Near Northeast Area Supplemental Investigation and Remedial Measures Report

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, Maryland
Case Number 2006-0303-BA2
Facility I.D. No. 12342

August 15, 2011

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1.0 INTRODUCTION

This report is provided to the Maryland Department of Environment (MDE) Oil Control Program (OCP) by Kleinfelder East, Inc. (Kleinfelder) on behalf of ExxonMobil Environmental Services Company (ExxonMobil). It is being provided as requested by the MDE in a letter dated February 25, 2011 (MDE, Feb 25, 2011). The report documents the implementation and results of additional investigation and remediation activities completed in the area directly northeast of Inactive Exxon Facility #28077, referred to herein as the "near northeast area". In addition to describing the methods, findings and conclusions of the work completed from 2008 to present, this report also outlines recommendations for additional investigative and remedial activities. Previous data and findings associated with site-wide investigative activities were also considered in the overall assessment of the near northeast area conditions.

The structure of the report is described below.

- **Section 2.0 – Overview of Near Northeast Investigation and Remediation**
  This section (1) identifies the conditions which triggered the investigation in this area, (2) outlines investigation objectives, (3) provides a summary of the initial monitoring activities, (4) describes progression of the supplemental investigation and (5) describes supplemental remedial measures implemented while the investigation proceeded.
- **Section 3.0 – Background Information**
  A brief summary of site setting, land use, topography and geology is presented in this section. Additional detail of these subjects is available in prior submissions to the MDE (e.g., see reports cited in text and listed in the references section of this report). New findings specific to the near northeast area investigation are discussed in **Sections 5.0 and 7.0**.
- **Section 4.0 – Additional Investigation Activities and Methods**
  This section describes activities which were completed as part of the near northeast investigation including where work was done, the methods employed, with references to various tables, figures and appendices which provide supporting information. Certain results and findings are briefly described in this section, but overall investigative results are presented in **Section 5.0** of this report.

- **Section 5.0 – Investigation Results**
  The overall results and key findings of the near northeast investigation are presented in this section.
- **Section 6.0 – Remedial Measures**
  The remedial measures implemented in the near northeast area with prior MDE approval, are described in this section.
- **Section 7.0 – Localized Conceptual Model Summary**
  This section provides a description of the localized conceptual model for the near northeast area. The component parts are presented and described throughout the document.
- **Section 8.0 – Conclusions and Recommendations**
  Overall conclusions and recommendations for additional investigative and remedial activities for the near northeast area are presented in this section.

Kleinfelder, on behalf of ExxonMobil, has supplied the MDE with monthly Near Northeast Area Data Updates since February 2009 (Kleinfelder, February 2009 through June 2011) and weekly emails with data updates since June 2010. **Table 1** is a list of additional reports and proposals submitted to the MDE and MDE requests and approvals regarding the near northeast area activities. Investigative results have been reported to the MDE via verbal, electronic and written communications as the work proceeded.

2.0 OVERVIEW OF NEAR NORTHEAST INVESTIGATION AND REMEDIATION

The conditions which initiated the near northeast investigation are described in **Subsection 2.1**. The overall objectives of the near northeast investigation are presented in **Subsection 2.2**. The initial supplemental monitoring directed by MDE in 2008 and the progression of the supplemental investigation from 2008 to present are described in **Subsections 2.3 and 2.4**, respectively. **Subsection 2.5** provides an overview of the supplemental remedial measures implemented while the investigation proceeded.

2.1 IDENTIFICATION OF CONDITIONS

In 2008, increasing methyl tertiary butyl ether (MTBE) concentrations were identified in the private supply well for 3506 Hampshire Glen Court. A similar increasing concentration trend was also identified for the private supply well serving 14307 Jarrettsville Pike. These increasing concentration trends were reported to and discussed with the MDE. Consequently, the MDE required ExxonMobil to perform a groundwater trend analysis for private supply wells in the area (MDE, August 12, 2008). Similar increasing concentration trends were not identified in other private supply wells in this area. Concentration trend graphs presenting data from March 2006 to June 2011 for the private supply wells serving 3506 Hampshire Glen Court and 14307 Jarrettsville Pike are presented on **Figures 1 and 2**, respectively. ExxonMobil installed POET systems for 3506 Hampshire Glen Court and 14307 Jarrettsville Pike on April 27, 2006 and August 7, 2007, respectively, due to MTBE concentration trends and proximity of these private supply wells to the original line of hydrocarbon migration (the “strike line”). As shown on **Figures 1 and 2**, the remedial actions implemented concurrent with the near northeast investigation have reversed the increasing concentration trends. At present the private supply wells for these two properties have influent (untreated or raw) groundwater concentrations that meet MDE’s drinking water criteria for gasoline constituents.

In response to the 2008 observation of increasing concentration trends, extensive investigative and remedial actions have been completed to (1) protect and remediate these two private supply wells and (2) delineate and supplement the remediation of the near northeast conditions which produced the increasing concentration trends in these two private supply wells. These investigative and remedial actions are briefly outlined below and are discussed in detail in subsequent sections of this report.

2.2 INVESTIGATION OBJECTIVES

The objectives of the focused investigation in the near northeast area are outlined below:

1. Assess subsurface geologic characteristics, including bedrock structure and fracture fabric;

2. Identify potential migration pathway(s) between the original line of hydrocarbon migration (i.e., the "strike line") and the 3506 Hampshire Glen Court and 14307 Jarrettsville Pike supply wells;

3. Identify the core concentration area and establish decreasing concentration gradients outward from the core;

4. Identify potential hydraulic influences (e.g., pumping, recharge, etc.) that could account for the hydraulic gradient necessary for dissolved phase migration down dip and slightly offset from the original line of hydrocarbon migration (i.e., the "strike line");

5. Characterize the lateral and vertical extent of hydrocarbon migration beneath and in proximity to 3501 Hampshire Glen Court;

6. Assess the permeability of the aquifer at depths and locations where core concentrations have been detected to ascertain the relative potential for dissolved-phase migration; and

7. Acquire data necessary to design supplemental measures to remediate the observed conditions.

2.3 INITIAL SUPPLEMENTAL MONITORING

Initial evaluations included an assessment of the MTBE concentration trends of monitoring and private supply wells, groundwater levels in monitoring wells, and private supply well water usage in the near northeast area. Results and conclusions of the initial evaluations are included in Kleinfelder's October 3, 2008 and January 14, 2009 Groundwater Evaluations (Kleinfelder, October 3, 2008 and Kleinfelder January 14, 2009). Additional groundwater quality sampling was initiated at seven piezometers (originally installed for groundwater gauging only) on a monthly basis (MW-36P, MW-37P, MW-38P, MW-45P, MW-57P, MW-58P, and MW-84P – **Figure 3**) as requested by the MDE (MDE, January 6, 2009). Kleinfelder has been supplying the MDE with monthly Near Northeast Area Data Updates since February 2009 (Kleinfelder, February 2009 through June 2011) and weekly emails with data updates since June 2010. These initial supplemental monitoring data, combined with overall site-wide data, were utilized to design the supplemental investigation approach discussed below.

2.4 SUPPLEMENTAL INVESTIGATION APPROACH

Detection of increasing MTBE concentration trends associated with the 3506 Hampshire Glen Court supply well prompted further investigation upgradient of this location at the northeast corner of 3501 Hampshire Glen Court, as directed by MDE (MDE, January 6, 2009). A similar MTBE concentration trend associated with the 14307 Jarrettsville Pike supply wells was also investigated. Focused investigation activities began with the installation of monitoring wells MW-167 and MW-168 (**Figure 3**). C-series monitoring well MW-168 was installed to evaluate and potentially intercept dissolved phase hydrocarbons at depths corresponding to the open interval of the 3506 Hampshire Glen Court supply well. Groundwater sampling of MW-168 confirmed the presence of dissolved-phase gasoline constituents, including MTBE, at concentrations sufficient to account for the downgradient MTBE concentrations associated with the 3506 Hampshire Glen Court supply well.

Investigation activities generally proceeded from the northeast corner of 3501 Hampshire Glen Court (MW-168 location) along the “strike line” and back toward the station. Monitoring wells were installed both in an up-dip direction (installation of MW-169, MW-170, and MW-171) and along strike (installation of MW-91C, MW-91D, MW-176, MW-178A, MW-178B, MW-178C, MW-38B, MW-38C). Other groundwater monitoring wells were also installed and/or sampled to more fully investigate lateral and vertical groundwater concentrations and movement in the area of 3501 Hampshire Glen Court. These monitoring wells included, but are not limited to, PW-14311, PW-3501, MW-36C, MW-47BB, MW-47C, MW-177, MW-171C, MW-179A, MW-179C, MW-180A, MW-180C, MW-181A, MW-181B, and MW-181C (**Figure 3**). These additional sampling points provided data to supplement the data available from the existing monitoring well and private supply well networks in this area.

Monitoring well installation was augmented by borehole and surface geophysical techniques. Borehole geophysical logging was conducted to identify and measure discrete subsurface fractures in specific monitoring wells. Surface geophysical techniques were implemented to broadly detect potential subsurface features that may not otherwise be recognized at specific testing locations (e.g., monitoring wells). Additionally, three-dimensional geophysical tomography by electrical resistivity methods was conducted to further investigate subsurface geologic characteristics/conditions.

Discrete-depth sampling was conducted via HydraSleeve™ sampling to vertically characterize the concentration profile in the aquifer. Additionally, packer testing was conducted to provide vertical characterization and to hydraulically characterize specific subsurface intervals in the aquifer.

The aquifer was further characterized hydraulically by recording aquifer recovery response and ambient potentiometric conditions using pressure transducers deployed in various groundwater monitoring wells and packer intervals. Water usage was measured using flow totalizers at properties where POET systems were installed by ExxonMobil.

A timeline summarizing the progression of the near northeast area supplemental investigation and enhanced remedial activities is provided as **Figure 4**. **Section 4.0** provides additional discussion of the multiple investigative methods and techniques implemented.

2.5 SUPPLEMENTAL REMEDIAL MEASURES

As the near northeast area assessment yielded additional data, these data were integrated into the Site Conceptual Model and used to enhance remedial measures. MDE-approved supplemental remedial measures included: (1) the conversion of existing monitoring wells to remediation wells; (2) the installation of additional remediation wells; and (3) optimization of ongoing remedial pumping. A map illustrating the location of near northeast area remediation wells is attached as **Figure 3**.

Between April 17, 2009 and December 29, 2010, nine additional recovery wells were activated in the near northeast area to supplement the existing sixteen recovery wells in the area. The location and depth of pump placement was designed to (1) aid in mass removal, (2) influence impacted groundwater flow updip toward the “strike line”, (3) target recovery at depths of maximum detected concentrations, and (4) intercept the contaminant migration toward the supply wells located on 14307 Jarrettsville Pike and 3506 Hampshire Glen Court. The spatial arrangement of the groundwater remediation wells in the near northeast area is aligned to address the core concentrations.

A timeline summarizing the progression of the near northeast area supplemental investigation and enhanced remedial activities is provided as **Figure 4**. **Section 5.0** provides additional discussion of the remedial measures implemented.

3.0 BACKGROUND INFORMATION

The background information presented below includes a summary of site setting, land use, topography and geology. Additional detail on these subjects is available in prior submissions to the MDE (e.g., see reports cited in text and listed in the references section of this report). New findings specific to the near northeast area investigation are discussed in **Sections 5.0 and 7.0**.

3.1 SETTING

Inactive Exxon Facility 28077 is located at 14258 Jarrettsville Pike on the United States Geological Survey (USGS) Phoenix, Maryland Topographic Quadrangle Map at 39.5183° N latitude, 76.5596° W Longitude at an approximate elevation of 590 feet above mean sea level (ft-msl) in Baltimore County, Maryland (**Figure 5**).

The following sections describe the land use, physical setting, and geologic/hydrogeologic characteristics of the area investigated.

3.2 LAND USE

The near northeast area of investigation is located directly northeast of Inactive Exxon Facility #28077 and is comprised of the following commercial and residential properties where focused investigative and remedial activities were conducted (**Figure 6**):

- 14301 Jarrettsville Pike (commercial property);
- 14307 Jarrettsville Pike (commercial property);
- 14311 Jarrettsville Pike (undeveloped commercial property);
- 3501 Hampshire Glen Court (undeveloped residential property owned by ExxonMobil);
- 3503 Hampshire Glen Court (residential property); and
- 3506 Hampshire Glen Court (residential property).

These six properties are served by individual private supply wells, though the wells for the two undeveloped properties are inactive. ExxonMobil previously installed and continues to maintain POET systems on 14301 and 14307 Jarrettsville Pike and 3503 and 3506 Hampshire Glen Court.

3.3 TOPOGRAPHY

The near northeast area exists within the Summit Uplands portion of the Piedmont Physiographic Province of Maryland (Schmidt, 1993). The local topography of the near northeast area is presented on the Area Topographic Map (**Figure 7**). Collectively, the overall topography for the near northeast area, as depicted on **Figure 7**, slopes toward and converges upon the headwaters of Sawmill Branch. This topographic configuration is consistent with the site conceptual model for the overall site and the near northeast area.

The highest elevation in the near northeast area is located on the west side of 14311 Jarrettsville Pike (approximate elevation 602 ft-msl). The topography slopes from the west to the east from 14311 Jarrettsville Pike, across the southern portion of 14315 Jarrettsville Pike and to 3501 Hampshire Glen Court. The topography slopes to the northeast and to the southeast on 3501 Hampshire Glen Court. The topography slopes southeast across 14307 Jarrettsville Pike. The upper reach of the Sawmill Branch topographic valley extends through the southern portion of 3506 Hampshire Glen Court and becomes less distinct in the direction of the eastern end of 14307 Jarrettsville Pike. This general area comprises the upper reaches of the Sawmill Branch valley toward which the topography converges toward the northeast.

3.4 GEOLOGY

The site is underlain by metamorphic rocks comprising the southern flank of the Phoenix Dome, regionally mapped by Moller (Moller, 1979) as the Loch Raven Schist of the Wissahickon Group (**Figure 8**). The Loch Raven Schist encountered during the course of the investigation is primarily uniform, medium-grained schist consisting of biotite, oligoclase, muscovite, quartz, and various accessory minerals including staurolite, kyanite, actinolite, and garnet (Moller, 1979). Sub-units encountered during the investigation included an epidote-amphibolite gneiss and pegmatite. The gneiss is a fine- to-medium-grained, thinly banded, black and white gneiss. The pegmatite consists of lenses of coarse-grained quartz, feldspars, and muscovite. The bedrock types encountered during the investigation are consistent with the regional mapping.

The primary bedrock structural feature is the metamorphic foliation, which strikes northeast and dips northwest (Moller, 1979). This structural orientation is consistent with geologic observations, manual measurements, and borehole geophysical measurements of the foliation orientation completed as part of this and prior site investigations. A prominent structural zone of weakness is present which runs northeast to southwest and underlies the station property as evidenced by linear orientation of migration of liquid phase hydrocarbon (LPH). This zone has previously been referred to as the “strike line” due to the general linear pattern of liquid phase gasoline detections parallel to the foliation strike in the area.

Conformably overlying bedrock is a layer of saprolite (Cleaves, 1974). Saprolite is a geologic material formed by in-situ chemical weathering of the local bedrock, resulting in a gradational weathering profile. The minerals that formed the parent rock have been altered and decomposed and replaced with less dense minerals, primarily clay minerals. In some cases, the original fabric of the parent rock can be observed as more resistant minerals, such as quartz and micas, which retain their original orientation and position.

The soils encountered during the investigation of the site overlay the saprolite and are generally composed of silty to sandy clays and clayey to silty sands. The soils are generally colluvium, and residual soils resulting from the in-situ weathering of the local metamorphic bedrock. There are localized areas of alluvium primarily within the stream channels in the vicinity of the site. The colluvial, alluvial, and residual soils have not been differentiated and are referred to in this report collectively as “overburden.” The thickness of the overburden across the site ranges from 18 feet to 45 feet. The soils in the region are primarily moderately eroded Glenelg Loam (GcB2 and GcC2) with lesser amounts of moderately to severely eroded Manor Loam (MbB2, MbC2, MbC3, and MbD3) occurring on some of the steeper slopes (Reybold, 1976). There are minor amounts of Glenville Silt Loam (GnB) limited to the drainage areas of the site. These soil types are deep, variable in the degree to which they drain, and may exhibit moderate permeability. These soils are consistent with the soils encountered during the investigation.

4.0 SUPPLEMENTAL INVESTIGATION ACTIVITIES AND METHODS

Supplemental investigation activities completed as part of the near northeast investigation include the installation of additional groundwater monitoring wells, borehole geophysics, surface geophysics (microgravity survey and electrical resistivity), tomography (electrical imaging), groundwater gauging, groundwater sampling, and the installation and connection of additional groundwater recovery wells. A map illustrating the location and type of the various additional investigative activities is provided as **Figure 9**. A timeline summarizing the progression of the near northeast area supplemental investigation and enhanced remedial activities is provided as **Figure 4**. The subsections below describe the methods that were employed and provide references to various tables, figures and appendices where additional information is located. Certain results and findings may be briefly discussed in this section, but overall investigative results are presented in the **Section 5.0** of this report.

4.1 MONITORING WELL INSTALLATION

The monitoring well installation activities (coupled with other activities) generated near northeast area data regarding: (1) lateral and vertical delineation of MTBE and other compounds in groundwater; (2) subsurface hydrogeologic conditions; (3) geologic and hydrocarbon screening data from selected locations; (4) groundwater potentiometric surface elevations; and (5) design of supplemental groundwater remedial activities, as appropriate. The monitoring well installation activities that were conducted as part of the near northeast area investigation are presented below. The data and results from this activity are integrated with findings from other supplemental investigative activities and are discussed in **Section 5.0**.

As requested by the MDE (MDE, January 6, 2009), three additional monitoring wells were installed in the near northeast area during the period March 4, 2009 through March 11, 2009 (MW-58R, MW-167, and MW-168) (**Figure 3**). Subsequently, a total of 24 additional groundwater monitoring wells were installed from May 7, 2009 through March 24, 2011. The final well construction, described in **Table 2**, varied depending on well location, depth, and intended use. Boring logs and well construction diagrams are provided in **Appendix A**.

Wells are classified by “series,” which corresponds to the relative depth and/or type of well. The series of a well is identified by a “letter” descriptor on the end of the well number. Monitoring wells with an “A” letter classification (or no letter identifier) fall into the “A” series classification, which are screened across the water table. Series “B” wells are screened below the bottom of the corresponding series “A” well. Series “C” wells are deeper bedrock wells that generally correspond to the total depth of the private supply wells in the area. Series “R” wells have specific designed screen intervals, depths and construction for groundwater recovery. A “D” series well was also installed (MW-91D). MW-91D is a double-cased deep bedrock well with an open-hole interval of 400 to 420ft below ground surface (bgs). This well was installed for vertical delineation of groundwater impacts beneath the near northeast area.

The drilling and well installation events that occurred from May 7, 2009 to March 24, 2011 are summarized below.

- During the period of May 7, 2009 through May 12, 2009 boreholes MW-169, MW-170, and MW-171 were advanced.
- During the period of May 10, 2010 through May 19, 2010 boreholes MW-91C, MW-171C, MW-176, and MW-177 were advanced.
- During the period of October 7, 2010 through November 12, 2010 boreholes MW-36C, MW-36R, MW-47BB, MW-47C, MW-91D, MW-178A, MW-178B, MW-178C, MW-179A, MW-179C, MW-180A, MW-180C, MW-181A, MW-181B, and MW-181C were advanced.
- During the period of March 21, 2011 through March 24, 2011 boreholes MW-38B and MW-38C were advanced.

Boreholes were initially advanced by air knife to an approximate depth of 8 ft-bgs to ensure no underground utilities or subsurface anomalies would be contacted. Following air knife activities, a Schram drill rig was used to advance each borehole via air hammer. At each location (**Figure 3**) drill cuttings were collected for field screening and geologic logging during drilling and boreholes were subsequently converted into monitoring wells. Well construction details for each well are in **Table 2**.

The boreholes were sampled approximately every 5 feet by collecting cuttings from drilling activities as the borehole was advanced. Soil was screened in the field using a photo-ionization detector (PID). Select samples of rock cuttings were collected via sieve and washed to remove fines and rock flour associated with drilling in order to prepare the samples for classification and characterization.

Soils encountered during well installation were predominately silty sands with intermittent lenses of sandy silt. Traces of micaceous schist were also observed in soils at various depths. Bedrock was encountered at depths ranging from approximately 18ft-bgs (MW-171C) to approximately 47 ft-bgs (MW-180A). Potential bedrock fracture zones were also encountered and were recorded on the monitoring well construction logs. Monitoring well construction details are included in **Table 2**. Boring logs and monitoring well construction diagrams are included in **Appendix A**.

The monitoring wells were finished with locking compression caps and flush mount protective watertight manhole covers; several wells were later converted to remedial wells as described in **Section 4.0**. Wells were developed following completion to ensure collection of representative groundwater samples.

4.2 GROUNDWATER SAMPLING

The groundwater sampling activities (coupled with other activities) generated near northeast area data regarding: (1) lateral and vertical delineation of MTBE and other compounds in groundwater; (2) identification of areas of core concentrations; (3) hydrocarbon screening data from selected locations; (4) design and progression of supplemental investigation activities, as appropriate; and (5) design of supplemental groundwater remedial activities, as appropriate. The groundwater sampling activities that were conducted as part of the near northeast area investigation are presented below. The data and results from this activity are integrated with findings from other supplemental investigative activities and are discussed in **Section 5.0**.

During the implementation of the near northeast investigation, MDE directed an increased sampling frequency for many of the existing monitoring wells in this area (MDE, January 6, 2009). Based on location, construction, and concentration trends, area monitoring wells are currently sampled on a weekly, bi-weekly, or monthly basis, in consultation with the MDE. As new groundwater monitoring wells were completed, they were gauged and sampled and subsequently incorporated into the well gauging and sampling programs, as directed by MDE. Depending upon the purpose of the sampling, several different MDE-approved sampling techniques were used to collect groundwater data from the monitoring wells, recovery wells, and private supply wells in the near northeast area. The sampling techniques included HydraSleeve™ interval and composite sampling, inflatable packer and K-packer sampling, conventional purge and sample, and private supply well sampling as described below. Groundwater sampling methods and frequencies are detailed in **Table 3** and **Figure 10**.

<u>HydraSleeve™ Sampling</u>

HydraSleeve™ interval and composite samplers were used during the near northeast investigation to collect groundwater samples from bedrock wells. Selection of the type of sampler (interval or composite) and determination of the depth for deployment of the samplers was based on the purpose of the sampling and the downhole geophysical data. The sampling intervals were selected in consultation with the MDE and are detailed in **Table 3**.

HydraSleeve™ interval samplers were used to obtain discrete groundwater samples from target depths (approximately 1-2 foot portion of the water column). Alternatively, HydraSleeve™ composite samplers were used to collect composite samples from larger intervals (i.e., the entire open-hole or some portion of the open-hole). HydraSleeve™ samplers were deployed to the selected depths and left in the well and allowed to equilibrate overnight. To collect samples, the HydraSleeves™ are filled by pulling upward on the tethered line which opens a check valve and allows water to enter the sampler. The type of sampler (interval or composite) and the rate of retrieval of the sampler control the water column interval that is sampled. Once the sampler is full, the check value closes and the HydraSleeve™ is slowly pulled to the service. Groundwater from the HydraSleeve™ is then used to fill sample containers.

Samples were submitted to Accutest Laboratories for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and five oxygenates, including MTBE, in accordance with U.S. EPA SW-846 Method 8260B. For the first sampling event and once a year thereafter, samples are submitted for analysis of full-suite volatile organic compounds (VOCs) using U.S. EPA SW-846 Method 8260B. Groundwater analytical results for near northeast monitoring wells are provided in **Table 4**. HydraSleeve™ MTBE concentration charts for MW-168 are included as **Figure 11**.

Packer Sampling

Packer sampling was conducted to obtain analytical results from a specific depth interval of potential interest. The packer sampling consisted of hydraulically isolating specific sections within the open-bedrock portion of the borehole. Packers (inflatable and tri-seal K-packers) were used to isolate selected zones to collect groundwater samples from targeted depths.

Packer sampling via inflatable packers was completed at MW-168 in March 2009 and during the period of July 2, 2010 to August 25, 2010 along with four additional wells (MW-91C, MW-168, MW-171C, MW-176, and MW-177). Specific depths for completion of the packer sampling were based on a combination of drilling observations, optical and acoustic televiewer data, and caliper log results. Depths were selected in consultation with the MDE and are detailed in **Table 5**. Details regarding the packer sampling are included in **Section 4.5**, below.

Samples were submitted to Accutest Laboratories for analysis of BTEX and 5 oxygenates, including MTBE, in accordance with U.S. EPA SW-846 Method 8260B. Groundwater analytical results obtained in conjunction with packer testing are included in **Table 6**.

On March 31, 2009, two temporary K-packers (tri-seal packers) were installed in MW-168, both at approximately 100 ft-bgs. Each K-Packer assembly consists of three rubber rings that attach to 2-inch diameter threaded steel rods. The rubber rings on the K-packer form a seal around the open borehole separating the upper and lower zones of the borehole. The K-packer was advanced to 100 ft-bgs using a truck-mounted drill rig and secured at the surface. Once the K-packer was installed and the well equilibrated, the upper and lower water zones of the borehole were independently gauged and sampled. These tri-seal packers remained in place until July 9, 2010, and groundwater samples were collected on a weekly basis during that period.

Samples were submitted to Accutest Laboratories for analysis of BTEX and five oxygenates, including MTBE, in accordance with U.S. EPA SW-846 Method 8260B. Groundwater analytical results obtained in conjunction with the K-packer sampling from MW-168 are included in **Table 4**.

Purge and Sampling

While selected wells were sampled using HydraSleeve™ samplers and packer sampling, as approved by MDE and detailed above, the remaining wells were sampled using a conventional purge and sample technique. This technique consists of purging standing water from the well using a Grundfos Redi-Flo2 submersible pump, allowing the water level to recover, and collecting a sample with a bailer.

Samples were submitted to Accutest Laboratories for analysis of BTEX and five oxygenates, including MTBE, in accordance with U.S. EPA SW-846 Method 8260B. For the first sampling event and once a year thereafter, samples are submitted for analysis of full-suite VOCs U.S. EPA SW-846 Method 8260B. Groundwater analytical results obtained in conjunction with conventional purge sampling are provided in **Table 4**. Groundwater analytical charts are included as **Appendix B**.

Private Supply Well Sampling

As defined in the MDE-directed area-wide private supply well sampling program, the wells proximate to and within the near northeast investigation area are sampled monthly. As part of the current investigation, the private supply wells serving 3506 Hampshire Glen Court and 14307 Jarrettsville Pike have been sampled on an increased frequency since January 2009. These wells are sampled by purging the bladder tank for 20 minutes and collecting a sample directly from the bladder tank. Based on location and concentration trends, private supply wells in the vicinity of the near northeast investigation are sampled on a weekly, bi-weekly, monthly or quarterly basis, in consultation with the MDE. Private supply well sampling frequency is detailed on **Figure 12**. Private supply well completion reports for wells located in the near northeast area are provided in **Appendix C**.

Four private supply wells were specifically investigated in the near northeast area (**Figure 3**): 14301 Jarrettsville Pike (commercial property), 14307 Jarrettsville Pike (commercial property), 3503 Hampshire Glen Court (residential property), and 3506 Hampshire Glen Court (residential property). All four properties have ExxonMobil installed POET systems. The table below details the sampling frequency for each of these private supply wells.

Private Supply Well	Property Details	POET System in Place	Frequency Sampled
14301 Jarrettsville Pike Well[1]	Commercial property	Yes	Monthly
14307 Jarrettsville Pike Well[2]	Commercial property	Yes	Weekly
3503 Hampshire Glen Court Well	Residential property	Yes	Monthly
3506 Hampshire Glen Court Well	Residential property	Yes	Bi-Weekly

Notes:
1. Private supply well is located on the adjacent property (3410 Sweet Air Road)
2. Two private supply wells on property

Samples from these wells were submitted to Accutest Laboratories for analysis of Full Suite VOCs according to U.S. EPA Method 524.2. Private supply well analytical results are included in **Table 7**.

4.3 WATER USAGE ASSESSMENT

The water usage assessment generated data regarding the average and maximum (or peak) water usage from private supply wells located in the near northeast area. The water usage assessment activities conducted as part of the near northeast area investigation are presented below. The water usage data and results are integrated with findings from other supplemental investigative activities and are discussed in **Section 5.0**.

Water usage was evaluated by collecting flow totalizer data from eight private supply wells northeast of the service station (six residential and two commercial properties, **Table 8**, **Figure 13,** and **Figure 14**), including from beyond the near northeast area in order to make a statistical assessment of typical water usage. Based on these data, average daily water use for private supply wells in the area is calculated to be approximately 256 gallons per day (gpd).

3506 Hampshire Glen Court has an average daily water use of approximately 590 gpd with a maximum use of approximately 2,240 gpd recorded over a 14 day period in October 2007. 14307 Jarrettsville Pike has an average daily water use of 320 gpd with a maximum use of approximately 1,000 gpd recorded in October 2010 over a 7 day period. Both properties have higher than typical average daily water use and maximum use. Both properties have had MTBE (and other gasoline constituents) maximum concentration values and/or concentration trends which are not observed in other private supply well results obtained as part of the MDE-directed area-wide private supply well sampling program.

4.4 GEOPHYSICAL METHODS

The geophysical testing methods generated near northeast area data regarding: (1) overall geologic conditions; (2) design of supplemental investigation activities, as appropriate; and (3) design of supplemental groundwater remedial activities, as appropriate. The geophysical testing methods that were conducted as part of the near northeast area investigation are presented below. The data and results from this activity are discussed in **Section 5.0**.

Geophysical investigation methods were employed to supplement physical observations regarding subsurface geologic characterization. These methods can provide a supplemental means of locating potential subsurface features which may not be readily identified by conventional intrusive investigation methods. The following three geophysical methods were employed:

- Borehole Logging;
- Surface Geophysics - Microgravity and Electrical Resistivity; and
- Tomography - Electrical Resistivity and Seismic.

The following sections describe these techniques and the data collected. Additional detail regarding the methods employed and the results is included in the complete geophysical reports which are provided in **Appendices D, E,** and **F**.

4.4.1 Borehole Logging

Borehole geophysical logging was completed on the open-hole portions of 21 bedrock wells shown on **Figure 9** and listed on **Table 9**.

The following tests were completed:

- 3-Arm Caliper, which mechanically measures the borehole diameter;
- Fluid Temperature;
- Fluid Conductivity;
- High Resolution Acoustic Borehole Televiewer, which records a scaled image of the borehole wall allowing identification of fracture locations;
- Optical Borehole Televiewer, which records a scaled image of the borehole wall allowing identification of features such as fractures and solution openings and semi-quantitative estimation of fracture orientation and thickness using visible light; and
- Heat Pulse Flowmeter, which records the rate of vertical water flow at selected depths within a borehole.

The borehole geophysical logging produced data that was used to assess the geologic structure and fabric and to select target intervals for packer testing and vertically discrete sampling. Complete results of the borehole geophysical program are included in **Appendix D**.

4.4.2 Surface Geophysics

<u>Microgravity Survey</u>

A microgravity survey was conducted in an attempt to identify subtle variations in the surface gravity signature (i.e., microgravity anomaly) corresponding to variations in the specific gravity (density), mineralogy/lithology and/or fracture features in the subsurface. Microgravity was measured on an approximate 25-foot by 10-foot grid spacing on 3501 Hampshire Glen Court (**Figure 9**). **Figure 15** provides the results of the survey. As shown on this figure, a northeast trending microgravity anomaly was observed beneath the 3501 Hampshire Glen property. The low microgravity anomaly was previously interpreted to be a fracture zone by Enviroscan. This feature is suspected to influence the migration of groundwater beneath the near northeast area. This observation was further evaluated via other supplemental investigative activities as discussed in **Section**

5.0. The Enviroscan Geophysical Survey Report provides a detailed description of the microgravity survey results and is included as **Appendix E**.

Electrical Resistivity

The general objective of acquiring electrical resistivity imaging data was to identify zones with contrasting electrical properties that could be indicative of water-bearing fractures. Specifically, soil, competent bedrock, and fractured/weathered bedrock often possess differing properties of electrical conductivity. Additionally, the degree of water saturation of soil or rock can be reflected in the electrical resistivity measurement. The more electrically conductive zones may be attributable to factors including (1) weaker/weathered rock that tends to have higher porosity and may be more saturated with groundwater and (2) the presence of minerals with electrically conductive properties. Collecting the surface resistivity measurements involved introducing an electrical current at the ground surface and measuring the voltage between two electrodes placed in the survey area. Electrical resistivity imaging data were acquired from two transects within the near northeast area. Electrical imaging results for these transects are presented in the Enviroscan Report (**Appendix E**). The electrical resistivity imaging cross sections (**Appendix E**) indicate less electrical resistivity (greater electrical conductivity) in proximity to the MW-91 well cluster, which is located within the interior portion of 3501 Hampshire Glen Court. Increased electrical conductivity can be attributable to the presence of water saturation in the subsurface or electrically conductive minerals associated with certain rock types such as gneiss. The effective penetration depth of the electrical resistivity transects is approximately 50 feet deep. Consequently, the electrical resistivity imaging results are characteristic of the unsaturated saprolite to shallow water table depths. This observation was further evaluated via other supplemental investigative activities as discussed in Section 5.0.

4.4.3 Tomography

Bedrock tomography was conducted to evaluate subsurface hydrogeologic conditions. The geophysical bedrock tomography included surficial electrical tomography which is discussed further below. The Enviroscan report of the surficial electrical tomography results is included as **Appendix F**. Seismic tomography was also attempted (to supplement the surficial electrical tomography); however, this technology did not prove effective and is not discussed below. Enviroscan concluded that the active remediation pumps and associated piping in the near northeast area limited the ability to obtain a clear signal and the approach proved ineffective. A letter from Enviroscan describing the interference encountered during the attempted seismic tomography is included in **Appendix G**.

The electrical imaging was performed by introducing very low-amperage DC electrical current from electrodes placed a) into the ground between steel spikes and b) into monitoring wells. The electrodes were spaced on the ground surface at 5-foot intervals and at 3-foot intervals down the wells, starting at 30 feet below the bottom of the steel casing to avoid interference from the steel. Resistivity readings were collected from four-electrodes at a time using a Sting R8/IP resistivity meter and Swift automated electrode switching system. Since the electrical flow pattern is preferentially transmitted through water-bearing fractures, pumping from recovery wells MW-91C and MW-178C was temporarily discontinued prior to and during the tomography testing to allow de-watered fractures to recover to saturated conditions. MDE approved this temporary discontinuation of pumping subject to an increased sampling frequency of selected wells in the vicinity to monitor potential changes in conditions resulting from the temporary change in pumping.

The resistivity of the subsurface was determined in the field by measuring the voltage between two electrodes with a known separation and position/orientation relative to the current electrodes. Post-field processing included mathematically inverting the data using EarthImager by Advanced Geosciences, Inc., and compiling the results into 3-D spatial models of true resistivity using Rockworks. The results of the testing were converted into a 3-dimensional image (**Figure 16**).

As shown on **Figure 16**, a 3D electrical resistivity anomaly was observed beneath the 3501 Hampshire Glen property. The bottom of the anomaly strikes northeast and dips northwest. Coupled with other data listed below:

- shallow electrical resistivity imaging anomaly;
- microgravity anomaly;
- area geologic map depicting geologic contact
- lithology/mineralogy observations from drilling;

This anomaly is interpreted to be the contact between two different rock types: gneiss and schist, which are known to trend through the area. A geologic contact of this nature represents a potential discrete groundwater migration pathway. These findings are further discussed in **Section 5.0**. The complete report of the results is included as **Appendix F**.

4.5 HYDRAULIC ASSESSMENT

Hydraulic data were collected to further define and understand subsurface hydrogeologic characteristics in the near northeast area. Hydraulic testing techniques included: packer testing, cross-hole packer testing, slug testing, and potentiometric head monitoring. The near northeast area hydraulic assessment activities generated data regarding: (1) overall potentiometric head data and trends; (2) discrete interval hydraulic conductivities within bedrock boreholes; (3) interconnectedness of discrete intervals; (4) design of supplemental investigation activities, as appropriate; and (5) design of supplemental groundwater remedial activities, as appropriate. The hydraulic assessment activities conducted as part of the near northeast area investigation are presented below. The data and results are integrated with findings from other supplemental investigative activities and discussed in **Section 5.0**.

4.5.1 Packer Testing

Packer sampling was completed at five wells during the period of July 2, 2010 to August 25, 2010 (MW-91C, MW-168, MW-171C, MW-176, and MW-177). Specific depths at which packer sampling was completed were based on a combination of drilling observations, optical and acoustic televiewer data, and caliper log results. Depths were selected in consultation with the MDE and are detailed in **Table 5**.

Packer tests consisted of isolating 10-foot intervals of the selected monitoring wells with inflatable packers so that hydraulic measurements and water-quality samples could be collected under simulated dynamic conditions (i.e., limited duration pumping). Pressure transducers were placed in the zones above, below, and within the packer interval along with being placed in surrounding monitoring wells. Real-time data was collected in the field from these transducers and corrected for barometric pressure through the use of a barologger. Packer testing pressure transducer data are provided in **Appendix H** and recharge transducer data are included in **Appendix I**. Field parameter measurements for individual packer zones were also collected and are included in **Appendix J**. Slug testing was completed on each packer interval, which involved displacing the water in the interval with a physical slug and measuring the hydraulic response. Slug testing results are included in **Appendix K**.

The various hydraulic and geochemical data collected throughout the packer testing process aid in determining:

- The presence/ absence and yield of potential water-bearing fractures;
- The hydraulic conductivity value for discrete fractures;
- Whether or not the packers adequately isolated the discrete section of the borehole for testing; and,
- The potential for vertical hydraulic interconnection outside the borehole.

Inspection of these data indicates that the packers adequately isolated the target section of the boreholes for testing. At one testing location (MW-176), the pressure transducer data associated with packer testing suggest hydraulic vertical interconnection in the formation outside of the borehole. Viewed collectively, these data distinguish potential water bearing fractures; however, the hydraulic conductivity values are nonetheless relatively low. These observations are addressed in greater detail in **Section 5.0**.

Cross packer testing was completed between MW-168 and the other four wells tested (MW-91C, MW-171C, MW-176, and MW-177). This consisted of having a packer deployed in MW-168 while packer testing the other four wells and measuring the hydraulic response in MW-168. Cross packer testing transducer data is included in **Appendix L**. The intent of this testing was to attempt to hydraulically identify the presence of fractures that could potentially connect MW-168 with other surrounding monitoring wells. The hydraulic results for this testing are not conclusive.

4.5.2 Potentiometric Head Monitoring

To monitor the hydraulic response to various potential hydraulic stresses (e.g., ambient conditions, enhanced recovery, monitoring well purging, etc.), pressure transducers were deployed in 28 monitoring wells in the near northeast area (**Figure 9**). **Table 10** details the location of these transducers and the data collection period. Data from these transducers are provided in **Appendix M**.

Manual gauging measurements, using an electronic interface probe, were collected from area wells and are included in **Table 11**. Comparative groundwater elevation charts for well clusters MW-47, MW-178, MW-179, MW-180, and MW-181 are included in **Appendix N**.

These groundwater level gaging data are used to evaluate the groundwater potentiometric surface (absolute elevation configuration and relative changes due to hydraulic influences such as pumping). Summary inspection of these data indicates characteristic patterns associated with hydraulic containment, as well as localized responses to enhanced remediation pumping and other hydraulic influences. These observations are discussed in greater detail in **Section 5.0**.

4.6 LITHOLOGIC CHARACTERIZATION

The lithologic characterization generated near northeast area data regarding the geologic materials encountered during drilling. During monitoring well installation, drill cuttings were collected at 5-foot intervals. These cuttings were screened using a PID and stored in separate containers. Selected samples of rock cuttings were then washed to remove fines and rock flour from the drilling process in order to classify and characterize the rock type. Written descriptions of the lithology were recorded on the boring logs (**Appendix A**). These descriptions were compared to the geologic map of the area and previously collected core samples to correlate to the area geology and used to help characterize the lithology in the area. The data and results from this activity are integrated with findings from other supplemental investigative activities and are discussed in Section 5.0.

The lithologic observations are consistent with the presence of a geologic contact between gneiss and schist that trend from southwest to northeast through 3501 Hampshire Glen Court and the near northeast area. Such a contact is supported by other observations and testing results (electrical resistivity anomalies and geologic map for the local area) that identify a contact between gneiss and schist that is generally parallel to the bedrock foliation. A geologic contact of this nature represents a potential structural feature that can influence the rate and direction of groundwater flow.

5.0 INVESTIGATION RESULTS

This section summarizes the investigation results that constitute the three component parts of the conceptual hydrogeologic framework for the near northeast area: geology (structure and lithology), hydraulic characteristics, and chemical distribution.

5.1 GEOLOGY

Bedrock structure and lithologic characteristics are observed to influence groundwater flow direction and dissolved-phase hydrocarbon migration patterns beneath the near northeast area. **Figure 8** presents a geologic map of the Jacksonville area (Moller, 1979). Inspection of this geologic map reveals significant structural and lithologic characteristics that trend through the local area.

The site is underlain by metamorphic rocks (dominantly schist) with a foliation that strikes to the northeast and dips to the northwest. The top of the bedrock surface and structural orientation of the foliation represent the subsurface framework that in part controls the area topography, surface water drainage, and direction of groundwater flow.

The map shows the site is underlain predominantly by the Lock Raven Schist with foliation that trends approximately N70°E with some minor variability. The map also illustrates exposed epidote-amphibolite gneiss within the Sawmill drainage valley to the northeast. These exposures of gneiss and the orientation of the dominant drainage to the northeast also trend N70°E.

Two lines of geologic section were prepared to illustrate subsurface geologic conditions beneath the near northeast area. **Figure 17** presents the mapped orientation of these lines of section. Cross section A - A' (**Figure 18a**) is oriented from southwest to northeast through the near northeast area. Cross section B – B' (**Figure 18b**) is oriented generally from south to north beneath 3501 Hampshire Glen Court. The cross sections illustrate the typical weathering profile for the area (soil, saprolite, bedrock), as well as the underlying bedrock lithology. Of particular note is a contact between gneiss and schist, separated by a transition zone, observed at MW-38C, MW-178C, and MW-47C. The depth of monitoring well MW-91D, which delineates the vertical extent of gasoline constituents, including MTBE, is illustrated relative to other wells on cross section B-B' (**Figure 18b**).

Table 5 provides a combined summary of fracture data acquired through borehole geophysical logging and packer sampling of the “C” series monitoring wells installed on 3501 Hampshire Glen Court. Presenting these data in a combined way in **Table 5** is intended to aid in the identification of geologic features (i.e., fractures) that are important from a hydrogeologic and/or chemical perspective. The packer testing intervals were selected based on borehole geophysical logging results in consultation with MDE. **Appendix D** provides borehole geophysical data for identified fractures (or potential fractures) for all boreholes subjected to borehole geophysical testing in the area. Rose diagrams of fracture strike are also presented in **Appendix D**. The rose diagrams provide a graphical depiction of the statistical distribution of fracture orientation. The mean strike orientation of the fractures measured in C-series, near northeast area monitoring/recovery wells (MW-91C, MW-168, MW-171C, MW-176 and MW-177) is N 85.5°E. This finding is consistent with previous site-wide and regional findings regarding the bedrock structure, which can strongly control the rate and direction of groundwater movement.

Surface geophysics conducted at 3501 Hampshire Glen Court identified a microgravity anomaly (low) beneath the property (**Figure 15 and Appendix E**). A low microgravity anomaly results from contrasting density (specific gravity) between subsurface materials (rock or soils) and are often indicative of changes in mineralogy/lithology, structurally weak zones, and void spaces compared to the adjacent country rock. The low microgravity anomaly is interpreted by the geophysical subcontractor (EnviroScan) to be a suspected fracture zone trending N69°E. This finding is consistent with previous site-wide and regional findings regarding the bedrock structure.

Sampling and inspection of drill cuttings obtained from “C” series monitoring wells on 3501 Hampshire Glen Court indicates the presence of both gneiss and schist at some locations (MW-38C, MW-178C, MW-47C) and only schist at other locations (MW-168, MW-169, MW-170, MW-171) (**Figure 3 and Appendix A**). In general, the presence of gneiss was detected in the north-northwest portion of the property. The presence of the gneiss-schist contact was also observed at the MW-15 and MW-18 locations (Kleinfelder, July 2006) and MW-38C (**Appendix A**). The presence of gneiss beneath the northern and northwestern portions of 3501 Hampshire Glen Court generally corresponds to a zone of lower electrical resistivity (electrically conductive zone) identified through electrical resistivity tomography (**Figure 16 and Appendix F**). The epidote-amphibolite gneiss contains banded ferromagnesian minerals (e.g., amphibole) that would be more electrically conductive than the adjacent silicate minerals (mostly micas) associated with the schist. This apparent contact trends northeast through the central to northern portion of 3501 Hampshire Glen Court.

In summary the following measurements and observations about of the local geology have been identified through various investigative methods:

- Electrical resistivity anomaly
- Microgravity anomaly
- Lithologic contact
- Bedrock fabric/foliation

Collectively, these are lines of evidence indicate a northeast-trending structural feature that may influence the direction of groundwater flow in the near northeast area. These results fulfill the first two objectives of this investigation:

- Assess subsurface geologic characteristics, including bedrock structure and fracture fabric;

- Identify potential migration pathway(s) between the original line of hydrocarbon migration (i.e., the “strike line”) and the 3506 Hampshire Glen Court and 14307 Jarrettsville Pike supply wells.

5.2 HYDRAULICS

The principal objectives of the near northeast area hydraulic assessment included: (1) determine hydraulic conductivity; (2) assess groundwater usage and movement; and (3) evaluate responses to hydraulic stresses (e.g., pumping).

5.2.1 Hydraulic Conductivity

Hydraulic conductivity results for discrete depth intervals are summarized in **Table 12**. These data correspond to discrete depth zones that were isolated by inflatable straddle packers deployed in monitoring wells MW-91C, MW-171C, MW-176, and MW-177. Hydraulic conductivity results range from 0.026 ft/day to 0.17 ft/day (average = 0.1 ft/day). The values at the upper end of this range, (0.11 to 0.17 ft/day) are associated with MW-176 below 164 feet. These results generally correlate with discrete fracture zones identified by borehole geophysical logging (**Appendix D**). These measured values are on the low end of the range of published hydraulic conductivity values for fractured igneous and metamorphic rocks (0.002 to 24 ft/day) (Domenico and Schwartz, 1990), and correspond to typical hydraulic conductivities for igneous and metamorphic rocks transitional between fractured and unfractured (Heath, 1995). Hydraulic conductivity values as low as 10^{-7} ft/day could be expected at even greater depths in unfractured igneous and metamorphic rocks (Heath, 1995).

For comparison, the hydraulic conductivity value determined from slug testing A-series monitoring well MW-91 on 3501 Hampshire Glen Court is 0.6 ft/day (Kleinfelder, July 2006), which is 3.5 times greater than the maximum value calculated from the deeper packer interval slug testing. The hydraulic conductivity value for MW-91 is within the range of other shallow, A-series monitoring wells in the near northeast area: 0.3 ft/day (MW-108) to 1.6 ft/day (MW-73) (Kleinfelder, July 2006). Hydraulic conductivity results up to 28.1 ft/day are typical for A and B-series groundwater monitoring wells elsewhere throughout the site (Kleinfelder, July 2006).

Greater hydraulic conductivity values in the shallow water bearing zone (A and B-zone) compared to hydraulic conductivity values for deeper (C-zone) fractures is also supported by a larger data set. The average hydraulic conductivity based on slug testing conducted in A and B-series monitoring wells is 4.3 ft/day (N = 26, standard deviation = 4.33) (Kleinfelder, July 2006). The average hydraulic conductivity value for slug-tested fractures isolated with packers in C-zone monitoring wells is 0.1 ft/day (N = 9, standard deviation = 0.04). Based on this comparison, the hydraulic conductivity of the shallow water-bearing zone is over 40 times that of fractures in the deeper zone.

Shallow zone hydraulic conductivity values (from A and B-series monitoring wells) are consistent with fractured igneous and metamorphic rocks (Domenico and Schwartz, 1990 and Heath, 1995). Observed fractures in C-zone monitoring wells, and the geologic contact described previously, appear to represent a relatively higher hydraulic conductivity zone as compared to the adjacent unfractured rock; however, this zone is spatially restricted (horizontally and vertically) by surrounding rock with low hydraulic conductivity associated with reducing fracture density and aperture width.

These data indicate the migration pathway is of relatively low permeability, and the migration pathway is essentially a very low permeability preferential pathway compared to the surrounding rock which is effectively impermeable. Although the suspected migration pathway is preferential relative to the surrounding bedrock, the migration potential (velocity and distance) is low. Consequently, the dissolved concentrations at depth beneath 3501 Hampshire Glen Court are effectively constrained. These results fulfill the investigation objective to assess the permeability of the aquifer at depths and locations where core concentrations have been detected to ascertain the relative potential for dissolved-phase migration.

5.2.2 Groundwater Usage

Water usage data was collected from eight area private supply wells at six residential and two commercial properties (**Table 8, Figure 14,** and **Appendix O**) within or surrounding the near northeast area. Based on these data, average daily water use for private supply wells in the area is calculated to be approximately 256 gpd. A summary of these data are provided below:

Street Address	Average GPD	Min	Max	Median
3503 Hampshire Glen Ct	279.1	104.9	928.8	411.9
3506 Hampshire Glen Ct	586.4	113.1	2243.4	1065.2
3507 Hampshire Glen Ct	223.9	156.9	381.3	112.2
3508 Hampshire Glen Ct	273.0	151.0	398.8	123.9
3604 Hampshire Glen Ct	89.8	73.8	104.4	15.3
3608 Hampshire Glen Ct	233.3	192.8	408.9	108.0
14301 Jarrettsville Pike	43.1	23.2	61.6	19.2
14307 Jarrettsville Pike	321.1	24.1	1003.5	489.7

Overall average	256.2 gpd
Residential Average	280.9 gpd
Commercial Average	182.1 gpd

Liquid phase hydrocarbon was detected in the former supply well at 14301 Jarrettsville Pike (M&T Bank) during the early part of 2006. Though flow totalizer data do not exist for the former supply well, data is available from the replacement supply well that now serves this property. This data indicates 14301 Jarrettsville Pike has low overall water usage, with an average daily water use of approximately 43 gpd and a maximum use of approximately 62 gpd recorded in September 2010. The low water extraction rates indicate the early impact to this well was primarily due to its proximity to the “strike line” which provided the mechanism for the rapid transport of the liquid phase hydrocarbon to this well.

Both 3506 Hampshire Glen Court (residential) and 14307 Jarrettsville Pike (commercial) have exhibited elevated average daily water use measurements compared to surrounding properties. 3506 Hampshire Glen Court has an average daily water use of approximately 590 gpd with a maximum use of approximately 2,240 gpd recorded in October 2007. 14307 Jarrettsville Pike has an average daily water use of approximately 320 gpd with a maximum use of approximately 1,000 gpd recorded in October 2010.

The observation of MTBE concentrations associated with these wells prompted the additional investigation in the near northeast area. Relatively elevated average and peak water usage is associated with the supply wells serving these properties. In addition, these supply wells are located less than 200 feet from monitoring wells in which liquid phase hydrocarbon was previously detected in 2006. A specific example is identifiable on **Figure 2**, which illustrates a period of increased water extraction from the primary 14307 Jarrettsville Pike supply well: up to 1,000 gpd during the period of September 28, 2010 until October 5, 2010. A corresponding increase in MTBE concentration associated with both the primary and secondary supply wells is identified on **Figure 2**. Thus proximity to the hydrocarbon source and elevated water extraction rates appear to have contributed to the MTBE concentrations observed in these supply wells. This observation contributes to the objective of the investigation of identifying potential hydraulic influences (e.g., pumping, recharge, etc.) that could account for the hydraulic gradient necessary for dissolved phase migration down dip and slightly offset from the original line of hydrocarbon migration (i.e., the “strike line”) .

5.2.3 Hydraulic Response to Pumping

Transducers and manual gauging measurements were used to collect potentiometric data and record the hydraulic response to various pumping and hydraulic stresses applied to the aquifer in the near northeast area:

- Purging of individual zones isolated via straddle packer assembly;
- Well recharge response to purging;
- Hydraulic response to enhanced groundwater recovery activities;
- Hydraulic response due to short-term or intermittent cessation of pumping (e.g., to accommodate geophysical tomography);

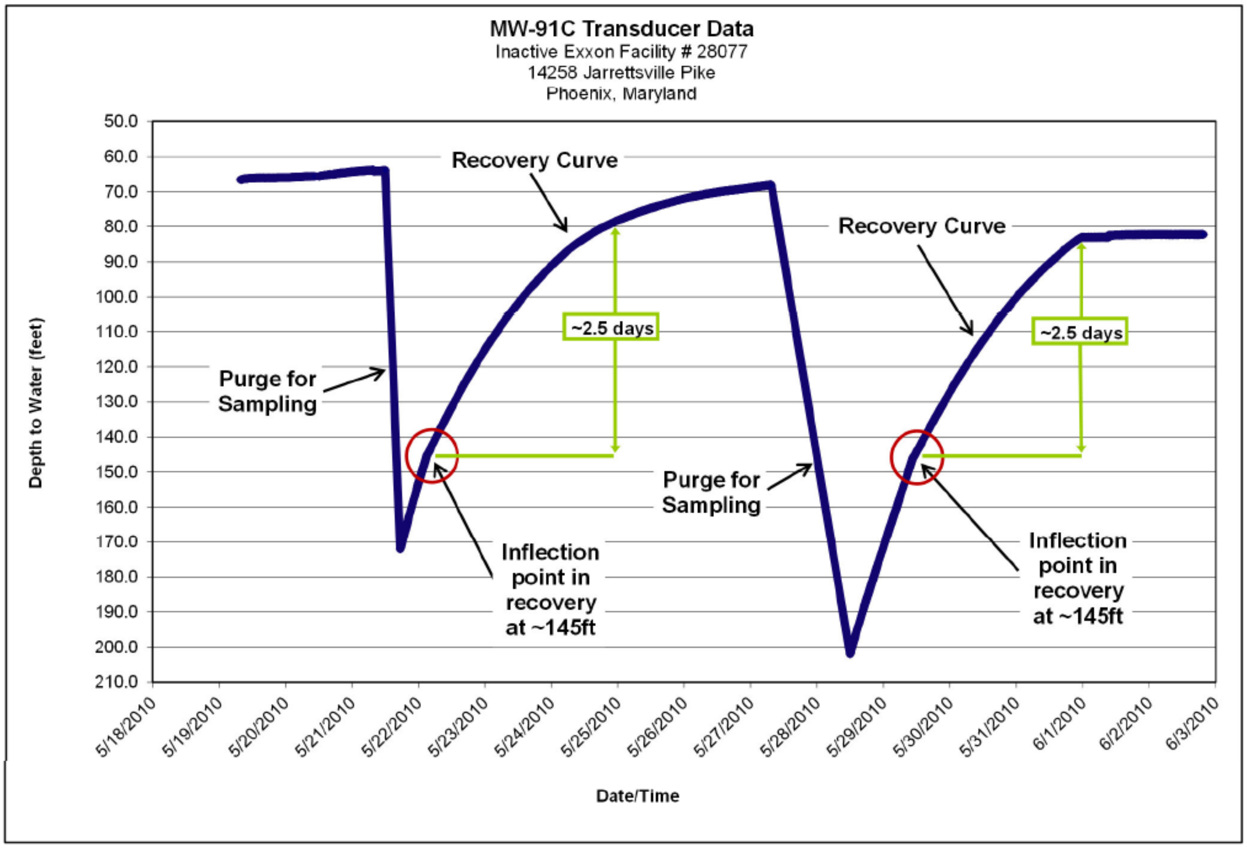
- Hydraulic response due to purging/sampling; and,
- Ambient hydraulic perturbations in the aquifer (e.g., recharge from precipitation, intermittent operation of supply and recovery wells).

Figures 19a and **19b** present the local potentiometric surface maps for the water table (shallow) zone and deeper (C-zone) in the near northeast area. **Figure 20** presents a local groundwater level change map for the near northeast area, which is representative of relative water level changes due to groundwater extraction and other influences. This map is derived from the May 13, 2011 Water Level Change map submitted to the MDE Water Supply Program as part of the semi-annual Water Appropriations Permit reporting (Kleinfelder, May 13, 2011). Collectively, the potentiometric surface and groundwater level change maps illustrate the characteristics of enhanced hydraulic capture specific to the near northeast area: concentric and/or inflected contours that are illustrative of a pumping center of converging groundwater flow.

Charts illustrating the hydraulic responses to these various potential hydraulic influences are provided in **Appendices H, L, and M**. Detailed annotations are included on the charts to illustrate responses to routine and periodic influences (e.g., monitoring well sampling). Detailed discussion of specific observations considered potentially relevant to fate and transport and refining the conceptual model in the near northeast area are described below on a well-by-well basis.

<u>MW-91C</u>

An open fracture was identified at a depth of 145.1 ft-bgs in MW-91C via borehole geophysical testing (optical televiewer, acoustic travel time, acoustic amplitude, and caliper). This fracture was measured to have an aperture of 3.8 inches, strike of S38^{0}W and dip of 23°E. As can be seen in the chart below and **Figure 21**, subsequent to purging MW-91C below a depth of 145 feet, the hydraulic recovery response produces an inflection point at 145 feet deep indicating that the fracture at this depth yields water. The inflection point (circled in red below) represents the point where water accumulating in the borehole reaches the fracture where water is entering the borehole. The subsequent hydraulic response follows the characteristic recovery curve. This suggests that the fracture at 145 feet produces the majority of the water in this well.



This fracture projects more directly back to the original line of hydrocarbon migration ("strike line"), and is the primary water producing fracture in the interval tested. A slightly deeper fracture (150.7 ft-bgs) was also logged in MW-91C with a strike of N87°E and dip of 43°W, consistent with the foliation trend. Projection of these fractures indicates that they would intersect in proximity to MW-91C, potentially forming a more direct hydraulic connection toward the "strike line". Both fractures were purged as part of the same interval (143 to 153 feet) during straddle packer sampling. Unlike other packer sampling intervals with relatively little yield, a sustainable purge rate of 0.5 – 1.0 gpm was maintained for this interval.

Relative to the other packer intervals for MW-91C, field parameter measurements collected during the packer purging of the 143 to 153 foot interval (**Appendix J**) yielded the highest dissolved oxygen (D.O.), oxidation-reduction potential (ORP), and specific conductivity. This interval also yielded the lowest pH value. These general chemistry and field parameter measurements are indicative of generally different water chemistry, which supports a zone of discrete groundwater flow. A discrete water bearing fracture may have a characteristic signature with regard to its general chemistry signature as measured via field parameter measurements. Such a signature may reflect relatively recent groundwater recharge with fresh water and a discrete migration pathway minimally affected by mixing, dilution, or stagnation.

MW-176

Packer purging of MW-176 resulted in a nearly identical hydraulic drawdown response between the packers and below the packers at each interval, suggesting either lack of a packer seal for each interval or vertical hydraulic connectivity of the aquifer at this location. Transducer response data associated with the other wells that were packer sampled indicate a positive seal with the packers between intervals or lack of hydraulic communication outside of the packers and outside of the borehole. These observations are illustrated graphically in **Appendix H**. The repeatable hydraulic drawdown response for MW-176 between and below the packers is suggestive of a vertical hydraulic communication outside the borehole. This observation is limited to MW-176. Transducer response to packer purging at other locations is indicative of an adequate packer seal with little to no vertical hydraulic communication in the formation outside of the borehole.

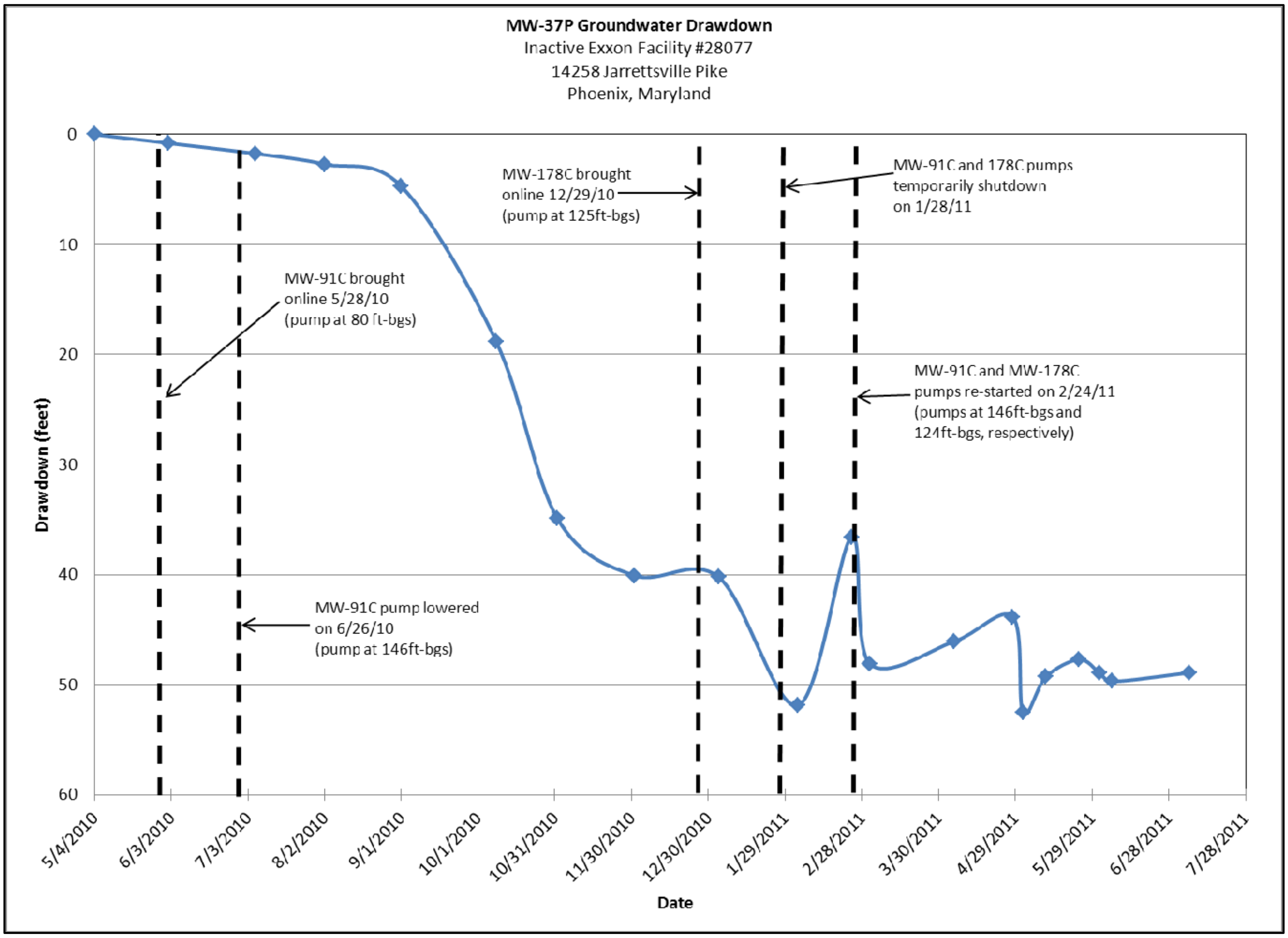
MW-38P

Inspection of potentiometric head data from MW-38P reveals a hydraulic interconnection between this well and wells MW-178C and 91C. This is identifiable by the hydraulic recovery response in MW-38P that corresponds to cessation of pumping in remediation wells MW-178C and MW-91C (**Appendix M**). The recovery curve for MW-38P is most pronounced for the period when MW-178C and MW-91C were taken offline to facilitate the geophysical tomography testing (**Appendix M**). MW-38P is located along the general linear trend of core concentration in this area (i.e., generally in line with MW-54, MW-178, MW-91, and MW-168) (**Figure 22**). This observation is indicative hydraulic communication between the shallow zone (water table, A-zone) and the deeper zone (C-zone) in proximity to the western property boundary of 3501 Hampshire Glen Court.

MW-37P

Approximately 50 feet of additional drawdown has been observed in MW-37P (**Figure 23**) since additional pumping activity was implemented on 3501 Hampshire Glen Court. The most marked drawdown has occurred since May 2010 subsequent to the initiation of pumping from MW-91C. The increased rate of drawdown after September 1, 2010 is attributed to the propagation of the drawdown influence due to pumping of MW-91C.

The water level in MW-37P is also observed to recover during the cessation of pumping in MW-178C and MW-91C, similar to MW-38P. Similar to the observation associated with MW-38P, drawdown in MW-37P is indicative of hydraulic communication between the shallow zone (water table, A-zone) and the deeper zone (C-zone) beneath the eastern end of 14307 Jarrettsville Pike. The fact that this level of drawdown was not observed in adjacent wells (e.g., MW-37), suggests a relatively discrete connection.



MW-168 Cross-Hole Packer Testing

The 143 to 153 foot interval of MW-168 was isolated with a straddle packer assembly while packer purging of discrete intervals was conducted within surrounding monitoring wells. Pressure transducers were deployed above, between, and below the MW-168 packer assembly. Few hydraulic responses were discernable in MW-168 due to packer purging of other intervals in other wells. Annotated graphs of pressure transducer data are provided in **Appendix L.**

These descriptions of the hydraulic responses to pumping fulfill the following investigation objectives with regard to hydraulics:

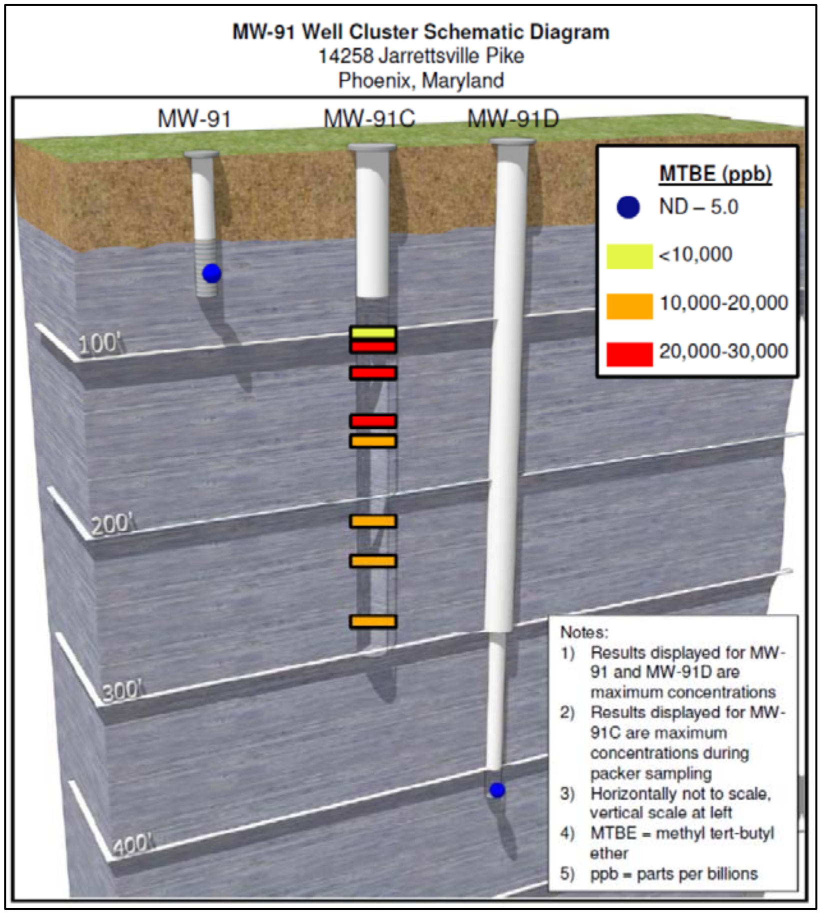
- Identify potential hydraulic influences (e.g., pumping, recharge, etc.) that could account for the hydraulic gradient necessary for dissolved phase migration down dip and slightly offset from the original line of hydrocarbon migration (i.e., the “strike line”);

- Acquire data necessary to design supplemental measures to remediate the observed conditions.

5.3 CHEMICAL

Figure 22 displays the maximum MTBE concentrations for the ‘C’ series monitoring wells in the near northeast area. Historic analytical results for monitoring wells in the near northeast area are provided in **Table 4**. HydraSleeve^{TM} MTBE concentration charts for MW-168 are included as **Figure 11**. A plot of maximum dissolved-phase hydrocarbon concentrations reveals a linear distribution trending from the western portion of 14307 Jarrettsville Pike (MW-54) toward the northeast corner of 3501 Hampshire Glen Court (MW-168) (**Figures 22 and 24a, b, c, and d**). These maximum “core” concentrations range from 8,040 ug/L to 96,400 ug/L and are associated with C-series groundwater monitoring wells with the exception of MW-54. Groundwater monitoring well MW-54 is a water table monitoring well located at the western portion of this transect and relatively close to the release area. This linear pattern of core concentrations is generally parallel to and slightly off-set (<200 feet from previously detected LPH) from the original line of hydrocarbon migration (“strike line”). The core concentrations generally decrease in the northeast direction and are surrounded by C-series monitoring wells (PW-14311, PW-3501, MW-47C, 3506 Hampshire Glen supply well, MW-171C, MW-179C, MW-180C, MW-36C, MW-181C) that exhibit markedly lower concentrations of MTBE (<1.0 to 134 ug/L). This spatial pattern indicates that dissolved phase constituents are delineated in the near northeast area.

Groundwater monitoring well MW-91D is a double-cased bedrock monitoring well that is open-hole from 400-420 ft-bgs. Analytical results from this well, which range from non-detect to 1.1 ug/L for MTBE and 5.2-173 ug/L for toluene, provide vertical delineation beneath the central portion of 3501 Hampshire Glen Court. Toluene detections were initially detected at 173 ug/L (sampled December 1, 2010) and have decreased to 2.1 ug/L (sampled June 13, 2011) over time.



The schematic diagram to the right (horizontally not to scale), also included as **Figure 25**, is a graphical depiction of the maximum MTBE results for the MW-91 well cluster (comprised of MW-91, MW-91C [packer sampling results], and MW-91D which are located laterally in close proximity to each other but monitor different depth intervals) in a cross-section view.

The blue dots shown on the screened and open-hole portions of MW-91 and MW-91D indicate maximum MTBE concentrations below 5.0 ug/L. The yellow, orange, and red rectangles shown on the open-hole portion of MW-91C represent packer sampling results for maximum MTBE. Additional discrete interval groundwater sampling results (packer and HydraSleeve^{TM}) are provided in **Tables 4** and **6**.

Packer sampling of MW-91C under dynamic (transient pumping) conditions also revealed increasing concentrations of benzene and MTBE with volume of water purged from the 143 to 153 ft-toc interval (**Table 6**):

MW-91C 143-153ft-toc Packer Interval		
Gallons purged	**MTBE Concentration (ug/L)**	**Benzene Concentration (ug/L)**
50	22,900	77.1
60	24,500	110
85	29,600	220

Analytical results of groundwater samples collected via packer sampling from MW-176 were observed to increase with depth ranging from 3,640 ug/L MTBE (125 to 135 feet) to 14,300 ug/L MTBE (233 to 243 feet) (**Table 6**). Additionally, pH results from packer purging are uniform with depth, while specific conductivity increases with depth and D.O. decreases with depth.

Private Supply Wells

Historic private supply well analytical results for the near northeast area are provided in **Table 7**. Review of these data indicates decreasing trends in the private supply wells located on 14307 Jarrettsville Pike and 3506 Hampshire Glen Court subsequent to enhanced remedial measures in the near northeast area, discussed in **Section 4.0** below. Concentrations of MTBE in other private supply wells in the near northeast area have remained below the MDE drinking water standard (20ug/L) during the entire investigation. **Figures 1** and **2** provide graphical depictions of the MTBE trends for 3506 Hampshire Glen Court and 14307 Jarrettsville Pike.

Analytical laboratory reports for data included in this report are included in **Appendix P**.

The chemical concentration patterns described herein address the following investigation objectives:

- Identify potential migration pathway(s) between the original line of hydrocarbon migration (i.e., the "strike line") and the 3506 Hampshire Glen Court and 14307 Jarrettsville Pike supply wells;

- Identify the core concentration area and establish decreasing concentration gradients outward from the core;

- Characterize the lateral and vertical extent of hydrocarbon migration beneath and in proximity to 3501 Hampshire Glen Court;

- Acquire data necessary to design supplemental measures to remediate the observed conditions.

6.0 REMEDIAL MEASURES

As the near northeast area assessment yielded additional data, these data were integrated into the Site Conceptual Model and used to enhance remedial measures. Supplemental remedial measures included: 1) the conversion of existing monitoring wells to remediation wells; 2) the installation of additional remediation wells; and 3) optimization of ongoing remedial pumping. A map illustrating the location of near northeast area remediation wells is attached as **Figure 3**. A timeline detailing the supplemental investigation and enhanced remedial activities is included as **Figure 4**.

Between April 17, 2009 and December 29, 2010, nine additional recovery wells were activated in the near northeast area to supplement the existing sixteen recovery wells in the area. Wells designated for groundwater recovery have been retrofitted with top-loading submersible pneumatic pumps. Each pump is installed in the well to the depth of desired groundwater drawdown. Groundwater pumps are powered by compressed air generated by a 40-HP variable speed contact-cooled rotary screw air compressor located at 14258 Jarrettsville Pike. Below grade HDPE piping was utilized as an air supply conduit to each well.

The location and depth of pump placement was intended to aid in mass removal, influence impacted groundwater flow updip toward the "strike line", target recovery at depths of maximum detected concentrations, and intercept the contaminant migration toward the supply wells located on 14307 Jarrettsville Pike and 3506 Hampshire Glen Court. The spatial arrangement of the groundwater remediation wells in the near northeast area is aligned to address the core concentrations within the C-zone, identified on **Figure 22**. **Figures 19a** and **19b** present the local potentiometric surface maps for the water table (shallow) zone and deeper (C-zone) in the near northeast area.

Figure 20 presents a local groundwater level change map for the near northeast area, which is representative of relative water level changes due to groundwater extraction and other influences. This map is derived from the May 13, 2011 Water Level Change map submitted to the MDE Water Supply Program as part of the semi-annual Water Appropriations Permit reporting (Kleinfelder, May 13, 2011).

The information below provides details on each of the nine new recovery wells activated.

<u>MW-58R</u>

MW-58R is located in the south-southeast corner of 3501 Hampshire Glen Court (**Figure 3**). MW-58R is approximately 15 feet deeper than both MW-57 and MW-58 with a total depth of 80 ft bgs. Groundwater recovery was initiated using a submersible pneumatic pump set at approximately 72 ft bgs on April 17, 2009, approximately 12 ft deeper than the pumps in MW-57 and MW-58, in order to provide enhanced mass removal. At a pump depth of 72 ft bgs, the recovery rate ranged from 0.14 to 0.28 gallons per minute (gpm).

<u>MW-169, MW-170, MW-171</u>

MW-169, MW-170, and MW-171 are located along the eastern property boundary of 3501 Hampshire Glen Court, in the northeast corner of the property (**Figure 3**). Groundwater recovery was initiated on these three wells on May 26, 2009 using submersible pneumatic pumps set at 43, 47, and 51 ft-bgs for MW-169, MW-170, and MW-171 respectively. A staggered pump deployment (pumps set at approximately 5, 10, and 15 feet below the measured groundwater elevation in MW-169, MW-170, and MW-171, respectively) was implemented to promote up-dip groundwater flow. This pump deployment provides local containment and mass removal without promoting further hydrocarbon migration away from the original source area. The initial recovery rates from these three wells were 0.57, 0.42, and 0.27 gpm for MW-169, MW-170, and MW-171 respectively. Pumps were subsequently lowered successively to enhance hydraulic influence while maintaining the staggered pump deployment. As of July 2011, the pumps in the three groundwater recovery wells are deployed to depths of 90, 95, and 100 ft-bgs in MW-169, MW-170, and MW-171, respectively. Recovery yields for this deployment configuration range from 0.41 to 0.57 gpm in MW-169; from 0.20 to 0.42 gpm in MW-170; and from 0.16 to 0.25 gpm in MW-171.

MW-91C

MW-91C is centrally located on 3501 Hampshire Glen Court adjacent to existing well MW-91 (**Figure 3**). Groundwater recovery was initiated on May 28, 2010 using a pneumatic submersible pump set at approximately 80 ft bgs, directly below the steel casing in the well. On June 28, 2010, the pump was lowered to 145 ft bgs which corresponds to an identified water-bearing fracture where maximum MTBE and benzene concentrations were identified during discrete interval packer sampling. Additionally, concentrations from this interval were observed to increase due to purging during packer testing indicating that recovery from this interval would be beneficial. At a pump depth of 80 ft bgs, the recovery ranged from 0.03 to 0.10 gpm. At a pump depth of 145 ft bgs, the recovery ranged from 0.09 to 0.28 gpm.

MW-54

MW-54 is 56 feet deep and is located at 14307 Jarrettsville Pike south of the two private supply wells located on that property (**Figure 3**). The 14307 Jarrettsville Pike supply wells have relatively shallow casings (less than 50 feet deep), and analytical results indicate that MTBE enters these wells, likely at a shallow depth. Based on this understanding, groundwater recovery was initiated in nearby monitoring well MW-54, which is located closer to the original line of hydrocarbon migration (“strike line”) in order to entrain and intercept dissolved-phase constituents that would otherwise be entrained by the aforementioned supply wells. This was accomplished using a pneumatic submersible pump set at approximately 51 ft-bgs on June 1, 2010. Groundwater recovery activities were initiated from MW-54 to enhance hydraulic capture in this area and improve groundwater quality associated with the 14307 Jarrettsville Pike supply wells. MW-54 intercepts dissolved-phase gasoline constituents from the shallow groundwater zone that contributes groundwater to these supply wells. The groundwater recovery rate for MW-54 ranges from 0.10 to 0.70 gpm.

MW-36R

MW-36R is located at 14307 Jarrettsville Pike adjacent to existing wells MW-36 and MW-36P (**Figure 3**). MW-36R is approximately 30 feet deeper than MW-36, and was installed as a replacement recovery well for MW-36, because the depth of MW-36 limits groundwater recovery. Groundwater recovery in MW-36R was initiated using a submersible pump set near the bottom of the well (approximately 80 ft-bgs). Pumping from MW-36 was terminated upon initiation of pumping from MW-36R. The groundwater recovery rate for MW-36R ranges from 0.74 to 2.86 gpm. This yield is consistent with the conceptual model, as MW-36R was open to the shallow fractured zone along the "strike line" that tends to exhibit the highest yield. It was also drilled to a greater depth for the purpose of increasing recovery yield at this location by having a longer section of borehole exposed to the aquifer.

MW-176

MW-176 is located in the northeast corner of 3501 Hampshire Glen Court (**Figure 3**). Groundwater recovery was initiated from this well using a submersible pneumatic pump to increase mass removal and enhance hydraulic control in this area. The pump is set to a depth corresponding to the bottom of the well casing (125 feet). This pump elevation maintains a staggered pump deployment in the direction of the source in order to provide local containment and mass removal without promoting further hydrocarbon migration away from the original source area. The groundwater recovery rate from MW-176 is 0.004 gpm. This relatively low groundwater recovery rate is characteristic of deeper C-zone groundwater monitoring wells that are open to the deeper, less permeable portion of the aquifer with the shallow water-bearing zone cased off.

MW-178C

MW-178C was installed as part of a well cluster which includes MW-178A and MW-178B located on 3501 Hampshire Glen Court (**Figure 3**). Minor MTBE concentrations were detected in MW-178A and MW-178B whereas higher MTBE concentrations were detected in MW-178C. Consequently, groundwater recovery was initiated from MW-178C using a submersible pneumatic pump set at approximately 125 ft bgs. This depth corresponds to the bottom of MW-178B and the bottom of the casing for MW-178C, resulting in approximately 34 feet of drawdown in MW-178C when pumped. The groundwater recovery for MW-178C is 0.04 gpm.

Analytical results from the near northeast area obtained before, during, and after enhanced remediation activities were implemented, strongly indicate a beneficial response to enhanced remediation activities. Of particular relevance are the marked concentration reductions in the private supply wells serving 3501 Hampshire Glen Court and 14307 Jarrettsville Pike which are below state action levels. Monitoring well MW-168 serves as a key indicator of remedial effectiveness. Groundwater concentrations associated with MW-168 are observed to decline in response to enhanced groundwater remediation activities in this area. HydraSleeve™ MTBE concentration charts for MW-168 are included as **Figure 11**. Additional recommendations for the continued future remediation of the near northeast area are presented in **Section 8.0**.

7.0 LOCALIZED CONCEPTUAL MODEL SUMMARY

This section provides a summary description of the localized conceptual model for the near northeast area, the component parts of which are presented and described throughout this document.

Characterization

Dissolved-phase hydrocarbon concentrations are characterized vertically and laterally beneath and in proximity to 3501 Hampshire Glen Court. The highest dissolved-phase concentrations beneath 3501 Hampshire Glen Court (core concentrations) are associated with C-series groundwater monitoring/recovery wells MW-178C, MW-91C, MW-176, and MW-168. Maximum concentrations in these wells reflect a linear NE-SW distribution trending through the middle of 3501 Hampshire Glen Court. This northeast-southwest orientation is generally parallel to the original orientation of hydrocarbon migration ("strike line"), and coincident with (1) the structural fabric beneath the property (i.e., foliation); (2) the structural orientation of open fractures measured in these wells; (3) a northeast-southwest trending microgravity anomaly; and (4) the orientation of a lithologic contact between schist and gneiss through this area.

These core concentrations are bounded laterally by eight C-series groundwater monitoring wells: PW-14311, PW-3501, MW-47C, MW-171C, MW-179C, MW-180C, MW-36C, and MW-181C and the downgradient 3506 Hampshire Glen Court supply well. Maximum concentrations associated with each of perimeter monitoring wells directly surrounding the core concentrations are less than 150 ug/L MTBE, which is one to three orders of magnitude less than the core concentrations. Collectively, these perimeter wells characterize the lateral extent of dissolved-phase hydrocarbons at depths to 300 ft-bgs beneath 3501 Hampshire Glen Court and vicinity. Additionally, supply wells outside of this core concentration area have exhibited low to no MTBE concentrations throughout the study period.

The vertical extent of dissolved phase hydrocarbons beneath the core concentration area is characterized at depth by MW-91D. MW-91D is located within the core concentration area; it is a double-cased monitoring well open to the bedrock from a depth of 400 to 420 ft-bgs. MTBE concentrations associated with MW-91D range from non-detect to 1.1 ug/L. Published literature and various lines of site-specific evidence indicate that fractures decrease with depth, reducing the overall permeability with depth and the potential for vertical transport. Though in a low permeability zone, MW-91D yields groundwater, and groundwater sampled from this monitoring well is characteristic of groundwater quality at depth beneath the near northeast area. Low to non-detect MTBE concentrations associated with MW-91D are consistent with decreasing concentrations beneath 145 feet, as sampled in MW-91C during packer sampling. Additionally, dissolved-phase hydrocarbon concentrations associated with wells MW-178C, MW-91C, MW-176, and MW-168 have been vertically profiled by packer and discrete interval HydraSleeve^{TM} groundwater sampling methods.

Migration Mechanisms

A unique combination of a preferential structural pathway and hydraulic influences in proximity to core hydrocarbon concentrations exists in the near northeast area:

- **Residual Dissolved Hydrocarbon Source -** A maximum concentration of 84,200 ug/L MTBE occurred in MW-54 shortly after MW-54 was activated as a recovery well. The occurrence of this apparent pumping-induced concentration suggests sufficient source strength in the area of 14307 Jarrettsville Pike to result in the concentrations measured at depth (downdip) and in the direction of MW-178C, MW-91C, MW-176, and MW-168 (along strike).

- **Pathway -** The lines of evidence presented herein are indicative of a northeast trending, northwest dipping zone of relative permeability compared to the surrounding unfractured rock extending through 3501 Hampshire Glen Court between the 14307 Jarrettsville Pike and 3506 Hampshire Glen Court supply wells. The relative permeability of this zone is still low when compared to that of fractured bedrock characteristic of shallow depths.

- **Hydraulic Influence -** Liquid phase hydrocarbon was detected beneath 14301 Jarrettsville Pike, 14307 Jarrettsville Pike, and in proximity to 3506 Hampshire Glen Court. Supply wells serving these properties were affected by gasoline or its constituents. Additionally, water usage from the 3506 Hampshire Glen Court and 14307 Jarrettsville Pike supply wells was measured to be above that used at other properties in the area. This suggests a proximal hydraulic stress which intermittently induces downdip groundwater movement from the original location of hydrocarbon migration (“strike line”).

- **Permeability -** Hydraulic testing data indicate the migration pathway is of relatively low permeability: hydraulic conductivity values range from 0.026 to 0.17 feet/day. The migration pathway is essentially a very low permeability preferential pathway compared to the surrounding rock which is effectively impermeable. Although the suspected migration pathway is preferential relative to the surrounding bedrock, the migration potential (velocity and distance) is low. Consequently, the dissolved concentrations at depth beneath 3501 Hampshire Glen Court are effectively constrained. These permeability findings are corroborated by perimeter C-series and private supply wells outside of the core concentration area that exhibit low to no MTBE concentrations.

<u>Response to Supplemental Remedial Measures</u>

Previously increasing influent concentrations associated with supply wells for 14307 Jarrettsville Pike and 3506 Hampshire Glen Court have reversed since supplemental remediation activities have been implemented. The MTBE concentration associated with the downgradient 3506 Hampshire Glen Court supply well has been less than the state action level of 20 ug/L since June of 2009, and has been non-detect or J-value for all analytes since June of 2010. The MTBE concentrations associated with the 14307 Jarrettsville Pike supply well have exhibited an overall decreasing trend since March 2010 and have been less than the state action level of 20 ug/L since June of 2011.

Both of these supply wells, including others in the area, remain protected by POET systems.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The extent of dissolved-phase hydrocarbon concentrations has been characterized; the suspected migration pathway and preferential groundwater migration mechanisms have been identified; and supplemental remediation measures have been effective at containing hydrocarbons migration, recovering hydrocarbon mass, and protecting and restoring water quality associated with nearby supply wells in proximity to the Near Northeast area.

Based on this evaluation and remediation performance observations, the following recommendations are provided:

- Continue the current MDE-approved groundwater extraction from the existing groundwater recovery well network in the near northeast area.

- Submit a work plan proposal to MDE for its review and approval to include the following activities:

    - Addition of ‘B’ and ‘C’ series monitoring wells to the MW-54 location, including a testing and sampling protocol to characterize the vertical distribution of hydrocarbons in this area.
    - Installation of an additional monitoring well at the MW-176 location, cased to 200 feet and open to 300 feet, to monitor remediation progress in this area from a sampling point not under the direct influence of active recovery operations (i.e., MW-176 is an extraction well).
    - Installation of additional groundwater remediation wells to be installed between MW-178C and MW-91C to enhance and expedite groundwater / hydrocarbon recovery.

- Maintain the current MDE-approved configuration and monitoring of MW-168 in order to track remediation progress.

- Subject to prior MDE approval, implement a proposed monitoring well sampling program, as described in **Appendix Q**, which has been modified based on the sampling results generated to date.

- Subject to prior MDE approval, conduct sampling and analysis of groundwater influent (and POET performance) samples on a monthly basis for 3506 Hampshire Glen Court and 14307 Jarrettsville Pike.

- Continue the current MDE-approved recording of flow totalizer readings for 3506 Hampshire Glen Court and 14307 Jarrettsville Pike on a monthly basis.

- Subject to prior MDE approval, discontinue monthly near northeast reporting to the MDE.

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Table 1
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Phoenix, MD

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7	MDE, January 6, 2009. *Northeast Area Evaluation and Drilling*. Case No. 2006-0303-BA2, Jacksonville Exxon R/S No. 2-8077, 14258 Jarrettsville Pike, Phoenix, Baltimore County, Maryland, Facility I.D. 12342
8	Kleinfelder, January 14, 2009. *Groundwater Evaluation*. 14307 Jarrettsville Pike, Phoenix, Baltimore County, Maryland
9	Kleinfelder, February 5, 2009. *Northeast Area Evaluation and Drilling*. Case Number 2006-0303-BA2. Phoenix, Baltimore County, Maryland
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Table 1
Near Northeast Area Documents and Correspondence
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

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30	Kleinfelder, January 13, 2011. *Proposed Additional Monitoring Well MW-38C*. Inactive Exxon Facility #28077, 14258 Jarrettsville Pike, Phoenix, Baltimore County, Maryland, MDE Case # 2006-0303-BA2.
31	MDE, February 25, 2011. *Approval of Proposal to Install MW-38C and Initiate Pumping from MW-178C*. Case No. 2006-0303-BA2, Former Exxon R/S No. 2-8077, 14258 Jarrettsville Pike, Phoenix, Baltimore County, Maryland, Facility I.D. 12342

Table 2
Near Northeast Area Well Construction Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Borehole Diameter (inch)	Well Diameter (inch)	Riser/ Casing Length (feet)	Screen Length/ Open Interval (feet)	Total Borehole Depth (ft-bgs)	Screen / Open Interval (ft-bgs)	TOC Elevation
MW-32	10	6	30	20	50	30-50	593.09
MW-36	10	6	15	30	50.5	15-45	590.49
MW-36C	15	10	125	175	300	125-300	590.26
MW-36P	6	2	15	30	45	15-45	589.83
MW-36R	10	6	30	50	80	30-80	589.54
MW-37	10	6	40	56	100	40-96	591.26
MW-37P	6	2	36	60	98	36-96	590.81
MW-38	10	6	23	40	70	23-63	595.05
MW-38B	10	6	68	57	125	68-125	596.00
MW-38C	15	10	125	175	300	125-300	595.50
MW-38P	6	2	23	40	63	23-63	595.92
MW-43A	6	2	20	20	40	20-40	575.95
MW-43B	6	2	45	10	55	45-55	576.94
MW-45	10	6	53	20	75	53-73	593.71
MW-45P	6	2	52.5	20	72.5	52.5-72.5	593.30
MW-45R	8	6	70	20	90	70-90	593.80
MW-47A	6	2	20	20	40	20-40	583.91
MW-47B	6	2	45	10	55	45-55	583.85
MW-47BB	10	6	55	70	125	55-125	587.27
MW-47C	15	10	125	175	300	125-300	587.43
MW-48A	6	2	20	20	40	20-40	569.69
MW-48B	6	2	45	10	55	45-55	569.60
MW-54	10	6	16	40	56	16-56	597.87
MW-57	10	6	25	40	65	25-65	582.30
MW-57P	6	2	20	50	70	20-70	582.19
MW-58	10	6	35	30	65	35-65	581.51
MW-58P	6	2	20	50	70	20-70	582.64
MW-58R	6	6	35	45	80	35-80	582.12
MW-59A	6	2	20	20	40	20-40	571.01
MW-59B	6	2	45	10	55	45-55	571.19
MW-59D	10	6	23	25	50	23-48	571.04
MW-73	10	6	25	40	65	25-65	600.37
MW-74	10	6	20	30	50	20-50	577.18
MW-75	10	6	25	25	50	25-50	574.00
MW-76	10	6	20	36	56	20-56	559.30
MW-76P	6	2	20	30	50	20-50	560.29
MW-84	10	6	40	20	60	40-60	592.95
MW-84P	6	2	40	20	60	40-60	593.13
MW-85	10	6	40	20	60	40-60	591.65
MW-85P	6	2	35	25	60	35-60	591.17
MW-86	10	6	40	20	60	40-60	591.05
MW-86P	6	2	35	25	60	35-60	590.86
MW-87	10	6	40	20	60	40-60	590.96
MW-87P	6	2	35	25	60	35-60	590.62

Table 2
Near Northeast Area Well Construction Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Borehole Diameter (inch)	Well Diameter (inch)	Riser/ Casing Length (feet)	Screen Length/ Open Interval (feet)	Total Borehole Depth (ft-bgs)	Screen / Open Interval (ft-bgs)	TOC Elevation
MW-88	10	6	37.5	20	60	37.5-57.5	592.43
MW-88P	6	2	40	20	60	40-60	592.71
MW-89	8	4	10	25	40	10-40	562.36
MW-90	10	6	20	30	50	20-50	578.33
MW-91	10	6	42	30	75	42-72	585.77
MW-91C	15	10	80	217.4	297.4	80-297.4	585.67
MW-91D	15	6	400	20	420	400-420	586.51
MW-107	8	4	15	30	45	15-45	584.93
MW-108	10	6	35	20	55	35-55	601.07
MW-110	10	6	25	35	60	25-60	585.10
MW-121	10	6	35	25	60	35-60	593.80
MW-137	10	6	15	30	45	15-45	563.56
MW-138	10	6	14	30	45	14-44	570.58
MW-142	10	6	30	35	65	30-65	583.87
MW-143	10	6	30	35	65	30-65	584.39
MW-166A	8	4	40	20	60	40-60	590.15
MW-166B	8	2	50	20	70	50-70	589.43
MW-167	10	6	30	30	60	30-60	581.01
MW-168	10	6	65	185	250	65-250	581.57
MW-169	15	10	39	111	150	39-150	581.45
MW-170	15	10	35	115	150	35-150	581.34
MW-171	15	10	36	94	130	36-130	581.59
MW-171C	15	10	125	123.6	248.6	125-248.6	581.26
MW-176	15	10	125	125.1	250.1	125-250.1	582.71
MW-177	15	10	125	125.5	250.5	125-250.5	581.30
MW-178A	10	6	43	30	73	43-73	592.67
MW-178B	10	6	75	50	125	75-125	592.25
MW-178C	15	10	125	175	300	125-300	592.44
MW-179A	10	6	40	40	80	40-80	587.48
MW-179C	15	10	80	170	250	80-250	586.86
MW-180A	10	6	35	40	75	35-75	589.49
MW-180C	15	10	125	175	300	125-300	589.02
MW-181A	10	6	30	30	60	30-60	594.37
MW-181B	10	6	60	65	125	60-125	594.28
MW-181C	15	10	125	175	300	125-300	594.49

NOTES:
ft-bgs = feet below ground surface
TOC = top of casing

Table 3
Near Northeast Area Sampling Methods and Depths
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, Maryland

Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-32 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 30-50	All sampling dates	< 1 Day	Recovery activities started 3/9/2006
MW-36	Monitoring Well	Conventional purge and sample: Prior to conversion to recovery well and after conversion back to a monitoring well 3 well volumes purged with bailer or pump, then sample collected with bailer; during operation as a recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 15-45	All sampling dates	< 1 Day	Recovery activities started 3/9/2006 and recovery activities ceased 12/28/2010
MW-36C	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole interval 125-300	Sample collected 11/30/2010	> 1 Week	
		HydraSleeve Composite	Open borehole interval 125-212.5	Sample collected 12/30/2010 (Sample identified as "MW-36C(HS-S)" in data table)		Composite sample of upper 1/2 of water column in open borehole
			Open borehole interval 212.5-300	Sample collected 12/30/2010 (Sample identified as "MW-36C(HS-D)" in data table)		Composite sample of lower 1/2 of water column in open borehole
MW-36P	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer, then sample collected with bailer	Screen interval 15-45	All sampling dates	< 1 Day	
MW-36R [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 30-80	All sampling dates	< 1 Day	Recovery activities started 12/28/2010
MW-37 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 40-96	All sampling dates	< 1 Day	Recovery activities started 3/10/2006-3/13/2006
MW-37P	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 36-96	All sampling dates	< 1 Day	
MW-38 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 23-63	All sampling dates	< 1 Day	Recovery activities started 3/10/2006, recovery activities ceased between 3/31/2008-4/16/2009, recovery activities restarted 4/17/2009
MW-38B	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open Borehole 68-125	All sampling dates	< 1 Day	
MW-38C	Monitoring Well	Grab sample with bailer	Open Borehole 125-300	All sampling dates	> 1 Month	

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Table 3
Near Northeast Area Sampling Methods and Depths
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-38P	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer, then sample collected with bailer	Screen interval 23-63	All sampling dates	< 1 Day	
MW-43A [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 20-40	All sampling dates	> 1 Day Limited by SWL[3]	Recovery activities started 4/19/2006-4/25/2006
MW-43B	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer or pump, then sample collected with bailer	Screen interval 45-55	All sampling dates	< 1 Day	
MW-45 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 53-73	All sampling dates	< 1 Day	Recovery activities started 3/10/2006-3/13/2006
MW-45P	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer or pump, then sample collected with bailer	Screen interval 52.5-72.5	All sampling dates	< 1 Day	
MW-45R [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 70-90	All sampling dates	< 1 Day	Recovery activities started 9/10/2008
MW-47A	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer, then sample collected with bailer	Screen interval 20-40	All sampling dates	< 1 Day	
MW-47B	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer or pump, then sample collected with bailer	Screen interval 45-55	All sampling dates	< 1 Day	
MW-47BB	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 55-125	All sampling dates	> 1 Day	
MW-47C	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole interval 125-300	Sample collected 12/1/2010	> 1 Month	
		HydraSleeve Composite	Open borehole interval 125-225	Sample collected 12/30/2010		Composite sample of upper 1/2 of water column in open borehole
			Open borehole interval 225-300	Sample collected 12/30/2010		Composite sample of lower 1/2 of water column in open borehole
MW-48A	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer, then sample collected with bailer	Screen interval 20-40	All sampling dates	< 1 Day	
MW-48B	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer or pump, then sample collected with bailer	Screen interval 45-55	All sampling dates	< 1 Day	

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Table 3
Near Northeast Area Sampling Methods and Depths
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Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-54 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 16-56	All sampling dates	< 1 Day	Recovery activities started 6/1/2010
MW-57 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 25-65	All sampling dates	< 1 Day	Recovery activities started 3/10/2006-3/13/2006
MW-57P	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer, then sample collected with bailer	Screen interval 20-70	All sampling dates	< 1 Day	
MW-58 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 35-65	All sampling dates	< 1 Day	Recovery activities started 3/10/2006-3/13/2006
MW-58P	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer, then sample collected with bailer	Screen interval 20-70	All sampling dates	< 1 Day	
MW-58R [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 35-80	All sampling dates	< 1 Day	Recovery activities started 4/17/2009
MW-59A	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer or pump, then sample collected with bailer	Screen interval 20-40	All sampling dates	< 1 Day	
MW-59B [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 45-55	All sampling dates	< 1 Day	Recovery activities started 3/31/2006-4/3/2006, Immovable Pneumatic Pump inside well, no recovery or monitoring since 4/11/2007
MW-59D [R]	Recovery Well	Conventional purge and sample: 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 23-48	All sampling dates	< 1 Day	Recovery activities started 3/17/2006-3/20/2006
MW-73	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 20-60	All sampling dates	< 1 Day	

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Near Northeast Area Sampling Methods and Depths
Inactive Exxon Facility #28077
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Phoenix, Maryland

Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-74 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 20-50	All sampling dates	< 1 Day	Recovery activities started 3/13/2006
MW-75 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 25-50	All sampling dates	< 1 Day	Recovery activities started 3/23/2006
MW-76 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 20-56	All sampling dates	< 1 Day	Recovery activities started 3/17/2006-3/20/2006
MW-76P	-	Not Sampled - Used for Gauging Only	-	-	-	
MW-84 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 40-60	All sampling dates	< 1 Day	Recovery activities started 3/23/2006
MW-84P	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer or pump, then sample collected with bailer	Screen interval 40-60	All sampling dates	< 1 Day	
MW-85 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 40-60	All sampling dates	< 1 Day	Recovery activities started 3/31/2006-4/3/2006
MW-85P	-	Not Sampled - Used for Gauging Only	-	-	-	
MW-86	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 40-60	All sampling dates	< 1 Day	
MW-86P	-	Not Sampled - Used for Gauging Only	-	-	-	
MW-87 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 40-60	All sampling dates	< 1 Day	Recovery activities started 1/30/2008-2/28/2008
MW-87P	-	Not Sampled - Used for Gauging Only	-	-	-	
MW-88	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer or pump, then sample collected with bailer	Screen interval 37.5-57.5	All sampling dates	< 1 Day	

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Table 3
Near Northeast Area Sampling Methods and Depths
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, Maryland

Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-88P	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer, then sample collected with bailer	Screen interval 40-60	All sampling dates	< 1 Day	
MW-89 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 10-35	All sampling dates	> 1 Day	Recovery activities started 6/17/2008
MW-90	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 20-50	All sampling dates	< 1 Day	
MW-91	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 42-72	All sampling dates	< 1 Day	
MW-91C [R]	Recovery Well	HydraSleeve Composite	Open borehole interval 80-190	Sample collected 5/27/2010, and 2/4/2011-2/22/2011 (Sample identified as "MW-91C(HS-S)" in data table)	> 1 Day	Composite sample of upper 1/2 of water column in open borehole
			Open borehole interval 190-300	Sample collected 5/27/2010, and 2/4/2011-2/22/2011 (Sample identified as "MW-91C(HS-D)" in data table)		Composite sample of lower 1/2 of water column in open borehole
		Packer Interval	Sampling interval 82-92	Samples collected 7/8/2010 (Samples identified in table as "MW-91C(82-92)0V1" and "MW-91C(82-92)57V1" in data table)		
			Sampling interval 92-102	Sample collected 7/13/2010 (Sample identified in table as "MW-91C(92-102)39V1" in data table)		
			Sampling interval 115-125	Sample collected 7/14/2010 (Sample identified as "MW-91C(115-125)44V1" in data table)		
			Sampling interval 143-153	Samples collected 7/14/2010 (Samples identified as "MW-91C(143-153)50V1", "MW-91C(143-153)60V1", and "MW-91C(143-153)85V1" in data table)		
			Sampling interval 155-165	Samples collected 7/19/2010 and 7/26/2010 (Samples identified as "MW-91C(155-165)54V1" and "MW-91C(155-165)64V1" in data table)		
			Sampling interval 208-218	Sample collected 7/27/2010 (Sample identified as "MW-91C(208-218)63V1" in data table)		
			Sampling interval 225-235	Sample collected 7/28/2010 (Sample identified as MW-91C(225-235)73V1" in data table)		
			Sampling interval 261-271	Samples collected 7/28/2010 and 7/29/2010 (Samples identified as "MW-91C(261-271)90V1" and "MW-91C(261-271)115V1" in data table)		
		Conventional purge and sample: 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Open borehole interval 80-300	Samples collected 6/4/2010-7/1/2010, 8/3/2010-1/24/2011, and 3/1/2011-Current		Recovery activities started 5/28/2010 and turned off during Packer Interval Sampling (7/2/2010 - 7/30/2010) and Cross-hole geophysical survey (1/28/2011 - 2/24/2011)
MW-91D	Monitoring Well	Purge and sampling: 3 well volumes purged with pump, then sample collected through pump line	Open borehole interval 400-420	Sample collected 12/1/2010	> 1 Month	Double cased well, outer 10" casing 0-300 feet, inner 6" casing 0-400 feet, open borehole 400-420 feet
		Conventional purge and sample: 3 well volumes purged with bailer, then sample collected with bailer	Open borehole interval 400-420	Sample collected 1/6/2011		

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Table 3
Near Northeast Area Sampling Methods and Depths
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14258 Jarrettsville Pike
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Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-107	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 15-45	All sampling dates	< 1 Day	
MW-108	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 35-55	All sampling dates	< 1 Day	
MW-110 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 25-60	All sampling dates	< 1 Day	Recovery activities started 4/14/2006-4/19/2006
MW-121 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 35-60	All sampling dates	< 1 Day	Recovery activities started 8/13/2008
MW-137 [R]	Recovery Well	Conventional purge and sample: Prior to conversion to recovery well 3 well volumes purged with bailer or pump, then sample collected with bailer; after well converted to recovery well 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Screen interval 15-45	All sampling dates	< 1 Day	Recovery activities started 4/25/2006-5/1/2006
MW-138	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 14-44	All sampling dates	< 1 Day	
MW-142	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 30-65	All sampling dates	< 1 Day	
MW-143	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 30-65	All sampling dates	< 1 Day	
MW-166A	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 40-60	All sampling dates	< 1 Day	
MW-166B	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer or pump, then sample collected with bailer	Screen interval 50-70	All sampling dates	< 1 Day	
MW-167	Monitoring Well	Conventional purge and sample: 3 well volumes purged with bailer or pump, then sample collected with bailer	Open borehole interval 30-60	All sampling dates	< 1 Day	

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Table 3
Near Northeast Area Sampling Methods and Depths
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Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-168	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole 65-250	Sample collected 3/17/2009	> 1 Day	
		Packer Interval	Sampling interval 65-69	Sample collected 3/12/2009 (Sample identified as "MW-168(65-69)" in data table)		
			Sampling interval 69-79	Sample collected 3/12/2009 (Sample identified as "MW-168(69-79)" in data table)		
			Sampling interval 82-92	Sample collected 3/12/2009 (Sample identified as "MW-168(82-92)" in data table)		
			Sampling interval 110-120	Sample collected 7/22/2010 (Sample identified as "MW-168(110-120)16V1" in data table)		
			Sampling interval 143-153	Sample collected 7/16/2010 (Sample identified as "MW-168(143-153)23V1" in data table)		
			Sampling interval 229-239	Sample collected 3/27/2009 (Sample identified as "MW-168(229-239)" in data table)		
			Sampling interval 230-240	Sample collected 7/23/2010 (Sample identified as "MW-168(230-240)42V1" in data table)		
		HydraSleeve Composite with K-Packer installed at 100 feet	Sampling interval 0-100	Samples collected 4/6/2009 and 5/13/2009 (Samples identified as "MW-168(0-100)" in data table)		
			Sampling interval 100-250	Samples collected 4/6/2009 and 5/13/2009 (Samples identified as "MW-168(100-250)" in data table)		
		HydraSleeve Interval with Packer installed at 143-153 feet	Sampling interval 115	Samples collected 7/13/2010-8/24/2010 (Samples identified as "MW-168(OP)" in data table)		Sampler set outside Packer
			Sampling interval 148	Samples collected 7/13/2010-8/24/2010 (Samples identified as "MW-168(IP)" in data table)		Sampler set inside Packer
		HydraSleeve Interval	Sampling interval 67	Samples collected 3/12/2009-3/2/2010 (Samples identified as "MW-168(67)" in data table)		
			Sampling interval 75	Samples collected 3/12/2009-3/23/2010 (Samples identified as "MW-168(75)" in data table)		
			Sampling interval 87	Samples collected 3/12/2009-3/23/2010 (Samples identified as "MW-168(87)" in data table)		
			Sampling interval 115	Samples collected 3/12/2009-Current (Samples identified as "MW-168(115)" in data table)		
			Sampling interval 148	Samples collected 3/12/2009-Current (Samples identified as "MW-168(148)" in data table)		
			Sampling interval 235	Samples collected 3/12/2009-Current (Samples identified as "MW-168(235)" in data table)		
MW-169 [R]	Recovery Well	HydraSleeve Composite	Sampling interval 39-100	Samples collected 5/13/2009, 5/14/2009, and 5/21/2009 (Samples identified as "MW-169(0-100)" in data table)	< 1 Day	
			Sampling interval 39-150	Samples collected 5/13/2009, 5/14/2009, and 5/21/2009 (Samples identified as "MW-169(0-150)" in data table)		
		Conventional purge and sample: 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Open borehole interval 39-150	Samples collected 5/28/2009-Current		Recovery activities started 5/26/2009

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Table 3
Near Northeast Area Sampling Methods and Depths
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Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-170 [R]	Recovery Well	HydraSleeve Composite	Sampling interval 35-100	Samples collected 5/14/2009 and 5/21/2009 (Samples identified as "MW-170(0-100)" in data table)	< 1 Day	
			Sampling interval 35-150	Samples collected 5/14/2009 and 5/21/2009 (Samples identified as "MW-170(0-150)" in data table)		
		Conventional purge and sample: 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Open borehole interval 35-150	Samples collected 5/28/2009-Current		Recovery activities started 5/26/2009
MW-171 [R]	Recovery Well	HydraSleeve Composite	Sampling interval 36-100	Samples collected 5/13/2009 and 5/21/2009 (Samples identified as "MW-171(0-100)" in data table)	< 1 Day	
			Sampling interval 36-130	Samples collected 5/13/2009 and 5/21/2009 (Samples identified as "MW-171(0-130)" in data table)		
		Conventional purge and sample: 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Open borehole 36-130	Samples collected 5/28/2009-Current		Recovery activities started 5/26/2009
MW-171C	Monitoring Well	Packer Interval	Sampling interval 128-138	Sample collected 8/20/2010 (Sample identified as "MW-171C(128-138)43V1" in data table)	> 1 Month	
			Sampling interval 145-155	Sample collected 8/23/2010 (Sample identified as "MW-171C(145-155)46V1" in data table)		
			Sampling interval 159-169	Sample collected 8/24/2010 (Sample identified as "MW-171C(159-169)48V1" in data table)		
			Sampling interval 223-233	Sample collected 8/25/2010 (Sample identified as "MW-171C(223-233)59V1" in data table)		
		HydraSleeve Composite	Sampling interval based on water level in well: Open borehole interval 125-187.5, 125-190, 125-192, 125-207, 125-213, and 125-216.5	Samples collected 5/27/2010-Current (Sampled identified as "MW-171C(HS-S)" in data table)		Composite sample of upper 1/2 of water column in open borehole
			Sampling interval based on water level in well: Open borehole interval 187.5-250, 190-250, 192-250, 207-250, 213-250, and 216.5-250	Samples collected 5/27/2010-Current (Sampled identified as "MW-171C(HS-D)" in data table)		Composite sample of lower 1/2 of water column in open borehole

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Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-176	Recovery Well	Packer Interval	Sampling interval 125-135	Sample collected 8/10/2010 (Sample identified as"MW-176(125-135)49V1" in data table)	> 1 Month	
			Sampling interval 150-160	Sample collected 8/11/2010 (Sample identified as"MW-176(150-160)48V1" in data table)		
			Sampling interval 164-174	Sample collected 8/12/2010 (Sample identified as"MW-176(164-174)51V1" in data table)		
			Sampling interval 182-192	Sample collected 8/13/2010 (Sample identified as"MW-176(182-192)47V1" in data table)		
			Sampling interval 209-219	Sample collected 8/16/2010 (Sample identified as"MW-176(209-219)52V1" in data table)		
			Sampling interval 233-243	Sample collected 8/17/2010 (Sample identified as"MW-176(233-243)62V1" in data table)		
		HydraSleeve Composite	Sampling interval based on water level in well: Open borehole interval 125-187.5, 125-189.5, 125-191.5, 125-193.5, 125-195, 125-196, 125-201.5, 125-208, and 125-220 feet	Samples collected 5/27/2010-9/28/2010 (Sampled identified as "MW-176(HS-S) in data table)		Composite sample of upper 1/2 of water column in open borehole
			Sampling interval based on water level in well: Open borehole interval 187.5-250, 189.5-250, 191.5-250, 193.5-250, 195-250, 196-250, 201.5-250, 208-250, and 220-250	Samples collected 5/27/2010-9/28/2010 (Sampled identified as "MW-176(HS-D) in data table)		Composite sample of lower 1/2 of water column in open borehole
		Conventional purge and sample: 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Open borehole interval 125-250	Samples collected 10/7/2010-Current		Recovery activities started 9/29/2010
MW-177	Monitoring Well	Packer Interval	Sampling interval 125-135	Samples collected 7/30/1020 (Samples identified as "MW-177(125-135)41V1", "MW-177(125-135)83V1", and "MW-177(125-135)127V1" in data table)	< 1 Day	
			Sampling interval 139-149	Sample collected 8/2/2010 (Sample identified as "MW-177(139-149)47V1" in data table)		
			Sampling interval 215-225	Sample collected 8/3/2010 (Sample identified as "MW-177(215-225)59V1" in data table)		
			Sampling interval 224-234	Sample collected 8/4/2010 (Sample identified as "MW-177(224-234)62V1" in data table)		
			Sampling interval 235-245	Sample collected 8/6/2010 (Sample identified as "MW-177(235-245)69V1" in data table)		
		HydraSleeve Interval	Sampling interval 130	Samples collected 5/27/2010-Current (Samples identified as MW-177(130)" in data table)		
			Sampling interval 143	Samples collected 5/27/2010-Current (Samples identified as MW-177(143)" in data table)		
			Sampling interval 220	Samples collected 5/27/2010-Current (Samples identified as MW-177(220)" in data table)		
			Sampling interval 228	Samples collected 5/27/2010-Current (Samples identified as MW-177(228)" in data table)		
			Sampling interval 236	Samples collected 5/27/2010-Current (Samples identified as MW-177(236)" in data table)		
MW-178A	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 43-73	All sampling dates	< 1 Day	
MW-178B	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole interval 75-125	All sampling dates	< 1 Day	

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Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-178C [R]	Recovery Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole interval 125-212.5	Sample collected 11/1/2010	> 1 Day	
		HydraSleeve Composite	Open borehole interval 125-212.5	Samples collected 11/16/2010-12/20/2010, and 2/4/2011-2/22/2011 (Sample identified as "MW-178C(HS-S)" in data table)		Composite sample of upper 1/2 of water column in open borehole
			Open borehole interval 212.5-300	Samples collected 11/16/2010-12/20/2010, and 2/4/2011-2/22/2011 (Sample identified as "MW-178C(HS-D)" in data table)		Composite sample of lower 1/2 of water column in open borehole
		HydraSleeve Interval	Sampling interval 146	Sample collected 12/21/2010 (Sample identified as "MW-178C(146)" in data table)		
			Sampling interval 168	Sample collected 12/21/2010 (Sample identified as "MW-178C(168)" in data table)		
			Sampling interval 212	Sample collected 12/21/2010 (Sample identified as "MW-178C(212)" in data table)		
			Sampling interval 300	Sample collected 12/21/2010 (Sample identified as "MW-178C(300)" in data table)		
		Conventional purge and sample: 3 well volumes purged using pump installed in well, then sample collected through remediation port at well head	Open borehole interval 125-300	Samples collected 12/20/2010-1/24/2011, 3/1/2011-Current		Recovery activities started 12/29/2010 and turned off during Cross-hole geophysical survey (1/28/2011-2/24/2011)
MW-179A	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 40-80	All sampling dates	< 1 Day	
MW-179C	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole interval 80-250	Sample collected 11/2/2010	> 1 Day	
		HydraSleeve Composite	Open borehole interval 80-165	Samples collected 11/30/2010 and 12/30/2010 (Samples identified as "MW-179C(HS-S)" in data table)		Composite sample of upper 1/2 of water column in open borehole
			Open borehole interval 165-250	Samples collected 11/30/2010 and 12/30/2010 (Samples identified as "MW-179C(HS-D)" in data table)		Composite sample of lower 1/2 of water column in open borehole
MW-180A	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 35-75	All sampling dates	< 1 Day	
MW-180C	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole interval 125-300	Sample collected 12/1/2010	> 1 Week	
		HydraSleeve Composite	Open borehole interval 125-212.5	Samples collected 12/30/2010 (Samples identified as "MW-180C(HS-S)" in data table)		Composite sample of upper 1/2 of water column in open borehole
			Open borehole interval 212.5-300	Samples collected 12/30/2010 (Samples identified as "MW-180C(HS-D)" in data table)		Composite sample of lower 1/2 of water column in open borehole
MW-181A	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Screen interval 30-60	All sampling dates	< 1 Day	
MW-181B	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole interval 60-125	All sampling dates	> 1 Week	

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Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
MW-181C	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole interval 125-300	Sample collected 12/1/2010	> 1 Week	
		HydraSleeve Composite	Open borehole interval 125-237	Samples collected 12/30/2010 (Samples identified as "MW-181C(HS-S)" in data table)		Composite sample of upper 1/2 of water column in open borehole
			Open borehole interval 237-300	Samples collected 12/30/2010 (Samples identified as "MW-181C(HS-D)" in data table)		Composite sample of lower 1/2 of water column in open borehole
PW-14311	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole interval 20-280	Samples collected 11/16/2006-12/14/2010	< 1 Day	Former potable well converted to monitoring well
		HydraSleeve Interval	Sampling Interval 38.5-40	Samples collected 1/28/2011-Current (Samples identified as "PW-14311(38.5-40)" in data table)	< 1 Day	Groundwater level below sampling interval
			Sampling Interval 49-51	Samples collected 1/28/2011-Current (Samples identified as "PW-14311(49-51)" in data table)		
			Sampling Interval 59-61	Samples collected 1/28/2011-Current (Samples identified as "PW-14311(59-61)" in data table)		
			Sampling Interval 110.5-113	Samples collected 1/28/2011-Current (Samples identified as "PW-14311(110.5-113)" in data table)		
			Sampling Interval 117	Samples collected 1/28/2011-Current (Samples identified as "PW-14311(117)" in data table)		
			Sampling interval 136	Samples collected 1/28/2011-Current (Samples identified as "PW-14311(136)" in data table)		
			Sampling Interval 155.5	Samples collected 1/28/2011-Current (Samples identified as "PW-14311(155.5)" in data table)		
			Sampling interval 237	Samples collected 1/28/2011-Current (Samples identified as "PW-14311(237)" in data table)		
			Sampling Interval 280	Samples collected 1/28/2011-Current (Samples identified as "PW-14311(280)" in data table)		
PW-3501	Monitoring Well	Conventional purge and sample: 3 well volumes purged with pump, then sample collected with bailer	Open borehole interval 42-300	Samples collected 7/14/2006-Current (Sampled Bi-Weekly, HydraSleeve Interval samples collected Quarterly)	< 1 Day	Former potable well converted to monitoring well
		HydraSleeve Interval	Sampling Interval 56-57.5	Samples collected 1/28/2011-Current (Samples identified as "PW-3501(56-57.5)" in data table)	< 1 Day	Sampled Quarterly
			Sampling Interval 69-70.5	Samples collected 1/28/2011-Current (Samples identified as "PW-3501(69-70.5)" in data table)		Sampled Quarterly
			Sampling Interval 88.5	Samples collected 1/28/2011-Current (Samples identified as "PW-3501(88.5)" in data table)		Sampled Quarterly
			Sampling Interval 131	Samples collected 1/28/2011-Current (Samples identified as "PW-3501(131)" in data table)		Sampled Quarterly
			Sampling Interval 147-148.5	Samples collected 1/28/2011-Current (Samples identified as "PW-3501(147-148.5)" in data table)		Sampled Quarterly
			Sampling interval 153	Samples collected 1/28/2011-Current (Samples identified as "PW-3501(153)" in data table)		Sampled Quarterly
			Sampling interval 220	Samples collected 1/28/2011-Current (Samples identified as "PW-3501(220)" in data table)		Sampled Quarterly
			Sampling interval 290	Samples collected 1/28/2011-Current (Samples identified as "PW-3501(290)" in data table)		Sampled Quarterly

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Well ID	Monitoring or Recovery Well (Current)	Sampling Method	Screen/Open Borehole/Sample Interval (ft) [1]	Sampling Dates	Recovery Rates [2]	Comment
PW-Hayes (A)	Monitoring Well	HydraSleeve Interval	Sampling interval 80.3	Sample collected 6/4/2010	< 1 Day	Active potable well
			Sampling interval 86.3	Sample collected 6/4/2010		
			Sampling interval 112.2	Sample collected 6/4/2010		
			Sampling interval 124.6	Sample collected 6/4/2010		
			Sampling interval 126.8	Sample collected 6/4/2010		
			Sampling interval 146.7	Sample collected 6/4/2010		
			Sampling interval 163	Sample collected 6/4/2010		
			Sampling interval 233.6	Sample collected 6/4/2010		
			Sampling interval 276.7	Sample collected 6/4/2010		
			Sampling interval 320	Sample collected 6/4/2010		
			Sampling interval 419.5	Sample collected 6/4/2010		
			Sampling interval 476.3	Sample collected 6/4/2010		
			Sampling interval 545.1	Sample collected 6/4/2010		
			Sampling interval 577.8	Sample collected 6/4/2010		

Notes:
1. Interval in feet for “screen interval” and “open borehole interval” is depth from ground surface, other “sampling intervals” are depth from top of casing
2. Categories represent duration for well to recover following purging
3. SWL = static water level
[R] = current well status is recovery

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Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-32 [R]	04/06/2006	7020	36000	6480	17700	67200	885000	1470 J	6270	47300	ND(25000)	
	04/11/2006	5990	34400	7700	23000	71090	604000	932 J	3820 J	33900	ND(63000)	
	04/18/2006	3820	23200	3950	12000	42970	591000	847 J	3660 J	34700	ND(25000)	
	05/16/2006	2080	14200	2740	8910	27930	253000	ND(10000)	1330 J	13600	ND(50000)	
	06/13/2006	721	6660	1150	7390	15921	106000	154 J	696	7140	ND(2500)	
	07/11/2006	638	6110	1410	6860	15018	81300	NA	NA	NA	5280	
	08/23/2006	275	2290	561	3960	7086	56200	NA	NA	NA	4430	
	11/08/2006	326	1900	331	2130	4687	62400	NA	NA	NA	3860 J	
	02/15/2007	26.2	146	22.2	311	505	2320	3.3 J	14.5 J	188	1020	
	05/09/2007	260	1500	264	1560	3584	19400	37.4	145	1410	1050	
	08/17/2007	367	2180	233	2140	4920	19700	71.7 J	158 J	1760	ND(2500)	
	02/18/2008	466	3390	455	2470	6781	14800	28.3 J	96.6 J	1170	504 J	
	05/21/2008	0.87 J	5.6	0.46 J	12.0	18.9	624	1.8 J	6.6	40.9	ND(25)	
	08/22/2008	15.9	94.1	4.8	266	381	1620	5.2	18.5	149	36.5	
	12/19/2008	20.7	31.2	ND(5.0)	180	232	1950	7.4 J	23.6 J	168	ND(130)	
	03/19/2009	25.7	75.7	3.4 J	171	276	2350	4.5 J	20.8 J	177	ND(130)	
	06/23/2009	3.2	1.4	0.50 J	145	150	722	3.4 J	10.2	33.2	11.6 J	
	09/10/2009	8.6	78.5	1.5	45.1	133.7	304	1.3 J	3.8 J	19.3	ND(25)	
	12/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	0.29 J	ND(5.0)	ND(25)	
	03/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.4	ND(5.0)	0.40 J	1.8 J	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.8	ND(5.0)	0.80 J	ND(5.0)	ND(25)	
	09/15/2010	ND(1.0)	0.47 J	ND(1.0)	2.1	2.6	18.7	ND(5.0)	0.46 J	0.68 J	ND(25)	
	12/15/2010	0.57 J	0.48 J	0.58 J	3.7	5.3	83.6	0.37 J	1.1 J	4.3 J	ND(25)	
	03/18/2011	ND(1.0)	0.33 J	ND(1.0)	0.52 J	0.85	4.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	0.25 J	ND(1.0)	ND(1.0)	0.25	1.5	ND(5.0)	0.25 J	ND(5.0)	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-36	03/07/2006	12300	33800	5000 J	10700	61800	1260000	ND(50000)	6170 J	41000 J	ND(250000)	
	03/21/2006	20700	145000	46700	121000	333400	1100000	1980 J	7400 J	51600	ND(50000)	
	04/04/2006	7520	19400	1950 J	4930 J	33800	558000	ND(25000)	4050 J	22600 J	ND(130000)	
	04/11/2006	11500	29200	3220 J	7580	51500	899000	1450 J	5650 J	32900	ND(130000)	
	04/18/2006	16100	57900	9110	24900	108010	749000	ND(25000)	5340 J	44100	ND(130000)	
	08/23/2006	4460	22000	2580	9070	38110	196000	NA	NA	NA	ND(13000)	
	09/20/2006	5300	31000	3380	12400	52080	317000	NA	NA	NA	ND(25000)	
	10/20/2006	2100	15800	2580	12400	32880	77100	NA	NA	NA	ND(5000)	
	11/08/2006	1720	12000	1510	7950	23180	97000	NA	NA	NA	ND(6300)	
	01/18/2007	1030	8600	1380	6670	17680	53400	ND(1300)	687 J	4860	ND(6300)	
	02/16/2007	752	7720	1040	8000	17512	48000	139	714	5860	ND(630)	
	03/14/2007	616	5700	1180	5980	13476	38400	ND(500)	438 J	3930	ND(2500)	
	04/11/2007	1110	11700	2130	11900	26840	56500	148 J	616	5030	563 J	
	05/09/2007	725	7180	1360	7330	16595	25800	ND(500)	375 J	2800	ND(2500)	
	06/05/2007	625	7370	1660	9410	19065	20600	70.8 J	278	2490	ND(1300)	
	07/19/2007	516	4910	931	6260	12617	14700	63.8 J	241 J	2100	ND(1300)	
	08/21/2007	259	2690	685	5650	9284	12500	27.5 J	106	1290	398 J	
	10/09/2007	44.6	92.0	3.5 J	369	509	12300	29.0	121	869	356	
	01/09/2008	38.4 J	313	50.7	647	1049	6310	ND(250)	38.1 J	605	ND(1300)	
	02/18/2008	157	1680	342	2880	5059	3540	12.3 J	ND(50)	508	196 J	
	03/17/2008	172	1680	364	3000	5216	4820	12.2 J	41.2	533	151	
	04/24/2008	129	1430	284	2660	4503	3520	9.7 J	34.8 J	420	ND(250)	
	05/15/2008	148	1500	303	2500	4451	3190	ND(100)	31.7 J	358	ND(500)	
	08/28/2008	46.3	601	186	1500	2333	731	2.0 J	7.3 J	96.0	ND(130)	
	12/19/2008	37.6	454	161	1580	2233	579	2.5 J	6.8 J	70.4	ND(63)	
	01/29/2009	9.8	40.5	2.2	230	283	325	1.3 J	4.0 J	42.7	23.3 J	
	02/26/2009	43.1	381	132	1850	2406	779	2.5 J	7.1	84.8	22.4 J	
	03/11/2009	24.1	58.6	15.4	868	966	640	2.2 J	6.6	69.1	17.9 J	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-36	04/20/2009	16.7	36.5	9.4	559	622	311	1.1 J	2.9 J	34.7	20.7 J	
	05/20/2009	19.8	250	33.3	878	1181	526	1.7 J	5.3 J	55.6	ND(63)	
	06/11/2009	22.8	263	25.0	963	1274	461	1.2 J	4.1 J	50.0	ND(63)	
	07/28/2009	35.9	318	34.4	849	1237	517	2.4 J	7.7	69.3	17.1 J	
	08/24/2009	26.4	177	22.9	864	1090	575	1.7 J	5.7	53.2	17.6 J	
	09/16/2009	22.6	171	18.4	611	823	465	1.9 J	5.8	51.2	ND(25)	
	10/15/2009	20.3	84.3	9.6	397	511	375	1.6 J	4.6 J	47.8	ND(25)	
	11/23/2009	24.7	150	15.2	501	691	554	1.8 J	5.3	52.0	ND(25)	
	12/28/2009	21.7	66.6	4.2	397	490	571	2.1 J	5.4	63.4	ND(25)	
	01/28/2010	27.3	141	18.1	591	777	426	1.6 J	4.1 J	42.7	ND(25)	
	02/23/2010	31.9	99.5	14.1	632	778	376	1.4 J	3.6 J	36.6	ND(25)	
	03/18/2010	32.7	97.8	12.1	466	609	393	2.4 J	5.9	48.0	ND(25)	
	04/20/2010	21.5	134	18.2	513	687	211	1.0 J	2.6 J	27.5	ND(25)	
	05/26/2010	19.8	47.0	4.0	302	373	250	1.2 J	2.8 J	33.2	ND(25)	
	06/10/2010	23.4	30.6	3.7	399	457	324	1.6 J	4.0 J	41.9	ND(25)	
	06/23/2010	26.2	28.3	4.4	413	472	381	ND(13)	4.6 J	49.7	ND(63)	
	07/14/2010	25.4	26.7	3.0	402	457	368	1.6 J	4.0 J	45.3	ND(63)	
	07/26/2010	56.1	189	51.5	1030	1327	599	2.4 J	5.9	69.5	13.7 J	
	08/09/2010	44.4	64.7	13.1	651	773	534	2.1 J	5.5 J	65.2	ND(130)	
	08/24/2010	46.7	63.9	13.3	568	692	462	2.0 J	5.2	61.0	ND(25)	
	09/07/2010	40.2	82.7	14.2	545	682	444	2.7 J	5.7 J	54.4	ND(63)	
	09/24/2010	7.2	0.75 J	ND(1.0)	13.2	21.2	297	2.5 J	5.6	18.3	ND(25)	
	10/12/2010	19.0	32.7	5.5	337	394	444	1.9 J	4.7 J	49.0	13.6 J	
	10/27/2010	35.0	134	24.7	918	1112	425	ND(25)	5.8 J	57.5	ND(130)	
	11/08/2010	19.3	49.5	6.4	299	374	502	2.5 J	7.7	63.9	247	
	11/29/2010	1.9	75.5	51.4	397	526	150	0.36 J	1.3 J	13.7	10.2 J	
	12/10/2010	ND(1.0)	1.5	ND(1.0)	8.6	10.1	91.0	0.36 J	2.8 J	6.7	ND(25)	
	12/28/2010	3.0	22.7	3.5	108	137	141	0.54 J	1.6 J	16.8	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-36	01/10/2011	ND(1.0)	2.7	1.0	33.2	36.9	8.2	ND(5.0)	ND(5.0)	0.75 J	ND(25)	
	01/28/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/04/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/24/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	3.0	3.0	0.49 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	2.1	2.1	86.9	ND(5.0)	1.0 J	4.6 J	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.4	1.4	0.44 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/29/2011	1.5	8.2	2.0	37.2	48.9	53.2	ND(5.0)	0.70 J	6.5	ND(25)	
	05/11/2011	6.2	11.4	ND(1.0)	124	142	287	1.6 J	4.0 J	43.7	ND(25)	
	05/23/2011	3.5	3.8	ND(1.0)	13.0	20.3	198	0.96 J	2.4 J	23.8	ND(25)	
	06/07/2011	0.78 J	1.8	0.38 J	20.1	23.1	90.5	0.31 J	1.1 J	11.3	ND(25)	
	06/28/2011	0.30 J	0.62 J	ND(1.0)	ND(1.0)	0.92	23.9	ND(5.0)	0.20 J	3.0 J	ND(25)	
	07/07/2011	0.26 J	0.80 J	ND(1.0)	3.7	4.8	39.6	ND(5.0)	0.40 J	ND(5.0)	ND(25)	
MW-36C	11/30/2010	ND(1.0)	9.1	ND(1.0)	ND(1.0)	9.1	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
MW-36C(HS-D)	12/30/2010	ND(1.0)	2.9	ND(1.0)	ND(1.0)	2.9	2.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/27/2011	ND(1.0)	2.8	ND(1.0)	ND(1.0)	2.8	2.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/04/2011	ND(1.0)	2.8	ND(1.0)	ND(1.0)	2.8	2.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/29/2011	8.2	23.5	2.2	7.2	41.1	14.1	ND(5.0)	0.41 J	1.5 J	ND(25)	
	04/28/2011	5.7	15.3	1.4	4.1	26.5	10.2	ND(5.0)	0.23 J	0.88 J	ND(25)	
	05/23/2011	5.4	2.0	1.5	4.9	13.8	10.4	ND(5.0)	0.27 J	0.89 J	ND(25)	
	06/27/2011	5.4	1.9	1.0	2.6	10.9	10.0	ND(5.0)	0.26 J	1.0 J	ND(25)	
MW-36C(HS-S)	12/30/2010	ND(1.0)	3.2	ND(1.0)	ND(1.0)	3.2	2.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/27/2011	ND(1.0)	2.8	ND(1.0)	ND(1.0)	2.8	2.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/04/2011	ND(1.0)	2.8	ND(1.0)	ND(1.0)	2.8	2.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/29/2011	6.5	18.7	1.7	5.3	32.2	11.9	ND(5.0)	ND(5.0)	1.2 J	ND(25)	
	04/28/2011	5.8	15.5	1.4	4.2	26.9	9.9	ND(5.0)	ND(5.0)	0.96 J	ND(25)	
	05/23/2011	3.7	4.8	1.1	3.6	13.2	8.9	ND(5.0)	0.22 J	0.65 J	ND(25)	
	06/27/2011	5.6	2.5	1.3	3.7	13.1	10.4	ND(5.0)	0.26 J	1.1 J	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-36P	01/26/2009	1.2	150	13.2	1170	1334	86.0	0.47 J	1.4 J	70.8	58.1	
	02/23/2009	0.92 J	108	9.8	710	829	84.6	0.46 J	1.1 J	46.8	54.3	
	03/09/2009	0.36 J	39.7	3.8	333	377	35.3	ND(5.0)	ND(5.0)	11.9	20.6 J	
	04/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/20/2009	1.8	0.95 J	0.32 J	52.4	55.5	230	ND(5.0)	1.6 J	17.8	ND(25)	
	06/11/2009	3.9	1.5	ND(1.0)	176	181	222	ND(5.0)	2.2 J	16.9	ND(25)	
	07/27/2009	11.4	1.5	0.46 J	164	177	543	2.1 J	6.7	40.4	ND(25)	
	08/25/2009	3.5	0.31 J	ND(1.0)	67.9	71.7	192	0.44 J	2.0 J	10.7	ND(25)	
	09/16/2009	6.3	6.2	0.80 J	164	177	219	ND(10)	2.1 J	18.9	ND(50)	
	10/19/2009	19.3	13.4	2.1	229	264	175	0.52 J	2.0 J	14.3	ND(25)	
	11/23/2009	27.5	71.6	3.9	703	806	164	0.50 J	2.1 J	12.5	ND(25)	
	12/22/2009	5.9	60.0	ND(1.0)	321	387	105	ND(5.0)	1.4 J	5.8	ND(25)	
	01/26/2010	12.2	289	57.3	669	1028	127	0.40 J	1.7 J	11.0	ND(25)	
	02/22/2010	36.8	1560	209	1650	3456	174	ND(50)	ND(50)	19.4 J	ND(250)	
	03/22/2010	118	3690	637	4600	9045	368	ND(100)	ND(100)	75.8 J	ND(500)	
	04/21/2010	40.8	1390	123	3200	4754	87.1	ND(50)	ND(50)	20.7 J	ND(250)	
	05/27/2010	29.4	153	49.6	1370	1602	107	ND(25)	ND(25)	18.9 J	ND(130)	
	06/07/2010	30.9	2310	508	5680	8529	140	ND(25)	1.8 J	15.0 J	ND(130)	
	06/22/2010	23.3	194	58.4	1070	1346	228	ND(25)	3.2 J	19.1 J	ND(130)	
	07/14/2010	28.4	2170	483	3500	6181	195	ND(13)	2.7 J	15.8	ND(63)	
	07/26/2010	15.9	616	27.5	2150	2809	171	ND(10)	2.2 J	14.8	ND(50)	
	08/09/2010	41.5	2040	503	4270	6855	268	ND(100)	ND(100)	23.3 J	ND(500)	
	08/23/2010	32.5	1380	296	3050	4759	234	ND(25)	3.1 J	23.3 J	ND(130)	
	09/07/2010	31.1	915	130	2560	3636	312	ND(50)	3.4 J	36.7 J	ND(250)	
	09/22/2010	19.1	474	31.8	1820	2345	255	ND(25)	3.0 J	30.6	ND(130)	
	10/14/2010	16.8	156	11.6	1210	1394	217	ND(25)	2.9 J	16.3 J	ND(130)	
	10/26/2010	39.3	166	27.9	1220	1453	515	2.3 J	6.5	60.3	ND(25)	
	11/10/2010	12.1	330	11.6	539	893	450	1.7 J	6.5 J	49.0	207	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-36P	11/29/2010	8.9	201	26.3	1210	1446	152	ND(10)	1.9 J	14.4	ND(50)	
	12/10/2010	13.6	59.5	11.2	632	716	392	1.5 J	4.7 J	53.0	36.9	
	12/27/2010	12.9	144	31.6	1180	1369	454	1.8 J	5.1	49.8	33.0	
	01/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	01/28/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/04/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/24/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/08/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/23/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	04/07/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	04/29/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	05/11/2011	1.3	3.0	ND(1.0)	26.3	30.6	301	1.5 J	3.9 J	44.7	10.5 J	
	05/23/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	06/07/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	06/28/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-36R [R]	11/04/2010	0.42 J	2.1	0.35 J	6.7	9.6	54.6	ND(5.0)	1.4 J	2.4 J	ND(25)	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	89.2	ND(5.0)	1.2 J	2.6 J	ND(25)	
	12/29/2010	5.4	30.0	7.8	146	189	209	0.74 J	2.7 J	18.4	12.6 J	
	01/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.43 J	0.43	227	0.40 J	1.7 J	12.7	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	224	0.48 J	1.8 J	12.9	ND(25)	
	01/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	214	0.46 J	1.7 J	12.7	ND(25)	
	01/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	185	0.37 J	1.5 J	10.7	ND(25)	
	02/04/2011	ND(1.0)	0.52 J	ND(1.0)	2.3	2.8	109	ND(5.0)	0.91 J	7.9	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.1	1.1	156	0.42 J	1.8 J	9.7	ND(25)	
	02/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	76.1	ND(5.0)	0.83 J	5.7	ND(25)	
	02/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	194	0.45 J	2.0 J	13.1	ND(25)	
	03/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	217	0.47 J	2.0 J	13.7	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	183	0.49 J	1.9 J	10.9	ND(25)	
	03/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	135	ND(5.0)	1.5 J	7.3	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	119	ND(5.0)	1.6 J	6.9	ND(25)	
	04/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	109	ND(5.0)	0.99 J	6.0	ND(25)	
	04/12/2011	0.26 J	ND(1.0)	ND(1.0)	0.34 J	0.60	120	ND(5.0)	1.4 J	8.2	29.7	
	04/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	138	ND(5.0)	1.5 J	9.4	ND(25)	
	04/26/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	156	0.56 J	2.1 J	11.4	ND(25)	
	05/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	167	0.62 J	2.4 J	12.9	ND(25)	
	05/10/2011	0.46 J	ND(1.0)	ND(1.0)	0.94 J	1.40	144	ND(5.0)	1.1 J	10.6	ND(25)	
	05/17/2011	0.26 J	0.37 J	ND(1.0)	2.4	3.0	187	0.98 J	2.4 J	24.6	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	115	ND(5.0)	1.2 J	6.7	ND(25)	
	05/31/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	138	0.46 J	1.8 J	9.4	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	122	0.49 J	1.9 J	7.9	ND(25)	
	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	145	0.44 J	2.1 J	11.9	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	149	0.42 J	1.9 J	10.6	ND(25)	

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Near Northeast Area Groundwater Analytical Results
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Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-37 [R]	03/07/2006	ND(1.0)	0.67 J	ND(1.0)	ND(1.0)	0.67	0.91 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2006	ND(1.0)	1.8	1.1	2.6	5.5	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/13/2006	4.7	37.7	22.1	89.2	153.7	5.4	ND(5.0)	ND(5.0)	1.1 J	ND(25)	
	03/16/2006	0.84 J	4.8	1.2	3.8	10.6	2.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/21/2006	ND(1.0)	1.1	0.35 J	1.2	2.7	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/28/2006	0.72 J	4.4	0.60 J	12.5	18.2	0.53 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/04/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/11/2006	8.3	0.46 J	ND(1.0)	ND(1.0)	8.8	0.74 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/18/2006	0.75 J	0.66 J	ND(1.0)	ND(1.0)	1.41	0.70 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/15/2006	15.3	0.68 J	ND(1.0)	ND(1.0)	16.0	2.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	64.8	NA	NA	NA	ND(25)	
	11/08/2006	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	BRL	768	NA	NA	NA	ND(63)	
	02/16/2007	ND(1.0)	0.45 J	ND(1.0)	ND(1.0)	0.45	133	1.6 J	3.9 J	4.0 J	ND(25)	
	05/09/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	50.6	16.7	24.4	ND(5.0)	ND(25)	
	08/21/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	366	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/30/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	37.2	7.4	ND(5.0)	1.9 J	ND(25)	
	02/18/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	32.8	7.2	8.2	0.47 J	ND(25)	
	05/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	77.0	9.1	14.0	1.1 J	ND(25)	
	08/28/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	17.7	2.1 J	2.8 J	ND(5.0)	ND(25)	
	12/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.7	2.5 J	2.3 J	ND(5.0)	ND(25)	
	01/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.2	2.3 J	2.1 J	ND(5.0)	ND(25)	
	02/26/2009	0.32 J	ND(1.0)	ND(1.0)	ND(1.0)	0.32	7.8	2.1 J	1.5 J	ND(5.0)	ND(25)	
	03/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.4	2.2 J	2.0 J	ND(5.0)	ND(25)	
	04/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.1	1.6 J	1.3 J	ND(5.0)	ND(25)	
	05/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	16.5	3.2 J	2.0 J	ND(5.0)	ND(25)	
	06/11/2009	0.54 J	ND(1.0)	ND(1.0)	ND(1.0)	0.54	60.0	3.4 J	2.5 J	1.9 J	ND(25)	
	07/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	41.3	6.3	4.8 J	0.66 J	ND(25)	
	08/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	125	9.0	5.8	3.4 J	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-37 [R]	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.9	12.7	4.3 J	0.56 J	ND(25)	
	10/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.2	8.5	4.2 J	0.81 J	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	43.8	6.3	3.6 J	1.2 J	ND(25)	
	12/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	26.2	6.9	5.2	ND(5.0)	ND(25)	
	01/28/2010	0.36 J	ND(1.0)	ND(1.0)	0.49 J	0.85	43.6	4.2 J	3.7 J	1.6 J	ND(25)	
	02/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	1.4 J	1.2 J	ND(5.0)	ND(25)	
	03/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.2	1.3 J	1.3 J	ND(5.0)	ND(25)	
	04/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	0.53 J	0.69 J	ND(5.0)	ND(25)	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.36 J	ND(5.0)	0.29 J	ND(5.0)	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.47 J	0.71 J	0.50 J	ND(5.0)	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.6	0.76 J	0.60 J	ND(5.0)	ND(25)	
	07/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/26/2010	13.9	1.0	ND(1.0)	22.1	37.0	254	1.8 J	3.7 J	14.6	ND(25)	
	08/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.8	1.6 J	1.1 J	ND(5.0)	ND(25)	
	08/24/2010	18.9	15.9	3.1 J	154	192	526	2.3 J	7.0 J	36.6	ND(130)	
	09/07/2010	8.5	1.7	ND(1.0)	17.1	27.3	390	2.6 J	7.3	20.2	ND(25)	
	09/24/2010	6.0	0.66 J	ND(1.0)	12.4	19.1	302	1.5 J	4.7 J	19.1	ND(25)	
	10/12/2010	20.6	5.2	ND(1.0)	42.0	67.8	696	3.9 J	10.5	36.1	6.9 J	
	10/27/2010	11.0	2.5	ND(1.0)	26.2	39.7	374	2.6 J	6.8	23.6	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.78 J	1.6 J	1.0 J	ND(5.0)	ND(25)	
	11/29/2010	17.3	3.9	ND(1.0)	40.2	61.4	536	3.3 J	8.2	28.9	ND(25)	
	12/10/2010	18.5	4.7	ND(1.0)	48.1	71.3	491	3.0 J	8.2	31.2	21.1 J	
	12/28/2010	19.6	4.6	ND(1.0)	47.6	71.8	566	4.0 J	10	32.9	ND(25)	
	01/11/2011	18.2	4.0	ND(1.0)	40.3	62.5	547	3.3 J	8.7	32.4	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	6.2	6.7	12.9	1.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/25/2011	11.9	2.6	ND(1.0)	26.3	40.8	501	3.3 J	9.4	28.7	7.5 J	
	03/09/2011	10.5	2.1 J	ND(2.5)	26.5	39.1	375	2.5 J	6.7 J	24.6	ND(63)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.37 J	0.86 J	0.54 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-37 [R]	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	170	0.99 J	2.6 J	4.0 J	42.5	
	04/27/2011	0.69 J	ND(1.0)	ND(1.0)	1.1	1.8	1170	7.0	21.5	41.4	24.1 J	
	05/11/2011	ND(1.0)	ND(1.0)	0.57 J	3.7	4.3	0.62 J	1.0 J	0.61 J	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	1.3	3.1	4.4	2.0	0.53 J	0.49 J	ND(5.0)	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.44 J	0.44	1.6	0.41 J	0.55 J	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.32 J	0.32	1.6	0.46 J	0.58 J	ND(5.0)	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.49 J	1.8 J	4.9 J	ND(5.0)	ND(25)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-37P	12/14/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.69 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/26/2009	0.29 J	ND(1.0)	ND(1.0)	ND(1.0)	0.29	1.0	0.77 J	1.3 J	ND(5.0)	ND(25)	
	02/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.87 J	0.83 J	1.4 J	ND(5.0)	ND(25)	
	03/09/2009	0.32 J	ND(1.0)	ND(1.0)	ND(1.0)	0.32	6.3	0.76 J	1.3 J	ND(5.0)	ND(25)	
	04/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.33 J	0.52 J	0.94 J	ND(5.0)	ND(25)	
	05/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.9	1.3 J	3.2 J	ND(5.0)	ND(25)	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	2.2 J	6.5	ND(5.0)	ND(25)	
	07/27/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	2.2 J	18.3	ND(5.0)	ND(25)	
	08/25/2009	41.6	ND(5.0)	ND(5.0)	29.3	70.9	1800	8.5 J	29.1	109	ND(130)	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.62 J	0.96 J	3.7 J	ND(5.0)	ND(25)	
	10/19/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	47.1	3.6 J	12.5	0.92 J	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	0.64 J	0.64	47.2	3.4 J	10.4	1.4 J	ND(25)	
	12/22/2009	30.3	ND(1.0)	ND(1.0)	30.6	60.9	687	10.7	30.3	55.8	ND(25)	
	01/26/2010	0.53 J	ND(1.0)	ND(1.0)	ND(1.0)	0.53	130	3.0 J	6.8	6.9	ND(25)	
	02/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.2	2.8 J	6.2	ND(5.0)	ND(25)	
	03/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.29 J	0.52 J	0.63 J	ND(5.0)	ND(25)	
	05/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/10/2010	ND(1.0)	1.1	ND(1.0)	ND(1.0)	1.1	0.25 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	111	0.99 J	2.4 J	6.8	ND(25)	
	10/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.8	2.2 J	4.6 J	ND(5.0)	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	1.4 J	3.9 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-37P	11/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	1.8 J	4.6 J	ND(5.0)	ND(25)	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	1.5 J	4.4 J	ND(5.0)	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	1.4 J	4.1 J	ND(5.0)	ND(25)	
	12/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	1.5 J	4.3 J	ND(5.0)	ND(25)	
	01/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	1.5 J	4.2 J	ND(5.0)	ND(25)	
	01/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.34 J	1.2 J	3.3 J	ND(5.0)	ND(25)	
	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	1.4 J	3.8 J	ND(5.0)	ND(25)	
	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.5	1.5 J	4.0 J	1.0 J	ND(25)	
	02/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	88.1	1.7 J	4.8 J	2.3 J	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	1.5 J	4.1 J	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	1.5 J	4.0 J	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.72 J	0.56 J	1.5 J	ND(5.0)	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.40 J	1.3 J	3.4 J	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	77.2	2.1 J	6.6	1.7 J	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	1.9 J	5.7	ND(5.0)	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.42 J	1.6 J	4.1 J	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.31 J	1.7 J	3.9 J	ND(5.0)	ND(25)	
	07/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.61 J	1.9 J	4.9 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38 [R]	03/07/2006	ND(1.0)	0.81 J	ND(1.0)	ND(1.0)	0.81	2.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2006	ND(1.0)	1.2	0.32 J	0.51 J	2.0	2.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/13/2006	1.0	11.4	6.5	22.3	41.2	3.8	ND(5.0)	ND(5.0)	0.79 J	ND(25)	
	03/17/2006	ND(1.0)	1.3	1.2	4.8	7.3	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/21/2006	ND(1.0)	0.49 J	0.46 J	2.6	3.6	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/28/2006	13.8	13.7	2.0	45.9	75.4	13.6	ND(5.0)	0.45 J	3.8 J	ND(25)	
	04/04/2006	1.3	4.4	0.79 J	5.0	11.5	2.0	ND(5.0)	ND(5.0)	0.71 J	ND(25)	
	04/11/2006	175	420	16.2	300	911	498	6.2 J	19.1 J	197	ND(130)	
	04/18/2006	147	323	17.9	552	1040	457	5.9	19.4	197	ND(25)	
	05/15/2006	36.4	169	11.1	171	388	252	4.1 J	12.2	127	15.8 J	
	08/23/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	11/08/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	02/16/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	26.7	ND(5.0)	0.42 J	2.0 J	ND(25)	
	05/09/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	174	ND(5.0)	3.0 J	12.5	ND(25)	
	08/21/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/27/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.7	ND(5.0)	0.59 J	ND(5.0)	ND(25)	
	09/13/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/09/2007	ND(1.0)	0.71 J	ND(1.0)	ND(1.0)	0.71	2.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/23/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.42 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/30/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.58 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/21/2007	ND(1.0)	0.64 J	ND(1.0)	ND(1.0)	0.64	3.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/17/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.50 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/31/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.6	1.3 J	2.5 J	0.95 J	ND(25)	
	01/09/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.1	ND(5.0)	0.68 J	0.85 J	ND(25)	
	02/11/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	139	2.8 J	5.8	6.0	ND(25)	
	02/18/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.63 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38 [R]	03/04/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	No Access
	03/17/2008	0.87 J	ND(1.0)	ND(1.0)	ND(1.0)	0.87	1010	10.4	30.3	58.4	ND(25)	
	04/07/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	0.67 J	0.93 J	ND(5.0)	ND(25)	
	05/20/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/12/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	441	7.3	17.6	23.7	ND(25)	
	01/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	412	8.5	20.4	23.0	ND(25)	
	02/23/2009	1.5	0.61 J	ND(1.0)	0.99 J	3.1	743	11.5	28.0	42.7	ND(25)	
	03/09/2009	2.5 J	ND(5.0)	ND(5.0)	ND(5.0)	2.5	813	9.7 J	23.7 J	46.6	ND(130)	
	04/20/2009	8.5	14.5	1.6 J	7.8	32.4	1350	10.3	28.9	90.7	ND(50)	
	05/20/2009	34.3	25.3	9.7	34.2	103.5	1610	16.8	41.7	149	672	
	06/11/2009	30.0	27.4	ND(10)	21.9	79.3	1750	11.8 J	33.8 J	140	ND(250)	
	07/28/2009	8.8	1.6 J	ND(2.0)	6.6	17.0	1130	8.3 J	21.3	92.0	ND(50)	
	08/24/2009	20.4	4.6	ND(1.0)	23.3	48.3	1080	9.4	23.2	87.4	ND(25)	
	09/16/2009	20.8	3.4	ND(1.0)	20.2	44.4	884	9.2	21.4	76.0	7.5 J	
	10/15/2009	148	25.6	ND(5.0)	191	365	2800	19.8 J	56.4	295	ND(130)	
	11/23/2009	11.5	1.5	ND(1.0)	12.5	25.5	787	6.3	15.7	60.7	ND(25)	
	12/28/2009	13.4	1.5	ND(1.0)	15.0	29.9	682	6.1	14.6	53.4	ND(25)	
	01/28/2010	13.8	1.4	ND(1.0)	17.6	32.8	620	4.9 J	12.2	42.1	ND(25)	
	02/23/2010	11.4	1.2	ND(1.0)	15.4	28.0	467	3.8 J	9.7	34.7	ND(25)	
	03/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	128	2.7 J	7.1	7.5	ND(25)	
	04/20/2010	19.3	2.9	ND(1.0)	27.5	49.7	849	4.6 J	12.1	45.1	ND(25)	
	05/26/2010	16.3	2.2	ND(1.0)	26.8	45.3	724	3.8 J	10.3	40.9	ND(25)	
	06/10/2010	11.8	1.5	ND(1.0)	19.8	33.1	571	3.3 J	9.3	31.3	ND(25)	
	06/23/2010	19.3	2.4	ND(1.0)	32.0	53.7	728	4.5 J	11.4	41.0	ND(25)	
	07/14/2010	16.6	2.1	ND(1.0)	27.6	46.3	630	3.8 J	10.0	34.0	ND(25)	
	07/26/2010	24.1	2.6	ND(1.0)	51.0	77.7	603	3.0 J	7.9	30.9	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38 [R]	08/09/2010	21.7	3.2 J	ND(5.0)	37.9	62.8	995	4.3 J	12.3 J	47.2	ND(130)	
	08/24/2010	13.2	2.0	ND(1.0)	25.2	40.4	631	3.2 J	9.1	32.1	ND(25)	
	09/07/2010	20.0	3.6	ND(1.0)	39.8	63.4	711	4.3 J	11.6	37.0	ND(25)	
	09/24/2010	6.0	0.62 J	ND(1.0)	11.8	18.4	310	1.7 J	4.6 J	19.5	ND(25)	
	10/12/2010	23.9	6.1	ND(1.0)	49.3	79.3	707	4.6 J	12.6	43.1	7.7 J	
	10/27/2010	11.3	2.5	ND(1.0)	25.9	39.7	392	2.7 J	6.9	24.4	4.9 J	
	11/08/2010	23.1	5.7	ND(1.0)	49.1	77.9	696	4.6 J	14.5	42.3	381	
	11/29/2010	19.0	4.6	ND(1.0)	42.7	66.3	483	3.2 J	8.7	31.4	7.2 J	
	12/10/2010	18.8	4.7	ND(1.0)	49.7	73.2	496	3.0 J	8.4	31.8	21.9 J	
	12/28/2010	20.2	4.7	ND(1.0)	50.3	75.2	557	3.7 J	9.5	32.1	ND(25)	
	01/11/2011	24.3	6.0	ND(1.0)	63.0	93.3	586	4.4 J	11.6	42.0	ND(25)	
	01/25/2011	16.7	3.7	ND(1.0)	42.1	62.5	528	2.9 J	7.7	27.4	ND(25)	
	02/08/2011	13.5	3.0	11.4	39.9	67.8	501	3.1 J	8.7	30.9	7.2 J	
	02/25/2011	12.3	2.7	ND(1.0)	27.6	42.6	517	3.6 J	9.6	29.3	ND(25)	
	03/09/2011	11.1	2.1 J	ND(2.5)	27.5	40.7	379	2.4 J	6.8 J	25.8	ND(63)	
	03/29/2011	10	1.8	ND(1.0)	22.7	35	468	3.2 J	8.1	26.3	ND(25)	
	04/07/2011	7.9	1.5	ND(1.0)	19.1	28.5	292	2.2 J	5.8	19.1	81.0	
	04/27/2011	8.1	1.5	ND(1.0)	19.7	29.3	299	2.2 J	5.3	15.1	ND(25)	
	05/11/2011	7.4	0.89 J	ND(1.0)	11.9	20.2	279	2.5 J	6.1	16.5	ND(25)	
	05/24/2011	3.8	0.38 J	ND(1.0)	6.0	10.2	148	1.0 J	2.3 J	8.2	ND(25)	
	06/07/2011	6.7	0.62 J	ND(1.0)	11.5	18.8	336	1.9 J	5.5	18.4	ND(25)	
	06/28/2011	4.3	0.31 J	ND(1.0)	5.8	10.4	279	1.8 J	4.6 J	14.2	12.8 J	
	07/08/2011	4.2	0.24 J	ND(1.0)	6.0	10.4	213	1.5 J	3.7 J	11.5	ND(25)	
MW-38B	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	272	5.3	12.7	10.9	33.2	
	04/29/2011	1.0	ND(1.0)	ND(1.0)	2.5	3.5	165	5.5	10.5	7.3	10.3 J	
	05/24/2011	0.86 J	0.25 J	ND(1.0)	2.5	3.6	152	4.1 J	8.7	6.6	9.9 J	
	07/07/2011	5.9	0.42 J	ND(1.0)	18.0	24.3	166	4.2 J	7.2	10.6	13.8 J	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38C	04/12/2011	52.6	59.4	ND(50)	ND(50)	112.0	15600	29.9 J	145 J	626	ND(1300)	
	05/05/2011	246	429	37.6 J	98.4	811	17800	41.1 J	170 J	710	ND(1300)	
	05/10/2011	136	201	16.5 J	44.3 J	398	17800	41.4 J	200 J	765	425 J	
	05/17/2011	53.3	56.8	2.9 J	10.3	123.3	10200	21.8 J	96.1	443	178 J	
	05/24/2011	72.6	71.1	ND(20)	ND(20)	143.7	26700	46.0 J	209	950	1200	
	05/31/2011	52.1	59.4	ND(50)	ND(50)	111.5	21600	51.6 J	214 J	922	ND(1300)	
	06/07/2011	78.9	112	ND(50)	ND(50)	191	25100	ND(250)	274	1040	11500	
	06/14/2011	59.8	81.1	ND(20)	11.9 J	152.8	20100	47.9 J	205	886	1370	
	07/05/2011	34.3	40.2	ND(20)	ND(20)	74.5	18000	36.2 J	175	790	733	
	07/12/2011	46.2	68.9	ND(25)	ND(25)	115.1	17200	40.1 J	186	755	1740	
	07/19/2011	74.3	107	ND(25)	17.9 J	199	22600	48.0 J	228	978	827	
MW-38C(HS-D)	06/23/2011	33.4 J	34.0 J	ND(50)	ND(50)	67.4	24700	53.5 J	256	1070	1720	
	06/27/2011	42.8 J	53.8	ND(50)	ND(50)	96.6	21600	58.4 J	227 J	941	ND(1300)	
MW-38C(HS-S)	06/23/2011	36.2 J	45.1 J	ND(50)	ND(50)	81.3	24500	49.3 J	236 J	1010	1780	
	06/27/2011	44.1 J	56.0	ND(50)	ND(50)	100.1	22600	58.2 J	224 J	916	ND(1300)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38P	12/14/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/26/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/11/2009	0.49 J	1.3	ND(1.0)	ND(1.0)	1.8	22.6	1.9 J	3.1 J	0.94 J	ND(25)	
	07/27/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.91 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/19/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	0.71 J	0.71	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2010	ND(1.0)	1.3	0.34 J	1.9	3.5	5.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.38 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.46 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.39 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.3	ND(5.0)	0.35 J	ND(5.0)	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38P	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.3	ND(5.0)	0.37 J	ND(5.0)	ND(25)	
	12/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/21/2011	0.41 J	ND(1.0)	ND(1.0)	1.3	1.7	6.1	0.63 J	0.57 J	ND(5.0)	ND(25)	
	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.2	ND(5.0)	0.38 J	ND(5.0)	ND(25)	
	02/04/2011	0.60 J	ND(1.0)	ND(1.0)	1.5	2.1	17.1	0.58 J	0.85 J	0.97 J	ND(25)	
	02/24/2011	0.27 J	ND(1.0)	ND(1.0)	0.52 J	0.79	3.2	0.57 J	0.54 J	ND(5.0)	ND(25)	
	03/08/2011	3.4	ND(1.0)	ND(1.0)	11.9	15.3	20.9	0.96 J	1.1 J	2.3 J	ND(25)	
	03/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.25 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-43A [R]	03/06/2006	ND(1.0)	0.32 J	ND(1.0)	ND(1.0)	0.32	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/13/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2006	0.55 J	3.1	0.48 J	1.1	5.2	17.6	ND(5.0)	ND(5.0)	0.58 J	ND(25)	
	03/22/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	73.0	ND(5.0)	0.37 J	1.8 J	ND(25)	
	03/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/04/2006	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	579	ND(25)	4.0 J	22.4 J	ND(130)	
	04/13/2006	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	727	ND(25)	4.9 J	27.0	ND(130)	
	04/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	730	1.2 J	4.7 J	28.1	ND(25)	
	04/25/2006	0.89 J	2.8	ND(2.5)	ND(2.5)	3.7	660	ND(13)	2.8 J	20.4	ND(63)	
	05/01/2006	ND(2.0)	1.0 J	ND(2.0)	ND(2.0)	1.0	586	ND(10)	2.2 J	16.8	ND(50)	
	05/15/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	187	ND(5.0)	0.56 J	6.5	ND(25)	
	05/23/2006	ND(2.0)	1.3 J	ND(2.0)	1.1 J	2.4	277	ND(10)	ND(10)	9.9 J	ND(50)	
	05/30/2006	ND(1.0)	0.74 J	ND(1.0)	0.48 J	1.22	244	ND(5.0)	ND(5.0)	8.0	ND(25)	
	06/07/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	139	ND(5.0)	ND(5.0)	4.1 J	ND(25)	
	06/13/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	163	ND(5.0)	ND(5.0)	5.5	ND(25)	
	06/20/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	127	ND(5.0)	ND(5.0)	3.5 J	ND(25)	
	06/30/2006	0.45 J	1.9	0.24 J	0.91 J	3.5	203	NA	NA	NA	ND(25)	
	07/07/2006	ND(1.0)	0.28 J	ND(1.0)	ND(1.0)	0.28	190	NA	NA	NA	ND(25)	
	07/11/2006	ND(1.0)	0.89 J	0.40 J	1.4	2.7	198	NA	NA	NA	ND(25)	
	07/20/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	274	NA	NA	NA	ND(25)	
	07/27/2006	63.4	314	63.3	306	747	1940	NA	NA	NA	ND(130)	
	08/01/2006	3.7	72.4	32.1	182	290	42.7	NA	NA	NA	ND(25)	
	08/09/2006	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	316	NA	NA	NA	ND(50)	
	08/22/2006	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	219	NA	NA	NA	ND(50)	
	08/31/2006	ND(1.0)	0.28 J	ND(1.0)	0.31 J	0.59	149	NA	NA	NA	ND(25)	
	09/05/2006	ND(1.0)	0.91 J	ND(1.0)	1.4	2.3	82.9	NA	NA	NA	ND(25)	
	09/19/2006	ND(1.0)	0.23 J	ND(1.0)	ND(1.0)	0.23	114	NA	NA	NA	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-43A [R]	10/03/2006	ND(1.0)	0.61 J	ND(1.0)	ND(1.0)	0.61	53.8	NA	NA	NA	ND(25)	
	10/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	82.3	NA	NA	NA	ND(25)	
	11/08/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	58.0	NA	NA	NA	ND(25)	
	11/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	47.8	ND(5.0)	0.65 J	2.9 J	ND(25)	
	12/05/2006	ND(1.0)	0.63 J	ND(1.0)	ND(1.0)	0.63	25.1	ND(5.0)	0.47 J	1.0 J	ND(25)	
	12/22/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	72.2	ND(5.0)	0.71 J	4.9 J	ND(25)	
	01/03/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.0	ND(5.0)	0.38 J	1.1 J	ND(25)	
	01/18/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/30/2007	ND(1.0)	0.31 J	ND(1.0)	ND(1.0)	0.31	9.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/16/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.6	ND(5.0)	0.44 J	0.45 J	ND(25)	
	02/28/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.7	ND(5.0)	0.37 J	1.1 J	ND(25)	
	03/15/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/28/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/24/2007	0.96 J	7.7	3.2	21.5	33.4	176	ND(5.0)	5.1	84.8	ND(25)	
	05/08/2007	ND(1.0)	ND(1.0)	ND(1.0)	2.5	2.5	15.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.64 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/21/2007	ND(1.0)	ND(1.0)	0.35 J	3.5	3.9	7.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/19/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/02/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/16/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	02/18/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	03/13/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/01/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	0.61 J	ND(5.0)	ND(25)	
	04/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	1.0 J	ND(5.0)	ND(25)	
	04/25/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.25 J	ND(5.0)	0.58 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-43A [R]	04/29/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.37 J	0.60 J	1.5 J	ND(5.0)	ND(25)	
	02/19/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	1.4 J	4.3 J	ND(5.0)	ND(25)	
	03/11/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	04/21/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	05/21/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	06/11/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	07/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/25/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.31 J	ND(5.0)	0.30 J	ND(5.0)	ND(25)	
	04/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	0.43 J	ND(5.0)	ND(25)	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.72 J	0.72	18.0	ND(5.0)	0.79 J	1.0 J	ND(25)	
	09/24/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-43A [R]	10/12/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	10/27/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/29/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/10/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/28/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	01/11/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	01/20/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/08/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/28/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/09/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.36 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	2.2	ND(1.0)	1.3	3.5	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-43B	03/06/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2006	ND(1.0)	0.34 J	ND(1.0)	ND(1.0)	0.34	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/13/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2006	ND(25)	25.6	ND(25)	ND(25)	25.6	133	ND(130)	ND(130)	ND(130)	ND(630)	
	03/22/2006	0.62 J	1.5	ND(1.0)	ND(1.0)	2.1	5.8	ND(5.0)	ND(5.0)	0.55 J	ND(25)	
	03/28/2006	ND(1.0)	0.33 J	ND(1.0)	ND(1.0)	0.33	2.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/04/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.89 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/13/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/25/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/01/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.4	ND(5.0)	ND(5.0)	0.42 J	ND(25)	
	05/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	34.3	ND(5.0)	ND(5.0)	1.0 J	ND(25)	
	05/15/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	46.1	ND(5.0)	ND(5.0)	1.4 J	ND(25)	
	05/24/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	66.5	ND(5.0)	ND(5.0)	2.1 J	ND(25)	
	05/31/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	101	ND(5.0)	ND(5.0)	2.9 J	ND(25)	
	06/06/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	91.2	ND(5.0)	0.64 J	3.2 J	ND(25)	
	06/16/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	195	ND(5.0)	0.96 J	5.4	ND(25)	
	06/22/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	228	0.30 J	1.1 J	7.3	ND(25)	
	06/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	173	NA	NA	NA	ND(25)	
	07/07/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	73.7	NA	NA	NA	ND(25)	
	07/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	108	NA	NA	NA	ND(25)	
	07/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	93.0	NA	NA	NA	ND(25)	
	07/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	82.0	NA	NA	NA	ND(25)	
	08/02/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	39.2	NA	NA	NA	ND(25)	
	08/09/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.1	NA	NA	NA	ND(25)	
	08/22/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.7	NA	NA	NA	ND(25)	
	08/31/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	11.9	NA	NA	NA	ND(25)	
	09/05/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.0	NA	NA	NA	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-43B	09/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.7	NA	NA	NA	ND(25)	
	10/03/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	NA	NA	NA	ND(25)	
	10/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.1	NA	NA	NA	ND(25)	
	11/09/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.67 J	NA	NA	NA	ND(25)	
	11/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/05/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/03/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/19/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/30/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/28/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/15/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.48 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/28/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/24/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/21/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.66 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/02/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.76 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/27/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/14/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.95 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/15/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/23/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/02/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	11.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/19/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-43B	12/12/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/17/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/02/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/10/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/11/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	No Access
	02/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/05/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/14/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/01/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.2	ND(5.0)	0.78 J	ND(5.0)	ND(25)	
	04/29/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/11/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/18/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/16/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/17/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/26/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.53 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.24 J	0.34 J	0.92 J	ND(5.0)	ND(25)	
	05/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.52 J	0.66 J	1.9 J	ND(5.0)	ND(25)	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	5.5	20.2	ND(5.0)	ND(25)	
	07/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.68 J	6.7	23.4	ND(5.0)	ND(25)	
	08/12/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.8	5.9	19.0	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-43B	09/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.83 J	3.6 J	12.5	ND(5.0)	ND(25)	
	10/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.0	2.8 J	10	ND(5.0)	ND(25)	
	11/30/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	3.3 J	10.4	ND(5.0)	ND(25)	
	12/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	0.42 J	0.48 J	ND(5.0)	ND(25)	
	01/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/19/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-43B	03/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/26/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-45 [R]	03/10/2006	2360	4020	ND(1000)	ND(1000)	6380	498000	553 J	2180 J	12100	ND(25000)	
	03/16/2006	ND(100)	ND(100)	ND(100)	ND(100)	BRL	23000	36.9 J	165 J	892	ND(2500)	
	03/21/2006	ND(10)	ND(10)	ND(10)	ND(10)	BRL	5720	7.4 J	27.0 J	150	ND(250)	
	03/29/2006	ND(5.0)	2.0 J	ND(5.0)	20.2	22.2	2290	3.6 J	14.4 J	75.7	ND(130)	
	04/11/2006	ND(20)	ND(20)	ND(20)	ND(20)	BRL	2920	ND(100)	16.4 J	99.1 J	ND(500)	
	04/18/2006	ND(25)	16.3 J	ND(25)	16.7 J	33.0	3120	ND(130)	11.6 J	93.3 J	ND(630)	
	05/16/2006	ND(40)	ND(40)	ND(40)	ND(40)	BRL	5440	ND(200)	31.1 J	159 J	ND(1000)	
	08/23/2006	ND(25)	ND(25)	ND(25)	ND(25)	BRL	12500	NA	NA	NA	ND(630)	
	11/08/2006	0.58 J	ND(1.0)	ND(1.0)	0.54 J	1.12	16400	NA	NA	NA	808	
	02/16/2007	ND(5.0)	2.8 J	ND(5.0)	ND(5.0)	2.8	4360	26.2	91.6	217	121 J	
	05/09/2007	ND(10)	ND(10)	ND(10)	ND(10)	BRL	2850	11.9 J	50.5	122	ND(250)	
	08/22/2007	ND(10)	ND(10)	ND(10)	ND(10)	BRL	12200	34.7 J	112	552	ND(250)	
	10/30/2007	5.3 J	ND(10)	ND(10)	ND(10)	5.3	17600	44.2 J	152	844	ND(250)	
	12/11/2007	ND(10)	ND(10)	ND(10)	ND(10)	BRL	15000	34.4 J	143	813	ND(250)	
	02/19/2008	0.43 J	ND(1.0)	ND(1.0)	0.72 J	1.15	20700	38.1	139	1040	672	
	05/22/2008	5.6	0.22 J	ND(1.0)	0.52 J	6.3	15500	32.9	114	720	58.2	
	08/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4010	23.7	74.2	178 J	ND(25)	
	12/19/2008	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	1030	5.0 J	21.3	34.2	ND(50)	
	01/29/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	3810	6.1 J	27.4	189	ND(130)	
	02/23/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	3420	4.8 J	18.6 J	112	ND(130)	
	03/12/2009	82.8	653	84.7	375	1196	6720	14.5 J	62.0 J	574	ND(500)	
	04/20/2009	ND(10)	ND(10)	ND(10)	ND(10)	BRL	5330	7.6 J	31.0 J	217	ND(250)	
	05/20/2009	ND(10)	ND(10)	ND(10)	ND(10)	BRL	2830	ND(50)	22.1 J	57.0	ND(250)	
	06/11/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	1110	2.1 J	10.1 J	22.8 J	ND(130)	
	07/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	347	0.88 J	4.3 J	2.0 J	ND(25)	
	08/27/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	87.6	1.1 J	4.3 J	0.72 J	ND(25)	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	73.9	0.74 J	3.1 J	ND(5.0)	ND(25)	
	10/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	99.5	1.1 J	4.0 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-45 [R]	11/30/2009	ND(1.0)	0.36 J	ND(1.0)	ND(1.0)	0.36	40.3	0.96 J	3.8 J	ND(5.0)	ND(25)	
	12/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	56.7	1.3 J	5.0	0.70 J	ND(25)	
	01/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.3	0.66 J	2.4 J	ND(5.0)	ND(25)	
	02/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1500	4.8 J	17.6	49.7	34.0	
	03/18/2010	9.7	0.49 J	ND(1.0)	0.83 J	11.0	1640	11.7	38.2	74.6	33.4	
	04/20/2010	0.54 J	ND(1.0)	ND(1.0)	ND(1.0)	0.54	1280	11.8	33.7	38.9	224	
	05/25/2010	ND(5.0)	ND(5.0)	ND(5.0)	3.1 J	3.1	2170	12.9 J	34.9	73.9	111 J	
	06/10/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	2090	12.1 J	37.7	63.7	ND(130)	
	06/23/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	2900	12.7 J	44.6	78.6	ND(130)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.1	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	241	1.0 J	3.2 J	4.7 J	ND(25)	
	08/10/2010	ND(10)	ND(10)	ND(10)	ND(10)	BRL	3060	14.3 J	51.0	85.6	ND(250)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	690	6.2	14.9	20.0	2.2 J	
	09/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.2	0.43 J	1.3 J	ND(5.0)	ND(25)	
	09/29/2010	0.34 J	ND(1.0)	ND(1.0)	1.4	1.7	619	2.5 J	8.8	60.8	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.84 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.8	ND(5.0)	0.29 J	ND(5.0)	ND(25)	
	11/08/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	3800	18.3 J	69.6	113	1570	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.3	ND(5.0)	0.49 J	ND(5.0)	ND(25)	
	12/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	ND(5.0)	0.76 J	ND(5.0)	ND(25)	
	12/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	ND(5.0)	0.61 J	ND(5.0)	ND(25)	
	01/11/2011	105	14.2	0.90 J	28.9	149	2130	8.1	19.7	226	76.3	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	36.8	0.38 J	1.1 J	ND(5.0)	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	0.46 J	0.74 J	ND(5.0)	ND(25)	
	02/28/2011	ND(10)	ND(10)	ND(10)	ND(10)	BRL	1660	7.5 J	23.7 J	44.9 J	ND(250)	
	03/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	17.4	ND(5.0)	0.40 J	ND(5.0)	ND(25)	
	03/29/2011	0.28 J	ND(1.0)	ND(1.0)	ND(1.0)	0.28	1980	11.3	33.5	60.9	20.0 J	
	04/07/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	3120	11.9 J	42.0	92.7	ND(130)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-45 [R]	04/27/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	2700	11.1 J	40.5	80.8	ND(130)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	996	9.9	27.3	43.5	ND(25)	
	05/24/2011	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	BRL	1460	6.8 J	21.1	36.5	ND(63)	
	06/08/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	1340	6.5 J	20.9	37.5	ND(50)	
	06/28/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	1620	6.4 J	21.3	41.6	61.2	
	07/08/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	1800	6.5 J	22.8 J	47.8	ND(130)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-45P	01/26/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/23/2009	210	2.2	ND(1.0)	168	380	10300	31.0	80.6	1110	281	
	03/09/2009	211	ND(50)	ND(50)	76.7	288	9470	21.9 J	57.3 J	960	ND(1300)	
	04/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/20/2009	36.4	ND(1.0)	ND(1.0)	16.9	53.3	1080	3.7 J	9.3	107	ND(25)	
	06/11/2009	233	ND(10)	ND(10)	336	569	7200	16.0 J	43.0 J	616	ND(250)	
	07/27/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/27/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/16/2009	136	ND(25)	ND(25)	105	241	2550	ND(130)	13.9 J	191	ND(630)	
	10/19/2009	15.9	35.6	4.1	332	388	141	0.44 J	1.8 J	10.4	ND(25)	
	11/23/2009	7.8	81.9	4.3	182	276	157	0.46 J	1.8 J	13.2	ND(25)	
	12/29/2009	16.2	ND(2.5)	ND(2.5)	40.6	56.8	1260	5.3 J	12.1 J	122	41.4 J	
	01/26/2010	0.81 J	ND(2.0)	ND(2.0)	ND(2.0)	0.81	1270	4.4 J	8.4 J	106	207	
	02/22/2010	68.1	ND(5.0)	ND(5.0)	77.7	145.8	3110	9.3 J	23.0 J	266	191	
	03/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2010	2.2	ND(1.0)	ND(1.0)	20.6	22.8	53.8	ND(5.0)	0.45 J	4.8 J	ND(25)	
	05/27/2010	11.1	77.2	15.5	354	458	390	1.2 J	5.5	20.9	58.0	
	06/07/2010	261	43.1	ND(5.0)	496	800	4720	14.2 J	33.3	361	148	
	06/24/2010	11.3	ND(10)	ND(10)	227	238	3950	16.6 J	34.4 J	353	110 J	
	07/15/2010	ND(10)	ND(10)	ND(10)	3.8 J	3.8	3430	10.5 J	22.8 J	283	239 J	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/09/2010	24.0	34.4	6.0	366	430	1420	4.6 J	15.8	112	43.5 J	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.60 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/26/2010	ND(1.0)	0.67 J	ND(1.0)	ND(1.0)	0.67	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-45P	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/27/2010	10.7	1.5	ND(1.0)	2.7	14.9	854	2.9 J	7.0	79.1	32.0	
	01/12/2011	161	19.2	0.74 J	41.9	223	2670	10.9	24.5	255	69.9	
	01/27/2011	113	10.7	ND(10)	22.1	146	2050	7.8 J	19.2 J	229	ND(250)	
	02/07/2011	70.2	5.5	ND(5.0)	13.7	89.4	1990	7.0 J	17.8 J	196	67.4 J	
	02/24/2011	79.3	6.7 J	ND(10)	19.7	105.7	1570	ND(50)	13.2 J	152	ND(250)	
	03/08/2011	44.4	3.6	ND(1.0)	9.4	57.4	1490	5.7	13.8	162	59.6	
	03/23/2011	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	14.4	ND(5.0)	ND(5.0)	1.4 J	ND(25)	
	04/07/2011	0.47 J	ND(1.0)	ND(1.0)	ND(1.0)	0.47	3.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/27/2011	0.54 J	ND(1.0)	ND(1.0)	ND(1.0)	0.54	3.5	ND(5.0)	ND(5.0)	0.64 J	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/26/2011	87.0	14.5	3.7	58.6	163.8	806	3.6 J	8.2	99.4	27.1	
	06/06/2011	13.7	1.2	ND(1.0)	3.2	18.1	618	3.0 J	6.2	68.0	21.9 J	
	06/28/2011	3.6	0.31 J	ND(1.0)	1.1	5.0	447	1.9 J	3.9 J	43.0	38.0	
	07/07/2011	99.9	30.0	3.5	204	337	1490	6.9	15.1	173	51.9	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-45R [R]	08/07/2008	1.4	ND(1.0)	ND(1.0)	8.4	9.8	366	ND(5.0)	3.9 J	24.4	ND(25)	
	08/26/2008	3.3	2.5	ND(1.0)	12.1	17.9	879	3.8 J	11.9	64.0	30.2	
	12/19/2008	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	BRL	1880	3.8 J	13.2	53.3	ND(63)	
	01/29/2009	0.63 J	ND(1.0)	ND(1.0)	ND(1.0)	0.63	968	2.7 J	10.7	28.2	ND(25)	
	02/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	909	3.7 J	14.2	19.0	16.7 J	
	03/12/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	1340	2.7 J	13.7 J	44.3	ND(130)	
	04/20/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	2090	5.3 J	21.9 J	64.4	ND(130)	
	05/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1770	6.1	23.3	53.3	12.5 J	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	226	1.1 J	4.2 J	4.5 J	ND(25)	
	07/28/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	3140	10.9 J	42.3	205	71.1 J	
	08/25/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	188	0.83 J	3.3 J	6.7	ND(25)	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	14.5	ND(5.0)	0.22 J	0.79 J	ND(25)	
	10/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	65.0	0.61 J	1.9 J	2.8 J	ND(25)	
	11/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	27.3	ND(5.0)	0.70 J	0.87 J	ND(25)	
	12/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	0.73 J	0.73	5.5	ND(5.0)	ND(5.0)	0.70 J	ND(25)	
	01/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	50.8	ND(5.0)	0.85 J	1.5 J	ND(25)	
	02/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	54.3	ND(5.0)	0.93 J	1.3 J	ND(25)	
	03/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	196	0.70 J	2.9 J	7.2	ND(25)	
	04/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	84.3	0.96 J	4.1 J	1.1 J	13.8 J	
	05/25/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	63.5	0.79 J	2.7 J	1.1 J	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	54.6	0.96 J	3.5 J	0.67 J	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.6	1.0 J	3.7 J	ND(5.0)	ND(25)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.6	0.45 J	1.3 J	ND(5.0)	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	201	0.97 J	3.3 J	4.8 J	ND(25)	
	08/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	36.8	0.81 J	3.0 J	ND(5.0)	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	25.1	ND(5.0)	1.1 J	0.59 J	ND(25)	
	09/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.2	0.43 J	1.3 J	ND(5.0)	ND(25)	
	09/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.2	ND(5.0)	0.72 J	ND(5.0)	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-45R [R]	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.85 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.3	ND(5.0)	0.60 J	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.2	ND(5.0)	0.45 J	ND(5.0)	ND(25)	
	12/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.6	ND(5.0)	0.75 J	ND(5.0)	ND(25)	
	12/29/2010	37.6	3.9 J	ND(10)	6.9 J	48.4	2060	6.4 J	15.2 J	197	107 J	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	44.5	0.55 J	4.1 J	1.0 J	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	41.1	0.56 J	1.4 J	0.66 J	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3020	13.1	48.5	108	8.8 J	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	0.33 J	ND(5.0)	ND(25)	
	03/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	17.8	ND(5.0)	0.38 J	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	0.54 J	0.93 J	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	0.58 J	0.96 J	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	0.66 J	1.2 J	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	0.64 J	1.1 J	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.9	0.81 J	1.9 J	ND(5.0)	ND(25)	
	06/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.2	0.60 J	1.1 J	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	129	0.93 J	2.5 J	1.9 J	ND(25)	
	07/08/2011	0.23 J	ND(1.0)	ND(1.0)	ND(1.0)	0.23	61.3	0.59 J	1.7 J	1.8 J	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-47A	03/06/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2006	ND(1.0)	0.57 J	ND(1.0)	ND(1.0)	0.57	0.81 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/13/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.91 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2006	0.56 J	1.8	ND(1.0)	ND(1.0)	2.4	29.0	ND(5.0)	ND(5.0)	0.91 J	ND(25)	
	03/22/2006	0.63 J	2.6	0.46 J	0.98 J	4.7	1.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/04/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/13/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/15/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	08/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	02/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/19/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	05/21/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	08/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/11/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/17/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	06/09/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	09/14/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/21/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/06/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry since 6/4/2007

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-47A	06/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-47B	03/06/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2006	ND(1.0)	1.1	ND(1.0)	ND(1.0)	1.1	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/13/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2006	10.4	31.5	3.5	8.6	54.0	30.9	ND(5.0)	0.55 J	4.3 J	ND(25)	
	03/22/2006	2.3	2.7	ND(1.0)	0.96 J	6.0	8.8	ND(5.0)	ND(5.0)	1.4 J	ND(25)	
	03/28/2006	0.27 J	0.54 J	ND(1.0)	ND(1.0)	0.81	2.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/04/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/13/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.73 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/15/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	08/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	11/09/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	02/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/02/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/08/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-47B	06/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
MW-47BB	10/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.52 J	ND(5.0)	0.28 J	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/17/2010	ND(1.0)	0.48 J	ND(1.0)	ND(1.0)	0.48	0.37 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.44 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/17/2011	ND(1.0)	0.31 J	ND(1.0)	ND(1.0)	0.31	0.83 J	ND(5.0)	0.31 J	ND(5.0)	ND(25)	
	03/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.84 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
MW-47C	12/01/2010	ND(1.0)	3.0	ND(1.0)	ND(1.0)	3.0	32.9	ND(5.0)	0.42 J	1.2 J	ND(25)	
MW-47C(HS-D)	12/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	29.8	ND(5.0)	0.38 J	1.2 J	ND(25)	
	01/28/2011	ND(1.0)	0.39 J	ND(1.0)	ND(1.0)	0.39	32.3	ND(5.0)	0.45 J	1.3 J	ND(25)	
	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.8	ND(5.0)	0.42 J	1.3 J	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	35.7	ND(5.0)	0.56 J	1.7 J	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	32.1	ND(5.0)	0.48 J	1.7 J	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	26.7	ND(5.0)	0.36 J	1.3 J	ND(25)	
	06/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	31.2	ND(5.0)	0.45 J	1.5 J	ND(25)	
MW-47C(HS-S)	12/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	31.8	ND(5.0)	0.47 J	1.4 J	ND(25)	
	01/28/2011	ND(1.0)	0.49 J	ND(1.0)	ND(1.0)	0.49	32.2	ND(5.0)	0.44 J	1.3 J	ND(25)	
	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	31.1	ND(5.0)	0.40 J	1.4 J	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	35.3	ND(5.0)	0.51 J	1.6 J	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	27.7	ND(5.0)	0.35 J	1.3 J	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.7	ND(5.0)	0.40 J	1.5 J	ND(25)	
	06/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	29.4	ND(5.0)	0.40 J	1.5 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-48A	03/06/2006	0.29 J	1.4	0.38 J	0.56 J	2.6	0.87 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2006	ND(1.0)	1.1	ND(1.0)	ND(1.0)	1.1	1.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/13/2006	ND(1.0)	0.34 J	ND(1.0)	ND(1.0)	0.34	2.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2006	1.2	6.3	0.77 J	1.3	9.6	2.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/21/2006	ND(1.0)	0.62 J	ND(1.0)	ND(1.0)	0.62	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.61 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/04/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/11/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	11/09/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	02/13/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/10/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/15/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/01/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/20/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/20/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/10/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-48B	03/06/2006	ND(1.0)	0.56 J	ND(1.0)	ND(1.0)	0.56	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2006	ND(1.0)	0.36 J	ND(1.0)	ND(1.0)	0.36	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/13/2006	ND(1.0)	0.57 J	ND(1.0)	ND(1.0)	0.57	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2006	3.5	18.1	2.8	5.1	29.5	11.6	ND(5.0)	ND(5.0)	1.3 J	ND(25)	
	03/21/2006	2.0	6.7	0.86 J	2.6	12.2	6.0	ND(5.0)	ND(5.0)	0.78 J	ND(25)	
	03/28/2006	ND(1.0)	0.56 J	ND(1.0)	ND(1.0)	0.56	0.65 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/04/2006	0.45 J	3.6	1.7	4.3	10.1	3.9	ND(5.0)	ND(5.0)	0.78 J	ND(25)	
	04/11/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.52 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.90 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	11/09/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	02/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/10/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/15/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/01/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/20/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/20/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/10/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-54 [R]	03/09/2006	ND(1.0)	9.7	ND(1.0)	ND(1.0)	9.7	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/13/2006	ND(1.0)	4.2	ND(1.0)	ND(1.0)	4.2	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/17/2006	ND(5.0)	5.2	ND(5.0)	ND(5.0)	5.2	ND(5.0)	ND(25)	ND(25)	ND(25)	ND(130)	
	03/22/2006	0.45 J	3.9	0.30 J	1.1	5.8	0.78 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/28/2006	ND(1.0)	3.1	ND(1.0)	ND(1.0)	3.1	0.68 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/05/2006	ND(1.0)	2.4	ND(1.0)	0.36 J	2.8	1.5	ND(5.0)	ND(5.0)	0.52 J	ND(25)	
	04/11/2006	ND(1.0)	0.38 J	ND(1.0)	ND(1.0)	0.38	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/18/2006	ND(1.0)	0.36 J	ND(1.0)	ND(1.0)	0.36	1.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.71 J	NA	NA	NA	ND(25)	
	08/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.82 J	NA	NA	NA	ND(25)	
	11/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.96 J	NA	NA	NA	ND(25)	
	02/21/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.84 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	42.7	ND(5.0)	0.80 J	0.95 J	ND(25)	
	08/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/28/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.55 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/14/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.84 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/16/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/23/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/02/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/19/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/12/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/18/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/02/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/10/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/20/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	20.9	ND(5.0)	0.56 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-54 [R]	03/14/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	25.2	ND(5.0)	0.51 J	0.33 J	ND(25)	
	04/23/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/20/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	196	4.4 J	8.4	3.5 J	ND(25)	
	11/06/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	90.8	4.4 J	6.8	ND(5.0)	ND(25)	
	12/12/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	42.1	4.0 J	5.3	ND(5.0)	ND(25)	
	01/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	28.4	2.8 J	3.9 J	ND(5.0)	ND(25)	
	02/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	101	3.1 J	5.0	1.6 J	ND(25)	
	03/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	168	3.4 J	7.2	4.2 J	ND(25)	
	04/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	129	3.4 J	6.5	1.8 J	ND(25)	
	05/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.0	1.4 J	2.2 J	ND(5.0)	ND(25)	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	352	3.3 J	9.1	6.1	10.4 J	
	07/27/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	233	4.7 J	12.4	3.8 J	ND(25)	
	08/25/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	355	2.8 J	10.6	6.3	ND(25)	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	188	3.0 J	9.5	2.9 J	ND(25)	
	10/19/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	375	2.4 J	8.7	6.1	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	207	3.9 J	13.1	2.5 J	ND(25)	
	12/22/2009	5.9	1.3	ND(1.0)	2.4	9.6	1520	11.1	43.3	31.4	ND(25)	
	01/26/2010	48.6	11.8	ND(1.0)	26.3	86.7	3060	13.0	53.8	106	48.2	
	02/23/2010	0.26 J	ND(1.0)	ND(1.0)	ND(1.0)	0.26	24.8	ND(5.0)	0.29 J	ND(5.0)	ND(25)	
	03/16/2010	2.7	ND(1.0)	ND(1.0)	5.8	8.5	254	2.6 J	8.1	6.4	ND(25)	
	04/21/2010	1.3	ND(1.0)	ND(1.0)	2.1	3.4	155	4.2 J	11.9	2.6 J	ND(25)	
	05/26/2010	0.79 J	ND(1.0)	0.52 J	3.3	4.6	238	2.7 J	7.5	6.2	ND(25)	
	06/10/2010	479	579	ND(250)	443	1501	56600	121 J	581 J	1750	ND(6300)	
	06/22/2010	629	510	ND(100)	332	1471	84200	216 J	780	2030	9500	
	06/29/2010	298	200	ND(100)	145	1264	46000	134 J	461 J	1310	ND(2500)	
	07/06/2010	339	530	ND(200)	96.6 J	966	55700	102 J	429 J	1290	ND(5000)	
	07/13/2010	428	504	ND(100)	161	1093	47100	118 J	532	1680	ND(2500)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-54 [R]	07/20/2010	492	669	ND(100)	162	1323	48700	104 J	510	1710	ND(2500)	
	07/27/2010	621	864	ND(100)	201	1686	63800	136 J	595	2040	ND(2500)	
	08/03/2010	179	134	ND(25)	60.9	374	32700	132	373	1040	ND(630)	
	08/10/2010	ND(20)	24.1	ND(20)	16.2 J	40.3	16900	ND(100)	183	501	ND(500)	
	08/17/2010	ND(20)	11.3 J	ND(20)	10 J	21	6950	18.6 J	81.9 J	248	ND(500)	
	08/24/2010	3.2 J	9.5	ND(5.0)	7.8	20.5	4850	20.9 J	73.5	164	120 J	
	08/31/2010	ND(5.0)	3.8 J	ND(5.0)	2.5 J	6.3	1130	5.8 J	21.5 J	30.8	ND(130)	
	09/07/2010	0.77 J	2.4	ND(1.0)	1.6	4.8	327	4.3 J	15.6	7.0	ND(25)	
	09/14/2010	ND(10)	3.6 J	ND(10)	5.8 J	9.4	3110	10.9 J	43.0 J	107	140 J	
	09/28/2010	0.55 J	2.8	0.35 J	5.0	8.7	588	4.7 J	18.8	12.3	ND(25)	
	10/05/2010	322	366	ND(200)	ND(200)	688	38200	ND(1000)	398 J	1520	ND(5000)	
	10/12/2010	4.1	15.2	0.51 J	7.8	27.6	8220	27.1	109	290	428	
	10/18/2010	ND(20)	6.4 J	ND(20)	ND(20)	6.4	9830	28.6 J	120	360	ND(500)	
	10/26/2010	0.71 J	2.2	ND(2.0)	1.9 J	4.8	651	5.6 J	23.4	7.8 J	ND(50)	
	11/01/2010	0.40 J	1.4	ND(1.0)	1.3	3.1	401	5.7	22.1	4.0 J	ND(25)	
	11/09/2010	0.25 J	0.91 J	ND(1.0)	0.83 J	1.99	260	5.5	21.6	1.4 J	ND(25)	
	11/16/2010	0.25 J	0.94 J	ND(1.0)	1.0	2.2	158	6.5	22.3	ND(5.0)	ND(25)	
	11/23/2010	ND(1.0)	0.62 J	ND(1.0)	0.71 J	1.33	122	6.0	22.1	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	0.43 J	ND(1.0)	0.30 J	0.73	78.4	6.9	23.5	0.60 J	ND(25)	
	12/07/2010	12.6	20.5	ND(10)	ND(10)	33.1	1330	8.8 J	35.2 J	29.1 J	ND(250)	
	12/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	52.1	5.0	17.5	ND(5.0)	ND(25)	
	12/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	81.0	4.9 J	18.1	1.2 J	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	49.6	7.0	22.3	ND(5.0)	ND(25)	
	01/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	25.6	6.3	18.8	ND(5.0)	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.7	0.61 J	1.8 J	ND(5.0)	ND(25)	
	01/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.2	5.2	15.4	ND(5.0)	ND(25)	
	01/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.3	4.6 J	13.1	ND(5.0)	ND(25)	
	01/31/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	39.4	4.9 J	14.9	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-54 [R]	02/07/2011	555	729	ND(200)	352	1636	47900	ND(1000)	491 J	2190	ND(5000)	
	02/15/2011	305	278	ND(50)	183	766	26300	71.5 J	277	1360	ND(1300)	
	02/21/2011	890	1320	ND(100)	619	2829	70900	197 J	846	3790	ND(2500)	
	03/01/2011	189	123	ND(50)	92.2	404	38900	91.2 J	375	1670	ND(1300)	
	03/07/2011	80.2	56.5	ND(50)	19.3 J	156.0	17300	49.9 J	189 J	789	ND(1300)	
	03/22/2011	27.3 J	29.6 J	ND(50)	ND(50)	56.9	16300	38.2 J	169 J	750	4550	
	03/29/2011	77.1	71.6	ND(50)	ND(50)	148.7	19000	53.1 J	209 J	930	ND(1300)	
	04/05/2011	24.4 J	20.9 J	ND(50)	ND(50)	45.3	20800	45.9 J	204 J	893	ND(1300)	
	04/12/2011	ND(50)	ND(50)	ND(50)	18.8 J	18.8	17800	41.1 J	180 J	843	3970	
	04/19/2011	43.2 J	118	ND(50)	ND(50)	161	32100	75.7 J	375	1640	ND(1300)	
	04/26/2011	ND(20)	ND(20)	ND(20)	ND(20)	BRL	14700	41.9 J	170	697	428 J	
	05/03/2011	ND(20)	ND(20)	ND(20)	ND(20)	BRL	16300	51.6 J	219	988	1220	
	05/10/2011	ND(50)	ND(50)	ND(50)	ND(50)	BRL	18900	49.3 J	216 J	992	546 J	
	05/17/2011	13.1 J	ND(25)	ND(25)	ND(25)	13.1	21600	44.9 J	200	1040	401 J	
	05/24/2011	31.7	25.9	ND(25)	ND(25)	57.6	9740	23.4 J	108 J	495	1650	
	05/31/2011	79.2	87.9	ND(50)	ND(50)	167.1	19900	51.3 J	197 J	955	ND(1300)	
	06/07/2011	ND(50)	24.3 J	ND(50)	ND(50)	24.3	26000	74.9 J	290	1230	9140	
	06/14/2011	6.1 J	ND(25)	ND(25)	ND(25)	6.1	20300	56.0 J	246	1300	ND(630)	
	06/21/2011	ND(25)	ND(25)	ND(25)	ND(25)	BRL	16000	35.5 J	176	971	ND(630)	
	06/28/2011	7.7 J	ND(25)	ND(25)	ND(25)	7.7	11300	26.9 J	114 J	620	150 J	
	07/05/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	7910	20.3 J	92.0	456	340	
	07/12/2011	39.1	26.8	ND(20)	ND(20)	65.9	8930	27.7 J	111	483	1280	
	07/19/2011	7.8 J	5.2 J	ND(10)	ND(10)	13.0	16800	46.2 J	205	981	568	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-57 [R]	03/10/2006	218	1400	358	742	2718	4220	12.9 J	46.0 J	192	ND(500)	
	03/28/2006	5500	28900	6570	18500	59470	79200	465 J	1330	8310	ND(2500)	
	04/11/2006	759	3130	499	1930	6318	31100	ND(1300)	238 J	1110 J	ND(6300)	
	04/18/2006	341	1670	198	1030	3239	17700	ND(500)	106 J	435 J	ND(2500)	
	05/15/2006	283	748	79.8	564	1675	45000	76.3 J	309	1290	ND(1300)	
	08/22/2006	396	466	ND(200)	657	1519	70300	NA	NA	NA	ND(5000)	
	11/07/2006	741	1630	ND(500)	1170	3541	89400	NA	NA	NA	ND(13000)	
	02/16/2007	625	2100	60.2	1520	4305	43500	129	509	2600	ND(500)	
	05/08/2007	390	1450	41.2 J	1680	3561	24100	ND(500)	309 J	1640	ND(2500)	
	08/17/2007	163	456	34.2 J	1280	1933	12600	43.9 J	171 J	1100	ND(1300)	
	10/29/2007	87.0	86.5	13.4 J	600	787	5740	24.2 J	90.6 J	533	ND(500)	
	12/11/2007	42.5	35.6	ND(20)	581	659	4740	16.9 J	84.3 J	547	ND(500)	
	02/18/2008	60.9	66.1	ND(25)	383	510	3520	9.7 J	35.4 J	257	ND(630)	
	05/21/2008	18.4	31.3	2.5	343	395	2430	8.2	32.9	194	48.3	
	08/19/2008	6.8 J	11.3	ND(10)	85.2	103.3	1110	ND(50)	8.8 J	73.8	ND(250)	
	12/19/2008	0.36 J	0.67 J	ND(1.0)	4.5	5.5	334	1.9 J	9.4	17.7	ND(25)	
	01/29/2009	0.60 J	2.0	0.31 J	14.6	17.5	295	1.5 J	7.7	20.1	ND(25)	
	02/26/2009	0.38 J	0.83 J	ND(1.0)	9.7	10.9	250	1.3 J	6.1	14.4	ND(25)	
	03/13/2009	ND(1.0)	0.46 J	ND(1.0)	4.8	5.3	237	1.0 J	6.4	14.6	ND(25)	
	04/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	32.5	ND(5.0)	3.5 J	ND(5.0)	ND(25)	
	05/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	29.1	ND(5.0)	3.1 J	ND(5.0)	ND(25)	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	28.0	ND(5.0)	1.9 J	ND(5.0)	ND(25)	
	07/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	32.7	ND(5.0)	1.8 J	ND(5.0)	ND(25)	
	08/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	45.2	0.46 J	3.1 J	ND(5.0)	ND(25)	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	20.4	ND(5.0)	2.1 J	ND(5.0)	ND(25)	
	10/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.8	0.37 J	2.1 J	ND(5.0)	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.5	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	12/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.0	ND(5.0)	0.95 J	ND(5.0)	ND(25)	

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MW-57 [R]	01/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.8	ND(5.0)	0.56 J	ND(5.0)	ND(25)	
	02/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.0	ND(5.0)	0.57 J	ND(5.0)	ND(25)	
	03/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.5	ND(5.0)	1.0 J	ND(5.0)	ND(25)	
	04/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.5	ND(5.0)	0.65 J	ND(5.0)	ND(25)	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.8	ND(5.0)	0.43 J	ND(5.0)	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.5	ND(5.0)	1.3 J	0.61 J	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.7	ND(5.0)	0.90 J	ND(5.0)	ND(25)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.7	ND(5.0)	1.5 J	ND(5.0)	ND(25)	
	07/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.41 J	0.41	11.6	ND(5.0)	0.40 J	0.73 J	ND(25)	
	08/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	11.7	ND(5.0)	1.2 J	ND(5.0)	ND(25)	
	08/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.8	ND(5.0)	1.2 J	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.4	ND(5.0)	1.6 J	ND(5.0)	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	11.5	ND(5.0)	1.3 J	ND(5.0)	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.9	ND(5.0)	1.4 J	ND(5.0)	ND(25)	
	10/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.1	ND(5.0)	1.2 J	ND(5.0)	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.9	ND(5.0)	1.6 J	ND(5.0)	ND(25)	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.1	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.1	ND(5.0)	1.4 J	ND(5.0)	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.0	ND(5.0)	1.2 J	ND(5.0)	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.6	ND(5.0)	0.81 J	ND(5.0)	ND(25)	
	01/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.4	ND(5.0)	0.75 J	ND(5.0)	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	5.9	5.2	11.1	4.4	ND(5.0)	0.75 J	ND(5.0)	ND(25)	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.1	ND(5.0)	0.59 J	ND(5.0)	ND(25)	
	03/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.8	ND(5.0)	0.68 J	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.1	ND(5.0)	0.65 J	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.9	ND(5.0)	0.52 J	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.6	ND(5.0)	0.46 J	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.8	ND(5.0)	0.58 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-57 [R]	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.2	ND(5.0)	0.30 J	ND(5.0)	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	0.38 J	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.8	ND(5.0)	0.31 J	ND(5.0)	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.79 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-57P	01/26/2009	36.7	117	76.3	2740	2970	921	3.9 J	13.8	106	ND(25)	
	02/24/2009	13.6	32.0	53.5	1550	1649	494	1.7 J	6.4 J	52.7	ND(50)	
	03/16/2009	16.9	43.4	77.3	2150	2288	533	1.5 J	10.3 J	54.7	ND(130)	
	04/17/2009	44.0	101	61.5	2550	2757	911	ND(50)	7.8 J	76.6	ND(250)	
	05/20/2009	35.1	179	85.7	3050	3350	881	ND(50)	10.1 J	102	ND(250)	
	06/12/2009	35.8	110	67.9	3560	3774	1010	ND(50)	15.0 J	139	ND(250)	
	07/16/2009	3.4	3.0	ND(1.0)	488	494	532	1.8 J	7.5	66.6	8.4 J	
	08/12/2009	2.8	ND(1.0)	ND(1.0)	17.6	20.4	425	1.2 J	4.1 J	31.1	18.1 J	
	09/15/2009	0.62 J	ND(1.0)	ND(1.0)	7.1	7.7	461	ND(5.0)	5.2	36.6	ND(25)	
	10/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	56.8	ND(5.0)	0.83 J	2.0 J	ND(25)	
	11/30/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.7	ND(5.0)	ND(5.0)	1.2 J	ND(25)	
	12/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/28/2010	0.89 J	0.51 J	ND(1.0)	33.0	34.4	30.6	ND(5.0)	0.37 J	3.4 J	ND(25)	
	02/24/2010	0.59 J	ND(1.0)	ND(1.0)	19.8	20.4	22.6	ND(5.0)	0.21 J	2.1 J	ND(25)	
	03/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.83 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/19/2010	ND(1.0)	ND(1.0)	ND(1.0)	2.4	2.4	148	ND(5.0)	2.6 J	18.6	28.0	
	05/26/2010	1.1	0.72 J	ND(1.0)	58.3	60.1	59.3	2.0 J	6.0	9.3	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	3.9	3.9	157	0.62 J	2.6 J	11.4	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.93 J	0.93	83.3	0.48 J	2.9 J	ND(5.0)	ND(25)	
	07/15/2010	1.3	2.0	0.93 J	152	156	552	2.2 J	9.4	40.3	15.9 J	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	32.2	32.2	694	1.9 J	7.8	41.4	ND(25)	
	08/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	3.4 J	7.7	ND(5.0)	ND(25)	
	08/23/2010	0.81 J	ND(1.0)	ND(1.0)	15.3	16.1	82.8	ND(5.0)	3.2 J	4.2 J	ND(25)	
	09/07/2010	0.53 J	ND(1.0)	ND(1.0)	11.9	12.4	96.1	0.45 J	3.2 J	4.1 J	ND(25)	
	09/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	3.5	3.5	31.2	ND(5.0)	2.4 J	1.2 J	ND(25)	
	10/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	3.9	3.9	45.5	ND(5.0)	1.3 J	4.1 J	ND(25)	
	10/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.28 J	0.28	16.2	ND(5.0)	2.1 J	ND(5.0)	ND(25)	
	11/10/2010	0.53 J	ND(1.0)	ND(1.0)	0.96 J	1.49	392	1.7 J	8.6	36.2	178	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-57P	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	14.3	ND(5.0)	1.8 J	ND(5.0)	ND(25)	
	12/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	52.3	ND(5.0)	1.4 J	3.7 J	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.3	1.3	17.0	ND(5.0)	1.7 J	0.73 J	ND(25)	
	01/10/2011	0.43 J	ND(1.0)	ND(1.0)	9.9	10.3	26.5	ND(5.0)	1.7 J	1.4 J	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.79 J	0.79	9.5	ND(5.0)	0.93 J	ND(5.0)	ND(25)	
	02/04/2011	ND(1.0)	0.31 J	ND(1.0)	ND(1.0)	0.31	8.4	ND(5.0)	1.2 J	ND(5.0)	ND(25)	
	02/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.4	ND(5.0)	1.1 J	0.65 J	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	2.3	2.3	11.3	ND(5.0)	1.4 J	ND(5.0)	ND(25)	
	03/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.4	ND(5.0)	1.2 J	ND(5.0)	ND(25)	
	04/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	4.1	4.1	49.3	ND(5.0)	1.5 J	2.2 J	ND(25)	
	04/27/2011	ND(1.0)	3.2	ND(1.0)	0.93 J	4.1	11.5	ND(5.0)	1.0 J	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	47.7	ND(5.0)	1.3 J	3.5 J	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.1	1.1	108	0.53 J	2.1 J	7.2	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	32.7	ND(5.0)	1.2 J	1.3 J	ND(25)	
	06/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.46 J	0.46	67.7	0.43 J	2.6 J	3.1 J	ND(25)	
	07/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	25.4	ND(5.0)	1.4 J	ND(5.0)	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-58 [R]	03/10/2006	5.9 J	7.7 J	ND(10)	ND(10)	13.6	4730	7.7 J	36.3 J	79.8	ND(250)	
	03/13/2006	3130	9310	2520	6610	21570	39700	217	651	4940	ND(250)	
	03/28/2006	156	1620	414	5110	7300	37300	61.3 J	316	2080	ND(1300)	
	04/06/2006	1300	10200	2140	8780	22420	51400	153 J	544	2820	ND(2000)	
	04/11/2006	389	2140	527	3750	6806	44100	110 J	434 J	2360	ND(2500)	
	04/18/2006	96.9 J	364	ND(130)	758	1219	21200	ND(630)	183 J	904	ND(3100)	
	05/15/2006	163	367	12.0	641	1183	39700	111	410	1820	552	
	08/22/2006	145	377	8.2 J	1090	1620	52700	NA	NA	NA	ND(250)	
	11/07/2006	504	1800	62.5 J	977	3344	40100	NA	NA	NA	ND(2500)	
	02/16/2007	332	1100	34.5	810	2277	17100	84.1	275	1350	ND(250)	
	05/08/2007	ND(50)	66.9	ND(50)	34.2 J	101.1	13700	53.3 J	202 J	887	ND(1300)	
	08/17/2007	30.3 J	75.7	ND(50)	104	210	13300	82.2 J	226 J	993	ND(1300)	
	10/29/2007	ND(10)	ND(10)	ND(10)	ND(10)	BRL	3640	14.1 J	65.7	104	174 J	
	12/11/2007	24.9	117	5.2	61.6	209	25100	87.3	353	1410	7850	
	02/18/2008	270	1090	77.9 J	877	2315	12100	53.4 J	147 J	598	ND(2500)	
	05/21/2008	36.7	44.8	2.2	247	331	9140	47.6	153	592	198	
	08/19/2008	33.9	70.1	ND(25)	112	216	4520	15.6 J	62.3 J	347	ND(630)	
	12/19/2008	ND(10)	ND(10)	ND(10)	10.8	10.8	5020	49.4 J	211	222	ND(250)	
	01/29/2009	2.8 J	13.5	ND(5.0)	37.0	53.3	6580	42.0	187	420	ND(130)	
	02/26/2009	3.8 J	9.6 J	ND(10)	32.9	46.3	6870	39.6 J	190	472	ND(250)	
	03/13/2009	ND(10)	6.7 J	ND(10)	17.1	23.8	5300	30.4 J	153	446	ND(250)	
	04/20/2009	ND(10)	ND(10)	ND(10)	5.8 J	5.8	4860	24.0 J	124	416	ND(250)	
	05/20/2009	ND(5.0)	ND(5.0)	ND(5.0)	2.7 J	2.7	1500	14.6 J	78.1	68.0	ND(130)	
	06/11/2009	ND(20)	ND(20)	ND(20)	20.4	20.4	2840	ND(100)	33.2 J	143	ND(500)	
	07/16/2009	4.8	14.2	0.88 J	40.4	60.3	1390	5.0	22.9	82.8	5.8 J	
	08/24/2009	4.1	12.7	0.85 J	37.6	55.3	1760	5.4	24.4	88.1	ND(25)	
	09/16/2009	1.9	4.4	0.30 J	8.2	14.8	1620	5.6	24.5	89.9	ND(25)	
	10/15/2009	3.6	10.4	0.72 J	28.2	42.9	1840	6.7	30.2	126	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-58 [R]	11/23/2009	5.7	21.1	2.0	47.7	76.5	2240	6.7	31.9	110	16.0 J	
	12/28/2009	0.49 J	3.3	0.66 J	20.1	24.6	100	ND(5.0)	1.1 J	3.6 J	ND(25)	
	01/28/2010	ND(1.0)	1.0	ND(1.0)	4.5	5.5	27.0	ND(5.0)	1.0 J	1.2 J	ND(25)	
	02/22/2010	ND(1.0)	0.45 J	ND(1.0)	1.3	1.8	38.7	0.56 J	1.7 J	1.7 J	ND(25)	
	03/18/2010	ND(1.0)	0.48 J	ND(1.0)	1.1	1.6	34.1	0.45 J	1.7 J	1.6 J	ND(25)	
	04/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	28.8	1.1 J	4.8 J	0.75 J	ND(25)	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	32.3	ND(5.0)	1.0 J	1.3 J	ND(25)	
	06/10/2010	15.1	0.68 J	0.31 J	2.8	18.9	15600	32.9	134	551	ND(2500)	
	06/23/2010	34.6	1.9	ND(1.0)	2.3	38.8	13800	35.6	148	378 J	171	
	06/29/2010	81.6	126	17.1	379	604	2540	9.2 J	32.6	117	118 J	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.49 J	0.49	29.8	ND(5.0)	1.3 J	1.3 J	ND(25)	
	07/26/2010	0.58 J	1.3	0.34 J	9.3	11.5	58.7	ND(5.0)	0.86 J	3.7 J	ND(25)	
	08/09/2010	1.5 J	ND(5.0)	ND(5.0)	ND(5.0)	1.5	924	ND(25)	8.9 J	23.2 J	ND(130)	
	08/24/2010	3.6	1.3	ND(1.0)	5.1	10.0	689	2.0 J	8.9	23.0	ND(25)	
	09/07/2010	0.83 J	ND(1.0)	ND(1.0)	11.1	11.9	278	1.1 J	3.5 J	18.6	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	42.9	ND(5.0)	1.2 J	1.1 J	ND(25)	
	10/14/2010	ND(20)	ND(20)	ND(20)	ND(20)	BRL	6100	10.0 J	50.1 J	140	167 J	
	10/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.9	ND(5.0)	1.2 J	0.84 J	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.0	1.0	700	ND(5.0)	10.4	19.4	290	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	ND(5.0)	1.4 J	ND(5.0)	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.7	ND(5.0)	1.6 J	ND(5.0)	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	14.9	ND(5.0)	1.4 J	ND(5.0)	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.5	ND(5.0)	0.80 J	ND(5.0)	ND(25)	
	01/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.5	ND(5.0)	0.80 J	ND(5.0)	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	4.0	4.3	8.3	6.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	03/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.8	ND(5.0)	1.5 J	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.56 J	0.56	20.5	ND(5.0)	0.34 J	1.0 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-58 [R]	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	16.0	ND(5.0)	0.51 J	0.64 J	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	20.4	ND(5.0)	0.55 J	1.1 J	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	745	2.5 J	10.2	39.1	36.4	
	05/24/2011	0.49 J	2.1	0.48 J	13.4	16.5	773	2.1 J	8.9	39.5	36.0	
	06/07/2011	0.33 J	0.56 J	ND(1.0)	3.8	4.7	905	2.2 J	10.3	60.9	34.1	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	21.7	ND(5.0)	1.0 J	0.67 J	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	21.2	ND(5.0)	0.57 J	1.1 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-58R [R]	03/16/2009	3.3	1.6	ND(1.0)	39.9	44.8	822	2.8 J	9.3	61.4	ND(25)	
	04/17/2009	16.6	28.0	10.6	974	1029	615	2.0 J	6.0 J	34.4	ND(130)	
	05/20/2009	ND(1.0)	0.47 J	0.51 J	15.8	16.8	791	3.7 J	12.6	68.4	17.9 J	
	06/11/2009	0.25 J	0.50 J	0.34 J	12.3	13.4	619	2.0 J	7.5	49.6	19.1 J	
	07/16/2009	0.45 J	2.4	0.55 J	14.7	18.1	540	1.7 J	6.5	46.5	11.3 J	
	08/24/2009	ND(1.0)	1.5	ND(1.0)	2.1	3.6	467	1.2 J	5.0	33.6	27.7	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	482	1.4 J	5.6	39.5	20.8 J	
	10/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	386	1.1 J	5.4	39.6	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	300	0.90 J	4.3 J	16.5	ND(25)	
	12/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	111	0.83 J	3.6 J	3.5 J	ND(25)	
	01/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	129	0.79 J	3.6 J	2.9 J	ND(25)	
	02/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	65.4	1.1 J	3.2 J	1.6 J	ND(25)	
	03/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	41.3	0.90 J	3.3 J	0.71 J	ND(25)	
	04/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	84.1	0.58 J	2.4 J	2.9 J	ND(25)	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.1	1.1	49.0	0.44 J	2.1 J	2.1 J	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.4	1.4	52.0	0.57 J	2.6 J	3.0 J	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.65 J	0.65	36.7	ND(5.0)	1.3 J	1.8 J	ND(25)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.32 J	0.32	30.6	ND(5.0)	1.1 J	1.1 J	ND(25)	
	07/26/2010	0.34 J	1.4	0.38 J	9.6	11.7	55.4	ND(5.0)	0.73 J	3.3 J	ND(25)	
	08/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.49 J	0.49	34.7	ND(5.0)	1.2 J	1.4 J	ND(25)	
	08/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	22.5	ND(5.0)	1.2 J	1.0 J	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	17.6	ND(5.0)	1.8 J	ND(5.0)	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	43.5	ND(5.0)	1.2 J	0.75 J	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.2	ND(5.0)	1.2 J	0.56 J	ND(25)	
	10/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.1	ND(5.0)	1.1 J	0.77 J	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.1	ND(5.0)	1.3 J	ND(5.0)	ND(25)	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.4	ND(5.0)	1.3 J	ND(5.0)	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.7	ND(5.0)	1.5 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-58R [R]	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	22.6	ND(5.0)	1.6 J	ND(5.0)	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.4	0.37 J	1.7 J	ND(5.0)	ND(25)	
	01/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.0	0.40 J	1.8 J	ND(5.0)	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	7.3	6.5	13.8	4.5	ND(5.0)	1.7 J	ND(5.0)	ND(25)	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.5	0.37 J	1.5 J	ND(5.0)	ND(25)	
	03/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.0	0.38 J	1.6 J	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	16.0	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.78 J	0.78	81.8	ND(5.0)	1.1 J	3.1 J	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	36.2	0.37 J	1.4 J	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.5	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.8	1.8	34.4	ND(5.0)	0.81 J	1.4 J	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.7	ND(5.0)	0.84 J	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.7	0.26 J	1.0 J	ND(5.0)	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	33.3	ND(5.0)	0.91 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-58P	01/26/2009	147	2350	568	3940	7005	4320	27.0	131	483	34.1	
	02/24/2009	69.4	720	205	1730	2724	2190	13.8 J	63.8	281	ND(130)	
	03/16/2009	70.0	935	327	2480	3812	1870	10.3 J	54.3	257	ND(250)	
	04/17/2009	60.4	1180	326	2100	3666	1740	6.9 J	28.6 J	166	104 J	
	05/20/2009	71.2	3490	1130	6240	10931	3020	9.1 J	58.0	345	ND(250)	
	06/12/2009	109	2120	70.0	3870	6169	10900	23.0 J	166	1160	ND(500)	
	07/16/2009	59.3	19.7	3.4 J	719	801	5640	19.1 J	107	594	59.8 J	
	08/12/2009	5.6 J	ND(10)	ND(10)	35.0	40.6	4160	21.4 J	94.4	412	ND(250)	
	09/15/2009	ND(10)	ND(10)	ND(10)	ND(10)	BRL	1490	16.9 J	70.2	123	ND(250)	
	10/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.0	4.9 J	20.4	ND(5.0)	ND(25)	
	11/30/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	110	7.7	26.4	4.0 J	ND(25)	
	12/22/2009	0.49 J	ND(1.0)	ND(1.0)	0.64 J	1.13	25.3	10.4	34.0	0.74 J	ND(25)	
	01/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	53.2	2.4 J	7.6	1.3 J	ND(25)	
	02/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	44.2	6.9	21.0	1.0 J	ND(25)	
	03/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	76.1	8.5	26.0	0.89 J	ND(25)	
	04/19/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.4	11.0	29.7	ND(5.0)	ND(25)	
	05/26/2010	1.8	1.1	0.38 J	90.0	93.3	85.9	0.38 J	1.3 J	12.3	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.1	8.2	19.5	ND(5.0)	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.0	8.3	19.8	ND(5.0)	ND(25)	
	07/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.4	1.1 J	2.5 J	ND(5.0)	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	2.5 J	5.7	ND(5.0)	ND(25)	
	08/09/2010	0.25 J	ND(1.0)	ND(1.0)	2.7	3.0	148	0.46 J	3.9 J	7.7	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.26 J	0.26	3.0	3.5 J	7.9	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.8	3.6 J	8.0	ND(5.0)	ND(25)	
	09/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.7	4.4 J	8.5	ND(5.0)	ND(25)	
	10/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.30 J	0.30	2.5	1.8 J	3.7 J	ND(5.0)	ND(25)	
	10/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.3	1.3	5.8	1.8 J	3.9 J	ND(5.0)	ND(25)	
	11/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	4.6	4.6	25.5	2.1 J	4.3 J	1.4 J	13.2 J	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-58P	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.90 J	3.2 J	7.2	ND(5.0)	ND(25)	
	12/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.0	2.9 J	6.5	ND(5.0)	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.9	3.7 J	8.4	ND(5.0)	ND(25)	
	01/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	5.7	2.5 J	4.4 J	ND(5.0)	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.6	1.5 J	3.3 J	ND(5.0)	ND(25)	
	02/04/2011	0.44 J	0.42 J	ND(1.0)	2.5	3.4	74.7	0.94 J	2.1 J	4.0 J	ND(25)	
	02/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.1	1.4 J	2.7 J	ND(5.0)	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	0.52 J	1.1 J	ND(5.0)	ND(25)	
	03/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.29 J	0.58 J	1.2 J	ND(5.0)	ND(25)	
	04/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.6	1.6 J	4.0 J	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.0	1.4 J	3.1 J	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.5	1.2 J	3.0 J	ND(5.0)	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.97 J	1.2 J	2.6 J	ND(5.0)	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.31 J	0.31	11.6	1.4 J	3.3 J	0.52 J	ND(25)	
	06/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	2.0 J	4.9 J	ND(5.0)	ND(25)	
	07/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.86 J	3.2 J	7.1	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-59A	03/10/2006	8450	16700	1380	3140	29670	672000	1290 J	4810 J	28800	ND(25000)	
	03/17/2006	8890	23100	2810	6500	41300	628000	ND(10000)	3740 J	21500	ND(50000)	
	03/21/2006	15400	41900	7480	21900	86680	889000	2170 J	7360	41500	ND(13000)	
	03/28/2006	9670	22100	3190	7730	42690	876000	1690	6710	34800 J	ND(2500)	
	07/11/2006	191	1940	217	5330	7678	41000	NA	NA	NA	456	
	07/26/2006	143	1850	336	5230	7559	18500	NA	NA	NA	206 J	
	08/01/2006	187	3560	998	8800	13545	9590	NA	NA	NA	ND(1300)	
	08/22/2006	46.6	562	61.5	1160	1830	17700	NA	NA	NA	ND(630)	
	09/19/2006	63.1	1030	364	2910	4367	4340	NA	NA	NA	ND(500)	
	12/21/2006	67.6	198	114	1060	1440	1660	6.4 J	20.4 J	171	231 J	
	01/18/2007	140	204	130	1270	1744	1400	11.5 J	28.4	195	ND(130)	
	02/16/2007	131	136	176	1230	1673	1180	9.2 J	24.9	188	ND(63)	
	03/15/2007	119	123	166	1250	1658	753	7.5 J	18.4	118	47.0 J	
	04/11/2007	74.7	49.1	57.1	1170	1351	954	5.5 J	15.7 J	116	ND(130)	
	05/08/2007	98.2	92.0	48.0	887	1125	855	7.0	18.5	115	ND(25)	
	06/05/2007	116	96.0	86.5	1260	1559	759	4.9 J	13.4 J	105	ND(130)	
	07/20/2007	69.2	66.0	40.4	1220	1396	505	3.8 J	11.1 J	75.1	ND(63)	
	08/17/2007	18.2	35.5	2.7	169	225	440	2.8 J	9.1	47.7	ND(25)	
	09/11/2007	56.1	68.4	8.1	1300	1433	663	4.3 J	10.9 J	78.1	ND(63)	
	10/09/2007	5.2	4.6	ND(1.0)	38.1	47.9	370	2.8 J	8.0	34.6	ND(25)	
	11/06/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/16/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/18/2008	19.9	14.4	2.4	366	403	188	1.4 J	3.6 J	26.0	ND(25)	
	03/13/2008	8.8	0.44 J	0.26 J	131	141	88.4	ND(5.0)	1.7 J	13.1	ND(25)	
	04/24/2008	51.5	166	21.5	1030	1269	292	2.2 J	4.6 J	38.9	ND(25)	
	05/16/2008	67.3	179	17.0	839	1102	323	2.9 J	7.5	45.2	ND(25)	
	08/25/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/22/2008	0.62 J	ND(1.0)	ND(1.0)	2.2	2.8	26.1	ND(5.0)	0.46 J	2.7 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-59A	01/29/2009	0.87 J	ND(1.0)	ND(1.0)	8.3	9.2	19.8	ND(5.0)	0.55 J	2.8 J	ND(25)	
	02/19/2009	3.6	0.32 J	ND(1.0)	30.8	34.7	31.1	ND(5.0)	ND(5.0)	4.6 J	ND(25)	
	03/11/2009	0.75 J	0.22 J	0.29 J	8.6	9.9	7.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/21/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/24/2009	0.55 J	ND(1.0)	ND(1.0)	10.1	10.7	16.4	ND(5.0)	ND(5.0)	1.6 J	ND(25)	
	09/17/2009	0.53 J	ND(1.0)	ND(1.0)	4.2	4.7	8.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	1.9	1.9	4.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	3.1	3.1	2.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/28/2009	0.69 J	ND(1.0)	ND(1.0)	10.4	11.1	5.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/23/2010	1.9	ND(1.0)	ND(1.0)	21.2	23.1	11.1	ND(5.0)	ND(5.0)	1.1 J	ND(25)	
	03/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.0	1.0	3.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.6	1.6	29.2	ND(5.0)	0.55 J	2.8 J	ND(25)	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.8	1.8	5.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2010	2.0	ND(1.0)	ND(1.0)	25.0	27.0	19.5	ND(5.0)	ND(5.0)	1.9 J	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.57 J	0.57	1.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/14/2010	3.0	ND(1.0)	ND(1.0)	25.6	28.6	33.9	ND(5.0)	ND(5.0)	3.2 J	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.3	ND(5.0)	0.26 J	1.4 J	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/07/2010	2.0	ND(1.0)	ND(1.0)	14.8	16.8	19.7	ND(5.0)	0.29 J	2.0 J	ND(25)	
	09/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	10/14/2010	0.92 J	ND(1.0)	ND(1.0)	6.7	7.6	9.6	ND(5.0)	ND(5.0)	0.98 J	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.55 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-59A	12/10/2010	6.5	ND(1.0)	ND(1.0)	48.0	54.5	50.0	ND(5.0)	0.91 J	5.4	ND(25)	
	12/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.82 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.57 J	0.57	2.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.38 J	0.38	6.2	ND(5.0)	ND(5.0)	0.63 J	ND(25)	
	03/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/27/2011	1.8	ND(1.0)	ND(1.0)	28.8	30.6	19.6	ND(5.0)	ND(5.0)	2.2 J	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/23/2011	0.29 J	ND(1.0)	ND(1.0)	3.2	3.5	19.0	ND(5.0)	0.27 J	1.6 J	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.5	ND(5.0)	0.23 J	1.4 J	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	2.1	2.1	3.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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MW-59B [R]	03/13/2006	51.9	60.7	3.6 J	25.2	141.4	11100	21.8 J	72.5	292	ND(250)	
	03/16/2006	36.7	49.8	ND(20)	25.7	112.2	12900	21.8 J	78.6 J	348	ND(500)	
	03/22/2006	ND(20)	ND(20)	ND(20)	ND(20)	BRL	8820	13.3 J	53.6 J	252	ND(500)	
	03/28/2006	998	2100	188 J	454	3740	131000	193 J	696 J	3910	ND(5000)	
	04/04/2006	5480	11700	1010 J	2490 J	20680	485000	1050 J	3930 J	18800	ND(63000)	
	04/11/2006	5050	11500	752 J	2490	19792	309000	668 J	2260 J	13000	ND(25000)	
	04/18/2006	5780	14500	893	4050	25223	318000	901 J	2780	14000	ND(5000)	
	05/15/2006	3400	12600	334	6540	22874	212000	606	2060	11100	ND(2500)	
	06/13/2006	1380	2950	ND(500)	3800	8130	184000	521 J	1770 J	11400	ND(13000)	
	07/11/2006	3900	15800	2020	13600	35320	283000	NA	NA	NA	1850 J	
	07/26/2006	4010	16700	1870	11300	33880	266000	NA	NA	NA	ND(6300)	
	08/01/2006	5550	16600	1200	6720	30070	486000	NA	NA	NA	2420 J	
	08/22/2006	3900	12800	1010	4870	22580	334000	NA	NA	NA	ND(5000)	
	09/19/2006	1810	8330	1060	7350	18550	114000	NA	NA	NA	2030	
	10/18/2006	1490	7420	889	7460	17259	80800	NA	NA	NA	ND(6300)	
	11/08/2006	1550	9230	1470	9100	21350	68400	NA	NA	NA	ND(5000)	
	12/21/2006	1140	5670	908	5280	12998	50300	130 J	524 J	3690	ND(6300)	
	01/18/2007	252	1550	163	3060	5025	22300	69.9 J	303	1970	302 J	
	04/11/2007	29.8	334	52.9	1600	2017	7740	11.9 J	78.5	787	207	
	01/16/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	02/18/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	03/31/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	04/25/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	05/14/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	08/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	12/19/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	03/20/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	06/22/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment

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Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-59B [R]	09/10/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	12/15/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	03/09/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	06/10/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	09/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	12/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment
	03/18/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immovable Remedial Equipment since 5/7/2007

Table 4
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MW-59D [R]	03/21/2006	3250	10600	1140	3210	18200	88000	291 J	912	5090	ND(2500)	
	03/28/2006	7490	18700	2690	7330	36210	456000	ND(1000)	4010	23000	ND(5000)	
	04/04/2006	2930	10300	1260	3660	18150	67300	273 J	821 J	4870	ND(13000)	
	04/11/2006	1530	4930	474	2010	8944	41800	122 J	445 J	2880	ND(6300)	
	04/18/2006	1380	5080	573	2030	9063	31100	114 J	353 J	2190	ND(5000)	
	05/15/2006	1230	7530	265	4670	13695	15000	90.7 J	294	2340	ND(1300)	
	06/13/2006	502	2130	211	2480	5323	18500	103 J	320 J	2000	ND(2500)	
	07/11/2006	293	1750	145	1950	4138	8180	NA	NA	NA	70.5 J	
	07/26/2006	301	1640	137	1840	3918	6590	NA	NA	NA	ND(250)	
	08/01/2006	176	1050	96.6	1150	2473	3540	NA	NA	NA	53.7 J	
	08/22/2006	199	1180	154	1300	2833	3750	NA	NA	NA	ND(130)	
	09/19/2006	84.9	451	54.3	768	1358	2110	NA	NA	NA	ND(250)	
	10/18/2006	69.2	397	65.5	570	1102	2000	NA	NA	NA	ND(50)	
	11/08/2006	62.8	389	67.0	491	1010	1330	NA	NA	NA	ND(130)	
	12/21/2006	15.9	38.5	10.7	104	169	1260	ND(50)	11.7 J	68.3	ND(250)	
	01/18/2007	8.1	22.9	10.6	93.5	135.1	701	2.8 J	10.3	44.0	ND(25)	
	02/16/2007	18.3	29.8	15.0	128	191	1140	4.4 J	16.4	89.9	ND(25)	
	03/15/2007	11.5	17.6	10.4	93.4	132.9	689	3.1 J	10.6 J	52.1	ND(63)	
	04/11/2007	8.0	11.0	6.8	60.1	85.9	871	2.8 J	10.8	52.6	ND(25)	
	05/08/2007	8.4	10.5	4.7	77.1	100.7	547	2.4 J	8.4	37.2	ND(25)	
	06/05/2007	3.8	4.8	2.0	34.4	45.0	383	2.0 J	7.7	32.5	ND(25)	
	07/19/2007	18.1	33.9	2.4	128	182	476	2.9 J	9.6 J	48.5	ND(50)	
	08/23/2007	81.5	95.3	44.0	1660	1881	715	5.3 J	13.2 J	100	ND(130)	
	09/11/2007	12.2	16.2	1.5	94.5	124.4	370	1.9 J	6.4	30.8	ND(25)	
	10/09/2007	55.6	67.3	6.6	1360	1490	529	5.2 J	12.5 J	80.3	ND(130)	
	10/29/2007	3.2	2.3	ND(1.0)	22.7	28.2	396	2.4 J	7.5	33.4	19.8 J	
	12/05/2007	2.6	1.4	ND(1.0)	22.6	26.6	393	1.4 J	6.5	29.7	ND(25)	
	12/11/2007	2.3	1.6	ND(1.0)	19.3	23.2	342	1.7 J	6.4	25.4	ND(25)	

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MW-59D [R]	01/16/2008	3.2	2.1	ND(1.0)	20.4	25.7	325	1.5 J	5.8	28.6	8.7 J	
	02/18/2008	3.5	2.4	ND(2.0)	17.7	23.6	182	0.95 J	3.0 J	17.8	ND(50)	
	03/13/2008	9.2	27.0	0.96 J	80.2	117.4	196	1.8 J	5.0	32.6	ND(25)	
	04/25/2008	2.8	1.2	ND(1.0)	16.2	20.2	118	0.83 J	2.6 J	17.5	ND(25)	
	05/14/2008	3.0	1.3	ND(1.0)	20.3	24.6	122	0.83 J	3.0 J	15.5	ND(25)	
	08/19/2008	1.9	0.25 J	ND(1.0)	9.6	11.8	81.6	0.80 J	2.1 J	10.1	ND(25)	
	12/19/2008	1.2	ND(1.0)	ND(1.0)	5.5	6.7	72.0	0.71 J	1.9 J	7.2	ND(25)	
	01/29/2009	2.6	ND(1.0)	ND(1.0)	12.5	15.1	94.2	1.1 J	2.5 J	13.4	ND(25)	
	02/19/2009	2.0	ND(1.0)	ND(1.0)	9.3	11.3	79.7	0.65 J	2.1 J	11.5	ND(25)	
	03/11/2009	2.3	ND(1.0)	ND(1.0)	10.6	12.9	96.4	0.74 J	1.9 J	10.8	ND(25)	
	04/21/2009	2.4	ND(1.0)	ND(1.0)	10.0	12.4	102	0.83 J	2.3 J	10.5	ND(25)	
	05/21/2009	1.3	ND(1.0)	ND(1.0)	5.4	6.7	56.0	ND(5.0)	0.86 J	4.5 J	ND(25)	
	06/11/2009	0.90 J	ND(1.0)	ND(1.0)	3.7	4.6	53.4	ND(5.0)	0.89 J	4.4 J	ND(25)	
	07/29/2009	0.65 J	ND(1.0)	ND(1.0)	3.2	3.9	41.4	0.38 J	0.91 J	3.2 J	ND(25)	
	08/24/2009	0.39 J	ND(1.0)	ND(1.0)	1.3	1.7	31.2	ND(5.0)	0.73 J	2.3 J	ND(25)	
	09/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	28.2	0.38 J	0.86 J	2.3 J	ND(25)	
	10/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	1.4	1.4	23.6	ND(5.0)	0.72 J	2.5 J	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	0.79 J	0.79	20.2	ND(5.0)	0.41 J	1.4 J	ND(25)	
	12/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.1	ND(5.0)	0.33 J	0.66 J	ND(25)	
	02/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.5	ND(5.0)	0.33 J	0.57 J	ND(25)	
	03/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.32 J	0.32	12.2	ND(5.0)	0.52 J	0.91 J	ND(25)	
	04/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.6	ND(5.0)	0.41 J	ND(5.0)	ND(25)	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.0	ND(5.0)	0.38 J	ND(5.0)	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.8	ND(5.0)	0.51 J	ND(5.0)	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	11.0	ND(5.0)	0.60 J	ND(5.0)	ND(25)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.43 J	0.43	14.7	ND(5.0)	0.53 J	0.57 J	ND(25)	
	07/26/2010	0.76 J	ND(1.0)	ND(1.0)	4.0	4.8	20.6	ND(5.0)	0.57 J	1.4 J	ND(25)	

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MW-59D [R]	08/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.33 J	0.33	13.5	ND(5.0)	0.52 J	0.58 J	ND(25)	
	08/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.41 J	0.41	10	ND(5.0)	0.51 J	0.56 J	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.53 J	0.53	17.3	ND(5.0)	0.78 J	0.99 J	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.7	1.7	21.6	ND(5.0)	0.60 J	1.7 J	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.7	ND(5.0)	0.46 J	0.65 J	ND(25)	
	10/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.31 J	0.31	12.5	ND(5.0)	0.56 J	0.82 J	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.8	ND(5.0)	0.68 J	1.1 J	ND(25)	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.65 J	0.65	12.0	ND(5.0)	0.51 J	1.0 J	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.1	1.1	17.0	ND(5.0)	0.68 J	1.2 J	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.83 J	0.83	15.0	ND(5.0)	0.56 J	1.1 J	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	14.9	ND(5.0)	0.62 J	1.1 J	ND(25)	
	01/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	17.4	ND(5.0)	0.68 J	1.4 J	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	28.6	27.1	55.7	15.5	ND(5.0)	0.60 J	1.3 J	ND(25)	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.5	1.5	23.0	ND(5.0)	0.75 J	1.9 J	ND(25)	
	03/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	25.4	ND(5.0)	0.77 J	1.8 J	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.7	ND(5.0)	0.36 J	0.73 J	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.0	ND(5.0)	0.33 J	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.7	ND(5.0)	0.31 J	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.46 J	0.46	7.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.0	ND(5.0)	0.30 J	ND(5.0)	ND(25)	
	06/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.2	ND(5.0)	0.29 J	ND(5.0)	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	9.3	ND(5.0)	0.40 J	ND(5.0)	ND(25)	

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MW-73	03/15/2006	19.3	151	44.1	85.3	300	28.0	ND(5.0)	0.38 J	4.6 J	ND(25)	
	03/17/2006	1.3	11.9	2.6	5.3	21.1	1.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/22/2006	ND(1.0)	0.36 J	ND(1.0)	ND(1.0)	0.36	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/29/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/05/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	11/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	02/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/21/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/06/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/20/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	No Access
	08/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.31 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.31 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/27/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.57 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/19/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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MW-73	01/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/10/2010	ND(1.0)	1.3	ND(1.0)	ND(1.0)	1.3	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-73	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-74 [R]	03/15/2006	1220	4240	722	1920	8102	131000	255 J	892 J	5700	ND(6300)	
	03/21/2006	2910	6300	516	1090	10816	310000	431 J	1510 J	8490	ND(13000)	
	03/28/2006	6120	11200	227	3530	21077	464000	1210	4260	20100	ND(2500)	
	04/04/2006	3330	8160	807 J	2280	14577	199000	ND(5000)	1920 J	10000	ND(25000)	
	04/11/2006	2970	8310	758 J	2090	14128	181000	298 J	1200 J	7620	ND(25000)	
	04/21/2006	2510	9800	1580	4600	18490	212000	410 J	1730	9360	ND(2500)	
	05/15/2006	1490	3240	129	1900	6759	195000	474	1670	7170	ND(1300)	
	06/13/2006	2580	5830	486 J	1590	10486	177000	ND(5000)	1500 J	7950	ND(25000)	
	07/11/2006	4440	10800	591	3550	19381	182000	NA	NA	NA	ND(2500)	
	08/22/2006	4230	13700	1170	3680	22780	208000	NA	NA	NA	ND(25000)	
	09/19/2006	2530	8240	848	3730	15348	169000	NA	NA	NA	1080 J	
	10/18/2006	3220	12000	1150	4710	21080	239000	NA	NA	NA	ND(630)	
	11/07/2006	4340	14000	1210	4590	24140	252000	NA	NA	NA	ND(2500)	
	01/19/2007	2560	11100	916 J	3750	18326	135000	ND(5000)	689 J	5890	ND(25000)	
	02/16/2007	4760	18000	1960	7620	32340	166000	546 J	1880	11000	ND(6300)	
	03/15/2007	7190	25200	2400	8880	43670	164000	767 J	2210 J	11300	ND(13000)	
	04/11/2007	2260	13100	1720	7480	24560	119000	400 J	1410	8350	ND(2500)	
	05/08/2007	2630	12900	1390	6460	23380	120000	484 J	1610	8070	ND(6300)	
	06/05/2007	1740	10200	1510	6500	19950	68500	233 J	839 J	5060	ND(5000)	
	07/19/2007	1180	7220	1070	5090	14560	44800	158 J	575 J	3580	ND(5000)	
	08/17/2007	1390	8260	1300	6600	17550	45900	240 J	576 J	3920	ND(5000)	
	09/11/2007	2710	14500	1310	6540	25060	53800	244 J	745	4780	ND(2500)	
	10/09/2007	0.23 J	ND(1.0)	ND(1.0)	ND(1.0)	0.23	21.0	0.71 J	0.86 J	3.5 J	ND(25)	
	10/29/2007	1170	5810	811	4310	12101	27800	143 J	398 J	2340	3350	
	12/05/2007	1090	5290	854	5430	12664	27300	ND(250)	386	2420	ND(1300)	
	12/11/2007	1150	6230	776	5420	13576	28800	103 J	361	2400	ND(1300)	
	01/16/2008	1020	5120	736	5450	12326	21000	75.5	255	1830	286	
	02/18/2008	597	2930	259	3620	7406	12300	ND(500)	106 J	900	ND(2500)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-74 [R]	03/13/2008	966	4900	584	6000	12450	17500	65.4 J	208 J	1540	ND(2500)	
	04/25/2008	972	5070	469	4670	11181	15600	ND(500)	182 J	1510	ND(2500)	
	05/14/2008	391	1640	38.1 J	2490	4559	11300	ND(500)	127 J	979	ND(2500)	
	08/19/2008	288	918	28.7	1700	2935	6150	20.5 J	68.1	542	131	
	12/22/2008	246	1230	74.3	2630	4180	3890	19 J	55.5	352	ND(250)	
	01/29/2009	402	3230	205	5170	9007	6220	29.0	93.9	603	288	
	02/23/2009	118	361	ND(20)	1270	1749	3660	14.0 J	44.7 J	281	ND(500)	
	03/11/2009	183	1260	10.5	2840	4294	4000	13.9 J	39.5 J	327	ND(250)	
	04/20/2009	272	1820	111	2530	4733	2760	10.8 J	34.2 J	249	ND(250)	
	05/21/2009	177	1290	53.8	2390	3911	2420	ND(100)	21.4 J	177	ND(500)	
	06/11/2009	69.4	285	11.2 J	1580	1946	2390	ND(100)	20.0 J	170	ND(500)	
	07/29/2009	59.0	307	13.5	1520	1900	2350	6.3 J	20.7 J	171	ND(250)	
	08/24/2009	56.3	283	9.3	1170	1519	2240	5.0 J	18.7 J	147	65.1 J	
	09/17/2009	46.2	255	9.3	1140	1451	2010	6.3 J	20.4 J	158	ND(130)	
	10/14/2009	40.4	245	ND(5.0)	934	1219	1490	5.2 J	16.4 J	137	ND(130)	
	11/23/2009	69.3	533	18.4	1160	1781	1960	4.4 J	16.1 J	123	ND(130)	
	12/28/2009	80.0	497	34.9	1500	2112	1470	6.2 J	19.4	139	ND(63)	
	01/25/2010	12.1	128	17.4	293	451	121	0.40 J	1.2 J	10.7	ND(25)	
	02/23/2010	85.2	1120	52.0	2020	3277	1050	ND(50)	10.0 J	79.4	ND(250)	
	03/18/2010	63.1	900	43.9	1360	2367	937	3.3 J	11.1 J	74.6	ND(100)	
	04/21/2010	73.5	1440	88.3	1810	3412	1010	3.1 J	10.6 J	75.6	40.6 J	
	05/26/2010	23.8	213	10.4	666	913	1210	2.7 J	8.8	76.8	55.7	
	06/10/2010	19.6	89.2	6.1	906	1021	1190	3.5 J	10.5	75.0	118	
	06/23/2010	12.2	26.6	ND(5.0)	584	623	978	2.1 J	7.5 J	70.5	ND(130)	
	07/15/2010	9.6	12.2	ND(5.0)	513	535	1180	2.5 J	8.3 J	71.2	ND(130)	
	07/27/2010	11.5	23.6	1.1	633	669	1470	3.2 J	10.7	93.7	58.3	
	08/10/2010	12.4	22.6	ND(5.0)	415	450	959	2.6 J	9.5 J	75.5	48.4 J	
	08/24/2010	6.9	1.4	ND(1.0)	194	202	739	1.7 J	6.5	52.8	32.9	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-74 [R]	09/07/2010	9.3	12.0	ND(5.0)	274	295	1070	3.7 J	9.2 J	69.3	ND(130)	
	09/24/2010	0.88 J	ND(1.0)	ND(1.0)	14.6	15.5	205	0.86 J	2.7 J	16.0	ND(25)	
	10/12/2010	4.8	3.1	ND(1.0)	129	137	963	2.2 J	8.0	60.3	51.9	
	10/27/2010	4.6	4.0	ND(1.0)	128	137	880	2.1 J	7.6	61.3	64.9	
	11/08/2010	3.3 J	6.7	ND(5.0)	102	112	1050	3.1 J	12.6 J	67.5	512	
	11/29/2010	3.0	1.1 J	ND(2.0)	80.3	84.4	691	1.6 J	5.9 J	48.1	54.5	
	12/10/2010	5.2	8.8	ND(2.0)	171	185	999	2.1 J	8.4 J	78.5	72.4	
	12/28/2010	3.4	5.6	ND(2.0)	113	122	921	1.8 J	6.7 J	54.6	42.6 J	
	01/11/2011	1.9 J	ND(2.0)	ND(2.0)	44.0	45.9	518	1.3 J	4.7 J	38.5	37.6 J	
	01/20/2011	1.0	ND(1.0)	ND(1.0)	15.3	16.3	368	0.93 J	3.4 J	24.0	20.9 J	
	02/08/2011	0.63 J	ND(1.0)	14.8	24.4	39.8	472	1.2 J	4.4 J	31.0	22.2 J	
	02/28/2011	1.4	ND(1.0)	ND(1.0)	19.6	21.0	413	1.1 J	4.0 J	27.4	12.6 J	
	03/09/2011	1.1	ND(1.0)	ND(1.0)	12.7	13.8	369	0.99 J	3.6 J	20.5	ND(25)	
	03/29/2011	67.8	672	26.9	1160	1927	611	1.9 J	5.9	49.1	20.0 J	
	04/07/2011	47.8	610	15.0	869	1542	478	ND(25)	4.3 J	38.4	107 J	
	04/27/2011	23.4	165	2.5 J	466	657	406	ND(25)	4.1 J	31.6	ND(130)	
	05/11/2011	36.7	377	24.2	650	1088	532	1.8 J	5.9	41.9	12.1 J	
	05/24/2011	43.2	644	56.2	996	1739	664	1.8 J	6.2	47.9	ND(25)	
	06/07/2011	7.8	82.3	3.4	212	306	349	0.97 J	3.4 J	27.1	ND(25)	
	06/28/2011	0.60 J	2.9	0.29 J	9.0	12.8	290	0.74 J	2.7 J	17.0	18.2 J	
	07/08/2011	1.9	11.4	0.85 J	127	141	143	ND(5.0)	1.4 J	12.6	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-75 [R]	03/15/2006	2090	5320	670 J	1370	9450	122000	ND(5000)	720 J	4520 J	ND(25000)	
	03/21/2006	1200	3340	332	798	5670	79700	218 J	728	3730	ND(2500)	
	03/28/2006	537	1070	63.7	345	2016	36900	93.7 J	316	1590	ND(1300)	
	04/04/2006	5850	19600	2150	7080	34680	205000	770 J	2340 J	13300	ND(25000)	
	04/11/2006	3690	9160	521 J	2890	16261	224000	452 J	1550 J	11700	ND(25000)	
	04/18/2006	5220	14100	930 J	4270	24520	259000	634 J	2010 J	12900	ND(25000)	
	05/15/2006	3670	11300	963	2910	18843	134000	423	1350	7750	ND(1300)	
	06/13/2006	2410	6920	479	2790	12599	121000	409 J	1270 J	7980	ND(6300)	
	07/11/2006	2950	9010	390	4480	16830	73400	NA	NA	NA	ND(1300)	
	08/22/2006	2310	8600	491	4500	15901	60500	NA	NA	NA	ND(1300)	
	09/19/2006	1700	5290	311	3660	10961	64600	NA	NA	NA	ND(1300)	
	10/18/2006	916	2120	30.8 J	2590	5657	64700	NA	NA	NA	ND(1300)	
	12/27/2006	627	2490	84.1	2180	5381	48500	142 J	520	3060	ND(1300)	
	01/19/2007	449	1960	111	1540	4060	32700	67.0 J	273	2190	ND(1300)	
	02/16/2007	2440	12300	1550	6580	22870	64600	235 J	813 J	5010	ND(5000)	
	03/15/2007	2060	10700	1360	6170	20290	44500	204 J	640 J	3520	ND(5000)	
	04/11/2007	595	2160	262	2820	5837	34300	119	426	2230 J	185 J	
	05/08/2007	1190	6140	682	4320	12332	44500	186 J	649	3540	ND(2500)	
	06/05/2007	497	2850	369	2670	6386	28500	101 J	362 J	2170	ND(2500)	
	07/19/2007	184	618	42.3 J	1260	2104	11300	34.9 J	137 J	878	ND(1300)	
	08/17/2007	35.7	234	26.0	332	628	2590	8.1 J	32.8 J	224	ND(250)	
	09/11/2007	877	5890	1180	6160	14107	17300	77.9	241	1490	ND(25)	
	10/09/2007	0.63 J	0.38 J	ND(1.0)	20.1	21.1	360	3.2 J	8.2	32.9	ND(25)	
	10/29/2007	537	2770	246	3410	6963	14200	ND(250)	ND(250)	ND(250)	ND(1300)	
	12/11/2007	446	2130	150	3420	6146	13500	45.4 J	166	992	ND(500)	
	01/16/2008	516	2280	181	4220	7197	12300	35.8	138	757	549	
	02/18/2008	241	852	51.7	1930	3075	5640	ND(250)	41.2 J	293	ND(1300)	
	03/13/2008	471	1960	146	4490	7067	11300	ND(100)	129	820	ND(500)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-75 [R]	04/25/2008	380	903	37.4 J	3540	4860	9400	24.8 J	103 J	722	ND(1300)	
	05/14/2008	274	858	62.2	3050	4244	9710	ND(250)	100 J	649	ND(1300)	
	08/19/2008	199	329	21.1	2270	2819	7410	19.2 J	69.1	476	ND(130)	
	12/22/2008	81.1	44	4.3 J	955	1084	4640	13.1 J	48.5	285	ND(130)	
	01/29/2009	101	83.4	9.4	1010	1204	4250	13.8 J	50.7	282	ND(130)	
	02/23/2009	87.1	75.0	ND(10)	969	1131	3750	12.9 J	45.4 J	259	ND(250)	
	03/11/2009	45.0	23.7	2.0	817	888	3880	9.4 J	32.8	213	ND(50)	
	04/20/2009	27.6	11.1	ND(5.0)	297	336	1460	4.5 J	16.4 J	101	ND(130)	
	05/21/2009	40.0	41.0	4.4 J	653	738	1850	4.3 J	15.4 J	106	ND(250)	
	06/11/2009	45.0	31.8	ND(20)	500	577	2640	ND(100)	22.7 J	155	ND(500)	
	07/29/2009	21.2	7.6 J	ND(10)	307	336	1820	5.5 J	18.5 J	119	ND(250)	
	08/24/2009	15.6	4.7	0.77 J	194	215	1730	5.0	17.7	96.4	18.4 J	
	09/17/2009	14.6	4.7 J	ND(10)	204	223	1740	6.6 J	20.2 J	114	ND(250)	
	10/14/2009	16.9	ND(5.0)	ND(5.0)	221	238	1180	ND(25)	15.7 J	101	ND(130)	
	11/23/2009	14.0	2.6	0.36 J	171	188	1210	3.8 J	13.6	74.8	ND(25)	
	12/28/2009	8.2	1.3 J	ND(2.0)	120	130	1200	3.6 J	12.4	81.7	ND(50)	
	01/25/2010	8.0	118	11.7	283	421	102	ND(5.0)	0.99 J	8.1	ND(25)	
	02/23/2010	6.7	0.95 J	ND(1.0)	99.7	107.4	835	2.4 J	8.7	50.2	8.4 J	
	03/18/2010	3.8	0.59 J	ND(1.0)	56.1	60.5	714	2.8 J	9.1	48.8	17.3 J	
	04/21/2010	5.4	3.1	0.44 J	84.3	93.2	718	2.7 J	8.9	49.3	18.5 J	
	05/25/2010	2.3	ND(1.0)	ND(1.0)	29.8	32.1	556	1.9 J	6.3	39.5	40.2	
	06/10/2010	2.0	ND(1.0)	ND(1.0)	31.2	33.2	567	2.1 J	6.4	35.1	ND(25)	
	06/23/2010	0.71 J	ND(1.0)	ND(1.0)	10.8	11.5	318	0.88 J	3.4 J	24.4	ND(25)	
	07/15/2010	0.58 J	ND(1.0)	ND(1.0)	7.5	8.1	299	0.89 J	3.1 J	19.0	11.6 J	
	07/27/2010	1.3	ND(1.0)	ND(1.0)	20.3	21.6	318	0.98 J	3.3 J	20.8	7.8 J	
	08/10/2010	0.78 J	0.90 J	ND(1.0)	11.5	13.2	306	0.93 J	3.4 J	19.2	ND(25)	
	08/24/2010	0.55 J	ND(1.0)	ND(1.0)	7.1	7.7	217	0.63 J	2.5 J	15.0	ND(25)	
	09/07/2010	0.96 J	ND(1.0)	ND(1.0)	12.1	13.1	280	1.3 J	3.7 J	19.0	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-75 [R]	09/24/2010	8.3	38.3	4.0	310	361	936	1.9 J	7.6	72.6	69.1	
	10/12/2010	1.1	ND(1.0)	ND(1.0)	16.1	17.2	316	0.96 J	3.3 J	19.3	ND(25)	
	10/27/2010	1.4	ND(1.0)	ND(1.0)	21.3	22.7	271	1.0 J	3.5 J	20.9	ND(25)	
	11/08/2010	0.69 J	ND(1.0)	ND(1.0)	10.7	11.4	283	1.1 J	4.0 J	18.9	132	
	11/29/2010	0.46 J	ND(1.0)	ND(1.0)	8.4	8.9	196	0.74 J	2.3 J	14.1	ND(25)	
	12/10/2010	0.97 J	ND(1.0)	ND(1.0)	13.6	14.6	236	0.75 J	2.9 J	19.0	17.4 J	
	12/28/2010	0.62 J	ND(1.0)	ND(1.0)	7.9	8.5	208	0.64 J	2.4 J	14.3	9.0 J	
	01/11/2011	0.41 J	ND(1.0)	ND(1.0)	4.2	4.6	154	0.50 J	1.8 J	11.7	ND(25)	
	01/20/2011	0.68 J	ND(1.0)	ND(1.0)	3.8	4.5	169	0.56 J	2.0 J	11.2	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	12.2	11.3	23.5	131	0.54 J	1.7 J	9.1	10.7 J	
	02/28/2011	0.56 J	ND(1.0)	ND(1.0)	6.5	7.1	138	0.44 J	1.7 J	9.4	9.8 J	
	03/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.7	1.7	124	ND(5.0)	1.6 J	7.1	ND(25)	
	03/29/2011	0.82 J	ND(1.0)	ND(1.0)	6.4	7.2	199	0.75 J	2.5 J	15.3	9.6 J	
	04/07/2011	1.5	ND(1.0)	ND(1.0)	33.2	34.7	159	0.52 J	1.9 J	14.5	46.0	
	04/27/2011	1.1	ND(1.0)	ND(1.0)	24.2	25.3	218	0.99 J	3.1 J	16.5	74.6	
	05/11/2011	0.37 J	ND(1.0)	ND(1.0)	6.8	7.2	198	0.86 J	2.6 J	15.3	ND(25)	
	05/24/2011	2.3	2.8	0.27 J	53.9	59.3	197	0.75 J	2.3 J	14.9	ND(25)	
	06/07/2011	0.70 J	0.24 J	ND(1.0)	13.4	14.3	241	0.75 J	2.7 J	19.3	ND(25)	
	06/28/2011	0.46 J	ND(1.0)	ND(1.0)	10	10	199	0.67 J	2.3 J	14.5	11.8 J	
	07/08/2011	0.48 J	ND(1.0)	ND(1.0)	4.1	4.6	162	0.59 J	2.0 J	13.3	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-76 [R]	03/15/2006	3420	7740	697	2030	13887	130000	576 J	1720	10500	ND(6300)	
	03/16/2006	398	896	61.6	183	1539	16200	46.5 J	155 J	963	ND(1300)	
	03/28/2006	1940	10900	3080	8400	24320	45200	214 J	799	5680	ND(2500)	
	04/04/2006	1110	4810	1340	4950	12210	17600	145 J	420 J	2650	ND(2500)	
	04/18/2006	156	539	198	1350	2243	4820	46.6 J	130	974	ND(500)	
	05/15/2006	1.8 J	51.4	23.7	218	295	354	4.7 J	14.0	118	ND(50)	
	06/13/2006	2.9	89.7	30.4	399	522	320	3.4 J	10.7	97.9	ND(25)	
	07/11/2006	0.76 J	7.3	0.97 J	153	162	352	NA	NA	NA	ND(50)	
	08/22/2006	ND(1.0)	0.44 J	ND(1.0)	3.9	4.3	319	NA	NA	NA	ND(25)	
	11/07/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	59.9	NA	NA	NA	ND(25)	
	02/19/2007	0.22 J	0.64 J	ND(1.0)	3.7	4.6	74.3	0.28 J	1.0 J	5.5	ND(25)	
	05/08/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.7	ND(5.0)	0.48 J	0.34 J	ND(25)	
	08/17/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.4	ND(5.0)	0.83 J	ND(5.0)	ND(25)	
	10/29/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/18/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/14/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.88 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/19/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/10/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.74 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/21/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.55 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.58 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.60 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.66 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-76 [R]	10/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.81 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.24 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/25/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	12.0 J	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.36 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.82 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.91 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/10/2010	ND(1.0)	0.65 J	ND(1.0)	ND(1.0)	0.65	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.59 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.48 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.79 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.87 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.92 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.79 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.75 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	39.0	33.7	72.7	0.59 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.76 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.89 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.53 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-76 [R]	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.33 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.24 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.30 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.30 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-84 [R]	03/18/2006	2190	4390	318 J	661	7559	316000	368 J	1440 J	6460	ND(13000)	
	03/22/2006	4050	8550	712 J	2030	15342	500000	788 J	3410 J	13800	ND(25000)	
	03/28/2006	5690	15300	1610	4620	27220	354000	940 J	3380	15500	ND(13000)	
	04/04/2006	2770	6890	643	1750	12053	191000	448 J	1670 J	8120	ND(13000)	
	04/11/2006	8220	27800	3470	9950	49440	560000	1000 J	3640 J	22000	ND(25000)	
	04/18/2006	4810	16200	1340	7110	29460	287000	801 J	3020 J	15700	ND(25000)	
	05/16/2006	6270	15100	1040 J	4310	26720	431000	ND(13000)	3210 J	16500	ND(63000)	
	08/23/2006	2590	9590	ND(500)	4760	16940	129000	NA	NA	NA	ND(13000)	
	09/20/2006	451	2260	131	1080	3922	40600	NA	NA	NA	ND(2500)	
	10/19/2006	33.8	502	113	407	1056	3460	NA	NA	NA	338	
	11/08/2006	1.6 J	30.5	7.8	33.7	73.6	608	NA	NA	NA	628	
	12/21/2006	1.5 J	9.9	1.9 J	10.2	23.5	879	ND(25)	5.8 J	59.9	467	
	01/19/2007	2090	11800	806 J	5140	19836	147000	ND(5000)	670 J	6720	ND(25000)	
	02/15/2007	956	4510	444	4690	10600	75900	172	728	4990	787	
	03/14/2007	1370	6860	720	8610	17560	92000	ND(2500)	738 J	6280	ND(13000)	
	04/11/2007	762	3360	249	6180	10551	69300	162 J	637	5110	740 J	
	05/09/2007	726	5070	868	6640	13304	53000	ND(1000)	540 J	4350	ND(5000)	
	06/05/2007	468	3070	401	5030	8969	46300	114 J	430 J	3670	ND(5000)	
	07/19/2007	560	3310	365	5690	9925	38500	104 J	386 J	3050	ND(2500)	
	08/17/2007	399	1640	182	5300	7521	34300	104 J	333 J	3030	ND(2500)	
	09/13/2007	247	662	73.1	2740	3722	26200	66.9 J	227 J	1880	ND(1300)	
	10/10/2007	105	122	5.5 J	1510	1743	22100	57.6	227	1820	603	
	01/09/2008	0.44 J	18.0	14.2	63.9	96.5	76.6	ND(5.0)	0.38 J	5.0	8.1 J	
	02/18/2008	111	178	12.6 J	1960	2262	20600	41.0 J	170	1620	377 J	
	03/18/2008	122	118	7.3 J	1220	1467	15800	31.1 J	127	1140	320	
	04/24/2008	55.4	20.2 J	ND(25)	638	714	13400	28.5 J	121 J	971	246 J	
	05/21/2008	140	117	4.9 J	911	1173	14100	36.5	136	956	307	
	08/22/2008	87.6	106	4.0	698	896	7470	17.7	65.9	469	126	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-84 [R]	12/19/2008	19.0	13.8	ND(10)	148	181	4480	13.2 J	46.7 J	270	ND(250)	
	01/30/2009	2.8 J	1.5 J	ND(5.0)	31.2	35.5	3820	10.1 J	39.8	251	65.9 J	
	02/23/2009	12.5	5.5 J	ND(10)	68.5	86.5	3970	9.4 J	34.4 J	227	ND(250)	
	03/12/2009	8.9	5.5	ND(5.0)	64.9	79.3	3140	6.7 J	25.0	183	45.0 J	
	04/20/2009	10	8.4	ND(5.0)	89.4	108	2750	7.1 J	28.2	182	ND(130)	
	05/20/2009	5.5	1.5 J	ND(5.0)	22.3	29.3	3510	11.1 J	39.6	219	ND(130)	
	06/11/2009	ND(10)	ND(10)	ND(10)	7.6 J	7.6	3220	8.6 J	31.6 J	187	ND(250)	
	07/28/2009	5.5 J	ND(10)	ND(10)	29.1	34.6	2720	5.8 J	21.6 J	150	ND(250)	
	08/25/2009	2.1 J	ND(5.0)	ND(5.0)	7.1	9.2	2240	5.5 J	20.7 J	143	ND(130)	
	09/16/2009	1.4 J	ND(5.0)	ND(5.0)	3.3 J	4.7	2050	4.9 J	18.9 J	124	38.2 J	
	10/15/2009	1.1	ND(1.0)	ND(1.0)	3.5	4.6	1370	5.8	20.6	126	ND(25)	
	11/24/2009	1.7	0.91 J	0.45 J	11.0	14.1	1040	2.8 J	11.6	61.1	ND(25)	
	12/22/2009	0.77 J	ND(1.0)	ND(1.0)	2.9	3.7	1110	3.6 J	15.0	78.8	ND(25)	
	01/28/2010	0.89 J	ND(1.0)	ND(1.0)	3.7	4.6	1250	4.4 J	16.6	88.8	24.7 J	
	02/24/2010	0.87 J	ND(2.0)	ND(2.0)	1.5 J	2.4	1470	3.7 J	13.4	82.1	40.2 J	
	03/18/2010	1.7	ND(1.0)	ND(1.0)	6.0	7.7	1130	5.3	18.3	83.4	29.3	
	04/20/2010	2.2	0.45 J	ND(1.0)	8.3	11.0	1090	3.8 J	12.2	80.3	ND(25)	
	05/25/2010	4.1	ND(1.0)	ND(1.0)	10.6	14.7	1010	4.2 J	13.0	93.0	86.6	
	06/10/2010	2.1	ND(1.0)	ND(1.0)	7.7	9.8	1090	4.7 J	13.9	87.8	220	
	06/23/2010	1.2	ND(1.0)	ND(1.0)	3.1	4.3	899	3.1 J	10.1	82.7	ND(25)	
	07/15/2010	0.71 J	ND(2.0)	ND(2.0)	1.2 J	1.9	914	3.3 J	10.8	77.1	ND(50)	
	07/27/2010	3.4	ND(1.0)	ND(1.0)	13.0	16.4	1170	4.2 J	13.6	94.2	21.8 J	
	08/10/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	1150	2.8 J	10.2 J	78.6	ND(130)	
	08/23/2010	0.24 J	ND(1.0)	ND(1.0)	0.42 J	0.66	868	3.1 J	10.3	68.0	17.1 J	
	09/09/2010	0.34 J	ND(1.0)	ND(1.0)	0.40 J	0.74	812	2.5 J	9.1	65.9	ND(25)	
	09/29/2010	0.54 J	ND(1.0)	ND(1.0)	2.6	3.1	708	2.8 J	9.8	69.1	ND(25)	
	10/12/2010	0.41 J	ND(1.0)	ND(1.0)	0.69 J	1.10	876	3.3 J	11.5	61.6	16.1 J	
	10/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	604	2.4 J	9.3	46.3	17.4 J	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-84 [R]	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	591	2.7 J	11.9	43.2	263	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	135	1.5 J	6.1	4.1 J	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	101	1.1 J	6.2	2.6 J	ND(25)	
	12/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	52.6	0.70 J	4.5 J	1.2 J	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	50.8	0.72 J	4.7 J	0.99 J	ND(25)	
	01/27/2011	2.0	0.53 J	0.40 J	9.0	11.9	380	1.8 J	6.1	42.0	21.2 J	
	02/08/2011	ND(1.0)	ND(1.0)	13.3	12.4	25.7	54.8	0.80 J	4.3 J	1.4 J	ND(25)	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	50.6	0.78 J	4.1 J	1.2 J	ND(25)	
	03/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	125	1.4 J	6.0	3.7 J	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	105	1.2 J	4.8 J	2.8 J	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	51.7	0.88 J	4.3 J	0.97 J	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	151	1.2 J	4.8 J	4.8 J	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.3	0.40 J	1.2 J	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.20 J	0.20	109	0.75 J	3.2 J	4.4 J	ND(25)	
	06/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	80.0	1.1 J	4.6 J	1.7 J	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	85.1	1.6 J	5.6	2.1 J	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.2	ND(5.0)	0.46 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-84P	11/06/2007	50.1	778	107	647	1582	44300	85.0 J	284	3680	1170 J	
	05/23/2008	63.7	618	91.9	1080	1854	20900	45.6 J	151	1700	274	
	08/21/2008	395	2270	317	4050	7032	14900	47.9	135	1500	397	
	12/15/2008	27.8	273	46.3	1910	2257	2400	6.4 J	23.6 J	248	166 J	
	01/26/2009	ND(2.0)	2.6	ND(2.0)	42.1	44.7	287	2.2 J	10.4	13.0	ND(50)	
	02/23/2009	41.7	147	14.2	1620	1823	2590	8.5	26.8	257	68.0	
	03/09/2009	7.3	63.1	27.5	790	888	918	2.3 J	9.4 J	76.8	ND(130)	
	04/20/2009	6.4	30.2	16.6	638	691	921	3.2 J	13.0	83.0	12.7 J	
	05/20/2009	16.6	37.3	1.4 J	174	229	1280	3.8 J	12.9	141	45.6 J	
	06/11/2009	28.0	88.4	ND(10)	726	842	1270	ND(50)	10.8 J	126	ND(250)	
	07/28/2009	16.7	17.7	1.6 J	304	340	2140	5.1 J	16.7 J	206	70.5 J	
	08/25/2009	10.8	34.2	1.4 J	639	685	1710	4.1 J	13.9 J	167	ND(130)	
	09/16/2009	2.8 J	5.7	ND(5.0)	110	119	773	ND(25)	5.4 J	68.2	ND(130)	
	10/19/2009	3.6 J	8.3	ND(5.0)	205	217	1430	3.9 J	13.5 J	145	ND(130)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.7	ND(5.0)	0.98 J	1.2 J	ND(25)	
	12/22/2009	3.8	1.1	ND(1.0)	63.3	68.2	653	3.3 J	11.9	58.0	ND(25)	
	01/26/2010	0.40 J	0.79 J	5.7	22.5	29.4	302	1.2 J	4.6 J	23.3	ND(25)	
	02/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	3.4 J	7.7	ND(5.0)	ND(25)	
	03/22/2010	50.4	123	27.7	1000	1201	2380	7.4	28.1	148	38.4	
	04/21/2010	161	1960	621	4470	7212	2270	10.2 J	30.4 J	205	ND(250)	
	05/27/2010	ND(1.0)	6.3	2.7	37.9	46.9	405	1.4 J	6.5	19.4	65.5	
	06/07/2010	98.4	322	86.1	2220	2727	1240	4.5 J	13.4	115	36.9	
	06/22/2010	67.0	273	68.9	2470	2879	1440	5.3 J	15.2 J	99.3	33.3 J	
	07/15/2010	76.6	86.5	10.4	503	677	1260	3.9 J	11.4 J	106	ND(250)	
	07/27/2010	27.4	1390	251	3220	4888	217	ND(50)	ND(50)	19.3 J	ND(250)	
	08/09/2010	27.0	37.5	6.7	396	467	1590	5.4 J	17.2 J	126	56.3 J	
	08/23/2010	29.7	24.5	6.4	297	358	1220	4.4 J	13.7	107	43.2	
	09/09/2010	51.1	34.7	7.6	378	471	1160	3.5 J	11.9 J	117	ND(130)	

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MW-84P	09/22/2010	62.6	48.6	30.8	846	988	1380	4.2 J	13.1 J	121	ND(130)	
	10/14/2010	27.1	27.0	7.1	455	516	894	3.9 J	12.3	83.7	ND(25)	
	10/28/2010	26.9	16.1	4.9	359	407	1240	4.4 J	13.9	119	51.9	
	11/10/2010	18.7	13.1	1.7 J	241	275	905	4.0 J	12.0 J	97.6	381	
	11/29/2010	7.9	6.5	2.2	262	279	698	2.5 J	7.5	72.6	ND(25)	
	12/10/2010	9.2	6.0	2.6	114	132	620	2.6 J	8.2	84.7	46.8	
	12/27/2010	0.83 J	ND(2.0)	ND(2.0)	9.5	10.3	571	1.8 J	5.7 J	48.3	18.6 J	
	01/12/2011	5.3	4.2	5.5	51.7	66.7	537	2.2 J	5.9	50.4	29.6	
	01/27/2011	0.71 J	ND(1.0)	ND(1.0)	1.3	2.0	542	1.5 J	4.8 J	51.0	28.2	
	02/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	636	2.5 J	7.0	66.7	63.0	
	02/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	565	2.0 J	5.7	46.9	77.1	
	03/08/2011	0.33 J	0.36 J	ND(1.0)	1.6	2.3	427	1.6 J	4.7 J	43.5	55.5	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	93.2	0.62 J	1.5 J	6.7	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	64.3	0.81 J	2.0 J	1.4 J	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	55.8	0.56 J	1.6 J	3.5 J	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	106	1.2 J	4.1 J	3.6 J	ND(25)	
	05/26/2011	1.7	0.33 J	ND(1.0)	26.2	28.2	175	0.98 J	2.7 J	19.7	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	233	1.2 J	3.1 J	23.8	13.8 J	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	115	0.81 J	2.0 J	7.9	ND(25)	
	07/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	154	1.3 J	2.3 J	16.8	ND(25)	

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MW-85 [R]	03/22/2006	2130	4290	203 J	808	7431	172000	293 J	1230 J	3300	ND(13000)	
	03/29/2006	1870	4340	231 J	985	7426	198000	542 J	2270 J	6040	ND(13000)	
	04/06/2006	1410	6290	1150	2690	11540	72800	211 J	880 J	3320	ND(5000)	
	04/11/2006	1530	6960	1370	3370	13230	71800	211 J	872 J	3730	ND(6300)	
	04/18/2006	2240	8860	1190	3830	16120	78300	301 J	1050 J	3610	ND(13000)	
	05/16/2006	428	247	ND(200)	751	1426	26400	124 J	412 J	1570	ND(5000)	
	08/23/2006	17.7 J	413	ND(50)	975	1406	18500	NA	NA	NA	ND(1300)	
	11/08/2006	14.2	440	167	1010	1631	12400	NA	NA	NA	525	
	02/15/2007	29.5	187	15.1	194	426	10300	27.9	114	495	113 J	
	05/09/2007	92.9	467	46.0 J	288	894	13100	ND(250)	145 J	637	ND(1300)	
	08/17/2007	98.9	440	71.4	460	1070	12100	35.6 J	118 J	666	ND(630)	
	09/17/2007	0.31 J	ND(1.0)	0.27 J	2.2	2.8	31.3	ND(5.0)	ND(5.0)	0.86 J	ND(25)	
	10/30/2007	106	183	20.1	297	606	8610	33.1 J	104	470	1030	
	02/18/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	2140	5.9 J	26.0	104	ND(130)	
	05/21/2008	0.76 J	0.47 J	ND(1.0)	6.3	7.5	5870	18.3	71.1	313	ND(25)	
	08/22/2008	ND(1.0)	0.45 J	ND(1.0)	2.8	3.3	2130	6.5	25.5	120	23.6 J	
	12/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	895	7.5	29.2	37.4	ND(25)	
	03/19/2009	ND(10)	ND(10)	ND(10)	ND(10)	BRL	1890	3.1 J	24.2 J	77.6	ND(250)	
	06/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	125	2.4 J	9.1	3.8 J	ND(25)	
	09/10/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	161	3.0 J	10.5	5.1	ND(25)	
	12/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	87.5	ND(5.0)	2.9 J	4.2 J	ND(25)	
	03/10/2010	3.7	2.9	0.30 J	13.2	20.1	179	1.1 J	3.2 J	9.5	39.1	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	56.5	0.45 J	1.3 J	2.2 J	ND(25)	
	09/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.6	ND(5.0)	0.40 J	ND(5.0)	ND(25)	
	12/17/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.7	ND(5.0)	0.47 J	ND(5.0)	ND(25)	
	03/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	36.0	ND(5.0)	0.66 J	1.4 J	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.8	ND(5.0)	0.58 J	0.48 J	ND(25)	

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MW-86	03/18/2006	ND(1.0)	0.49 J	ND(1.0)	ND(1.0)	0.49	22.4	ND(5.0)	ND(5.0)	0.62 J	ND(25)	
	03/22/2006	1.5	11.2	2.6	7.2	22.5	31.2	ND(5.0)	ND(5.0)	2.1 J	ND(25)	
	03/29/2006	0.42 J	2.1	ND(1.0)	1.5	4.0	20.2	ND(5.0)	ND(5.0)	1.2 J	ND(25)	
	04/05/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.5	ND(5.0)	ND(5.0)	0.71 J	ND(25)	
	04/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	43.7	ND(5.0)	0.31 J	3.6 J	ND(25)	
	04/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	65.7	ND(5.0)	1.7 J	1.9 J	ND(25)	
	05/19/2006	0.47 J	1.8	ND(1.0)	0.78 J	3.1	183	0.65 J	4.0 J	10.5	ND(25)	
	08/24/2006	3.6	18.1	ND(2.5)	72.2	93.9	478	NA	NA	NA	ND(63)	
	11/14/2006	2.2	6.9	ND(1.0)	69.8	78.9	311	NA	NA	NA	ND(25)	
	02/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	102	ND(5.0)	ND(5.0)	6.3	ND(25)	
	05/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	43.1	ND(5.0)	0.42 J	2.2 J	ND(25)	
	08/21/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	83.3	0.34 J	1.0 J	4.8 J	ND(25)	
	09/17/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	58.9	ND(5.0)	0.76 J	3.3 J	ND(25)	
	11/06/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	83.1	ND(5.0)	0.70 J	3.2 J	ND(25)	
	02/26/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	20.6	ND(5.0)	ND(5.0)	1.1 J	ND(25)	
	05/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	22.6	ND(5.0)	ND(5.0)	0.79 J	ND(25)	
	08/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/12/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/10/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.79 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.54 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-87 [R]	03/18/2006	3.3	13.0	1.6	3.9	21.8	56.4	ND(5.0)	0.32 J	1.4 J	ND(25)	
	03/22/2006	ND(2.5)	1.8 J	ND(2.5)	ND(2.5)	1.8	6.5	ND(13)	ND(13)	ND(13)	ND(63)	
	03/29/2006	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	887	ND(25)	7.1 J	67.0	ND(130)	
	04/05/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	112	ND(5.0)	0.86 J	7.5	ND(25)	
	04/12/2006	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	285	ND(10)	2.1 J	22.5	ND(50)	
	04/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	56.2	ND(5.0)	ND(5.0)	4.2 J	ND(25)	
	05/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	37.1	ND(5.0)	ND(5.0)	2.4 J	ND(25)	
	08/24/2006	ND(1.0)	0.25 J	ND(1.0)	ND(1.0)	0.25	78.6	NA	NA	NA	ND(25)	
	11/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	20.4	NA	NA	NA	ND(25)	
	02/22/2007	ND(1.0)	7.1	0.56 J	10.2	17.9	1.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	ND(5.0)	0.56 J	ND(5.0)	ND(25)	
	08/21/2007	11.0 J	9.8 J	ND(20)	18.3 J	39.1	5890	21.5 J	81.0 J	427	ND(500)	
	09/17/2007	1.4 J	2.5 J	ND(5.0)	ND(5.0)	3.9	2080	6.5 J	21.7 J	119	ND(130)	
	11/06/2007	8.2 J	24.2	ND(20)	ND(20)	32.4	4450	ND(100)	44.8 J	191	ND(500)	
	02/18/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	28.2	ND(5.0)	1.4 J	0.96 J	ND(25)	
	05/15/2008	ND(1.0)	ND(1.0)	0.71 J	4.5	5.2	14.4	ND(5.0)	0.67 J	ND(5.0)	ND(25)	
	06/11/2008	ND(1.0)	ND(1.0)	0.93 J	6.1	7.0	1.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/24/2008	0.33 J	ND(1.0)	1.4	9.3	11.0	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	1.5	1.5	19.7	ND(5.0)	0.39 J	0.85 J	ND(25)	
	09/18/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	21.4	ND(5.0)	0.26 J	ND(5.0)	ND(25)	
	10/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.73 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/30/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.67 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.57 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/13/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.27 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/20/2009	0.50 J	ND(1.0)	ND(1.0)	ND(1.0)	0.50	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-87 [R]	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.31 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/25/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.38 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.61 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-87 [R]	02/08/2011	ND(1.0)	ND(1.0)	25.6	24.5	50.1	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-88	03/18/2006	0.54 J	2.3	0.43 J	1.0	4.3	807	ND(5.0)	167	1.0 J	ND(25)	
	03/22/2006	ND(5.0)	1.9 J	ND(5.0)	ND(5.0)	1.9	619	ND(25)	129	ND(25)	ND(130)	
	04/05/2006	0.41 J	ND(1.0)	ND(1.0)	ND(1.0)	0.41	656	ND(5.0)	138	0.94 J	ND(25)	
	04/12/2006	ND(10)	ND(10)	ND(10)	ND(10)	BRL	418	ND(50)	79.3	ND(50)	ND(250)	
	04/18/2006	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	592	ND(25)	118	ND(25)	ND(130)	
	05/18/2006	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	604	ND(25)	129	ND(25)	ND(130)	
	08/22/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	530	NA	NA	NA	ND(25)	
	11/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	310	NA	NA	NA	ND(25)	
	02/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	246	ND(5.0)	53.1	6.1	ND(25)	
	05/11/2007	ND(1.0)	0.34 J	ND(1.0)	ND(1.0)	0.34	135	ND(5.0)	32.7	3.0 J	ND(25)	
	08/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	17.9	ND(5.0)	2.4 J	0.59 J	ND(25)	
	09/17/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	22.3	ND(5.0)	5.3	0.39 J	ND(25)	
	11/06/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.59 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/12/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.4	ND(5.0)	1.8 J	ND(5.0)	ND(25)	
	06/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	14.2	ND(5.0)	1.8 J	ND(5.0)	ND(25)	
	12/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.4	ND(5.0)	0.50 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-89 [R]	03/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.56 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/29/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/05/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/18/2006	1.2 J	2.0	ND(2.0)	ND(2.0)	3.2	216	ND(10)	0.99 J	12.7	ND(50)	
	06/22/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	14.0	NA	NA	NA	ND(25)	
	07/07/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	47.6	NA	NA	NA	ND(25)	
	07/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	11.4	NA	NA	NA	ND(25)	
	07/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.1	NA	NA	NA	ND(25)	
	08/03/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.5	NA	NA	NA	ND(25)	
	08/07/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.0	NA	NA	NA	ND(25)	
	08/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.1	NA	NA	NA	ND(25)	
	08/31/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.8	NA	NA	NA	ND(25)	
	09/06/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	17.7	NA	NA	NA	ND(25)	
	09/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	47.4	NA	NA	NA	ND(25)	
	10/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	31.8	NA	NA	NA	ND(25)	
	11/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	32.7	NA	NA	NA	ND(25)	
	12/20/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	74.0	ND(5.0)	1.9 J	8.8	ND(25)	
	01/17/2007	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	2780	13.6 J	46.4	343	ND(130)	
	02/08/2007	10.0	29.6	2.7 J	14.1	56.4	4080	35.1	116	455	ND(130)	
	02/20/2007	50.6	140	16.5 J	84.4	292	10700	75.5 J	258	1360	ND(630)	
	03/14/2007	46.8	177	21.1	115	360	8400	72.0	253	793	ND(250)	
	04/11/2007	75.2	265	32.7	184	557	9650	63.9	218	930	ND(130)	
	05/10/2007	137	461	53.5	252	904	9770	64.3 J	237	941	ND(500)	
	06/08/2007	116	306	ND(25)	216	638	12900	71.3 J	259	1920	ND(630)	
	07/20/2007	3.8	2.8	ND(2.5)	18.1	24.7	2000	11.8 J	45.0	223	ND(63)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-89 [R]	08/17/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	276	2.9 J	10.1	28.0	ND(25)	
	09/12/2007	0.22 J	ND(1.0)	ND(1.0)	ND(1.0)	0.22	348	4.4 J	16.7	49.5	ND(25)	
	10/10/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	0.43 J	ND(5.0)	ND(25)	
	10/15/2007	ND(1.0)	ND(1.0)	ND(1.0)	0.35 J	0.35	19.6	2.6 J	9.2	ND(5.0)	ND(25)	
	11/02/2007	4.9	1.7	0.94 J	62.1	69.6	255	2.8 J	10.6	35.7	ND(25)	
	12/10/2007	8.4	1.6	0.33 J	62.0	72.3	595	5.3	20.5	80.8	ND(25)	
	01/16/2008	27.0	21.7	10	398	457	2090	11.6 J	42.4 J	229	ND(250)	
	02/25/2008	7.3	4.5	ND(4.0)	105	117	437	2.9 J	9.6 J	47.4	ND(100)	
	03/17/2008	89.3	39.1	14.5	926	1069	2810	10.8	39.0	343	ND(25)	
	04/25/2008	43.7	6.9 J	ND(10)	417	468	2210	8.0 J	33.4 J	279	ND(250)	
	05/14/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	1430	7.2 J	23.3 J	155	ND(130)	
	06/11/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	1.3	1.3	0.95 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.5	ND(5.0)	ND(5.0)	0.94 J	ND(25)	
	09/18/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.1	ND(5.0)	ND(5.0)	ND(5.0)	18.4 J	
	11/20/2008	0.74 J	ND(1.0)	ND(1.0)	2.9	3.6	127	1.7 J	5.7	6.1	ND(25)	
	12/18/2008	13.5	1.2	ND(1.0)	74.2	88.9	540	3.8 J	13.4	49.2	ND(25)	
	01/30/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.68 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/19/2009	11.0	0.86 J	ND(1.0)	91.2	103.1	556	2.8 J	9.3	54.0	ND(25)	
	03/10/2009	3.1	0.37 J	ND(1.0)	30.6	34.1	623	3.20	10.7	51.6	ND(25)	
	04/21/2009	165	34.9	6.5	1430	1636	5230	17.1	65.8	504	50.1	
	05/21/2009	6.2	ND(5.0)	ND(5.0)	51.8	58.0	2400	7.7 J	26.9	205	ND(130)	
	06/11/2009	9.5 J	ND(10)	ND(10)	20.9	30.4	1640	ND(50)	9.3 J	103	ND(250)	
	07/29/2009	3.7	ND(2.0)	ND(2.0)	21.3	25.0	1160	3.3 J	12.3	97.7	ND(50)	
	08/24/2009	2.6	ND(2.5)	ND(2.5)	10.3	12.9	1220	3.1 J	10.8 J	95.1	18.7 J	
	09/17/2009	3.3	ND(2.0)	ND(2.0)	12.8	16.1	1290	3.7 J	13.0	100	16.5 J	
	10/14/2009	2.7	0.60 J	ND(1.0)	13.9	17.2	720	2.7 J	8.5	63.6	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-89 [R]	11/23/2009	2.0	0.38 J	ND(1.0)	14.6	17.0	307	1.2 J	4.3 J	25.6	ND(25)	
	12/28/2009	1.6	ND(1.0)	ND(1.0)	9.4	11.0	370	1.7 J	5.3	32.4	12.1 J	
	01/25/2010	1.7	ND(1.0)	ND(1.0)	8.0	9.7	306	0.98 J	3.4 J	24.9	8.1 J	
	02/22/2010	0.48 J	ND(1.0)	ND(1.0)	0.77 J	1.25	191	0.84 J	2.7 J	11.9	ND(25)	
	03/18/2010	0.98 J	ND(1.0)	ND(1.0)	3.1	4.1	132	1.1 J	3.5 J	8.5	ND(25)	
	04/21/2010	0.82 J	ND(1.0)	ND(1.0)	1.5	2.3	123	1.2 J	3.6 J	8.0	ND(25)	
	05/26/2010	0.24 J	ND(1.0)	ND(1.0)	0.61 J	0.85	121	1.2 J	4.1 J	5.7	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	59.2	2.2 J	8.0	1.6 J	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	117	2.0 J	7.9	1.5 J	ND(25)	
	07/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	174	2.8 J	10.1	6.5	ND(25)	
	07/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	528	4.0 J	14.5	21.0	ND(25)	
	08/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	150	2.1 J	8.6	9.2	ND(25)	
	08/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	104	1.3 J	5.4	7.2	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1730	4.9 J	18.0	117	19.4 J	
	10/27/2010	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	1380	3.9 J	15.6	107	ND(50)	
	11/08/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	1410	4.5 J	19.6 J	96.5	594	
	11/29/2010	17.3	ND(1.0)	ND(1.0)	4.2	21.5	463	2.3 J	7.4	49.2	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	344	0.95 J	4.4 J	29.5	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	564	1.7 J	7.1	36.3	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	586	1.9 J	7.9	43.0	ND(25)	
	01/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.4	ND(5.0)	ND(5.0)	0.71 J	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	18.7	14.9	33.6	404	0.77 J	4.1 J	24.0	13.0 J	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1490	3.8 J	14.2	93.4	27.4	
	03/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1820	6.1	22.0	132	54.9	
	03/29/2011	0.72 J	ND(1.0)	ND(1.0)	0.35 J	1.07	163	0.59 J	2.1 J	11.4	ND(25)	
	04/07/2011	0.48 J	ND(1.0)	ND(1.0)	ND(1.0)	0.48	117	0.51 J	1.8 J	6.8	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-89 [R]	04/27/2011	0.72 J	ND(1.0)	ND(1.0)	ND(1.0)	0.72	93.9	0.53 J	1.8 J	6.6	ND(25)	
	05/11/2011	0.29 J	ND(1.0)	ND(1.0)	ND(1.0)	0.29	70.7	0.62 J	2.1 J	4.8 J	ND(25)	
	05/24/2011	1.7	ND(1.0)	ND(1.0)	ND(1.0)	1.7	160	0.62 J	2.1 J	12.6	ND(25)	
	06/07/2011	0.49 J	ND(1.0)	ND(1.0)	ND(1.0)	0.49	82.1	0.47 J	1.7 J	5.7	ND(25)	
	06/29/2011	0.33 J	ND(1.0)	ND(1.0)	ND(1.0)	0.33	79.3	ND(5.0)	2.2 J	5.5	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	59.1	0.59 J	2.1 J	3.7 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-90	03/20/2006	6840	19300	2090	5300	33530	122000	573	2010	11900	ND(2500)	
	03/21/2006	4920	13600	1370	3720	23610	106000	499 J	1510	7900	ND(2500)	
	03/28/2006	1820	4990	556	2020	9386	65900	291	956	4280	ND(250)	
	04/04/2006	555	920	110	3270	4855	14300	115 J	273	1430	ND(1300)	
	04/14/2006	ND(100)	57.2 J	ND(100)	784	841	14600	78.6 J	220 J	1470	ND(2500)	
	04/18/2006	587	2000	225	1140	3952	29700	124 J	377 J	1950	ND(2500)	
	05/15/2006	13.3 J	64.9	5.4 J	132	216	7170	23.3 J	78.1 J	582	ND(630)	
	06/13/2006	321	2110	337	2040	4808	4960	30.7 J	84.0 J	629	ND(500)	
	07/11/2006	761	13000	2690	7770	24221	6690	NA	NA	NA	ND(2500)	
	08/22/2006	62.3	1440	322	1230	3054	1860	NA	NA	NA	ND(130)	
	09/19/2006	4.6	102	26.6	117	250	813	NA	NA	NA	ND(63)	
	10/20/2006	8.2	255	87.1	392	742	340	NA	NA	NA	ND(63)	
	11/07/2006	0.51 J	9.9	2.0	14.3	26.7	275	NA	NA	NA	ND(25)	
	12/21/2006	0.65 J	8.8	1.7	11.7	22.9	32.2	ND(5.0)	1.2 J	1.9 J	ND(25)	
	01/18/2007	37.3	217	77.6	829	1161	1870	4.5 J	18.3	67.8	33.5	
	02/16/2007	ND(2.0)	7.1	2.2	25.4	34.7	225	0.59 J	2.0 J	6.0 J	ND(50)	
	03/15/2007	ND(1.0)	2.6	ND(1.0)	6.7	9.3	23.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/11/2007	1.0	38.3	18.5	86.9	144.7	27.4	ND(5.0)	ND(5.0)	1.7 J	ND(25)	
	05/08/2007	ND(1.0)	6.5	2.2	18.4	27.1	21.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/05/2007	0.45 J	5.7	1.3	13.7	21.2	32.4	ND(5.0)	0.70 J	2.4 J	ND(25)	
	07/19/2007	1.2	4.7	0.74 J	9.3	15.9	590	1.9 J	5.0	21.8	44.3	
	08/17/2007	ND(1.0)	14.2	8.9	52.6	75.7	8.2	ND(5.0)	ND(5.0)	0.57 J	ND(25)	
	09/11/2007	0.47 J	5.0	0.84 J	12.8	19.1	25.8	ND(5.0)	ND(5.0)	1.3 J	ND(25)	
	10/09/2007	0.39 J	1.9	0.41 J	5.4	8.1	178	ND(5.0)	1.6 J	7.4	ND(25)	
	10/29/2007	1.0	24.8	3.6	172	201	81.9	ND(5.0)	ND(5.0)	8.7	ND(25)	
	12/05/2007	1.6	78.0	39.9	319	439	57.5	ND(5.0)	ND(5.0)	3.5 J	ND(25)	
	01/16/2008	ND(1.0)	3.1	0.95 J	15.7	19.8	26.2	ND(5.0)	0.59 J	1.3 J	ND(25)	
	02/18/2008	ND(1.0)	0.73 J	ND(1.0)	4.5	5.2	14.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-90	03/13/2008	0.94 J	2.6	1.0	78.3	82.8	50.3	0.61 J	1.3 J	2.2 J	ND(25)	
	04/28/2008	ND(1.0)	1.6	ND(1.0)	176	178	57.4	ND(5.0)	ND(5.0)	3.2 J	ND(25)	
	05/21/2008	ND(1.0)	3.1	ND(1.0)	95.3	98.4	47.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2008	1.5	19.1	5.0	226	252	58.8	ND(5.0)	0.41 J	2.1 J	ND(25)	
	12/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	23.6	23.6	14.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2009	ND(1.0)	1.1	ND(1.0)	12.8	13.9	4.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/10/2009	ND(1.0)	ND(1.0)	ND(1.0)	0.49 J	0.49	1.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/13/2010	2.2	20.3	4.1	236	263	10.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/08/2010	1.5	8.1	1.7	109	120	8.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-91	03/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/05/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/11/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/15/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	08/24/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	11/13/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	02/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/14/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/07/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/20/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.44 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.90 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	ND(5.0)	0.33 J	ND(5.0)	ND(25)	
	05/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/12/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.79 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/30/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.30 J	ND(5.0)	0.35 J	ND(5.0)	ND(25)	
	12/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.31 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-91	04/19/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.31 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/10/2010	ND(1.0)	0.87 J	ND(1.0)	ND(1.0)	0.87	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.34 J	0.34	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-91C [R]	06/04/2010	49.3	ND(25)	ND(25)	ND(25)	49.3	11500	25.7 J	112 J	344	1310	
	06/11/2010	9.0 J	ND(25)	ND(25)	ND(25)	17.2	14100	27.2 J	137	502	ND(630)	
	06/17/2010	13.7 J	ND(25)	ND(25)	ND(25)	13.7	16000	33.9 J	161	455	ND(630)	
	06/22/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	17600	ND(500)	221 J	550	ND(2500)	
	07/01/2010	120	24.0 J	ND(50)	17.2 J	161	20000	46.9 J	202 J	575	ND(1300)	
	08/03/2010	220	82.8 J	ND(100)	58.4 J	361	21300	52.1 J	234 J	682	ND(2500)	
	08/10/2010	112	16.0 J	ND(50)	ND(50)	128	32100	48.4 J	240 J	865	ND(1300)	
	08/17/2010	33.5 J	ND(50)	ND(50)	ND(50)	33.5	24500	59.1 J	276	834	414 J	
	08/24/2010	17.9 J	ND(50)	ND(50)	ND(50)	17.9	38600	68.5 J	321	1030	ND(1300)	
	08/31/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	4040	12.1 J	40.4	109	143	
	09/07/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	28500	68.1 J	296 J	971	ND(2500)	
	09/14/2010	ND(10)	ND(10)	ND(10)	ND(10)	BRL	4210	5.5 J	26.3 J	104	ND(250)	
	09/24/2010	244	ND(100)	43.9 J	75.7 J	364	19700	46.8 J	200 J	650	ND(2500)	
	09/28/2010	17.6 J	ND(50)	ND(50)	ND(50)	17.6	38600	ND(250)	369	1300	1240 J	
	10/07/2010	277	ND(100)	ND(100)	ND(100)	277	39900	81.9 J	385 J	1550	1850 J	
	10/12/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	36900	89.2 J	382 J	1280	1740 J	
	10/18/2010	ND(100)	ND(100)	ND(100)	ND(100)	24.0	42400	95.0 J	406 J	1410	ND(2500)	
	10/26/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	34200	73.3 J	320 J	1100	ND(2500)	
	11/02/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	46400	103 J	441 J	1540	ND(2500)	
	11/09/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	42800	90.7 J	418 J	1590	ND(2500)	
	11/16/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	42800	98.4 J	440 J	1610	3150	
	11/23/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	45400	96.1 J	426 J	1590	ND(2500)	
	11/30/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	42100	122 J	492 J	1730	ND(2500)	
	12/07/2010	317	ND(100)	ND(100)	33.3 J	350	48900	107 J	432 J	1630	ND(2500)	
	12/14/2010	33.9 J	ND(100)	ND(100)	ND(100)	33.9	46900	94.5 J	450 J	1790	2150 J	
	12/21/2010	156	ND(100)	ND(100)	87.3 J	243	37800	85.0 J	403 J	1410	ND(2500)	
	12/28/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	50000	113 J	486 J	1830	ND(2500)	
	01/04/2011	ND(50)	ND(50)	ND(50)	ND(50)	BRL	36500	84.6 J	373	1400	1490	

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MW-91C [R]	01/11/2011	ND(100)	ND(100)	ND(100)	ND(100)	BRL	41000	94.8 J	405 J	1520	ND(2500)	
	01/17/2011	ND(50)	ND(50)	ND(50)	ND(50)	BRL	37800	94.7 J	388	1580	ND(1300)	
	01/24/2011	20.4 J	ND(50)	ND(50)	ND(50)	20.4	43100	114 J	453	1710	ND(1300)	
	03/01/2011	306	95.4	16.2 J	106	524	56800	155 J	606	2190	ND(1300)	
	03/08/2011	201	90.3 J	ND(100)	68.0 J	359	47600	122 J	469 J	1780	ND(2500)	
	03/22/2011	140	45.2 J	ND(100)	44.2 J	229	33100	84.7 J	379 J	1500	6160	
	03/29/2011	193	46.4 J	ND(50)	43.8 J	283	37900	104 J	425	1700	ND(1300)	
	04/05/2011	192	38.9 J	ND(50)	38.6 J	270	49200	107 J	451	1850	ND(1300)	
	04/12/2011	153	25.1 J	ND(50)	28.4 J	207	31200	97.5 J	406	1720	8840	
	04/19/2011	30.2 J	ND(50)	ND(50)	ND(50)	30.2	39800	89.7 J	404	1840	ND(1300)	
	04/26/2011	36.2	17.8 J	ND(25)	15.2 J	69.2	25200	70.5 J	275	1060	541 J	
	05/03/2011	67.4	90.2	ND(50)	32.0 J	189.6	43400	122 J	485	1930	2180	
	05/10/2011	98.3 J	81.0 J	ND(100)	33.6 J	212.9	41600	118 J	503	2050	951 J	
	05/17/2011	51.1	19.8 J	ND(50)	ND(50)	70.9	45100	124 J	509	2250	ND(1300)	
	05/24/2011	80.1 J	39.5 J	ND(100)	ND(100)	119.6	35800	81.1 J	364 J	1490	5090	
	05/31/2011	59.7	20.0 J	ND(50)	ND(50)	79.7	40900	98.5 J	400	1780	427 J	
	06/07/2011	ND(100)	ND(100)	ND(100)	ND(100)	BRL	51400	ND(500)	ND(500)	2070	21700	
	06/14/2011	16.5 J	12.3 J	ND(50)	ND(50)	28.8	42500	106 J	447	2000	3530	
	06/21/2011	ND(100)	ND(100)	ND(100)	ND(100)	BRL	50000	118 J	517	2270	5190	
	06/28/2011	50.6	32.8 J	ND(50)	12.9 J	96.3	40800	100 J	438	2110	ND(1300)	
	07/05/2011	102	40.5 J	ND(50)	ND(50)	143	40800	93.5 J	439	2330	1970	
	07/12/2011	195	61.7	14.9 J	41.7 J	313	27900	72.9 J	298	1230	2980	
	07/18/2011	42.0 J	24.5 J	ND(100)	ND(100)	66.5	36600	82.6 J	365 J	1670	ND(2500)	
IW-91C(92-102)39V	07/13/2010	58.5	55.5	ND(50)	ND(50)	114.0	30000	63.3 J	289	790	ND(1300)	
W-91C(115-125)44V	07/14/2010	34.4 J	ND(50)	ND(50)	ND(50)	34.4	20700	41.2 J	186 J	617	ND(1300)	
W-91C(143-153)50V	07/14/2010	77.1	ND(50)	ND(50)	ND(50)	77.1	22900	44.3 J	197 J	652	ND(1300)	
W-91C(143-153)60V	07/14/2010	110	ND(50)	ND(50)	20.3 J	130	24500	54.9 J	247 J	720	359 J	

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W-91C(143-153)85V	07/14/2010	220	19.7 J	ND(50)	43.7 J	283	29600	67.6 J	294	862	ND(1300)	
W-91C(155-165)54V	07/19/2010	43.6	8.2 J	ND(25)	ND(25)	51.8	15800	33.0 J	154	451	ND(630)	
W-91C(155-165)64V	07/26/2010	41.4	9.2 J	ND(25)	ND(25)	50.6	18700	44.8 J	189	560	300 J	
W-91C(208-218)63V	07/27/2010	52.1	ND(50)	ND(50)	ND(50)	52.1	17700	46.3 J	210 J	597	ND(1300)	
W-91C(225-235)73V	07/28/2010	62.8	ND(25)	ND(25)	ND(25)	62.8	17200	42.3 J	204	585	242 J	
V-91C(261-271)115V	07/29/2010	36.6	ND(25)	ND(25)	ND(25)	36.6	16100	37.8 J	180	523	ND(630)	
W-91C(261-271)90V	07/28/2010	35.6	ND(25)	ND(25)	ND(25)	35.6	15500	38.4 J	178	508	ND(630)	
MW-91C(82-92)0V1	07/08/2010	18.4	6.1	ND(5.0)	6.6	31.1	8070	18.4 J	89.0	229	75.3 J	
IW-91C(82-92)57V1	07/08/2010	17.0	10.6	ND(5.0)	7.0	34.6	5880	16.0 J	66.7	177	59.1 J	
MW-91C(HS-D)	05/27/2010	85.1	ND(50)	ND(50)	ND(50)	85.1	13900	30.9 J	130 J	364	ND(1300)	
	02/04/2011	277	ND(100)	ND(100)	ND(100)	277	34400	82.0 J	345 J	1400	ND(2500)	
	02/17/2011	235	ND(50)	16.3 J	22.8 J	274	35300	93.4 J	360	1300	ND(1300)	
	02/22/2011	218	ND(50)	14.3 J	17.7 J	250	22900	90.7 J	338	1360	ND(1300)	
MW-91C(HS-S)	05/27/2010	107	ND(50)	ND(50)	ND(50)	107	17500	39.6 J	168 J	496	ND(1300)	
	02/04/2011	238	ND(100)	ND(100)	31.1 J	269	29900	68.1 J	280 J	1120	ND(2500)	
	02/17/2011	299	18.5 J	23.1 J	40.1 J	381	32500	98.1 J	373	1340	ND(1300)	
	02/22/2011	254	ND(50)	19.0 J	26.3 J	299	22600	84.4 J	311	1240	ND(1300)	
MW-91D	12/01/2010	ND(1.0)	173	ND(1.0)	ND(1.0)	173	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/06/2011	ND(1.0)	29.5	ND(1.0)	ND(1.0)	29.5	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/08/2011	ND(1.0)	6.7	ND(1.0)	ND(1.0)	6.7	0.49 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/17/2011	ND(1.0)	8.6	ND(1.0)	ND(1.0)	8.6	0.52 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/12/2011	ND(1.0)	5.2	ND(1.0)	ND(1.0)	5.2	0.27 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/18/2011	ND(1.0)	3.3	ND(1.0)	ND(1.0)	3.3	0.23 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/13/2011	ND(1.0)	2.1	ND(1.0)	ND(1.0)	2.1	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-107	03/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/05/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/11/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/17/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	11/09/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	02/22/2007	0.49 J	21.4	1.7	33.2	56.8	0.56 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/14/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/07/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/11/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-108	03/29/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/05/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.75 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	08/21/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	11/14/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	02/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/21/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/06/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/20/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/27/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/19/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
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Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-108	02/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/10/2010	ND(1.0)	0.81 J	ND(1.0)	ND(1.0)	0.81	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 4
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Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-108	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

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Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-110 [R]	03/29/2006	40.0	105	13.0 J	27.6	186	6110	11.9 J	43.6 J	155	567	
	04/04/2006	298	1670	311	840	3119	61500	70.7 J	321 J	2200	ND(2500)	
	04/11/2006	398	1090	83.9 J	438	2010	29900	61.7 J	249 J	1220	ND(2500)	
	04/18/2006	245	599	ND(200)	ND(200)	844	20200	ND(1000)	90.3 J	453 J	ND(5000)	
	05/15/2006	588	890	65.8	992	2536	65400	119 J	443	1990	ND(1300)	
	07/11/2006	1480	3900	89.3 J	1620	7089	117000	NA	NA	NA	ND(2500)	
	08/23/2006	1340	3190	ND(500)	1930	6460	109000	NA	NA	NA	ND(13000)	
	09/20/2006	887	1910	ND(500)	1070	3867	67700	NA	NA	NA	ND(13000)	
	10/19/2006	1790	8570	1140	8910	20410	155000	NA	NA	NA	ND(2500)	
	11/10/2006	1300	3840	210	2150	7500	131000	NA	NA	NA	985	
	12/21/2006	1350	3330	81.4 J	2240	7001	75000	205 J	906	5020	5370	
	01/18/2007	1120	2220	ND(250)	1820	5160	63800	236 J	816 J	4260	ND(6300)	
	02/16/2007	1430	3640	89.9 J	2220	7380	59700	200 J	790 J	4650	ND(5000)	
	03/14/2007	1150	2540	47.6 J	1680	5418	53100	140 J	631	3970	ND(1300)	
	04/11/2007	1040	2400	67.9	1820	5328	46600	170	653	3950	314 J	
	05/09/2007	1030	2600	64.8 J	2020	5715	34000	137 J	529	2810	ND(2500)	
	06/05/2007	932	2920	109	2030	5991	27700	88.7 J	351	2180	ND(500)	
	07/19/2007	714	2750	152	2080	5696	20700	83.7 J	321 J	1930	ND(2500)	
	08/22/2007	515	1900	73.7 J	1340	3829	20500	ND(500)	233 J	1550	ND(2500)	
	09/13/2007	174	317	ND(50)	634	1125	12900	47.5 J	188 J	1120	ND(1300)	
	10/09/2007	212	489	ND(20)	318	1019	17300	64.8 J	223	1260	ND(500)	
	10/30/2007	249	847	30.5 J	809	1936	13500	46.8 J	182 J	1220	ND(1300)	
	12/11/2007	270	1230	54.2	1310	2864	12400	44.9 J	184	1090	ND(250)	
	01/09/2008	224	860	33.7	1140	2258	9790	28.2 J	129	905	ND(250)	
	02/18/2008	163	517	17.1 J	969	1666	7640	ND(130)	101 J	718	ND(630)	
	03/17/2008	156	556	22.8	1030	1765	6540	18.9 J	84.8	650	ND(100)	
	04/24/2008	86.5	427	14.3	381	909	7260	21.5 J	101	704	ND(250)	
	05/21/2008	70.8	372	18.3	633	1094	6340	21.3 J	91.3	600	76.6 J	

Table 4
Near Northeast Area Groundwater Analytical Results
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-110 [R]	08/28/2008	19.4 J	91.2	ND(20)	258	369	2660	5.8 J	31.1 J	240	ND(500)	
	12/19/2008	20.6	125	4.9 J	311	462	1840	8.3 J	34.5	192	ND(130)	
	01/29/2009	0.84 J	3.7	ND(1.0)	6.5	11.0	1360	6.2	27.8	147	ND(25)	
	02/26/2009	5.7	13.4	ND(1.0)	47.1	66.2	1560	5.4	23.7	149	11.6 J	
	03/11/2009	8.2	35.1	0.75 J	93.6	137.7	1390	6.1	26.2	154	12.0 J	
	04/21/2009	9.4	44.0	2.0	192	247	1400	4.8 J	22.9	156	ND(50)	
	05/20/2009	8.0	25.7	2.0	113	149	1120	5.1	23.0	156	ND(25)	
	06/11/2009	4.6	16.4	ND(2.0)	46.1	67.1	987	3.4 J	16.5	112	ND(50)	
	07/28/2009	2.0	4.6	0.32 J	9.9	16.8	601	3.6 J	15.7	77.0	ND(25)	
	08/24/2009	ND(1.0)	2.0	ND(1.0)	7.3	9.3	43.9	ND(5.0)	0.73 J	6.1	ND(25)	
	09/23/2009	1.1	4.8	0.54 J	10.8	17.2	689	2.2 J	12.4	84.1	ND(25)	
	10/15/2009	ND(1.0)	0.80 J	ND(1.0)	1.3	2.1	399	2.1 J	10.1	52.4	ND(25)	
	11/23/2009	1.9	13.7	1.3	51.6	68.5	488	1.7 J	8.8	48.7	ND(25)	
	12/28/2009	1.8	13.7	1.8	42.5	59.8	483	1.7 J	8.1	52.7	ND(25)	
	01/28/2010	0.81 J	4.4	0.60 J	20.8	26.6	397	1.4 J	6.6	37.8	ND(25)	
	02/23/2010	0.93 J	5.8	0.82 J	25.4	33.0	263	1.1 J	5.1	29.2	ND(25)	
	03/18/2010	1.7	10.5	1.6	36.1	49.9	291	1.7 J	7.1	33.6	ND(25)	
	04/20/2010	1.3	6.4	1.2	37.2	46.1	262	1.1 J	4.7 J	30.1	ND(25)	
	05/26/2010	1.0	6.3	0.80 J	31.6	39.7	187	0.66 J	3.4 J	24.6	38.3	
	06/10/2010	0.47 J	1.8	ND(1.0)	12.5	14.8	155	0.65 J	3.4 J	18.5	ND(25)	
	06/23/2010	0.54 J	2.2	ND(1.0)	12.3	15.0	169	0.89 J	4.2 J	18.2	ND(25)	
	07/15/2010	4.6	36.9	12.9	141	195	56.2	ND(5.0)	0.98 J	8.3	ND(25)	
	07/26/2010	ND(1.0)	0.74 J	ND(1.0)	3.4	4.1	133	ND(5.0)	2.7 J	10.5	ND(25)	
	08/09/2010	0.28 J	1.2	ND(1.0)	4.1	5.6	138	0.47 J	3.6 J	10.6	ND(25)	
	08/24/2010	ND(1.0)	0.51 J	ND(1.0)	3.3	3.8	89.2	0.36 J	2.9 J	7.2	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.98 J	0.98	105	0.64 J	4.1 J	4.9 J	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	37.5	ND(5.0)	1.6 J	1.2 J	ND(25)	
	10/12/2010	ND(1.0)	0.40 J	ND(1.0)	1.8	2.2	68.0	0.35 J	3.0 J	3.8 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-110 [R]	10/27/2010	14.4	26.3	3.6	225	269	371	1.8 J	4.7 J	49.5	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	61.3	ND(5.0)	3.1 J	3.1 J	35.5	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.3	ND(5.0)	2.2 J	1.5 J	ND(25)	
	12/10/2010	ND(1.0)	1.7	0.27 J	8.6	10.6	100	0.47 J	3.1 J	7.3	ND(25)	
	12/28/2010	ND(1.0)	1.2	ND(1.0)	7.8	9.0	105	0.48 J	2.9 J	8.0	ND(25)	
	01/11/2011	ND(1.0)	0.47 J	ND(1.0)	4.5	5.0	73.0	ND(5.0)	2.3 J	5.7	ND(25)	
	01/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.4	1.4	65.0	ND(5.0)	2.1 J	3.5 J	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	18.4	18.3	36.7	18.3	ND(5.0)	1.2 J	ND(5.0)	30.2	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	10	ND(5.0)	1.5 J	ND(5.0)	ND(25)	
	03/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	12.6	ND(5.0)	1.3 J	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	53.7	0.50 J	2.5 J	3.9 J	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.9	ND(5.0)	1.5 J	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.3	1.3	59.0	ND(5.0)	1.7 J	4.8 J	ND(25)	
	05/11/2011	0.55 J	1.1	ND(1.0)	22.3	24.0	208	0.88 J	4.0 J	21.1	ND(25)	
	05/24/2011	ND(1.0)	0.51 J	ND(1.0)	9.7	10.2	115	0.40 J	1.9 J	10.5	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	55.1	ND(5.0)	1.6 J	5.0	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	33.8	ND(5.0)	1.2 J	2.7 J	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	3.3	3.3	2.5	ND(5.0)	0.54 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-121[R]	04/03/2006	671	1740	169	309	2889	36500	83.7 J	306 J	1300	ND(2500)	
	04/12/2006	2770	6770	482 J	2110	12132	448000	516 J	2240 J	13800	ND(13000)	
	04/18/2006	1550	2400	ND(1000)	1000	4950	259000	ND(5000)	1260 J	9190	ND(25000)	
	05/16/2006	1170	1060	ND(1000)	ND(1000)	2230	223000	ND(5000)	1170 J	7140	ND(25000)	
	08/23/2006	2330	4470	ND(500)	2430	9230	216000	NA	NA	NA	ND(13000)	
	11/14/2006	2130	9090	59.8	8320	19600	261000	NA	NA	NA	2770	
	02/21/2007	2180	24500	847	16200	43727	150000	373 J	1160	14600	2910	
	05/11/2007	991	8890	625	8030	18536	121000	255	947	10300	1930	
	08/21/2007	931	9960	592	18100	29583	48700	140 J	408	5520	1120 J	
	11/06/2007	610	8120	458	13300	22488	41000	ND(1300)	195 J	3590	ND(6300)	
	02/20/2008	54.2	390	34.9 J	2540	3019	23400	55.6 J	183 J	2400	1240 J	
	05/19/2008	204	2750	490	4060	7504	21800	56.3 J	183	2350	954	
	08/22/2008	175	1980	103	7610	9868	9270	28.6 J	90.8	1210	390	
	12/19/2008	141	778	80.5	2320	3320	13300	33.6 J	108	926	398	
	01/30/2009	169	446	43.7	1740	2399	18700	39.1 J	129	1030	615	
	02/23/2009	137	1350	117	3290	4894	14600	35.9 J	106	1050	310 J	
	03/12/2009	110	1240	117	3630	5097	14200	ND(500)	184 J	1040	ND(2500)	
	04/20/2009	63.4	684	49.6	2230	3027	9870	24.3 J	78.8	773	231 J	
	05/20/2009	59.3	163	12.7	1340	1575	10400	34.7 J	80.5	715	ND(250)	
	06/11/2009	71.7	474	25.8	1240	1812	8810	23.7 J	73.0 J	768	ND(630)	
	07/28/2009	25.7	141	3.7 J	360	530	4700	10.8 J	32.7 J	430	162 J	
	08/25/2009	16.0	26.4	2.1 J	125	170	3580	9.1 J	27.6	378	ND(130)	
	09/16/2009	9.9	54.7	3.4 J	174	242	2780	9.0 J	27.0	290	90.4 J	
	10/15/2009	15.3	65.1	ND(10)	233	313	2210	11.5 J	28.3 J	255	ND(250)	
	11/24/2009	9.6	88.5	3.3	193	294	861	5.6	17.3	83.4	27.9	
	12/22/2009	16.4	158	9.0	400	583	1110	7.9 J	23.4 J	159	ND(130)	
	01/28/2010	23.4	362	31.4	1250	1667	1580	6.4	17.3	159	33.6	
	02/24/2010	2.1 J	73.2	2.3 J	305	383	619	3.3 J	7.5 J	61.7	ND(100)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-121[R]	03/18/2010	0.76 J	0.74 J	ND(1.0)	3.5	5.0	44.9	0.55 J	1.4 J	5.0	14.3 J	
	04/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	28.2	0.52 J	0.67 J	2.7 J	ND(25)	
	05/25/2010	ND(1.0)	0.54 J	ND(1.0)	3.0	3.5	7.9	ND(5.0)	ND(5.0)	1.1 J	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	4.4	4.4	5.6	ND(5.0)	ND(5.0)	0.96 J	ND(25)	
	06/23/2010	ND(1.0)	0.76 J	ND(1.0)	3.8	4.6	4.6	ND(5.0)	ND(5.0)	0.58 J	ND(25)	
	07/15/2010	ND(1.0)	0.67 J	ND(1.0)	3.0	3.7	3.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/27/2010	0.99 J	0.90 J	ND(1.0)	4.9	6.8	221	0.67 J	1.5 J	12.9	7.1 J	
	08/10/2010	ND(1.0)	0.37 J	ND(1.0)	1.7	2.1	4.5	ND(5.0)	ND(5.0)	0.59 J	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.4	1.4	3.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.41 J	0.41	4.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.35 J	0.35	21.0	ND(5.0)	ND(5.0)	1.6 J	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.35 J	0.35	2.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	2.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.1	1.1	64.8	0.45 J	0.43 J	5.4	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/08/2011	ND(1.0)	0.41 J	1.9	6.5	8.8	7.5	ND(5.0)	ND(5.0)	0.76 J	10.6 J	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	2.2	2.2	3.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	2.3	2.3	3.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	0.37 J	ND(1.0)	4.7	5.1	5.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	3.5	3.5	3.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2011	0.60 J	ND(1.0)	ND(1.0)	ND(1.0)	0.60	30.3	ND(5.0)	0.25 J	2.6 J	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-121[R]	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-137 [R]	04/20/2006	1720	5810	482	1540	9552	23400	143 J	493 J	4510	ND(2500)	
	04/27/2006	2080	9540	1330	4620	17570	12200	146 J	450	3460	ND(1300)	
	05/02/2006	1250	6350	184	3560	11344	10100	81.9 J	279	2160	ND(630)	
	05/15/2006	684	4400	113	2840	8037	9450	56.2 J	200	1790	ND(630)	
	08/22/2006	10.6	36.5	3.3	411	461	2720	NA	NA	NA	47.9	
	11/07/2006	7.0	78.6	19.0	206	311	919	NA	NA	NA	ND(130)	
	02/19/2007	3.2	9.4	4.9	50.9	68.4	568	2.4 J	8.7	51.1	ND(25)	
	05/08/2007	ND(1.0)	1.1	ND(1.0)	8.2	9.3	154	0.99 J	3.9 J	13.1	ND(25)	
	08/17/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	72.6	0.93 J	3.5 J	6.6	ND(25)	
	10/29/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	48.4	0.61 J	2.8 J	4.4 J	ND(25)	
	12/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.5	ND(5.0)	2.4 J	1.9 J	ND(25)	
	02/18/2008	ND(1.0)	0.47 J	ND(1.0)	7.3	7.8	40.9	ND(5.0)	0.79 J	3.6 J	ND(25)	
	05/14/2008	ND(1.0)	ND(1.0)	ND(1.0)	0.71 J	0.71	4.3	ND(5.0)	0.74 J	ND(5.0)	ND(25)	
	08/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.1	ND(5.0)	0.60 J	ND(5.0)	ND(25)	
	12/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.3	ND(5.0)	0.64 J	ND(5.0)	ND(25)	
	01/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(5.0)	0.69 J	ND(5.0)	ND(25)	
	02/19/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.91 J	ND(5.0)	0.55 J	ND(5.0)	ND(25)	
	03/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.82 J	ND(5.0)	0.47 J	ND(5.0)	ND(25)	
	04/21/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	ND(5.0)	0.46 J	ND(5.0)	ND(25)	
	05/21/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	0.27 J	ND(5.0)	ND(25)	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.64 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.66 J	ND(5.0)	0.21 J	ND(5.0)	ND(25)	
	09/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(5.0)	0.26 J	ND(5.0)	ND(25)	
	10/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.87 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.88 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-137 [R]	02/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.96 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.8	ND(5.0)	0.31 J	ND(5.0)	ND(25)	
	08/10/2010	ND(1.0)	1.2	ND(1.0)	ND(1.0)	1.2	1.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.26 J	0.26	7.9	ND(5.0)	0.36 J	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.78 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.86 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.80 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.58 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.69 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.44 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.52 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	25.2	19.9	45.1	0.52 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.95 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.85 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.76 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
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14258 Jarrettsville Pike
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-137 [R]	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.66 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.30 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.85 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138	04/20/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.39 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/27/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/03/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.48 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/18/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	NA	NA	NA	ND(25)	
	11/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.7	NA	NA	NA	ND(25)	
	02/21/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.92 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/10/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/20/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/06/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.92 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/26/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.40 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/11/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/21/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.53 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/28/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/30/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/22/2009	0.54 J	ND(1.0)	ND(1.0)	0.86 J	1.40	26.0	10.6	34.3	0.81 J	ND(25)	
	01/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
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Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138	02/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/10/2010	ND(1.0)	1.3	ND(1.0)	ND(1.0)	1.3	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
MW-142	05/02/2006	ND(10)	ND(10)	ND(10)	ND(10)	BRL	1730	ND(50)	24.1 J	23.4 J	ND(250)	
	05/09/2006	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	1310	ND(25)	29.4	18.5 J	ND(130)	
	05/15/2006	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	BRL	908	ND(13)	15.5	12.9 J	ND(63)	
	08/23/2006	ND(1.0)	0.45 J	ND(1.0)	ND(1.0)	0.45	284	NA	NA	NA	ND(25)	
	11/16/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	NA	ND(25)	
	02/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	97.5	ND(5.0)	7.4	2.8 J	ND(25)	
	05/11/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	88.3	ND(5.0)	7.5	2.9 J	ND(25)	
	08/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	95.2	ND(5.0)	7.3	2.9 J	ND(25)	
	11/07/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	86.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/26/2008	ND(1.0)	2.6	ND(1.0)	ND(1.0)	2.6	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	51.9	ND(5.0)	1.9 J	1.3 J	ND(25)	
	08/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	58.7	ND(5.0)	2.4 J	1.4 J	ND(25)	
	12/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	39.0	ND(5.0)	2.5 J	1.5 J	ND(25)	
	03/12/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	39.8	ND(5.0)	2.6 J	1.1 J	ND(25)	
	06/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	29.9	ND(5.0)	1.6 J	ND(5.0)	ND(25)	
	09/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	35.6	ND(5.0)	1.7 J	1.2 J	ND(25)	
	12/07/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	21.3	ND(5.0)	1.3 J	0.73 J	ND(25)	
	03/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.8	ND(5.0)	1.3 J	0.82 J	ND(25)	
	06/03/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.8	ND(5.0)	0.93 J	0.56 J	ND(25)	
	09/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	16.4	ND(5.0)	0.92 J	ND(5.0)	ND(25)	
	12/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	16.7	ND(5.0)	0.82 J	ND(5.0)	ND(25)	
	03/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.0	ND(5.0)	0.55 J	ND(5.0)	ND(25)	
	06/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10	ND(5.0)	0.40 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-143	05/02/2006	ND(100)	ND(100)	ND(100)	ND(100)	BRL	11400	ND(500)	64.8 J	165 J	ND(2500)	
	05/09/2006	ND(10)	ND(10)	ND(10)	ND(10)	BRL	11400	16.7 J	79.1	200	ND(250)	
	05/16/2006	ND(10)	ND(10)	ND(10)	ND(10)	BRL	9910	14.0 J	78.8	166	ND(250)	
	08/24/2006	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	2440	NA	NA	NA	ND(130)	
	11/16/2006	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	1360	NA	NA	NA	ND(130)	
	02/22/2007	ND(5.0)	5.1	ND(5.0)	4.5 J	9.6	947	ND(25)	9.5 J	12.7 J	ND(130)	
	05/11/2007	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	525	0.70 J	4.1 J	7.9 J	ND(50)	
	11/07/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	214	0.74 J	8.7	1.5 J	ND(25)	
	02/26/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	44.0	ND(5.0)	2.0 J	ND(5.0)	ND(25)	
	05/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	36.8	ND(5.0)	1.2 J	ND(5.0)	ND(25)	
	08/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.9	ND(5.0)	0.87 J	ND(5.0)	ND(25)	
	12/19/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.4	ND(5.0)	0.94 J	ND(5.0)	ND(25)	
	03/12/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.6	ND(5.0)	1.8 J	ND(5.0)	ND(25)	
	06/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.2	ND(5.0)	0.45 J	ND(5.0)	ND(25)	
	09/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.82 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/07/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/03/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.4	ND(5.0)	0.52 J	ND(5.0)	ND(25)	
	12/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.2	ND(5.0)	0.60 J	ND(5.0)	ND(25)	
	06/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-166A	12/07/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/26/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/12/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/07/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/03/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-166B	12/07/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/26/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/22/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/12/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/15/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/07/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/03/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-167	03/16/2009	14.9	42.0	11.1	1490	1558	451	1.9 J	9.9 J	28.4	ND(130)	
	04/17/2009	5.7	2.1	40.7	68.7	117.2	725	2.3 J	8.0	47.8	ND(25)	
	05/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	324	1.6 J	5.0	13.9	5.1 J	
	06/12/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.9	0.68 J	2.3 J	ND(5.0)	ND(25)	
	07/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.3	ND(5.0)	0.64 J	ND(5.0)	ND(25)	
	08/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.6	0.37 J	1.4 J	ND(5.0)	ND(25)	
	09/15/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	10/14/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/30/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/22/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	01/26/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	04/21/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	05/27/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	06/07/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	06/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	07/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	07/27/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	08/10/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	08/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	09/07/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	09/20/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	10/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	10/29/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/10/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/29/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/13/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-167	12/30/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	01/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry since 9/15/2009
MW-168	03/17/2009	7.3 J	5.1 J	ND(10)	18.9	31.3	1060	3.1 J	20.9 J	66.2	ND(250)	
MW-168(0-100)	04/06/2009	11.8	5.4	ND(1.0)	54.2	71.4	1700	6.3	23.0	108	ND(25)	
	05/13/2009	20.9	ND(10)	ND(10)	60.1	81.0	1020	4.6 J	17.4 J	77.2	ND(250)	
MW-168(100-250)	04/03/2009	4.1	14.7	ND(1.0)	17.4	36.2	1170	4.9 J	17.5	81.0	ND(25)	
	05/13/2009	11.7	2.2	ND(1.0)	41.6	55.5	799	6.1	19.5	75.5	ND(25)	
MW-168(65-69)	03/12/2009	17.2	23.8	0.40 J	39.5	80.9	1210	4.9 J	17.1	82.1	ND(25)	
MW-168(69-79)	03/12/2009	17.1	24.6	0.58 J	36.1	78.4	1100	5.2	18.4	85.3	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(115)	03/12/2009	14.4	3.5	ND(1.0)	35.8	53.7	1030	4.8 J	16.5	76.1	ND(25)	
	04/08/2009	3.6	2.9	ND(2.0)	30.4	36.9	1350	5.4 J	16.8	72.9	ND(50)	
	04/15/2009	4.7	2.9	ND(1.0)	36.2	43.8	1620	6.8	24.3	110	ND(25)	
	04/22/2009	4.8	2.3	ND(1.0)	36.8	43.9	989	6.7	22.0	88.5	ND(25)	
	04/29/2009	4.9	1.6	ND(1.0)	37.8	44.3	1090	5.2	18.8	86.6	ND(25)	
	05/06/2009	7.8	ND(5.0)	ND(5.0)	42.5	50.3	983	7.2 J	22.8 J	87.2	ND(130)	
	05/14/2009	13.7	2.0	ND(1.0)	52.6	68.3	1010	5.1	18.9	78.9	ND(25)	
	05/20/2009	12.6	1.8	ND(1.0)	32.7	47.1	1160	6.5	20.9	80.7	ND(25)	
	05/27/2009	5.7	0.99 J	ND(2.5)	27.1	33.8	828	3.8 J	13.3	64.4	ND(63)	
	06/03/2009	0.33 J	ND(1.0)	ND(1.0)	ND(1.0)	0.33	1150	5.7	18.5	75.4	ND(25)	
	06/10/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	985	4.1 J	14.7 J	67.7	ND(130)	
	06/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	836	4.7 J	15.9	59.4	ND(25)	
	06/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	713	4.0 J	13.4	58.1	ND(25)	
	07/01/2009	ND(1.0)	0.35 J	ND(1.0)	ND(1.0)	0.35	705	3.0 J	11.4	51.0	ND(25)	
	07/16/2009	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	BRL	498	2.1 J	8.3 J	30.9	ND(63)	
	07/29/2009	0.41 J	ND(1.0)	ND(1.0)	2.0	2.4	468	2.6 J	9.1	28.9	ND(25)	
	08/11/2009	ND(1.0)	0.39 J	ND(1.0)	1.3	1.7	630	3.7 J	12.1	42.7	ND(25)	
	08/25/2009	0.36 J	0.56 J	0.35 J	1.7	3.0	668	3.2 J	11.3	40.5	ND(25)	
	09/08/2009	0.42 J	0.59 J	ND(1.0)	2.0	3.0	455	2.7 J	8.9	33.5	ND(25)	
	09/22/2009	0.51 J	ND(1.0)	ND(1.0)	2.1	2.6	452	2.1 J	7.5	27.0	ND(25)	
	10/06/2009	0.44 J	ND(1.0)	ND(1.0)	2.0	2.4	474	1.9 J	6.5	25.3	ND(25)	
	10/20/2009	0.64 J	ND(1.0)	ND(1.0)	3.8	4.4	298	1.8 J	6.0	25.0	ND(25)	
	11/03/2009	0.52 J	0.48 J	ND(1.0)	1.9	2.9	349	1.9 J	6.1	23.3	ND(25)	
	12/03/2009	0.58 J	ND(1.0)	ND(1.0)	1.3	1.9	334	2.0 J	6.6	15.4	ND(25)	
	01/05/2010	0.56 J	ND(1.0)	ND(1.0)	1.5	2.1	220	1.2 J	4.3 J	12.6	ND(25)	
	02/02/2010	0.37 J	ND(1.0)	ND(1.0)	1.4	1.8	138	0.67 J	2.4 J	7.5	ND(25)	
	03/02/2010	1.6	0.35 J	0.28 J	2.2	4.4	224	0.94 J	3.3 J	9.5	ND(25)	
	03/16/2010	1.7	ND(1.0)	ND(1.0)	0.92 J	2.6	1170	5.8	20.7	52.1	9.7 J	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(115)	03/22/2010	0.50 J	ND(1.0)	ND(1.0)	ND(1.0)	0.50	72.5	ND(5.0)	1.2 J	ND(5.0)	ND(25)	
	03/31/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/04/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	ND(5.0)	0.39 J	ND(5.0)	ND(25)	
	05/18/2010	7.3	ND(5.0)	ND(5.0)	ND(5.0)	7.3	934	2.5 J	9.9 J	25.6	ND(130)	
	05/25/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.77 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/01/2010	1.6	ND(1.0)	ND(1.0)	1.2	2.8	40.2	ND(5.0)	0.65 J	1.0 J	ND(25)	
	06/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.3	ND(5.0)	0.32 J	ND(5.0)	ND(25)	
	06/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.9	ND(5.0)	0.87 J	ND(5.0)	ND(25)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.9	ND(5.0)	0.55 J	ND(5.0)	ND(25)	
	08/31/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	0.23 J	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.82 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.80 J	ND(5.0)	0.44 J	ND(5.0)	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/02/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.69 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(115)	11/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.65 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.75 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.92 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.90 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.69 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.58 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.72 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.59 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.9	ND(5.0)	0.63 J	ND(5.0)	ND(25)	
	02/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.4	ND(5.0)	0.27 J	ND(5.0)	ND(25)	
	03/01/2011	ND(1.0)	0.39 J	ND(1.0)	0.36 J	0.75	16.1	ND(5.0)	0.40 J	0.83 J	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.3	ND(5.0)	0.29 J	ND(5.0)	ND(25)	
	03/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.4	ND(5.0)	0.27 J	0.61 J	ND(25)	
	03/28/2011	0.29 J	ND(1.0)	ND(1.0)	0.72 J	1.01	16.0	ND(5.0)	0.40 J	1.1 J	ND(25)	
	04/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.5	0.43 J	1.3 J	0.63 J	ND(25)	
	04/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.0	0.39 J	1.2 J	ND(5.0)	ND(25)	
	05/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.9	ND(5.0)	0.23 J	ND(5.0)	ND(25)	
	05/17/2011	0.58 J	ND(1.0)	ND(1.0)	1.3	1.9	25.5	ND(5.0)	0.48 J	2.0 J	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.1	ND(5.0)	0.70 J	ND(5.0)	ND(25)	
	05/31/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/11/2011	0.60 J	ND(1.0)	0.22 J	1.3	2.1	21.5	ND(5.0)	0.43 J	1.6 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(115)	06/21/2011	0.48 J	ND(1.0)	ND(1.0)	0.41 J	0.89	28.7	ND(5.0)	0.50 J	1.8 J	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.18 J	0.18	6.6	ND(5.0)	ND(5.0)	0.51 J	ND(25)	
	07/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	ND(5.0)	0.36 J	ND(5.0)	ND(25)	
	07/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.0	ND(5.0)	0.54 J	ND(5.0)	ND(25)	
W-168(110-120)16V	07/22/2010	1.6	13.6	0.55 J	2.8	18.6	455	1.4 J	6.2	15.1	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(148)	03/12/2009	10.7	2.7	ND(1.0)	24.3	37.7	962	4.2 J	14.3	66.3	ND(25)	
	04/08/2009	1.9	2.1	ND(1.0)	20.8	24.8	922	6.2	18.3	80.0	ND(25)	
	04/15/2009	4.1	3.4	ND(1.0)	38.4	45.9	1610	7.0	24.9	116	ND(25)	
	04/22/2009	4.8	2.3	ND(1.0)	36.1	43.2	980	6.4	21.9	90.7	ND(25)	
	04/29/2009	5.6	2.0	ND(1.0)	38.2	45.8	1060	6.9	21.7	85.4	ND(25)	
	05/06/2009	6.1	ND(5.0)	ND(5.0)	33.9	40.0	968	5.9 J	19.6 J	75.2	ND(130)	
	05/14/2009	13.1	2.0	ND(1.0)	48.2	63.3	1040	6.4	21.8	85.4	ND(25)	
	05/20/2009	12.9	1.7	ND(1.0)	34.8	49.4	1070	6.7	21.8	83.9	ND(25)	
	05/27/2009	5.7	0.98 J	ND(2.0)	25.3	32.0	842	3.8 J	13.6	64.6	ND(50)	
	06/03/2009	0.34 J	ND(1.0)	ND(1.0)	ND(1.0)	0.34	1150	6.1	19.4	77.0	ND(25)	
	06/10/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	936	4.0 J	14.2 J	64.8	ND(130)	
	06/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	814	4.4 J	15.4	65.2	ND(25)	
	06/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	733	4.0 J	13.4	57.6	ND(25)	
	07/01/2009	ND(1.0)	0.37 J	ND(1.0)	ND(1.0)	0.37	708	3.0 J	11.2	50.6	ND(25)	
	07/16/2009	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	BRL	510	2.0 J	7.8 J	30.4	ND(63)	
	07/29/2009	0.38 J	ND(1.0)	ND(1.0)	1.9	2.3	548	2.8 J	9.8	33.2	ND(25)	
	08/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	642	3.8 J	12.5	41.5	ND(25)	
	08/25/2009	0.33 J	0.65 J	0.34 J	1.6	2.9	673	3.2 J	11.1	40.0	ND(25)	
	09/08/2009	0.33 J	0.64 J	ND(1.0)	1.3	2.3	485	2.9 J	9.3	32.7	ND(25)	
	09/22/2009	0.44 J	ND(1.0)	ND(1.0)	2.3	2.7	474	2.3 J	8.1	26.7	ND(25)	
	10/06/2009	0.51 J	ND(1.0)	ND(1.0)	1.2	1.7	530	3.5 J	11.9	29.9	ND(25)	
	10/20/2009	ND(1.0)	ND(1.0)	0.34 J	ND(1.0)	0.34	418	2.6 J	10.4	23.4	ND(25)	
	11/03/2009	0.84 J	0.42 J	ND(1.0)	1.7	3.0	388	1.8 J	6.9	19.9	ND(25)	
	12/03/2009	3.2	ND(1.0)	ND(1.0)	0.96 J	4.2	664	4.2 J	13.4	24.9	ND(25)	
	01/05/2010	2.1	ND(1.0)	ND(1.0)	1.5	3.6	361	2.0 J	6.7	17.8	ND(25)	
	02/02/2010	14.1	ND(1.0)	ND(1.0)	1.3	15.4	1210	5.6	19.7	47.5	ND(25)	
	03/02/2010	18.2	0.57 J	0.37 J	2.8	21.9	1490	5.3	19.3	53.1	ND(25)	
	03/16/2010	22.3	ND(5.0)	ND(5.0)	2.6 J	24.9	2440	6.5 J	22.3 J	61.6	ND(130)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(148)	03/22/2010	15.1	ND(5.0)	ND(5.0)	ND(5.0)	15.1	1310	4.5 J	17.4 J	50.4	ND(130)	
	03/31/2010	41.0	ND(1.0)	ND(1.0)	4.0	45.0	2750	12.5	43.2	111	44.0	
	04/06/2010	49.6	ND(1.0)	ND(1.0)	3.1	52.7	4610	13.3	53.8	140	45.8	
	04/13/2010	44.6	ND(5.0)	ND(5.0)	2.3 J	46.9	3300	9.3 J	38.5	119	ND(130)	
	04/20/2010	69.5	ND(5.0)	ND(5.0)	6.4	75.9	5970	18.0 J	62.8	174	225	
	04/27/2010	67.2	ND(5.0)	ND(5.0)	5.9	73.1	5750	14.8 J	56.6	163	103 J	
	05/04/2010	63.8	ND(10)	ND(10)	5.8 J	69.6	4740	9.4 J	43.4 J	170	ND(250)	
	05/11/2010	108	4.0 J	ND(5.0)	18.2	130	8040	28.3	98.7	263	491	
	05/18/2010	88.0	ND(10)	ND(10)	9.2 J	80.0	5590	20.9 J	89.2	230	222 J	
	05/25/2010	70.1	ND(20)	ND(20)	5.4 J	75.5	7450	16.7 J	69.9 J	216	1280	
	06/01/2010	21.1	ND(10)	ND(10)	ND(10)	21.1	5460	13.1 J	61.1	192	1340	
	06/08/2010	77.9	ND(10)	ND(10)	11.0	88.9	5850	15.3 J	63.4	175	73.9 J	
	06/15/2010	78.5	ND(10)	ND(10)	9.3 J	87.8	5850	18.4 J	69.7	190	ND(250)	
	06/22/2010	69.3	ND(10)	ND(10)	10	79	5760	15.7 J	62.0	169	111 J	
	06/29/2010	50.7	ND(10)	ND(10)	5.7 J	62.2	3880	9.3 J	52.2	130	ND(250)	
	07/06/2010	12.4	ND(1.0)	ND(1.0)	3.9	16.3	1600	5.3	20.5	51.7	25.6	
	08/31/2010	0.81 J	1.3	ND(1.0)	ND(1.0)	2.1	163	0.54 J	2.3 J	5.6	ND(25)	
	09/07/2010	3.8	2.7	ND(2.5)	0.88 J	7.4	754	2.3 J	8.6 J	25.1	ND(63)	
	09/14/2010	2.3	1.3	ND(1.0)	1.4	5.0	320	1.0 J	3.9 J	10.7	ND(25)	
	09/21/2010	2.9	1.4	ND(1.0)	1.0	5.3	365	1.2 J	4.7 J	13.3	ND(25)	
	09/28/2010	2.5	1.3	ND(1.0)	0.95 J	4.8	379	1.8 J	5.5	13.7	ND(25)	
	10/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	701	2.1 J	8.5	5.2	ND(25)	
	10/12/2010	3.5	1.7	ND(1.0)	1.3	6.4	627	3.0 J	8.7	22.5	ND(25)	
	10/18/2010	3.0	1.4	ND(1.0)	0.85 J	5.3	883	1.7 J	6.3	7.2	ND(25)	
	10/26/2010	6.4	2.4	ND(5.0)	2.1	9.7	1500	4.4 J	17.1	52.1	ND(25)	
	11/02/2010	3.4 J	ND(5.0)	ND(5.0)	ND(5.0)	3.4	1120	3.1 J	12.5 J	37.2	ND(130)	
	11/09/2010	2.9 J	ND(5.0)	ND(5.0)	ND(5.0)	2.9	1210	3.7 J	14.4 J	37.3	ND(130)	
	11/16/2010	2.9	0.91 J	ND(2.0)	0.85 J	4.7	800	2.9 J	11.6	31.2	ND(50)	

Table 4
Near Northeast Area Groundwater Analytical Results
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(148)	11/23/2010	1.7	0.53 J	ND(1.0)	0.55 J	2.8	610	1.9 J	7.5	17.3	ND(25)	
	11/30/2010	2.7	0.77 J	ND(1.0)	0.91 J	4.4	781	2.7 J	11.5	32.3	ND(25)	
	12/07/2010	2.9	0.84 J	ND(1.0)	0.98 J	4.7	660	2.3 J	9.2	25.9	ND(25)	
	12/14/2010	1.4	0.65 J	ND(1.0)	0.32 J	2.4	563	2.8 J	10.3	15.7	ND(25)	
	12/21/2010	1.1	0.33 J	ND(1.0)	0.41 J	1.8	580	2.3 J	8.8	16.8	ND(25)	
	12/28/2010	1.3	ND(1.0)	ND(1.0)	0.35 J	1.7	483	1.8 J	6.8	16.7	ND(25)	
	01/04/2011	0.62 J	ND(1.0)	ND(1.0)	ND(1.0)	0.62	383	2.0 J	6.9	12.0	115	
	01/12/2011	1.3	ND(1.0)	ND(1.0)	0.32 J	1.6	358	1.2 J	4.8 J	13.0	ND(25)	
	01/17/2011	0.66 J	ND(1.0)	ND(1.0)	ND(1.0)	0.66	353	1.2 J	4.3 J	10.8	ND(25)	
	01/24/2011	0.85 J	ND(1.0)	ND(1.0)	ND(1.0)	0.85	343	1.0 J	4.2 J	10.3	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	277	0.98 J	3.8 J	8.4	ND(25)	
	02/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	185	0.75 J	3.3 J	5.4	ND(25)	
	02/22/2011	27.1	1.6	2.8	3.9	35.4	2710	6.8	29.7	95.7	21.0 J	
	03/01/2011	5.2	ND(1.0)	ND(1.0)	0.37 J	5.6	549	2.0 J	7.5	20.8	ND(25)	
	03/08/2011	4.7	0.39 J	ND(1.0)	0.52 J	5.6	286	0.78 J	3.1 J	10.3	ND(25)	
	03/22/2011	8.4	ND(1.0)	ND(1.0)	0.31 J	8.7	659	2.0 J	8.1	27.1	9.9 J	
	03/28/2011	4.4	ND(2.5)	ND(2.5)	ND(2.5)	4.4	1330	3.4 J	13.3	49.7	ND(63)	
	04/05/2011	5.8	ND(1.0)	ND(1.0)	ND(1.0)	5.8	268	1.2 J	4.9 J	17.1	89.0	
	04/12/2011	4.1	ND(1.0)	ND(1.0)	ND(1.0)	4.1	252	0.84 J	3.3 J	10.6	ND(25)	
	04/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	45.4	0.44 J	1.4 J	1.8 J	ND(25)	
	04/25/2011	6.9	ND(1.0)	ND(1.0)	ND(1.0)	6.9	934	2.6 J	12.2	40.3	46.3	
	05/02/2011	2.8	ND(1.0)	ND(1.0)	0.59 J	3.4	402	1.1 J	4.9 J	19.1	49.7	
	05/10/2011	3.3	ND(1.0)	ND(1.0)	ND(1.0)	3.3	590	1.7 J	6.7	22.8	ND(25)	
	05/17/2011	0.27 J	ND(1.0)	ND(1.0)	0.27 J	0.54	249	0.98 J	3.5 J	10.1	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	835	2.6 J	9.9	32.5	ND(25)	
	05/31/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.6	ND(5.0)	0.63 J	1.0 J	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	497	1.4 J	6.2	19.8	33.8	
	06/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	761	2.2 J	9.7	30.6	66.6	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(148)	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	537	1.7 J	6.9	21.0	190	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	160	0.43 J	1.8 J	6.3	ND(25)	
	07/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	517	1.2 J	6.1	20.6	23.7 J	
	07/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	11.6	ND(5.0)	0.44 J	0.41 J	ND(25)	
	07/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.8	ND(5.0)	0.46 J	ND(5.0)	ND(25)	
MW-168(229-239)	03/27/2009	1.2	21.7	ND(1.0)	2.9	25.8	1110	NA	NA	NA	NA	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(67)	03/12/2009	18.0	4.0	ND(2.5)	43.4	65.4	1360	4.9 J	17.0	82.2	ND(63)	
	04/08/2009	11.0	4.8	ND(1.0)	46.6	62.4	1090	7.7	23.5	97.8	ND(25)	
	04/15/2009	7.4	1.4	ND(1.0)	33.8	42.6	1350	7.3	25.4	108	ND(25)	
	04/22/2009	7.1	0.91 J	ND(1.0)	37.1	45.1	792	6.0	18.8	72.2	ND(25)	
	04/29/2009	9.1	1.1	ND(1.0)	50.6	60.8	858	4.1 J	14.0	56.5	ND(25)	
	05/06/2009	13.5	ND(5.0)	ND(5.0)	59.7	73.2	982	5.8 J	19.5 J	69.9	ND(130)	
	05/14/2009	ND(1.0)	4.9	ND(1.0)	96.0	100.9	1120	5.7	20.7	89.1	ND(25)	
	05/20/2009	13.1	2.4	ND(1.0)	39.5	55.0	997	5.9	19.2	77.6	ND(25)	
	05/27/2009	4.1	0.78 J	ND(1.0)	17.7	22.6	556	2.8 J	9.8	47.1	ND(25)	
	06/03/2009	2.7	0.58 J	ND(1.0)	12.9	16.2	826	4.0 J	13.2	57.1	ND(25)	
	06/10/2009	ND(1.0)	ND(1.0)	ND(1.0)	0.61 J	0.61	485	2.1 J	7.6	33.7	ND(25)	
	06/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	176	0.94 J	3.3 J	13.6	ND(25)	
	06/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	97.7	0.64 J	2.0 J	7.3	ND(25)	
	07/01/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	65.1	0.43 J	1.3 J	3.9 J	ND(25)	
	07/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.7	ND(5.0)	0.78 J	1.3 J	ND(25)	
	07/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.2	0.45 J	1.1 J	1.1 J	ND(25)	
	08/11/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	21.5	0.57 J	1.6 J	1.3 J	ND(25)	
	08/25/2009	ND(1.0)	0.62 J	ND(1.0)	ND(1.0)	0.62	7.0	0.49 J	0.94 J	ND(5.0)	ND(25)	
	09/08/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.9	0.46 J	0.89 J	ND(5.0)	ND(25)	
	09/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.3	0.44 J	1.0 J	ND(5.0)	ND(25)	
	10/06/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	0.41 J	0.95 J	ND(5.0)	ND(25)	
	10/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/03/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.89 J	ND(5.0)	0.71 J	ND(5.0)	ND(25)	
	12/03/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.60 J	ND(5.0)	0.90 J	ND(5.0)	ND(25)	
	01/05/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.48 J	ND(5.0)	1.0 J	ND(5.0)	ND(25)	
	02/02/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.49 J	ND(5.0)	0.74 J	ND(5.0)	ND(25)	
	03/02/2010	ND(1.0)	0.67 J	ND(1.0)	0.45 J	1.12	0.66 J	ND(5.0)	0.80 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(75)	03/12/2009	18.0	3.9	ND(2.5)	42.0	63.9	1290	4.7 J	16.7	80.6	ND(63)	
	04/08/2009	10.1	4.1	ND(1.0)	39.3	53.5	1120	8.0	23.3	99.2	ND(25)	
	04/15/2009	6.9	1.9	ND(1.0)	32.6	41.4	1450	7.1	23.9	101	ND(25)	
	04/22/2009	7.2	0.90 J	ND(1.0)	36.1	44.2	779	5.7	18.9	72.2	ND(25)	
	04/29/2009	8.9	1.0	ND(1.0)	49.6	59.5	922	4.1 J	14.1	56.7	ND(25)	
	05/06/2009	13.5	ND(5.0)	ND(5.0)	58.1	71.6	930	5.6 J	18.4 J	66.3	ND(130)	
	05/14/2009	27.5	4.9	ND(1.0)	91.5	123.9	1100	5.7	20.9	89.9	ND(25)	
	05/20/2009	14.3	2.4	ND(1.0)	32.1	48.8	1080	6.2	19.7	79.7	ND(25)	
	05/27/2009	4.4	0.79 J	ND(1.0)	19.0	24.2	573	2.8 J	10.2	48.6	12.1 J	
	06/03/2009	2.1	0.51 J	ND(1.0)	10.9	13.5	934	4.8 J	15.3	62.8	ND(25)	
	06/10/2009	0.34 J	ND(1.0)	ND(1.0)	1.2	1.5	519	2.3 J	7.7	35.0	ND(25)	
	06/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	200	1.1 J	4.0 J	16.6	ND(25)	
	06/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	117	0.72 J	2.4 J	8.5	ND(25)	
	07/01/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	74.2	0.45 J	1.4 J	4.5 J	ND(25)	
	07/16/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	35.2	ND(5.0)	0.90 J	1.8 J	ND(25)	
	07/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	20.2	0.52 J	1.4 J	1.0 J	ND(25)	
	08/11/2009	ND(1.0)	0.36 J	ND(1.0)	ND(1.0)	0.36	12.5	0.60 J	1.2 J	0.77 J	ND(25)	
	08/25/2009	ND(1.0)	0.36 J	ND(1.0)	0.39 J	0.75	7.3	0.56 J	1.0 J	ND(5.0)	ND(25)	
	09/08/2009	ND(1.0)	0.41 J	ND(1.0)	ND(1.0)	0.41	4.2	0.44 J	0.99 J	ND(5.0)	ND(25)	
	09/22/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	17.6	0.48 J	1.3 J	0.97 J	ND(25)	
	10/06/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.2	0.41 J	0.93 J	ND(5.0)	ND(25)	
	10/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.4	0.47 J	ND(5.0)	ND(5.0)	ND(25)	
	11/03/2009	ND(1.0)	0.40 J	ND(1.0)	ND(1.0)	0.40	1.8	0.35 J	0.70 J	ND(5.0)	ND(25)	
	12/03/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.77 J	ND(5.0)	0.83 J	ND(5.0)	ND(25)	
	01/05/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.91 J	ND(5.0)	0.83 J	ND(5.0)	ND(25)	
	02/02/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.89 J	ND(5.0)	0.71 J	ND(5.0)	ND(25)	
	03/02/2010	ND(1.0)	0.43 J	ND(1.0)	ND(1.0)	0.43	5.5	ND(5.0)	0.85 J	ND(5.0)	ND(25)	
	03/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	ND(5.0)	0.73 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(75)	03/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.94 J	ND(5.0)	0.55 J	ND(5.0)	ND(25)	
MW-168(82-92)	03/12/2009	16.4	33.8	2.9	49.3	102.4	1200	5.2	18.2	86.8	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(87)	03/12/2009	16.7	3.8	ND(2.5)	39.5	60.0	1170	4.5 J	16.1	78.6	ND(63)	
	04/08/2009	10.7	4.2	ND(1.0)	38.1	53.0	1000	7.1	22.9	98.7	ND(25)	
	04/15/2009	6.6	1.6	ND(1.0)	31.7	39.9	1630	6.5	24.2	104	ND(25)	
	04/22/2009	7.0	0.98 J	ND(1.0)	33.8	41.8	808	6.5	19.1	74.8	ND(25)	
	04/29/2009	7.5	0.98 J	ND(1.0)	44.0	52.5	719	4.1 J	13.9	56.5	ND(25)	
	05/06/2009	12.9	ND(5.0)	ND(5.0)	53.7	66.6	910	5.2 J	17.6 J	64.3	ND(130)	
	05/14/2009	25.4	4.2	ND(1.0)	53.0	82.6	1020	5.3	19.2	82.2	ND(25)	
	05/20/2009	21.4	3.2	ND(1.0)	39.0	63.6	1180	6.6	21.7	84.2	ND(25)	
	05/27/2009	10.6	1.8	ND(1.0)	36.9	49.3	675	3.5 J	12.5	58.9	19.0 J	
	06/03/2009	7.8	1.7	0.28 J	21.9	31.7	830	4.2 J	13.6	56.1	ND(25)	
	06/10/2009	0.82 J	ND(1.0)	ND(1.0)	2.6	3.4	791	3.6 J	12.3	55.2	ND(25)	
	06/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	234	1.4 J	5.0	20.7	ND(25)	
	06/24/2009	0.37 J	ND(1.0)	ND(1.0)	0.35 J	0.72	653	3.3 J	11.3	51.0	ND(25)	
	07/01/2009	0.25 J	ND(1.0)	ND(1.0)	ND(1.0)	0.25	522	2.2 J	8.1	38.2	ND(25)	
	07/16/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	705	2.3 J	9.4 J	47.5	ND(130)	
	07/29/2009	0.62 J	ND(1.0)	ND(1.0)	2.1	2.7	464	2.7 J	9.0	33.3	ND(25)	
	08/11/2009	ND(1.0)	0.34 J	ND(1.0)	ND(1.0)	0.34	134	0.92 J	2.3 J	7.8	ND(25)	
	08/25/2009	ND(1.0)	0.63 J	0.32 J	0.82 J	1.77	141	1.1 J	3.1 J	8.7	ND(25)	
	09/08/2009	0.78 J	0.66 J	ND(1.0)	2.9	4.3	406	2.4 J	7.7	30.7	ND(25)	
	09/22/2009	0.58 J	ND(1.0)	ND(1.0)	2.6	3.2	373	2.0 J	6.9	24.3	ND(25)	
	10/06/2009	0.25 J	ND(1.0)	ND(1.0)	1.1	1.4	145	1.1 J	3.4 J	10.1	ND(25)	
	10/20/2009	ND(1.0)	ND(1.0)	ND(1.0)	3.5	3.5	206	1.4 J	4.6 J	18.4	ND(25)	
	11/03/2009	0.41 J	0.59 J	0.31 J	2.1	3.4	266	1.5 J	4.8 J	18.3	ND(25)	
	12/03/2009	0.54 J	ND(1.0)	0.28 J	3.2	4.0	246	1.5 J	4.9 J	15.5	ND(25)	
	01/05/2010	0.54 J	ND(1.0)	ND(1.0)	2.6	3.1	195	1.2 J	3.9 J	11.9	ND(25)	
	02/02/2010	0.40 J	ND(1.0)	ND(1.0)	2.0	2.4	127	0.68 J	2.4 J	7.1	ND(25)	
	03/02/2010	ND(1.0)	0.60 J	ND(1.0)	0.75 J	1.35	16.0	ND(5.0)	1.0 J	0.76 J	ND(25)	
	03/16/2010	0.84 J	ND(1.0)	ND(1.0)	1.7	2.5	136	0.60 J	2.0 J	6.1	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(87)	03/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	0.39 J	ND(5.0)	ND(25)	
	04/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	17.9	0.51 J	1.3 J	ND(5.0)	ND(25)	
MW-168(IP)	07/13/2010	1.3	12.8	ND(1.0)	2.4	16.5	267	ND(5.0)	2.0 J	7.7	10.2 J	
	07/20/2010	ND(10)	ND(10)	ND(10)	ND(10)	BRL	2700	5.6 J	25.2 J	86.2	ND(250)	
	07/27/2010	2.6 J	ND(5.0)	ND(5.0)	2.7 J	5.3	3830	9.6 J	39.1	111	ND(130)	
	08/03/2010	1.7	0.44 J	ND(1.0)	1.2	3.3	3690	7.8	35.1	102	23.6 J	
	08/10/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	2760	5.0 J	24.6 J	75.7	ND(130)	
	08/17/2010	ND(5.0)	27.4	ND(5.0)	ND(5.0)	27.4	2780	ND(25)	30.9	80.6	ND(130)	
	08/24/2010	0.55 J	37.8	0.60 J	2.4	41.4	2780	3.3 J	21.1	65.4	32.0	
MW-168(OP)	07/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	84.6	0.53 J	1.8 J	2.7 J	ND(25)	
	07/20/2010	0.34 J	0.33 J	ND(1.0)	ND(1.0)	0.67	72.6	0.36 J	1.1 J	1.8 J	ND(25)	
	07/27/2010	0.28 J	ND(1.0)	ND(1.0)	ND(1.0)	0.28	48.9	ND(5.0)	1.2 J	1.5 J	ND(25)	
	08/03/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/10/2010	ND(1.0)	0.91 J	ND(1.0)	ND(1.0)	0.91	4.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/17/2010	ND(1.0)	0.73 J	ND(1.0)	ND(1.0)	0.73	3.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/24/2010	ND(1.0)	0.36 J	ND(1.0)	ND(1.0)	0.36	1.8	ND(5.0)	0.23 J	ND(5.0)	ND(25)	
W-168(143-153)23V	07/16/2010	4.6	1.8	ND(1.0)	1.6	8.0	2840	7.8	35.8	94.2	23.5 J	

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Near Northeast Area Groundwater Analytical Results
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(235)	03/12/2009	10.1	2.7	ND(1.0)	21.6	34.4	1090	4.4 J	15.6	70.1	ND(25)	
	04/08/2009	1.7	3.6	ND(1.0)	30.9	36.2	1120	7.4	22.2	91.7	ND(25)	
	04/15/2009	3.4	3.3	ND(1.0)	37.1	43.8	1540	6.6	23.3	109	ND(25)	
	04/22/2009	4.5	2.5	ND(1.0)	37.0	44.0	1010	7.0	22.0	93.2	ND(25)	
	04/29/2009	5.1	2.0	ND(1.0)	36.1	43.2	978	7.1	22.0	87.8	ND(25)	
	05/06/2009	6.3	ND(5.0)	ND(5.0)	38.1	44.4	1420	6.9 J	22.5 J	86.6	ND(130)	
	05/14/2009	12.0	1.9	ND(1.0)	42.5	56.4	1100	6.4	21.9	86.9	ND(25)	
	05/20/2009	11.0	ND(10)	ND(10)	34.8	45.8	1070	5.3 J	19.6 J	87.3	ND(250)	
	05/27/2009	5.6	0.94 J	ND(2.0)	27.4	33.9	856	3.9 J	14.0	65.7	ND(50)	
	06/03/2009	0.31 J	ND(1.0)	ND(1.0)	ND(1.0)	0.31	1200	6.1	19.7	78.2	ND(25)	
	06/10/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	968	4.2 J	15.6 J	71.9	ND(130)	
	06/17/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	930	5.2	18.2	80.4	ND(25)	
	06/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	988	5.3	17.8	81.7	ND(25)	
	07/01/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	974	4.1 J	15.0	71.8	ND(25)	
	07/16/2009	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	922	3.2 J	12.9 J	59.8	ND(130)	
	07/29/2009	ND(1.0)	ND(1.0)	ND(1.0)	0.52 J	0.52	881	4.2 J	14.6	57.5	ND(25)	
	08/11/2009	ND(1.0)	ND(1.0)	0.28 J	1.2	1.5	706	3.9 J	12.4	42.0	ND(25)	
	08/25/2009	0.34 J	0.49 J	ND(1.0)	1.0	1.8	663	3.0 J	11.0	40.2	ND(25)	
	09/08/2009	0.39 J	0.69 J	ND(1.0)	1.3	2.4	595	3.5 J	11.6	39.4	ND(25)	
	09/22/2009	0.50 J	ND(1.0)	ND(1.0)	2.5	3.0	469	2.1 J	7.7	27.0	ND(25)	
	10/06/2009	0.37 J	ND(1.0)	ND(1.0)	0.82 J	1.19	485	2.9 J	9.6	23.3	ND(25)	
	10/20/2009	ND(1.0)	ND(1.0)	0.33 J	ND(1.0)	0.33	419	2.6 J	9.6	24.2	ND(25)	
	11/03/2009	1.0	0.72 J	ND(1.0)	1.0	2.7	458	2.4 J	8.7	25.6	ND(25)	
	12/03/2009	3.4 J	ND(5.0)	ND(5.0)	ND(5.0)	3.4	919	5.1 J	17.2 J	30.0	ND(130)	
	01/05/2010	4.8	ND(1.0)	ND(1.0)	1.3	6.1	649	3.5 J	11.8	26.9	ND(25)	
	02/02/2010	12.4	ND(1.0)	ND(1.0)	0.92 J	13.3	1270	5.5	19.9	47.7	ND(25)	
	03/02/2010	18.4	ND(2.0)	ND(2.0)	1.4 J	19.8	1720	5.6 J	20.3	63.0	ND(50)	
	03/16/2010	32.6	ND(1.0)	ND(1.0)	3.2	35.8	2260	8.9	30.5	81.7	9.5 J	

Table 4
Near Northeast Area Groundwater Analytical Results
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(235)	03/22/2010	30.3	ND(2.5)	ND(2.5)	3.2	33.5	2580	8.8 J	34.2	102	ND(63)	
	03/31/2010	36.5	ND(5.0)	ND(5.0)	2.3 J	38.8	2950	12.7 J	47.1	115	ND(130)	
	04/06/2010	39.0	ND(1.0)	ND(1.0)	1.3	40.3	3320	9.9	39.9	110	ND(25)	
	04/13/2010	38.7	ND(5.0)	ND(5.0)	ND(5.0)	38.7	2910	7.6 J	33.1	103	ND(130)	
	04/20/2010	56.9	ND(5.0)	ND(5.0)	3.1 J	60.0	5030	14.6 J	50.5	141	175	
	04/27/2010	61.7	ND(5.0)	ND(5.0)	4.0 J	65.7	5150	13.7 J	52.1	149	65.4 J	
	05/04/2010	32.7	ND(10)	ND(10)	ND(10)	32.7	2490	5.5 J	25.0 J	96.2	ND(250)	
	05/11/2010	66.8	ND(20)	ND(20)	5.7 J	72.5	4750	9.5 J	40.2 J	131	ND(500)	
	05/18/2010	73.4	ND(10)	ND(10)	9.0 J	82.4	5000	14.9 J	61.1	170	ND(250)	
	05/25/2010	70.7	ND(20)	ND(20)	7.1 J	77.8	5250	18.9 J	75.8 J	211	ND(500)	
	06/01/2010	23.8	ND(10)	ND(10)	ND(10)	23.8	5620	13.6 J	62.3	199	1230	
	06/08/2010	48.9	ND(10)	ND(10)	5.9 J	54.8	4140	10.2 J	42.7 J	113	ND(250)	
	06/15/2010	78.3	ND(10)	ND(10)	8.9 J	87.2	5900	17.1 J	65.9	179	ND(250)	
	06/22/2010	62.1	ND(10)	ND(10)	8.9 J	71.0	5530	13.5 J	52.3	145	101 J	
	06/29/2010	59.5	ND(10)	ND(10)	7.9 J	67.4	4770	11.9 J	45.9 J	147	ND(250)	
	07/06/2010	46.1	ND(1.0)	ND(1.0)	9.6	55.7	3770	12.3	47.4	124	64.1	
	08/31/2010	15.0	3.6 J	ND(5.0)	3.5 J	22.1	3350	8.3 J	36.9	106	ND(130)	
	09/07/2010	12.2	4.2 J	ND(10)	2.9 J	19.3	2300	7.1 J	29.1 J	85.8	ND(250)	
	09/14/2010	12.0	5.1	ND(5.0)	2.8 J	19.9	2610	7.0 J	28.3	81.9	ND(130)	
	09/21/2010	10.9	4.7 J	ND(5.0)	2.8 J	18.4	1990	6.0 J	23.4 J	72.6	ND(130)	
	09/28/2010	7.2	3.4 J	ND(5.0)	ND(5.0)	10.6	1280	5.2 J	17.5 J	49.4	ND(130)	
	10/07/2010	11.1	4.1	ND(2.5)	1.8 J	17.0	1780	5.6 J	20.3	62.6	ND(63)	
	10/12/2010	4.5 J	ND(5.0)	ND(5.0)	ND(5.0)	4.5	769	3.4 J	10.1 J	28.4	ND(130)	
	10/18/2010	2.9	1.4	ND(1.0)	0.67 J	5.0	449	1.1 J	4.3 J	11.8	ND(25)	
	10/26/2010	7.3	2.7	ND(1.0)	1.6	11.6	1370	4.3 J	15.6	47.1	11.3 J	
	11/02/2010	6.1	2.4 J	ND(5.0)	3.1 J	11.6	1270	4.1 J	16.9 J	51.1	ND(130)	
	11/09/2010	5.9	2.3 J	ND(5.0)	1.4 J	9.6	1290	4.3 J	16.4 J	44.8	ND(130)	
	11/16/2010	2.0	0.78 J	ND(1.0)	0.54 J	3.3	358	1.1 J	4.4 J	11.7	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(235)	11/23/2010	1.3	0.55 J	ND(1.0)	0.33 J	2.2	266	0.87 J	3.2 J	8.2	ND(25)	
	11/30/2010	4.2	1.3	ND(1.0)	1.1	6.6	886	2.7 J	11.5	34.9	ND(25)	
	12/07/2010	4.2	1.4	ND(1.0)	1.3	6.9	778	2.6 J	10.2	31.7	ND(25)	
	12/14/2010	2.6	1.2	ND(1.0)	0.51 J	4.3	640	2.3 J	8.5	20.2	ND(25)	
	12/21/2010	3.0	0.90 J	ND(1.0)	0.97 J	4.9	622	2.2 J	8.4	20.3	ND(25)	
	12/28/2010	2.8	0.82 J	ND(1.0)	0.70 J	4.3	555	2.0 J	7.2	21.2	ND(25)	
	01/04/2011	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	346	1.4 J	5.0	11.6	99.2	
	01/12/2011	1.5	ND(1.0)	ND(1.0)	0.40 J	1.9	428	1.4 J	5.4	15.0	ND(25)	
	01/17/2011	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	352	1.1 J	4.2 J	10.9	ND(25)	
	01/24/2011	1.1	ND(1.0)	ND(1.0)	0.26 J	1.4	368	1.1 J	4.6 J	11.2	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	246	0.87 J	3.4 J	7.2	ND(25)	
	02/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	196	0.70 J	3.4 J	6.1	ND(25)	
	02/22/2011	19.7	1.2	1.8	2.7	25.4	1630	5.1	22.1	69.5	14.3 J	
	03/01/2011	51.3	2.2 J	ND(5.0)	3.8 J	57.3	4120	11.7 J	44.8	147	ND(130)	
	03/08/2011	41.0	ND(10)	ND(10)	ND(10)	41.0	4320	8.7 J	36.0 J	127	ND(250)	
	03/22/2011	16.5	ND(5.0)	ND(5.0)	ND(5.0)	16.5	1310	3.5 J	14.8 J	50.7	ND(130)	
	03/28/2011	31.8	ND(5.0)	ND(5.0)	ND(5.0)	31.8	3030	7.6 J	31.4	116	ND(130)	
	04/05/2011	14.9	ND(5.0)	ND(5.0)	ND(5.0)	14.9	1490	3.7 J	15.4 J	54.8	307	
	04/12/2011	25.7	ND(1.0)	ND(1.0)	0.48 J	26.2	2520	7.8	30.9	104	293	
	04/18/2011	4.2	ND(1.0)	ND(1.0)	ND(1.0)	4.2	389	1.3 J	5.4	14.9	92.2	
	04/25/2011	16.0	ND(2.0)	ND(2.0)	ND(2.0)	16.0	2100	4.7 J	23.9	86.1	84.4	
	05/02/2011	5.7	ND(1.0)	ND(1.0)	0.51 J	6.2	728	1.9 J	8.2	33.1	113	
	05/10/2011	11.0	ND(2.5)	ND(2.5)	ND(2.5)	11.0	1600	4.9 J	18.7	64.9	ND(63)	
	05/17/2011	2.4	ND(1.0)	ND(1.0)	0.53 J	2.9	448	1.6 J	5.9	18.5	ND(25)	
	05/24/2011	4.0	ND(2.5)	ND(2.5)	ND(2.5)	4.0	1660	5.0 J	19.2	65.8	ND(63)	
	05/31/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1530	4.8 J	18.6	60.3	15.1 J	
	06/06/2011	1.7	ND(1.0)	ND(1.0)	ND(1.0)	1.7	1490	4.0 J	18.4	61.2	102	
	06/11/2011	1.5	ND(1.0)	ND(1.0)	0.18 J	1.7	711	2.2 J	9.4	31.6	58.8	

Table 4
Near Northeast Area Groundwater Analytical Results
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Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(235)	06/21/2011	1.9 J	ND(2.5)	ND(2.5)	ND(2.5)	1.9	1330	3.9 J	15.6	50.1	350	
	06/28/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	1050	2.7 J	12.8 J	47.4	ND(130)	
	07/05/2011	1.1 J	ND(2.0)	ND(2.0)	ND(2.0)	1.1	1310	2.9 J	14.1	48.5	62.5	
	07/12/2011	0.31 J	ND(1.0)	ND(1.0)	ND(1.0)	0.31	342	1.2 J	4.4 J	13.5	34.6	
	07/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	721	3.0 J	11.8	39.8	ND(25)	
W-168(230-240)42V	07/23/2010	13.0	4.2 J	ND(5.0)	ND(5.0)	17.2	1680	7.0 J	21.2 J	52.4	ND(130)	

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Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-169 [R]	05/28/2009	3.8	3.8	49.0	203	260	29.0	ND(5.0)	0.75 J	2.0 J	ND(25)	
	06/11/2009	1.1	0.45 J	ND(1.0)	2.1	3.7	441	1.5 J	4.8 J	28.4	14.3 J	
	07/16/2009	1.4	0.33 J	ND(1.0)	2.2	3.9	331	1.5 J	5.9	20.1	ND(25)	
	08/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	107	0.86 J	3.1 J	5.8	ND(25)	
	09/16/2009	7.3	6.3	0.47 J	47.8	61.9	538	3.4 J	11.8	48.2	7.5 J	
	10/15/2009	3.4	1.5	ND(1.0)	11.3	16.2	583	3.4 J	12.5	55.2	ND(25)	
	11/23/2009	2.0	ND(1.0)	ND(1.0)	5.9	7.9	792	3.5 J	12.3	48.0	ND(25)	
	12/28/2009	2.6	ND(1.0)	ND(1.0)	5.8	8.4	602	2.5 J	9.3	46.3	ND(25)	
	01/26/2010	2.8	0.74 J	ND(1.0)	12.6	16.1	344	1.0 J	3.5 J	18.9	ND(25)	
	02/22/2010	4.3	1.4	ND(1.0)	19.6	25.3	304	1.3 J	4.7 J	21.7	ND(25)	
	03/16/2010	4.4	2.7	ND(1.0)	22.8	29.9	336	1.5 J	5.1	24.6	ND(25)	
	03/22/2010	2.8	1.1	ND(1.0)	17.4	21.3	301	1.2 J	4.6 J	24.8	ND(25)	
	03/31/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	263	1.0 J	4.1 J	16.5	ND(25)	
	04/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.62 J	0.62	153	0.84 J	3.2 J	11.2	20.3 J	
	04/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	173	0.56 J	2.4 J	10.9	ND(25)	
	04/20/2010	0.30 J	ND(1.0)	ND(1.0)	0.85 J	1.15	189	0.96 J	3.5 J	11.7	ND(25)	
	04/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	145	0.71 J	2.7 J	6.4	ND(25)	
	05/04/2010	0.28 J	0.43 J	ND(1.0)	0.27 J	0.98	160	0.53 J	2.4 J	9.7	ND(25)	
	05/11/2010	0.36 J	0.39 J	ND(1.0)	0.35 J	1.10	193	0.66 J	2.7 J	10.2	ND(25)	
	05/18/2010	0.41 J	ND(1.0)	ND(1.0)	0.88 J	1.29	242	1.2 J	4.5 J	15.9	ND(25)	
	05/25/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	197	1.1 J	3.8 J	11.9	ND(25)	
	06/01/2010	ND(1.0)	0.53 J	ND(1.0)	ND(1.0)	0.53	178	0.77 J	3.2 J	11.8	23.0 J	
	06/08/2010	0.88 J	0.88 J	ND(1.0)	2.8	4.6	250	1.4 J	5.0	13.5	ND(25)	
	06/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	190	1.1 J	4.0 J	11.2	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	202	0.99 J	3.6 J	10.8	ND(25)	
	06/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	279	1.5 J	4.9 J	16.8	ND(25)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	159	0.93 J	3.0 J	9.6	ND(25)	
	07/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	237	1.6 J	4.8 J	13.8	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-169 [R]	07/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	199	0.94 J	3.3 J	12.1	ND(25)	
	07/27/2010	0.26 J	ND(1.0)	ND(1.0)	0.95 J	1.21	185	1.2 J	3.9 J	10.9	ND(25)	
	08/03/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	241	1.0 J	3.4 J	11.0	ND(25)	
	08/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	180	0.77 J	2.8 J	9.8	ND(25)	
	08/17/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	145	0.84 J	2.9 J	8.7	ND(25)	
	08/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	155	0.67 J	2.4 J	6.8	ND(25)	
	08/31/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	142	1.2 J	3.2 J	6.3	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	105	0.77 J	2.4 J	4.6 J	ND(25)	
	09/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	117	0.58 J	1.9 J	3.6 J	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.26 J	0.26	103	1.0 J	3.0 J	3.8 J	ND(25)	
	09/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	77.1	0.91 J	2.4 J	3.8 J	ND(25)	
	10/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.88 J	0.88	151	0.74 J	2.6 J	10.4	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	169	1.3 J	3.6 J	9.7	ND(25)	
	10/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	146	0.91 J	3.2 J	7.1	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	129	1.1 J	3.2 J	6.5	ND(25)	
	11/02/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	92.8	0.75 J	2.5 J	5.4	ND(25)	
	11/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	98.9	0.82 J	2.6 J	4.5 J	ND(25)	
	11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	97.2	0.76 J	2.8 J	4.2 J	ND(25)	
	11/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	83.9	ND(5.0)	2.3 J	3.3 J	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	78.7	0.78 J	2.6 J	3.0 J	ND(25)	
	12/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	83.2	0.87 J	2.8 J	3.8 J	ND(25)	
	12/14/2010	0.29 J	0.78 J	ND(1.0)	ND(1.0)	1.07	73.9	0.70 J	2.4 J	2.8 J	ND(25)	
	12/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	57.3	0.57 J	2.0 J	2.2 J	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	55.1	0.63 J	2.2 J	2.0 J	ND(25)	
	01/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	55.5	0.62 J	2.1 J	2.2 J	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	37.2	0.64 J	2.0 J	0.62 J	ND(25)	
	01/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	28.6	0.65 J	1.8 J	ND(5.0)	ND(25)	
	01/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	38.0	0.78 J	2.1 J	1.0 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-169 [R]	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	39.2	0.58 J	1.9 J	1.1 J	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	40.9	0.73 J	2.2 J	1.2 J	ND(25)	
	02/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	31.4	0.71 J	2.0 J	0.94 J	ND(25)	
	02/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	46.2	0.99 J	2.7 J	1.3 J	ND(25)	
	03/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	42.0	0.91 J	2.5 J	1.4 J	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	40.7	0.85 J	2.2 J	1.3 J	ND(25)	
	03/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	49.6	0.82 J	2.6 J	1.7 J	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.5	0.78 J	2.1 J	1.1 J	ND(25)	
	04/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	34.6	0.73 J	2.1 J	0.84 J	ND(25)	
	04/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.1	0.66 J	1.8 J	ND(5.0)	ND(25)	
	04/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.9	0.58 J	1.9 J	0.94 J	ND(25)	
	04/26/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.1	0.78 J	2.1 J	0.72 J	ND(25)	
	05/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.5	0.75 J	2.0 J	0.82 J	ND(25)	
	05/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.5	0.63 J	1.7 J	0.65 J	ND(25)	
	05/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	19.5	0.61 J	1.7 J	0.63 J	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.6	ND(5.0)	0.81 J	ND(5.0)	ND(25)	
	05/31/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	28.4	0.44 J	1.2 J	0.81 J	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	22.1	0.59 J	1.8 J	0.53 J	ND(25)	
	06/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.8	0.45 J	1.5 J	0.55 J	ND(25)	
	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	16.0	0.47 J	1.4 J	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	20.8	ND(5.0)	0.54 J	0.64 J	ND(25)	
	07/05/2011	0.24 J	ND(1.0)	ND(1.0)	1.7	1.9	32.4	0.37 J	1.3 J	1.5 J	ND(25)	
	07/12/2011	2.5	3.7	0.24 J	0.63 J	7.1	3.7	ND(5.0)	0.77 J	ND(5.0)	ND(25)	
	07/18/2011	4.8	5.9	0.50 J	1.9	13.1	4.9	ND(5.0)	ND(5.0)	0.76 J	ND(25)	
MW-169(0-100)	05/13/2009	26.0	7.8	0.67 J	41.3	75.8	755	3.3 J	11.1	47.2	ND(25)	
	05/14/2009	31.2	8.5	0.66 J	81.2	121.6	685	4.1 J	12.9	54.4	ND(25)	
	05/21/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	47.7	0.44 J	1.2 J	2.7 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-169(0-150)	05/13/2009	29.8	7.2	0.48 J	62.3	99.8	762	4.7 J	16.2	68.0	ND(25)	
	05/14/2009	32.3	8.2	0.58 J	83.5	124.6	1110	5.0	15.8	65.1	ND(25)	
	05/21/2009	ND(1.0)	ND(1.0)	ND(1.0)	1.5	1.5	779	3.6 J	12.7	57.1	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-170 [R]	05/28/2009	194	115	35.9	549	894	2940	16.6	53.9	216	ND(25)	
	06/11/2009	89.6	31.0	10.4 J	176	307	3710	11.7 J	39.0 J	233	ND(500)	
	07/16/2009	5.8	3.2	0.91 J	24.5	34.4	1420	5.1	21.9	106	20.3 J	
	08/24/2009	1.5	2.0	0.37 J	15.3	19.2	801	3.4 J	14.2	46.5	19.9 J	
	09/16/2009	0.62 J	ND(1.0)	ND(1.0)	2.9	3.5	571	2.4 J	10.4	35.1	13.2 J	
	10/15/2009	0.80 J	ND(1.0)	ND(1.0)	3.0	3.8	317	2.3 J	10.1	34.5	ND(25)	
	11/23/2009	0.23 J	ND(1.0)	ND(1.0)	1.2	1.4	412	2.5 J	9.6	27.8	ND(25)	
	12/28/2009	0.30 J	ND(1.0)	ND(1.0)	0.62 J	0.92	350	2.0 J	7.3	28.1	ND(25)	
	01/26/2010	0.52 J	ND(1.0)	ND(1.0)	1.4	1.9	244	1.7 J	6.0	20.7	ND(25)	
	02/22/2010	0.24 J	ND(1.0)	ND(1.0)	0.99 J	1.23	157	1.1 J	4.1 J	11.6	ND(25)	
	03/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	115	0.86 J	3.1 J	7.5	ND(25)	
	03/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	91.9	0.67 J	2.7 J	7.6	ND(25)	
	03/31/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	95.2	0.61 J	2.6 J	6.9	ND(25)	
	04/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	93.3	0.70 J	2.5 J	8.1	12.7 J	
	04/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	110	0.41 J	2.1 J	7.6	ND(25)	
	04/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	126	0.52 J	2.0 J	9.6	10.7 J	
	04/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	154	0.51 J	2.3 J	11.9	ND(25)	
	05/04/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	121	0.39 J	1.8 J	8.8	ND(25)	
	05/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	100	ND(5.0)	1.3 J	7.2	ND(25)	
	05/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	104	0.58 J	2.4 J	8.9	ND(25)	
	05/25/2010	0.27 J	ND(1.0)	ND(1.0)	ND(1.0)	0.27	84.8	0.38 J	1.7 J	6.7	ND(25)	
	06/01/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	73.9	ND(5.0)	1.6 J	6.0	8.0 J	
	06/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	81.5	0.38 J	1.7 J	5.5	ND(25)	
	06/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	57.9	ND(5.0)	1.4 J	3.8 J	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	39.5	ND(5.0)	1.1 J	2.5 J	ND(25)	
	06/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.5	ND(5.0)	0.30 J	ND(5.0)	ND(25)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	64.4	0.42 J	1.6 J	4.1 J	ND(25)	
	07/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	40.8	ND(5.0)	1.3 J	2.1 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-170 [R]	07/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	29.9	ND(5.0)	0.73 J	1.3 J	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	50.1	ND(5.0)	1.4 J	3.2 J	ND(25)	
	08/03/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	34.5	ND(5.0)	0.94 J	1.4 J	ND(25)	
	08/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.0	ND(5.0)	0.72 J	0.67 J	ND(25)	
	08/17/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.1	ND(5.0)	0.84 J	0.79 J	ND(25)	
	08/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.3	ND(5.0)	0.51 J	ND(5.0)	ND(25)	
	08/31/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	11.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.9	ND(5.0)	0.66 J	ND(5.0)	ND(25)	
	09/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.7	ND(5.0)	0.45 J	ND(5.0)	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.67 J	0.67	13.4	ND(5.0)	0.38 J	ND(5.0)	ND(25)	
	09/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	47.0	ND(5.0)	1.2 J	2.2 J	ND(25)	
	10/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.8	1.8	110	ND(5.0)	1.5 J	9.5	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	35.5	ND(5.0)	0.91 J	1.7 J	ND(25)	
	10/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.9	ND(5.0)	0.58 J	ND(5.0)	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.2	ND(5.0)	0.70 J	ND(5.0)	ND(25)	
	11/02/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.1	ND(5.0)	0.55 J	ND(5.0)	ND(25)	
	11/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.0	ND(5.0)	0.52 J	ND(5.0)	ND(25)	
	11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.9	ND(5.0)	0.61 J	ND(5.0)	ND(25)	
	11/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.5	ND(5.0)	0.50 J	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.3	ND(5.0)	0.56 J	ND(5.0)	ND(25)	
	12/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.8	ND(5.0)	0.66 J	ND(5.0)	ND(25)	
	12/14/2010	ND(1.0)	0.54 J	ND(1.0)	ND(1.0)	0.54	3.9	ND(5.0)	0.49 J	ND(5.0)	ND(25)	
	12/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.3	ND(5.0)	0.43 J	ND(5.0)	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.3	ND(5.0)	0.44 J	ND(5.0)	ND(25)	
	01/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-170 [R]	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.87 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.72 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.2	ND(5.0)	2.7 J	0.92 J	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/22/2011	0.75 J	ND(1.0)	ND(1.0)	ND(1.0)	0.75	1.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	14.7	ND(5.0)	0.32 J	ND(5.0)	ND(25)	
	04/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/26/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/31/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/12/2011	1.9	2.4	ND(1.0)	ND(1.0)	4.3	26.1	ND(5.0)	0.51 J	1.4 J	ND(25)	
	07/18/2011	0.33 J	0.27 J	ND(1.0)	ND(1.0)	0.60	11.5	ND(5.0)	0.23 J	0.64 J	ND(25)	
MW-170(0-100)	05/14/2009	142	70.4	11.6	554	778	1830	9.2 J	30.1	155	ND(130)	
	05/21/2009	78.5	6.4 J	3.4 J	118	206	1390	5.7 J	18.5 J	109	ND(250)	
MW-170(0-150)	05/14/2009	112	56.0	9.1	492	669	1560	7.9 J	24.3 J	134	ND(130)	
	05/21/2009	79.9	7.3 J	3.8 J	139	230	1480	5.8 J	19.3 J	116	ND(250)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171 [R]	05/28/2009	60.8	407	168	1730	2366	1050	5.2	23.2	115	15.0 J	
	06/11/2009	51.4	705	72.1	1440	2269	2990	5.6 J	32.7	250	78.5 J	
	07/16/2009	11.7	ND(10)	ND(10)	70.9	82.6	2710	4.7 J	30.2 J	286	58.9 J	
	08/24/2009	5.3	0.52 J	ND(1.0)	35.0	40.8	1430	3.2 J	15.7	96.2	24.0 J	
	09/16/2009	7.9	0.50 J	ND(1.0)	45.3	53.7	1120	2.7 J	13.2	82.1	17.0 J	
	10/15/2009	7.9	ND(1.0)	ND(1.0)	46.2	54.1	863	2.4 J	12.0	87.7	ND(25)	
	11/23/2009	4.0	ND(1.0)	ND(1.0)	25.2	29.2	718	1.8 J	8.7	47.0	ND(25)	
	12/28/2009	3.4	ND(1.0)	ND(1.0)	17.6	21.0	652	1.6 J	7.6	47.9	ND(25)	
	01/26/2010	2.9	ND(1.0)	ND(1.0)	14.6	17.5	485	1.2 J	5.8	33.1	10.3 J	
	02/22/2010	2.6	ND(1.0)	ND(1.0)	13.8	16.4	265	0.79 J	3.4 J	14.4	ND(25)	
	03/16/2010	2.5	ND(1.0)	ND(1.0)	12.9	15.4	291	0.91 J	3.5 J	15.8	ND(25)	
	03/22/2010	1.0	ND(1.0)	ND(1.0)	6.3	7.3	316	0.97 J	4.1 J	20.1	ND(25)	
	03/31/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.92 J	0.92	262	1.2 J	4.2 J	15.5	8.4 J	
	04/06/2010	0.28 J	ND(1.0)	ND(1.0)	1.1	1.4	226	1.0 J	3.6 J	13.3	28.6	
	04/13/2010	0.30 J	ND(1.0)	ND(1.0)	1.9	2.2	241	0.65 J	3.1 J	13.6	ND(25)	
	04/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.9	ND(5.0)	ND(5.0)	0.73 J	ND(25)	
	04/27/2010	0.45 J	ND(1.0)	ND(1.0)	1.8	2.3	291	0.86 J	3.4 J	14.5	ND(25)	
	05/04/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.0	1.0	277	0.76 J	3.2 J	14.6	ND(25)	
	05/11/2010	0.48 J	ND(1.0)	ND(1.0)	1.9	2.4	275	1.2 J	4.4 J	17.3	26.5	
	05/18/2010	0.52 J	ND(1.0)	ND(1.0)	2.6	3.1	296	1.2 J	4.6 J	18.4	10.7 J	
	05/25/2010	0.33 J	ND(1.0)	ND(1.0)	1.3	1.6	257	0.97 J	3.8 J	16.9	ND(25)	
	06/01/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	190	0.75 J	3.0 J	10.8	37.7	
	06/08/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.66 J	0.66	221	0.70 J	2.9 J	11.2	ND(25)	
	06/15/2010	0.36 J	ND(1.0)	ND(1.0)	3.1	3.5	210	0.66 J	2.8 J	11.8	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.32 J	0.32	207	0.85 J	3.4 J	11.0	ND(25)	
	06/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	180	0.94 J	3.3 J	7.9	ND(25)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	192	0.89 J	3.2 J	10.2	ND(25)	
	07/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	2.2	2.2	247	1.4 J	4.3 J	12.9	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171 [R]	07/20/2010	0.30 J	ND(1.0)	ND(1.0)	1.8	2.1	198	0.70 J	2.9 J	11.9	ND(25)	
	07/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.4	1.4	223	0.86 J	3.5 J	13.0	ND(25)	
	08/03/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.76 J	0.76	273	0.74 J	3.0 J	11.9	ND(25)	
	08/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.69 J	0.69	236	0.74 J	3.1 J	13.4	ND(25)	
	08/17/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	179	0.72 J	3.2 J	9.9	ND(25)	
	08/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	197	0.65 J	2.7 J	8.8	ND(25)	
	08/31/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	233	1.2 J	3.9 J	9.6	ND(25)	
	09/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.54 J	0.54	191	0.75 J	3.0 J	9.2	ND(25)	
	09/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	223	0.57 J	2.3 J	7.7	ND(25)	
	09/24/2010	ND(1.0)	ND(1.0)	ND(1.0)	1.4	1.4	190	0.78 J	3.4 J	10.3	ND(25)	
	09/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.40 J	0.40	213	0.77 J	3.5 J	11.0	ND(25)	
	10/07/2010	0.44 J	ND(1.0)	ND(1.0)	3.6	4.0	166	0.55 J	2.6 J	10.9	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	248	0.87 J	3.5 J	12.5	10.0 J	
	10/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.54 J	0.54	200	0.71 J	3.1 J	11.4	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.28 J	0.28	225	0.97 J	3.6 J	11.6	5.9 J	
	11/02/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.34 J	0.34	206	0.88 J	3.4 J	10.0	ND(25)	
	11/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.38 J	0.38	197	0.76 J	3.1 J	9.3	ND(25)	
	11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.44 J	0.44	180	0.77 J	3.2 J	8.3	ND(25)	
	11/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	151	0.64 J	2.8 J	6.4	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.32 J	0.32	178	0.81 J	3.5 J	6.7	ND(25)	
	12/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.36 J	0.36	158	0.66 J	2.9 J	7.3	ND(25)	
	12/14/2010	0.29 J	0.59 J	ND(1.0)	ND(1.0)	0.88	134	0.68 J	2.9 J	5.7	ND(25)	
	12/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	108	0.51 J	2.4 J	4.4 J	ND(25)	
	12/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	103	0.57 J	2.7 J	4.2 J	ND(25)	
	01/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	101	0.57 J	2.7 J	4.1 J	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	92.0	0.63 J	2.7 J	3.0 J	ND(25)	
	01/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	82.8	0.65 J	2.4 J	2.7 J	ND(25)	
	01/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	88.4	0.72 J	2.7 J	3.1 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171 [R]	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	107	0.59 J	2.6 J	4.5 J	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	114	0.71 J	2.8 J	3.9 J	ND(25)	
	02/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	90.8	0.64 J	2.4 J	4.4 J	ND(25)	
	02/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	101	0.65 J	2.6 J	3.7 J	ND(25)	
	03/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	84.3	0.60 J	2.2 J	3.0 J	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	90.1	0.63 J	2.2 J	3.3 J	ND(25)	
	03/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	68.9	0.47 J	1.7 J	2.7 J	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	58.8	0.50 J	1.7 J	2.3 J	ND(25)	
	04/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	63.4	0.40 J	1.6 J	1.9 J	ND(25)	
	04/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	56.2	ND(5.0)	1.5 J	2.1 J	16.0 J	
	04/26/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	52.0	0.37 J	1.3 J	1.8 J	ND(25)	
	05/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	53.5	ND(5.0)	1.2 J	1.7 J	ND(25)	
	05/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	44.2	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	05/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.2	ND(5.0)	0.33 J	ND(5.0)	ND(25)	
	05/31/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	57.5	ND(5.0)	1.3 J	2.5 J	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	50.7	0.34 J	1.2 J	2.1 J	ND(25)	
	06/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	48.7	0.27 J	1.1 J	1.8 J	ND(25)	
	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	47.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	43.5	ND(5.0)	0.86 J	1.5 J	ND(25)	
	07/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	40.5	ND(5.0)	0.97 J	1.6 J	ND(25)	
	07/12/2011	ND(1.0)	0.53 J	ND(1.0)	0.46 J	0.99	64.6	0.31 J	1.2 J	3.3 J	ND(25)	
	07/18/2011	0.28 J	ND(1.0)	ND(1.0)	ND(1.0)	0.28	24.6	ND(5.0)	0.57 J	0.99 J	ND(25)	
MW-171(0-100)	05/13/2009	94.9	635	496	2740	3966	1490	6.6 J	26.8 J	135	ND(250)	
	05/21/2009	89.9	658	477	3160	4385	1210	6.3 J	24.9 J	127	ND(250)	
MW-171(0-130)	05/13/2009	91.3	532	452	2140	3215	1090	6.5 J	26.8 J	136	ND(250)	
	05/21/2009	67.2	354	83.7	2220	2725	1170	5.8 J	22.8 J	119	ND(250)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
V-171C(128-138)43\	08/20/2010	0.25 J	ND(1.0)	ND(1.0)	ND(1.0)	0.25	13.7	ND(5.0)	0.45 J	0.78 J	ND(25)	
V-171C(145-155)46\	08/23/2010	0.75 J	2.7	NA	0.68 J	4.1	59.1	NA	1.3 J	3.8 J	ND(25)	
V-171C(159-169)48\	08/24/2010	0.32 J	1.9	ND(1.0)	ND(1.0)	2.2	17.9	ND(5.0)	0.55 J	1.1 J	ND(25)	
V-171C(223-233)59\	08/25/2010	0.31 J	1.0	ND(1.0)	ND(1.0)	1.3	11.9	ND(5.0)	0.34 J	0.73 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171C(HS-D)	05/27/2010	ND(1.0)	0.31 J	ND(1.0)	ND(1.0)	0.31	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/04/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.73 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/03/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/17/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/31/2010	0.23 J	1.1	ND(1.0)	ND(1.0)	1.3	13.3	ND(5.0)	0.32 J	0.72 J	ND(25)	
	09/14/2010	ND(1.0)	0.94 J	ND(1.0)	ND(1.0)	0.94	10.5	ND(5.0)	0.37 J	ND(5.0)	ND(25)	
	09/28/2010	ND(1.0)	0.82 J	ND(1.0)	ND(1.0)	0.82	12.1	ND(5.0)	ND(5.0)	0.61 J	ND(25)	
	10/12/2010	ND(1.0)	0.75 J	ND(1.0)	ND(1.0)	0.75	16.2	ND(5.0)	0.63 J	0.82 J	ND(25)	
	10/26/2010	ND(1.0)	0.59 J	ND(1.0)	ND(1.0)	0.59	11.6	ND(5.0)	0.46 J	0.60 J	ND(25)	
	11/09/2010	0.23 J	0.84 J	ND(1.0)	ND(1.0)	1.07	13.5	ND(5.0)	0.51 J	ND(5.0)	ND(25)	
	11/23/2010	ND(1.0)	0.69 J	ND(1.0)	ND(1.0)	0.69	12.6	ND(5.0)	0.50 J	ND(5.0)	ND(25)	
	12/07/2010	ND(1.0)	0.75 J	ND(1.0)	ND(1.0)	0.75	10.6	ND(5.0)	0.38 J	ND(5.0)	ND(25)	
	12/21/2010	ND(1.0)	0.81 J	ND(1.0)	ND(1.0)	0.81	11.1	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/04/2011	ND(1.0)	0.68 J	ND(1.0)	ND(1.0)	0.68	12.0	ND(5.0)	0.46 J	ND(5.0)	ND(25)	
	01/17/2011	ND(1.0)	0.72 J	ND(1.0)	ND(1.0)	0.72	12.0	ND(5.0)	0.56 J	0.77 J	ND(25)	
	01/27/2011	ND(1.0)	0.66 J	ND(1.0)	ND(1.0)	0.66	11.6	ND(5.0)	0.43 J	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	0.73 J	ND(1.0)	ND(1.0)	0.73	11.4	ND(5.0)	0.50 J	0.59 J	ND(25)	
	03/01/2011	0.24 J	0.71 J	ND(1.0)	ND(1.0)	0.95	12.3	ND(5.0)	0.53 J	0.57 J	ND(25)	
	03/28/2011	0.25 J	0.59 J	ND(1.0)	ND(1.0)	0.84	11.0	ND(5.0)	0.56 J	ND(5.0)	ND(25)	
	04/12/2011	ND(1.0)	0.44 J	ND(1.0)	ND(1.0)	0.44	9.3	ND(5.0)	0.55 J	ND(5.0)	ND(25)	
	04/25/2011	0.27 J	0.50 J	ND(1.0)	ND(1.0)	0.77	10.4	ND(5.0)	0.64 J	ND(5.0)	ND(25)	
	05/10/2011	ND(1.0)	0.46 J	ND(1.0)	ND(1.0)	0.46	9.6	ND(5.0)	0.59 J	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	0.50 J	ND(1.0)	ND(1.0)	0.50	10.3	ND(5.0)	0.69 J	ND(5.0)	ND(25)	
	06/06/2011	0.25 J	0.46 J	ND(1.0)	ND(1.0)	0.71	10.1	ND(5.0)	0.69 J	0.42 J	ND(25)	
	06/21/2011	ND(1.0)	0.45 J	ND(1.0)	ND(1.0)	0.45	10.7	ND(5.0)	0.69 J	ND(5.0)	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171C(HS-D)	07/05/2011	ND(1.0)	0.42 J	ND(1.0)	ND(1.0)	0.42	9.4	ND(5.0)	0.58 J	ND(5.0)	ND(25)	
	07/18/2011	0.24 J	0.41 J	ND(1.0)	ND(1.0)	0.65	10.8	ND(5.0)	0.67 J	0.36 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171C(HS-S)	05/27/2010	ND(1.0)	0.37 J	ND(1.0)	ND(1.0)	0.37	0.68 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/04/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.65 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2010	ND(1.0)	0.34 J	ND(1.0)	ND(1.0)	0.34	3.2	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.8	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.5	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/03/2010	ND(1.0)	ND(1.0)	ND(1.0)	0.27 J	0.27	3.7	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/17/2010	ND(1.0)	0.51 J	ND(1.0)	ND(1.0)	0.51	4.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/31/2010	0.29 J	1.1	ND(1.0)	ND(1.0)	1.4	15.9	ND(5.0)	0.39 J	0.83 J	ND(25)	
	09/14/2010	0.23 J	0.93 J	ND(1.0)	ND(1.0)	1.16	11.3	ND(5.0)	0.37 J	ND(5.0)	ND(25)	
	09/28/2010	ND(1.0)	0.92 J	ND(1.0)	ND(1.0)	0.92	10.8	ND(5.0)	ND(5.0)	0.57 J	ND(25)	
	10/12/2010	ND(1.0)	0.89 J	ND(1.0)	ND(1.0)	0.89	13.6	ND(5.0)	0.54 J	0.73 J	ND(25)	
	10/26/2010	ND(1.0)	0.84 J	ND(1.0)	ND(1.0)	0.84	11.0	ND(5.0)	0.38 J	0.59 J	ND(25)	
	11/09/2010	0.24 J	0.81 J	ND(1.0)	ND(1.0)	1.05	13.5	ND(5.0)	0.52 J	ND(5.0)	ND(25)	
	11/23/2010	ND(1.0)	0.69 J	ND(1.0)	ND(1.0)	0.69	11.1	ND(5.0)	0.42 J	ND(5.0)	ND(25)	
	12/07/2010	ND(1.0)	0.77 J	ND(1.0)	ND(1.0)	0.77	11.6	ND(5.0)	0.44 J	0.59 J	ND(25)	
	12/21/2010	0.29 J	0.91 J	ND(1.0)	ND(1.0)	1.20	14.5	ND(5.0)	0.67 J	0.75 J	ND(25)	
	01/04/2011	ND(1.0)	0.65 J	ND(1.0)	ND(1.0)	0.65	12.0	ND(5.0)	0.47 J	ND(5.0)	ND(25)	
	01/17/2011	ND(1.0)	0.71 J	ND(1.0)	ND(1.0)	0.71	11.9	ND(5.0)	0.55 J	0.73 J	ND(25)	
	01/27/2011	ND(1.0)	0.64 J	ND(1.0)	ND(1.0)	0.64	12.0	ND(5.0)	0.43 J	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	0.68 J	ND(1.0)	ND(1.0)	0.68	11.9	ND(5.0)	0.48 J	0.58 J	ND(25)	
	03/01/2011	ND(1.0)	0.67 J	ND(1.0)	ND(1.0)	0.67	12.1	ND(5.0)	0.57 J	0.59 J	ND(25)	
	03/28/2011	0.25 J	0.60 J	ND(1.0)	ND(1.0)	0.85	10.9	ND(5.0)	0.58 J	ND(5.0)	ND(25)	
	04/12/2011	ND(1.0)	0.46 J	ND(1.0)	ND(1.0)	0.46	9.4	ND(5.0)	0.59 J	ND(5.0)	ND(25)	
	04/25/2011	0.24 J	0.52 J	ND(1.0)	ND(1.0)	0.76	10.8	ND(5.0)	0.57 J	ND(5.0)	ND(25)	
	05/10/2011	ND(1.0)	0.48 J	ND(1.0)	ND(1.0)	0.48	10.1	ND(5.0)	0.65 J	ND(5.0)	ND(25)	
	05/24/2011	ND(1.0)	0.50 J	ND(1.0)	ND(1.0)	0.50	10.4	ND(5.0)	0.63 J	ND(5.0)	ND(25)	
	06/06/2011	0.23 J	0.44 J	ND(1.0)	ND(1.0)	0.67	10.2	ND(5.0)	0.66 J	0.44 J	ND(25)	
	06/21/2011	ND(1.0)	0.42 J	ND(1.0)	ND(1.0)	0.42	11.0	ND(5.0)	0.67 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171C(HS-S)	07/05/2011	ND(1.0)	0.46 J	ND(1.0)	ND(1.0)	0.46	9.6	ND(5.0)	0.63 J	ND(5.0)	ND(25)	
	07/18/2011	ND(1.0)	0.45 J	ND(1.0)	ND(1.0)	0.45	10.8	ND(5.0)	0.57 J	0.42 J	ND(25)	
W-176(125-135)49V	08/10/2010	1.4 J	ND(5.0)	ND(5.0)	4.3 J	5.7	3640	7.9 J	38.3	124	64.6 J	
W-176(150-160)48V	08/11/2010	3.5 J	ND(10)	ND(10)	ND(10)	3.5	10100	23.2 J	111	348	162 J	
W-176(164-174)51V	08/12/2010	3.9 J	ND(10)	ND(10)	ND(10)	3.9	10000	23.3 J	111	364	142 J	
W-176(182-192)47V	08/13/2010	5.1	0.81 J	ND(1.0)	ND(1.0)	5.9	12200	32.6	143	387	178	
W-176(209-219)52V	08/16/2010	ND(25)	ND(25)	ND(25)	ND(25)	BRL	13300	32.3 J	144	405	ND(630)	
W-176(233-243)62V	08/17/2010	7.0 J	ND(25)	ND(25)	ND(25)	7.0	14300	33.7 J	151	423	ND(630)	
MW-176(HS-D)	05/27/2010	27.4	1.9 J	ND(5.0)	ND(5.0)	29.3	2850	9.3 J	37.3	88.2	260	
	06/04/2010	12.4	ND(5.0)	ND(5.0)	ND(5.0)	12.4	2650	5.5 J	26.6	79.1	ND(130)	
	06/11/2010	4.1 J	ND(10)	ND(10)	ND(10)	4.1	5510	13.7 J	56.4	166	ND(250)	
	06/17/2010	ND(10)	ND(10)	ND(10)	ND(10)	BRL	7260	16.4 J	67.3	196	ND(250)	
	06/22/2010	ND(50)	ND(50)	ND(50)	ND(50)	BRL	14300	45.8 J	168 J	458	ND(1300)	
	06/29/2010	ND(20)	ND(20)	ND(20)	ND(20)	BRL	13900	34.4 J	174	488	ND(500)	
	07/06/2010	ND(100)	ND(100)	ND(100)	ND(100)	BRL	11500	36.5 J	132 J	361 J	ND(2500)	
	07/13/2010	ND(25)	ND(25)	ND(25)	ND(25)	BRL	11000	27.3 J	121 J	342	221 J	
	07/20/2010	ND(25)	ND(25)	ND(25)	ND(25)	BRL	13300	32.6 J	137	371	ND(630)	
	07/27/2010	ND(50)	ND(50)	ND(50)	ND(50)	BRL	14600	40.0 J	175 J	488	ND(1300)	
	08/03/2010	ND(20)	ND(20)	ND(20)	ND(20)	BRL	9960	23.7 J	112	366	ND(500)	
	08/24/2010	ND(20)	ND(20)	ND(20)	ND(20)	BRL	8290	22.0 J	89.5 J	251	ND(500)	
	08/31/2010	3.7 J	ND(10)	ND(10)	ND(10)	3.7	10200	25.3 J	115	337	220 J	
	09/07/2010	ND(20)	ND(20)	ND(20)	ND(20)	BRL	8100	21.3 J	92.0 J	255	ND(500)	
	09/14/2010	ND(20)	ND(20)	ND(20)	ND(20)	BRL	13400	26.9 J	128	432	ND(500)	
	09/21/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	7840	20.3 J	85.4	277	312	
	09/28/2010	ND(20)	ND(20)	ND(20)	ND(20)	BRL	9470	22.2 J	101	326	ND(500)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-176(HS-S)	05/27/2010	28.3	ND(5.0)	ND(5.0)	ND(5.0)	28.3	2750	8.1 J	32.5	82.3	ND(130)	
	06/04/2010	10.1	ND(10)	ND(10)	ND(10)	10.1	3930	8.2 J	39.2 J	118	ND(250)	
	06/11/2010	ND(10)	ND(10)	ND(10)	ND(10)	BRL	7410	19.0 J	77.8	231	ND(250)	
	06/17/2010	3.8 J	ND(10)	ND(10)	ND(10)	3.8	7080	14.8 J	64.5	191	ND(250)	
	06/22/2010	ND(50)	ND(50)	ND(50)	ND(50)	BRL	14100	45.2 J	179 J	469	ND(1300)	
	06/29/2010	ND(10)	4.1 J	ND(10)	ND(10)	4.1	12800	29.6 J	149	402	ND(250)	
	07/06/2010	ND(25)	ND(25)	ND(25)	ND(25)	BRL	11300	31.9 J	124 J	333	273 J	
	07/13/2010	ND(25)	ND(25)	ND(25)	ND(25)	BRL	12300	33.0 J	141	398	270 J	
	07/20/2010	ND(25)	ND(25)	ND(25)	ND(25)	BRL	13100	ND(130)	141	383	ND(630)	
	07/27/2010	ND(50)	ND(50)	ND(50)	ND(50)	BRL	14500	37.9 J	168 J	484	ND(1300)	
	08/03/2010	ND(20)	ND(20)	ND(20)	ND(20)	BRL	7150	17.3 J	78.8 J	249	ND(500)	
	08/24/2010	1.7 J	ND(5.0)	ND(5.0)	3.3 J	5.0	4870	8.3 J	35.8	102	ND(130)	
	08/31/2010	1.4 J	ND(5.0)	ND(5.0)	ND(5.0)	1.4	3760	8.9 J	38.0	110	64.5 J	
	09/07/2010	ND(10)	ND(10)	ND(10)	ND(10)	BRL	2430	6.3 J	25.6 J	77.3	ND(250)	
	09/14/2010	ND(10)	ND(10)	ND(10)	ND(10)	BRL	4130	13.3 J	56.3	152	1280	
	09/21/2010	0.58 J	ND(1.0)	ND(1.0)	ND(1.0)	0.58	1630	6.5	26.5	83.9	111	
	09/28/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	3180	7.2 J	33.7	112	ND(130)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-176[R]	10/07/2010	0.30 J	ND(1.0)	1.1	4.9	6.3	384	0.88 J	4.3 J	14.0	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	0.55 J	2.4	3.0	709	1.7 J	7.2	19.4	26.5	
	10/18/2010	0.70 J	ND(1.0)	0.82 J	4.0	5.5	384	1.1 J	4.3 J	11.9	ND(25)	
	10/26/2010	0.47 J	ND(1.0)	0.40 J	1.9	2.8	412	1.0 J	4.4 J	12.2	ND(25)	
	11/02/2010	0.48 J	ND(1.0)	0.64 J	3.0	4.1	388	1.1 J	4.6 J	12.7	ND(25)	
	11/09/2010	0.46 J	ND(1.0)	0.52 J	2.4	3.4	250	0.80 J	3.4 J	10.2	ND(25)	
	11/16/2010	ND(1.0)	ND(1.0)	0.52 J	2.5	3.0	232	0.65 J	2.8 J	7.9	ND(25)	
	11/23/2010	ND(1.0)	ND(1.0)	0.47 J	2.2	2.7	181	0.51 J	2.2 J	6.4	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	0.71 J	2.9	3.6	191	0.55 J	2.2 J	6.0	ND(25)	
	12/07/2010	ND(1.0)	ND(1.0)	0.74 J	4.8	5.5	209	0.58 J	2.5 J	6.4	ND(25)	
	12/14/2010	0.38 J	0.81 J	0.28 J	1.3	2.8	93.7	ND(5.0)	1.4 J	4.1 J	ND(25)	
	12/21/2010	ND(1.0)	ND(1.0)	0.45 J	2.0	2.5	60.3	ND(5.0)	0.83 J	2.5 J	ND(25)	
	12/29/2010	ND(1.0)	ND(1.0)	0.47 J	2.2	2.7	51.9	ND(5.0)	0.67 J	1.9 J	ND(25)	
	01/04/2011	ND(1.0)	ND(1.0)	0.40 J	1.8	2.2	53.3	ND(5.0)	0.87 J	2.3 J	ND(25)	
	01/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	200	1.2 J	4.1 J	6.9	ND(25)	
	01/17/2011	ND(1.0)	ND(1.0)	0.35 J	1.4	1.8	59.2	ND(5.0)	0.84 J	1.9 J	ND(25)	
	01/24/2011	0.88 J	ND(1.0)	ND(1.0)	ND(1.0)	0.88	1040	3.0 J	11.7	41.4	ND(25)	
	02/04/2011	ND(1.0)	ND(1.0)	0.41 J	2.0	2.4	133	0.36 J	1.7 J	4.3 J	ND(25)	
	02/08/2011	ND(1.0)	ND(1.0)	0.42 J	1.8	2.2	322	0.88 J	3.7 J	9.3	ND(25)	
	02/09/2011	ND(1.0)	ND(1.0)	0.39 J	1.7	2.1	438	0.97 J	4.7 J	12.1	ND(25)	
	02/10/2011	ND(1.0)	ND(1.0)	0.39 J	1.5	1.9	359	0.82 J	4.1 J	11.0	ND(25)	
	02/11/2011	ND(1.0)	ND(1.0)	0.33 J	1.6	1.9	296	0.84 J	3.6 J	9.1	ND(25)	
	02/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.93 J	0.93	451	1.2 J	5.0	14.0	158	
	02/15/2011	ND(1.0)	ND(1.0)	0.32 J	1.4	1.7	272	0.70 J	3.0 J	8.3	ND(25)	
	02/16/2011	1.1	ND(1.0)	ND(1.0)	1.1	2.2	2050	6.1	25.5	60.8	ND(25)	
	02/17/2011	1.1	ND(1.0)	0.34 J	1.3	2.7	2180	6.4	26.8	66.5	ND(25)	
	02/18/2011	1.3 J	ND(5.0)	ND(5.0)	ND(5.0)	1.3	2520	6.4 J	27.2	67.8	ND(130)	
	02/21/2011	6.2	ND(2.0)	ND(2.0)	ND(2.0)	6.2	3290	8.1 J	35.2	104	ND(50)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-176[R]	02/22/2011	6.0	ND(1.0)	0.27 J	1.1	7.4	4910	10	46.5	132	20.6 J	
	03/01/2011	5.8	ND(1.0)	0.31 J	1.1	7.2	323	1.6 J	5.2	20.6	ND(25)	
	03/08/2011	4.1	ND(1.0)	0.33 J	1.2	5.6	188	0.72 J	2.8 J	9.3	ND(25)	
	03/22/2011	1.7	ND(1.0)	ND(1.0)	0.84 J	2.5	105	0.38 J	1.6 J	4.2 J	ND(25)	
	03/29/2011	1.5	ND(1.0)	ND(1.0)	0.95 J	2.5	92.7	ND(5.0)	1.6 J	3.7 J	9.8 J	
	04/05/2011	1.3	ND(1.0)	ND(1.0)	0.89 J	2.2	74.7	ND(5.0)	1.2 J	2.4 J	ND(25)	
	04/12/2011	1.0	ND(1.0)	ND(1.0)	0.82 J	1.8	60.6	ND(5.0)	1.1 J	1.8 J	ND(25)	
	04/19/2011	1.1	ND(1.0)	ND(1.0)	0.77 J	1.9	91.3	ND(5.0)	1.3 J	2.5 J	24.8 J	
	04/26/2011	0.44 J	ND(1.0)	ND(1.0)	0.60 J	1.04	76.5	ND(5.0)	1.3 J	2.3 J	ND(25)	
	05/03/2011	0.50 J	ND(1.0)	ND(1.0)	0.51 J	1.01	63.6	ND(5.0)	1.2 J	1.7 J	ND(25)	
	05/10/2011	0.37 J	ND(1.0)	ND(1.0)	ND(1.0)	0.37	40.5	ND(5.0)	0.92 J	1.0 J	ND(25)	
	05/17/2011	0.34 J	ND(1.0)	ND(1.0)	0.49 J	0.83	44.1	ND(5.0)	0.97 J	1.1 J	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	37.8	ND(5.0)	0.69 J	1.2 J	23.2 J	
	05/31/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	33.3	ND(5.0)	0.88 J	1.0 J	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	36.9	ND(5.0)	0.94 J	1.1 J	ND(25)	
	06/14/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	33.3	ND(5.0)	0.85 J	0.90 J	ND(25)	
	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	41.9	ND(5.0)	0.93 J	0.90 J	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.6	0.38 J	1.2 J	0.39 J	ND(25)	
	07/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.1	ND(5.0)	0.62 J	ND(5.0)	ND(25)	
W-177(125-135)127\	07/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	148	1.7 J	5.2	2.9 J	ND(25)	
W-177(125-135)41V	07/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	184	1.5 J	4.8 J	4.3 J	ND(25)	
W-177(125-135)83V	07/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	154	1.6 J	5.1	3.0 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(130)	05/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	188	1.0 J	3.4 J	6.8	9.3 J	
	06/04/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	91.0	0.44 J	1.9 J	2.9 J	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	118	0.91 J	3.3 J	3.3 J	ND(25)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	167	1.0 J	3.4 J	3.7 J	ND(25)	
	07/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	275	1.1 J	4.9 J	6.9	ND(25)	
	08/17/2010	0.26 J	ND(1.0)	ND(1.0)	ND(1.0)	0.26	59.7	0.46 J	1.5 J	1.4 J	ND(25)	
	08/31/2010	0.89 J	ND(1.0)	ND(1.0)	ND(1.0)	0.89	47.6	0.35 J	1.3 J	1.1 J	ND(25)	
	09/14/2010	0.81 J	ND(1.0)	ND(1.0)	ND(1.0)	0.81	77.5	0.47 J	1.7 J	1.9 J	ND(25)	
	09/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	118	0.73 J	2.7 J	3.3 J	ND(25)	
	10/12/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	50.5	0.44 J	1.7 J	0.89 J	ND(25)	
	10/26/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.9	ND(5.0)	1.0 J	ND(5.0)	ND(25)	
	11/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	20.7	ND(5.0)	0.75 J	ND(5.0)	ND(25)	
	11/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	42.2	ND(5.0)	1.0 J	ND(5.0)	ND(25)	
	12/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	29.4	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	12/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.6	ND(5.0)	1.0 J	ND(5.0)	ND(25)	
	01/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	17.1	ND(5.0)	0.64 J	ND(5.0)	ND(25)	
	01/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	15.3	ND(5.0)	0.62 J	ND(5.0)	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.9	ND(5.0)	0.62 J	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	44.9	0.54 J	1.9 J	0.57 J	ND(25)	
	03/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	84.8	0.64 J	2.4 J	1.2 J	ND(25)	
	03/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	447	1.9 J	7.2	12.2	142	
	04/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	336	1.5 J	5.1	7.5	26.9	
	04/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	62.0	0.70 J	1.8 J	0.98 J	ND(25)	
	05/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	203	1.6 J	5.1	4.2 J	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	39.1	0.48 J	1.5 J	ND(5.0)	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	17.6	0.50 J	1.2 J	ND(5.0)	ND(25)	
	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.9	0.74 J	2.3 J	ND(5.0)	ND(25)	
	07/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	11.3	0.49 J	1.3 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(130)	07/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.8	0.30 J	0.78 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(143)	05/27/2010	0.44 J	ND(1.0)	ND(1.0)	ND(1.0)	0.44	228	1.1 J	3.8 J	7.8	8.9 J	
	06/04/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	231	1.0 J	4.2 J	7.3	ND(25)	
	06/22/2010	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	723	2.9 J	11.5	17.2	ND(25)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	695	2.8 J	11.1	17.4	ND(25)	
	07/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	532	1.8 J	8.0	14.4	ND(25)	
	08/17/2010	2.5	ND(1.0)	ND(1.0)	ND(1.0)	2.5	136	0.81 J	2.7 J	3.5 J	ND(25)	
	08/31/2010	0.77 J	ND(1.0)	ND(1.0)	ND(1.0)	0.77	199	0.92 J	3.4 J	4.9 J	ND(25)	
	09/14/2010	4.4	ND(1.0)	ND(1.0)	ND(1.0)	4.4	344	1.5 J	5.7	10.3	15.2 J	
	09/28/2010	1.7	ND(1.0)	ND(1.0)	ND(1.0)	1.7	305	1.3 J	5.3	8.1	ND(25)	
	10/12/2010	0.41 J	ND(1.0)	ND(1.0)	ND(1.0)	0.41	293	1.8 J	7.0	5.9	ND(25)	
	10/26/2010	0.80 J	ND(1.0)	ND(1.0)	ND(1.0)	0.80	494	2.2 J	9.0	7.9	41.1	
	11/09/2010	0.43 J	ND(1.0)	ND(1.0)	ND(1.0)	0.43	329	1.7 J	6.6	5.5	ND(25)	
	11/23/2010	0.86 J	ND(1.0)	ND(1.0)	ND(1.0)	0.86	387	1.5 J	6.0	4.6 J	ND(25)	
	12/07/2010	0.56 J	ND(1.0)	ND(1.0)	ND(1.0)	0.56	410	1.7 J	6.9	5.9	ND(25)	
	12/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	390	2.2 J	10.8	8.1	98.0	
	01/04/2011	0.30 J	ND(1.0)	ND(1.0)	ND(1.0)	0.30	315	1.4 J	5.7	4.5 J	ND(25)	
	01/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	338	1.9 J	6.7	5.4	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	277	1.3 J	5.3	4.5 J	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	263	1.2 J	5.3	4.7 J	ND(25)	
	03/01/2011	11.0	0.52 J	2.0	0.83 J	14.4	974	3.4 J	14.3	34.1	7.6 J	
	03/28/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	842	2.8 J	11.4	29.5	267	
	04/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	572	2.4 J	9.0	16.5	56.5	
	04/25/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	802	2.9 J	11.2	25.0	ND(25)	
	05/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	486	2.2 J	8.4	12.6	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	171	1.0 J	3.6 J	5.0	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	259	1.5 J	5.2	4.7 J	ND(25)	
	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	159	1.5 J	5.0	2.7 J	95.8	
	07/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	91.0	0.92 J	3.0 J	1.6 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(143)	07/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.7	0.81 J	2.2 J	ND(5.0)	ND(25)	
W-177(139-149)47V	08/02/2010	8.8	1.3 J	ND(2.5)	0.99 J	11.1	1040	5.6 J	18.4	40.2	ND(63)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(220)	05/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	189	1.2 J	4.0 J	4.9 J	4.6 J	
	06/04/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	206	1.2 J	4.5 J	7.2	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	540	2.9 J	10.7	12.4	ND(25)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	652	2.8 J	10.7	16.5	ND(25)	
	07/20/2010	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	813	2.4 J	10.4	19.7	ND(50)	
	08/17/2010	6.2	ND(1.0)	ND(1.0)	ND(1.0)	6.2	970	3.2 J	12.5	26.7	ND(25)	
	08/31/2010	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	858	2.9 J	11.2	17.0	ND(25)	
	09/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	548	2.6 J	9.9	8.4	18.4 J	
	09/28/2010	0.63 J	ND(1.0)	ND(1.0)	ND(1.0)	0.63	465	1.9 J	8.4	7.9	ND(25)	
	10/12/2010	0.48 J	ND(1.0)	ND(1.0)	ND(1.0)	0.48	447	2.4 J	9.4	7.8	ND(25)	
	10/26/2010	0.98 J	ND(1.0)	ND(1.0)	ND(1.0)	0.98	590	2.4 J	9.7	8.6	48.2	
	11/09/2010	0.81 J	ND(1.0)	ND(1.0)	ND(1.0)	0.81	471	2.3 J	9.0	8.0	ND(25)	
	11/23/2010	0.75 J	ND(1.0)	ND(1.0)	ND(1.0)	0.75	483	1.7 J	7.3	5.8	ND(25)	
	12/07/2010	0.80 J	ND(1.0)	ND(1.0)	ND(1.0)	0.80	436	1.9 J	7.3	6.2	ND(25)	
	12/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	463	2.5 J	9.4	6.4	187	
	01/04/2011	0.35 J	ND(1.0)	ND(1.0)	ND(1.0)	0.35	365	1.6 J	6.4	5.2	ND(25)	
	01/17/2011	0.35 J	ND(1.0)	ND(1.0)	ND(1.0)	0.35	386	2.0 J	7.4	6.1	ND(25)	
	01/27/2011	0.30 J	ND(1.0)	ND(1.0)	ND(1.0)	0.30	315	1.5 J	5.9	5.1	ND(25)	
	02/03/2011	0.29 J	ND(1.0)	ND(1.0)	ND(1.0)	0.29	311	1.4 J	6.0	5.6	ND(25)	
	03/01/2011	9.3	0.41 J	1.9	0.94 J	12.6	882	3.0 J	13.0	29.2	5.4 J	
	03/28/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	1000	3.3 J	13.3	35.1	321	
	04/12/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	818	2.2 J	10.9	29.1	ND(50)	
	04/25/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	877	2.7 J	10.9	26.5	ND(50)	
	05/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	748	2.9 J	11.4	25.9	17.8 J	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	707	2.4 J	9.8	25.8	ND(25)	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	665	2.3 J	9.2	21.2	ND(25)	
	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	810	3.1 J	11.9	24.0	454	
	07/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	539	1.9 J	7.6	19.0	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(220)	07/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	522	2.0 J	7.8	17.9	ND(25)	
W-177(215-225)59V	08/03/2010	3.1	ND(2.5)	ND(2.5)	ND(2.5)	3.1	1090	3.6 J	15.0	35.6	ND(63)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(228)	05/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	195	1.2 J	3.9 J	4.8 J	5.5 J	
	06/04/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	212	1.2 J	4.6 J	7.1	ND(25)	
	06/22/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	578	ND(25)	10.9 J	13.9 J	ND(130)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	665	2.8 J	11.0	17.0	ND(25)	
	07/20/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	589	2.0 J	8.8	15.7	ND(25)	
	08/17/2010	5.7	ND(1.0)	ND(1.0)	ND(1.0)	5.7	972	3.1 J	12.3	26.1	ND(25)	
	08/31/2010	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	828	2.9 J	11.6	16.9	ND(25)	
	09/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	512	2.4 J	9.6	8.2	22.6 J	
	09/28/2010	0.68 J	ND(1.0)	ND(1.0)	ND(1.0)	0.68	470	2.0 J	8.8	8.0	ND(25)	
	10/12/2010	0.44 J	ND(1.0)	ND(1.0)	ND(1.0)	0.44	331	1.6 J	6.5	5.2	ND(25)	
	10/26/2010	0.77 J	ND(1.0)	ND(1.0)	ND(1.0)	0.77	512	2.4 J	9.4	8.4	ND(25)	
	11/09/2010	0.88 J	ND(1.0)	ND(1.0)	ND(1.0)	0.88	502	2.1 J	9.0	7.9	31.2	
	11/23/2010	0.79 J	ND(1.0)	ND(1.0)	ND(1.0)	0.79	541	1.8 J	7.7	6.1	ND(25)	
	12/07/2010	0.94 J	ND(1.0)	ND(1.0)	ND(1.0)	0.94	415	1.8 J	7.1	6.2	ND(25)	
	12/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	513	2.5 J	11.0	8.0	131	
	01/04/2011	0.37 J	ND(1.0)	ND(1.0)	ND(1.0)	0.37	372	1.7 J	6.5	5.5	ND(25)	
	01/17/2011	0.50 J	ND(1.0)	ND(1.0)	ND(1.0)	0.50	379	1.6 J	6.2	5.4	ND(25)	
	01/27/2011	0.27 J	ND(1.0)	ND(1.0)	ND(1.0)	0.27	334	1.5 J	5.9	5.1	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	359	1.8 J	6.6	5.4	ND(25)	
	03/01/2011	9.1	0.43 J	1.8	0.78 J	12.1	931	3.0 J	12.8	28.7	ND(25)	
	03/28/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	926	3.1 J	12.6	33.5	318	
	04/12/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	792	2.0 J	10.4	27.8	ND(50)	
	04/25/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	569	1.8 J	7.1 J	16.4	ND(50)	
	05/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	753	2.9 J	11.5	26.2	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	788	2.2 J	9.2	22.9	26.1	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	669	2.4 J	9.5	21.1	ND(25)	
	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	736	3.1 J	11.4	23.4	364	
	07/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	577	1.9 J	7.8	19.0	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(228)	07/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	529	2.0 J	7.5	17.8	ND(25)	
W-177(224-234)62V	08/04/2010	7.5	ND(5.0)	ND(5.0)	ND(5.0)	7.5	1320	3.3 J	13.4 J	30.9	ND(130)	

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Phoenix, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(236)	05/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	216	1.2 J	3.9 J	5.0	6.2 J	
	06/04/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	213	1.2 J	4.4 J	7.0	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	538	2.8 J	10.0	11.4	ND(25)	
	07/06/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	509	2.4 J	8.9	13.2	ND(25)	
	07/20/2010	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	846	2.2 J	9.3 J	19.9	ND(50)	
	08/17/2010	3.9	ND(1.0)	ND(1.0)	ND(1.0)	3.9	771	2.6 J	10.6	23.8	ND(25)	
	08/31/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	820	2.9 J	11.2	16.7	ND(25)	
	09/14/2010	1.0	ND(1.0)	ND(1.0)	ND(1.0)	1.0	304	1.4 J	5.2	4.8 J	ND(25)	
	09/28/2010	0.61 J	ND(1.0)	ND(1.0)	ND(1.0)	0.61	476	2.0 J	8.9	8.2	ND(25)	
	10/12/2010	0.57 J	ND(1.0)	ND(1.0)	ND(1.0)	0.57	415	2.1 J	8.4	7.0	ND(25)	
	10/26/2010	0.75 J	ND(1.0)	ND(1.0)	ND(1.0)	0.75	538	2.6 J	9.9	8.7	ND(25)	
	11/09/2010	0.64 J	ND(1.0)	ND(1.0)	ND(1.0)	0.64	475	2.2 J	9.0	8.0	30.4	
	11/23/2010	0.79 J	ND(1.0)	ND(1.0)	ND(1.0)	0.79	448	2.1 J	8.0	6.8	ND(25)	
	12/07/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	394	1.8 J	7.4	7.0	ND(25)	
	12/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	475	2.5 J	10.8	7.8	140	
	01/04/2011	0.38 J	ND(1.0)	ND(1.0)	ND(1.0)	0.38	382	1.7 J	6.6	5.6	ND(25)	
	01/17/2011	0.42 J	ND(1.0)	ND(1.0)	ND(1.0)	0.42	320	1.5 J	5.8	5.0	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	364	1.6 J	6.2	5.1	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	359	1.5 J	6.3	5.1	ND(25)	
	03/01/2011	9.7	0.40 J	1.8	0.67 J	12.6	998	3.4 J	13.1	30.0	12.4 J	
	03/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1070	3.5 J	14.0	37.8	326	
	04/12/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	833	2.3 J	10.9	29.9	ND(50)	
	04/25/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	BRL	853	2.7 J	10.4	25.5	ND(50)	
	05/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	733	2.9 J	11.2	25.9	ND(25)	
	05/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	752	2.0 J	8.6	21.5	31.6	
	06/06/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	569	2.2 J	8.8	19.7	ND(25)	
	06/21/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	825	2.8 J	11.0	23.1	363	
	07/05/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	504	1.5 J	7.1	17.7	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(236)	07/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	401	1.7 J	6.1	13.7	ND(25)	
W-177(235-245)69V	08/06/2010	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	BRL	1530	6.8 J	18.9 J	38.9	ND(130)	
MW-178A	10/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	0.40 J	ND(5.0)	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/29/2010	ND(1.0)	0.41 J	ND(1.0)	1.2	1.6	0.54 J	0.36 J	0.72 J	ND(5.0)	ND(25)	
	01/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	0.45 J	0.75 J	ND(5.0)	ND(25)	
	02/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.38 J	0.51 J	0.76 J	ND(5.0)	ND(25)	
	03/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	0.33 J	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	0.25 J	ND(5.0)	ND(25)	
MW-178B	10/18/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.9	0.72 J	1.4 J	1.1 J	ND(25)	
	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.9	1.3 J	2.5 J	ND(5.0)	ND(25)	
	12/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.6	1.4 J	2.6 J	ND(5.0)	ND(25)	
	01/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	11.8	2.3 J	4.0 J	ND(5.0)	ND(25)	
	02/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	18.8	2.1 J	3.2 J	0.68 J	ND(25)	
	03/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.1	2.2 J	3.8 J	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.5	1.5 J	2.5 J	ND(5.0)	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.5	1.5 J	2.3 J	ND(5.0)	ND(25)	
	06/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.9	1.2 J	2.0 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-178C [R]	11/01/2010	308	539	41.3 J	230	1118	27000	59.0 J	255	1000	ND(1300)	
	12/30/2010	50.3	44.9	4.6 J	25.6	125.4	5300	10.5 J	48.1	172	208	
	01/04/2011	262	319	22.8	111	715	21600	65.0	260	911	339	
	01/11/2011	439	593	46.8 J	205	1284	35800	98.4 J	395	1320	ND(1300)	
	01/17/2011	453	690	55.1	229	1427	35000	90.6 J	374	1390	ND(1300)	
	01/24/2011	449	683	57.6	211	1401	35100	87.5 J	373	1450	ND(1300)	
	03/01/2011	685	883	86.9	301	1956	46700	129 J	495	1760	ND(630)	
	03/08/2011	582	839	85.4 J	301	1807	44700	110 J	440 J	1670	ND(2500)	
	03/22/2011	521	744	85.2 J	302	1652	34300	85.7 J	380 J	1470	7430	
	03/29/2011	552	796	88.4	318	1754	51800	121	499	1950	453	
	04/05/2011	678	832	108	356	1974	49000	116 J	481 J	1870	ND(2500)	
	04/12/2011	679	795	113	342	1929	49500	115 J	481 J	1910	ND(2500)	
	04/19/2011	1060	1230	126 J	409	2825	59200	103 J	588 J	3230	ND(5000)	
	04/26/2011	622	758	106	345	1831	43500	110 J	427	1820	995 J	
	05/03/2011	607	702	108	346	1763	46300	89.7 J	405 J	1920	6480	
	05/10/2011	664	762	107	346	1879	41700	100 J	429 J	1900	ND(2500)	
	05/17/2011	648	778	105	347	1878	49400	122 J	526	2070	11000	
	05/24/2011	62.1	37.1	ND(25)	ND(25)	99.2	30000	65.8 J	287	1250	10600	
	05/31/2011	358	537	64.6	256	1216	7150	24.7 J	94.9	482	ND(250)	
	06/07/2011	151	167	18.3 J	67.7	404	43700	108 J	448	1880	3660	
	06/14/2011	708	947	114	386	2155	46600	109 J	477	2060	3080	
	06/21/2011	665	931	105	374	2075	52100	116 J	548	2370	4030	
	06/28/2011	661	1010	95.6	349	2116	44200	102 J	474	2270	ND(1300)	
	07/05/2011	606	958	109	334	2007	46800	97.1 J	505	2390	2350 J	
	07/12/2011	191	282	20.8	83.1	577	6640	19.0 J	76.6	337	646	
	07/18/2011	394	483	45.3	154	1076	48500	96.1	403	1640	563	
MW-178C(146)	12/21/2010	167	257	5.5 J	77.4	507	12200	33.7 J	145	375	3990	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-178C(168)	12/21/2010	621	1090	ND(50)	321	2032	43200	108 J	428	1610	ND(1300)	
MW-178C(212)	12/21/2010	389	719	7.2 J	268	1383	25500	61.6	264	917	246 J	
MW-178C(300)	12/21/2010	379	724	ND(25)	227	1330	25000	60.9 J	243	908	ND(630)	
MW-178C(HS-D)	11/16/2010	737	1280	39.1	454	2510	55000	120	536	1930	3220	
	11/23/2010	726	1320	26.8 J	552	2625	49400	110 J	487	1720	2600	
	11/29/2010	568	1070	ND(50)	438	2076	31700	79.0 J	358	1430	892 J	
	12/06/2010	270	247	ND(50)	74.3	591	49000	121 J	570	2350	976 J	
	12/14/2010	611	807	ND(50)	225	1643	49600	131 J	506	1500	717 J	
	12/20/2010	609	1030	ND(100)	353	1992	40300	92.6 J	422 J	1420	ND(2500)	
	02/04/2011	1720	3380	361	1290	6751	93700	254 J	1080	4280	ND(5000)	
	02/15/2011	1450	2360	212	682	4704	78300	202 J	863 J	3490	ND(5000)	
	02/22/2011	1830	2870	300	993	5993	73700	308 J	1090	4390	ND(5000)	
MW-178C(HS-S)	11/16/2010	710	1220	35.3	412	2377	55700	120	542	1930	3150	
	11/23/2010	743	1370	29.9 J	594	2737	50300	115 J	526	1940	2530	
	11/29/2010	710	1320	ND(100)	536	2566	41100	105 J	502	1850	2080 J	
	12/06/2010	292	275	ND(100)	76.9 J	644	54500	132 J	614	2540	ND(2500)	
	12/14/2010	504	637	ND(50)	153	1294	40400	106 J	406	1220	532 J	
	12/20/2010	416	705	7.2 J	246	1374	28100	62.7 J	286	982	290 J	
	02/04/2011	1380	2690	320	1110	5500	76400	204 J	862 J	3440	ND(5000)	
	02/15/2011	1680	3040	325	1160	6205	96400	246 J	1050	4050	ND(5000)	
	02/22/2011	1830	2920	315	1020	6085	83000	277 J	1050	4320	ND(5000)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-179A	10/15/2010	2.0	4.6	ND(1.0)	430	437	103	ND(5.0)	1.2 J	4.6 J	ND(25)	
	11/29/2010	0.54 J	2.4	2.7	93.2	98.8	98.7	ND(5.0)	1.2 J	5.2	ND(25)	
	12/29/2010	0.85 J	4.0	0.56 J	149	154	75.4	ND(5.0)	0.76 J	3.7 J	ND(25)	
	01/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.67 J	0.67	62.1	ND(5.0)	0.48 J	3.2 J	ND(25)	
	02/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	31.1	ND(5.0)	ND(5.0)	1.4 J	ND(25)	
	03/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2	39.2	ND(5.0)	0.22 J	1.2 J	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	108	ND(5.0)	0.69 J	4.9 J	ND(25)	
	05/23/2011	ND(1.0)	147	235	2130	2512	34.7	ND(5.0)	0.30 J	2.0 J	ND(25)	
	06/22/2011	ND(20)	264	1140	5770	7174	ND(20)	ND(100)	ND(100)	ND(100)	ND(500)	
	07/18/2011	ND(1.0)	5.3	10.7	94.9	110.9	62.4	0.31 J	0.66 J	2.7 J	ND(25)	
MW-179C	11/02/2010	0.69 J	3.1	0.51 J	2.9	7.2	83.0	ND(5.0)	4.6 J	2.5 J	ND(25)	
MW-179C(HS-D)	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	97.4	ND(5.0)	6.2	2.6 J	ND(25)	
	12/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	102	ND(5.0)	6.9	2.5 J	ND(25)	
	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	105	ND(5.0)	8.2	1.7 J	ND(25)	
	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	0.39 J	0.39	93.2	ND(5.0)	8.0	1.7 J	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	102	ND(5.0)	10.0	1.6 J	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	81.9	ND(5.0)	7.3	1.2 J	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	85.7	ND(5.0)	8.1	1.2 J	ND(25)	
	06/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	89.6	ND(5.0)	8.3	1.1 J	ND(25)	
MW-179C(HS-S)	11/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	95.6	ND(5.0)	6.1	2.6 J	ND(25)	
	12/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	105	ND(5.0)	7.9	2.6 J	ND(25)	
	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	110	ND(5.0)	9.1	2.0 J	ND(25)	
	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	99.2	ND(5.0)	8.1	1.9 J	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	113	ND(5.0)	11.4	1.9 J	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	94.7	ND(5.0)	11.5	1.6 J	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	91.3	ND(5.0)	10.5	1.3 J	ND(25)	
	06/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	94.1	ND(5.0)	11.7	1.2 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-180A	10/25/2010	0.75 J	ND(1.0)	ND(1.0)	0.41 J	1.16	47.2	0.76 J	1.6 J	3.5 J	ND(25)	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	45.0	0.88 J	1.6 J	3.2 J	ND(25)	
	12/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.1	0.55 J	1.1 J	ND(5.0)	ND(25)	
	01/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.4	0.70 J	1.2 J	ND(5.0)	ND(25)	
	02/17/2011	0.33 J	0.51 J	ND(1.0)	0.65 J	1.49	10.4	1.0 J	1.8 J	ND(5.0)	ND(25)	
	03/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.1	0.78 J	1.6 J	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.74 J	0.70 J	1.3 J	ND(5.0)	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.6	0.59 J	0.89 J	ND(5.0)	ND(25)	
	06/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.90 J	0.41 J	0.65 J	ND(5.0)	ND(25)	
MW-180C	12/01/2010	ND(1.0)	4.7	ND(1.0)	ND(1.0)	4.7	27.9	ND(5.0)	ND(5.0)	1.3 J	ND(25)	
MW-180C(HS-D)	12/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	27.6	ND(5.0)	0.27 J	1.5 J	ND(25)	
	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.0	ND(5.0)	0.33 J	1.5 J	ND(25)	
	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.9	ND(5.0)	0.28 J	1.3 J	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	22.0	ND(5.0)	0.34 J	0.90 J	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	21.2	ND(5.0)	0.33 J	0.94 J	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	22.4	ND(5.0)	0.31 J	0.88 J	ND(25)	
	06/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.6	ND(5.0)	0.32 J	0.97 J	ND(25)	
MW-180C(HS-S)	12/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	27.7	ND(5.0)	0.31 J	1.4 J	ND(25)	
	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	30.7	ND(5.0)	0.33 J	1.4 J	ND(25)	
	02/04/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	25.2	ND(5.0)	0.27 J	1.4 J	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	23.3	ND(5.0)	0.30 J	1.0 J	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	22.1	ND(5.0)	0.38 J	1.0 J	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	22.4	ND(5.0)	0.32 J	0.96 J	ND(25)	
	06/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.4	ND(5.0)	0.33 J	1.0 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-181A	11/04/2010	332	3480	1020	5370	10202	2330	8.0 J	21.2 J	295	ND(500)	
	11/30/2010	384	2830	560	5170	8944	3140	11.5 J	27.6 J	338	ND(500)	
	12/30/2010	276	1710	358	4160	6504	2440	8.2 J	20.5 J	263	120 J	
	01/21/2011	264	2740	697	3410	7111	1710	8.0 J	19.7 J	248	ND(250)	
	02/17/2011	316	2500	684	4520	8020	2500	10.3 J	ND(100)	261	ND(500)	
	03/24/2011	31.5	358	131	913	1434	401	1.2 J	3.1 J	33.5	12.2 J	
	04/28/2011	104	855	200	1300	2459	671	3.0 J	6.8	72.5	31.8	
	05/26/2011	126	547	95.3	1520	2288	1020	3.9 J	9.3	123	32.3	
	06/23/2011	85.4	198	31.7	660	975	758	2.8 J	6.3 J	73.5	77.5	
MW-181B	11/15/2010	0.85 J	ND(2.0)	ND(2.0)	ND(2.0)	0.85	1610	3.9 J	16.7	98.1	120	
	11/30/2010	ND(2.0)	0.92 J	ND(2.0)	0.67 J	1.59	2100	5.6 J	22.6	122	50.7	
	01/21/2011	ND(5.0)	ND(5.0)	ND(5.0)	1.5 J	1.5	1900	5.5 J	22.2 J	132	ND(130)	
	02/15/2011	3.2 J	ND(5.0)	ND(5.0)	4.1 J	7.3	2550	8.0 J	26.9	147	ND(130)	
	03/24/2011	7.0	1.3	0.49 J	11.9	20.7	2550	8.6	33.0	175	7.4 J	
	04/28/2011	21.5	ND(5.0)	ND(5.0)	19.1	40.6	2890	12.0 J	42.4	256	65.5 J	
	05/26/2011	45.6	ND(5.0)	ND(5.0)	43.2	88.8	2660	8.6 J	32.5	236	35.7 J	
	06/23/2011	5.0	ND(5.0)	ND(5.0)	3.5 J	8.5	2120	7.0 J	26.4	150	150	
MW-181C	12/01/2010	ND(1.0)	4.0	ND(1.0)	ND(1.0)	4.0	70.4	ND(5.0)	0.51 J	5.5	ND(25)	
MW-181C(HS-D)	12/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	120	ND(5.0)	1.0 J	9.7	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	112	ND(5.0)	1.0 J	7.5	ND(25)	
	02/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	35.8	0.36 J	1.1 J	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.5	ND(5.0)	1.0 J	ND(5.0)	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.9	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.8	0.31 J	1.0 J	ND(5.0)	ND(25)	
	06/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.3	0.36 J	1.1 J	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-181C(HS-S)	12/30/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	115	ND(5.0)	0.97 J	9.0	ND(25)	
	01/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	134	ND(5.0)	1.1 J	8.2	ND(25)	
	02/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	26.2	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	03/29/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.0	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	04/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.3	ND(5.0)	1.1 J	ND(5.0)	ND(25)	
	05/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.4	0.31 J	1.0 J	ND(5.0)	ND(25)	
	06/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	8.1	0.33 J	1.1 J	0.36 J	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-3501	07/14/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.18 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	07/20/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	07/27/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.26 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	08/02/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.18 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	08/10/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	08/22/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.20 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	09/01/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.19 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	11/16/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	12/22/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	01/19/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	7.9	
	02/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/15/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	04/12/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	05/15/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	06/08/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	07/24/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.089 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	08/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	09/17/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.38 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	10/17/2007	0.086 J	0.68	ND(0.50)	ND(0.50)	0.77	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	11/01/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.15 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	12/11/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	01/14/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	02/26/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	05/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.39 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/25/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/11/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/26/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.0	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-3501	09/14/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/22/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/10/2010	ND(1.0)	2.4	ND(1.0)	ND(1.0)	2.4	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/23/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.85 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/21/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/15/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	10/28/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/10/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	11/29/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/13/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	01/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/24/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/08/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/23/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	04/27/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	05/26/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	07/07/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-3501(56-57.5)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-3501(69-70.5)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-3501(88.5)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	0.16 J	ND(1.0)	ND(1.0)	0.16	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-3501(131)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-3501(147-148.5)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-3501(153)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-3501(220)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-3501(290)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-14311	11/16/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	12/22/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	01/18/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	02/22/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	03/16/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	04/12/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	05/15/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	06/07/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	07/25/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	08/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	09/17/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	10/16/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	11/07/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/11/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	01/14/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	02/26/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)	
	05/21/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	08/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/11/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/12/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/23/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/24/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/09/2009	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	03/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/09/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	09/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	12/14/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

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Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-14311(38.5-40)	01/28/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/03/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-14311(49-51)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.37 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-14311(59-61)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.34 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
W-14311(110.5-113)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.29 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-14311(117)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.34 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-14311(136)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.33 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-14311(155.5)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.34 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-14311(237)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.35 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
PW-14311(280)	01/28/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	02/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	
	06/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.35 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	

Table 4
Near Northeast Area Groundwater Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Notes:

[R] - Indicates the well was used for remediation at the time of reporting.
µg/L - micrograms per liter (parts per billion)
BRL - Below laboratory reporting limits
BTEX - Benzene, toluene, ethylbenzene, and total xylenes
DIPE - di-isopropyl ether
E - Value exceeds calibration range
ETBE - ethyl tert butyl ether
MTBE - methyl tertiary butyl ether
NA - Not analyzed
ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.
NS - Not sampled
PW - Inactive supply well being used as a monitoring/sampling location
TAME - tert-amyl methyl ether
TBA - tert butyl alcohol

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Table 5
Packer Sampling / Fracture Summary
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, Maryland

Well ID	Fracture Depth (ft-toc)	Fracture Elevation (ft-msl)	Aperture (inches)	Strike (deg.)	Dip (deg.)	Comment	Interval (ft-toc)	Max Sample Date	Max MTBE (ug/L)	Max Sample Date	Max Benzene (ug/L)
MW-91C	86.0	499.7	1.8	S84W	14E	Open Fracture	82-92	7/8/2010	8,070	7/8/2010	18.4
MW-91C	97.2	488.5	6.6	N85E	56W	Fracture zone; Fluid conductivity deflection	92-102	7/13/2010	30,000	7/13/2010	58.5
MW-91C	116.8	468.9	2.2	S82E	28E	Open Fracture	115-125	7/14/2010	20,700	7/14/2010	34.4
MW-91C	145.1	440.6	3.8	S38W	23E	Open Fracture; Hydraulic inflection upon recovery	143-153	7/14/2010	29,600	7/14/2010	220
	150.7	435.0	1.6	N87E	43W	Open Fracture					
MW-91C	157.0	428.7	1.1	S81E	56E	Open Fracture	155-165	7/27/2010	18,700	7/19/2010	43.6
	158.5	427.2	4.9	S48E	24E	Open Fracture					
	164.0	421.7	0.8	N65E	41W	Open Fracture					
MW-91C	212.0	373.7	1.8	N79E	18W	Open Fracture	208-218	7/27/2010	17,700	7/27/2010	52.1
MW-91C	230.3	355.4	4.9	N83E	38W	Open Fracture	225-235	7/28/2010	17,200	7/28/2010	62.8
MW-91C	268.1	317.6	1.8	N84E	27W	Open Fracture	261-271	7/28/2010	16,100	7/28/2010	36.6
MW-168	114.9	466.7	0.0	N71E	34W	Open Fractures	110-120	7/22/2010	455	7/22/2010	1.6
	118.3	463.3	0.0	N78E	35W						
MW-168	147.7	433.9	1.3	N83E	28W	Open Fracture	143-153	7/16/2010	2,840	7/16/2010	4.6
MW-168	232.9	348.7	0.0	N36E	59W	Open Fractures	230-240	7/23/2010	1,690	7/23/2010	13
	233.5	348.1	0.0	N79E	59W						
	235.2	346.4	0.0	N61E	49W						
	237.7	343.9	0.0	N20E	30W						
MW-177	130.3	451.0	3.7	S35W	40E	Open Fracture	125-135	7/30/2010	184	7/30/2010	ND
MW-177	143.5	437.8	3.8	N88E	37W	Open Fracture	139-149	8/2/2010	1,040	8/2/2010	8.8
MW-177	218.3	363.0	1.4	N75E	44W	Open Fracture	215-225	8/3/2010	1,090	8/3/2010	3.1
	219.6	361.7	1.3	N67E	61W	Open Fracture					
MW-177	228.9	352.4	6.0	N89E	50W	Open Fracture	224-234	8/4/2010	1,320	8/4/2010	7.5
MW-177	236.4	344.9	1.7	S83E	36E	Open Fracture	235-245	8/6/2010	1,530	8/6/2010	ND
MW-176	130.0	452.7	3.0	S87E	17E	Open Fracture	125-135	8/10/2010	3,640	8/10/2010	1.4 J
MW-176	152.3	430.4	0.0	N82E	32W	Open Fracture	150-160	8/11/2010	10,100	8/11/2010	3.5 J
	158.0	424.7	4.8	S86E	19E	Open Fracture					
	158.4	424.3	2.7	S67E	25E	Open Fracture					
MW-176	169.2	413.5	1.3	S81E	26W	Open Fracture	164-174	8/12/2010	10,000	8/12/2010	3.9 J
MW-176	186.8	395.9	4.4	N67E	32W	Open Fracture	182-192	8/13/2010	12,200	8/13/2010	5.1
MW-176	214.3	368.4	16.8	N86E	18W	Fracture zone	209-219	8/16/2010	13,300	8/16/2010	ND
MW-176	234.4	348.3	7.1	S77E	31E	Fracture zone	233-243	8/17/2010	14,300	8/17/2010	7.0 J
	241.2	341.5	3.1	N90E	21W	Fracture zone					
MW-171C	133.3	448.0	2.2	S89E	27E	Open Fracture; Heat pulse flow meter detection (upward, static and dynamic)	128-138	8/20/2010	13.7	8/20/2010	0.25 J
MW-171C	146.0	435.3	0.0	S64E	22E	Open Fractures	145-155	8/23/2010	59.1	8/23/2010	0.75 J
	148.5	432.8	0.0	S79E	28E						
	151.5	429.8	0.0	N90E	28W						
	153.0	428.3	0.0	N85E	24W						
MW-171C	162.0-167.0	419.3-414.3	40.7	S81E	36E	Fracture zone	159-169	8/24/2010	17.9	8/24/2010	0.32 J
MW-171C	227.7	353.6	0.0	S46E	14E	Heat pulse flow meter detection (upward, static)	223-233	8/25/2010	11.9	8/25/2010	0.31 J

Notes:
ft-msl - feet above mean sea level
ft-toc - feet top of casing
ug/L - micrograms per liter
J - indicates an estimated value

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Table 6
Packer Testing Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Interval	Sample Name on COC	Sample Date	Sample Details	MTBE (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
MW-91C	82'-92'	MW-91C(82-92)_0v1	7/8/2010	0 gallons purged from the 82'-92' packer interval	8,070	18.4	6.1	ND	6.6
MW-91C	82'-92'	MW-91C(82-92)_57v1	7/8/2010	57 gallons purged from the 82'-92' packer interval	5,880	17.0	10.6	ND	7.0
MW-91C	92'-102'	MW-91C(92-102)_39v1	7/13/2010	39 gallons purged from the 92'-102' packer interval	30,000	58.5	55.5	ND	ND
MW-91C	115'-125'	MW-91C(115-125)_44v1	7/14/2010	44 gallons purged from the 115'-125' packer interval	20,700	34.4	ND	ND	ND
MW-91C	143'-153'	MW-91C(143-153)_50v1	7/14/2010	50 gallons purged from the 143'-153' packer interval	22,900	77.1	ND	ND	ND
MW-91C	143'-153'	MW-91C(143-153)_60v1	7/14/2010	60 gallons purged from the 143'-153' packer interval	24,500	110	ND	ND	20.3
MW-91C	143'-153'	MW-91C(143-153)_85v1	7/14/2010	85 gallons purged from the 143'-153' packer interval	29,600	220	19.7	ND	43.7
MW-91C	143'-153'	MW-91C(143-153)_85dup	7/14/2010	***DUPLICATE*** 85 gallons purged from the 143'-153' packer interval	29,000	219	18.8	ND	41.0
MW-91C	155'-165'	MW-91C(155-165)_54v1	7/19/2010	54 gallsons purged from the 155'-165' packer interval	15,800	43.6	8.2	ND	ND
MW-91C	155'-165'	MW-91C(155-165)_64v1	7/27/2010	64 gallons purged from the 155'-165' packer interval	18,700	41.4	9.2 J	ND	ND
MW-91C	208'-218'	MW-91C(208-218)_63v1	7/27/2010	63 gallons purged from the 208'-218' packer interval	17,700	52.1	ND	ND	ND
MW-91C	208'-218'	MW-91C(208-218)_63v1dup	7/27/2010	***DUPLICATE*** 63 gallons purged from the 208'-218' packer interval	20,100	57.7	10.9 J	ND	7.1 J
MW-91C	225'-235'	MW-91C(225-235)_73v1	7/28/2010	73 gallons purged from 225'-235' packer interval	17,200	62.8	ND	ND	ND
MW-91C	261'-271'	MW-91C(261-271)_90v1	7/28/2010	90 gallons purged from the 261'-271' packer interval	15,500	35.6	ND	ND	ND
MW-91C	261'-271'	MW-91C(261-271)_115v1	7/28/2010	115 gallons purged from the 261'-271' packer interval	16,100	36.6	ND	ND	ND
MW-91C	261'-271	MW-91C(261-271)_115v1dup	7/28/2010	***DUPLICATE*** 115 gallons purged from the 261'-271' packer interval	16,400	33.6	ND	ND	ND
MW-168	65-69	MW-168(65-69)	3/12/2009	One sample collected from the 65'-69' packer interval	1,210	17.2	23.8	0.40 J	39.5
MW-168	69-79	MW-168(69-79)	3/12/2009	One sample collected from the 69'-79' packer interval	1,100	17.1	24.6	0.58 J	36.1
MW-168	82-92	MW-168(82-92)	3/12/2009	One sample collected from the 82'-92' packer interval	1,200	16.4	33.8	2.9	49.3
MW-168	229-239	MW-168(229-239)	3/27/2009	One sample collected from the 229'-239' packer interval	1,110	1.2	21.7	ND	2.9
MW-168	110'-120'	MW-168(110-120)_16v1	7/22/2010	16 gallons purged from the 110'-120' packer interval	455	1.6	13.6	0.55 J	2.8
MW-168	143'-153'	MW-168(143-153)_23v1	7/16/2010	23 gallons purged from the 143'-153' packer interval	2,840	4.6	1.8	ND	1.6
MW-168	230'-240'	MW-168(230-240)_42v1	7/23/2010	42 gallons purged from the 230'-240' packer interval	1,690	13	4.2 J	ND	ND
MW-168	230'-240'	MW-168(230-240)_42v1dup	7/23/2010	***DUPLICATE*** 42 gallons purged from the 230'-240' packer interval	1,750	13.1	4.5 J	ND	ND
MW-177	125'-135'	MW-177(125-135)_41v1	7/30/2010	41 gallons purged from the 125'-135' packer interval	184	ND	ND	ND	ND
MW-177	125'-135'	MW-177(125-135)_83v1	7/30/2010	83 gallons purged from the 125'-135' packer interval	154	ND	ND	ND	ND
MW-177	125'-135'	MW-177(125-135)_127v1	7/30/2010	127 gallons purged from the 125'-135' packer interval	148	ND	ND	ND	ND
MW-177	139'-149'	MW-177(139-149)_47v1	8/2/2010	47 gallons purged from the 139'-149' packer interval	1,040	8.8	1.3 J	ND	0.99 J
MW-177	139'-149'	MW-177(139-149)_47v1dup	8/2/2010	**DUPLICATE** 47 gallons purged from the 139'-149' packer interval	1,050	8.6	1.3 J	ND	1.2 J
MW-177	215'-225'	MW-177(215-225)_59v1	8/3/2010	59 gallons purged from the 215'-225' packer interval	1,090	3.1	ND	ND	ND
MW-177	224'-234'	MW-177(224-234)_62v1	8/4/2010	61 gallons purged from the 224'-234' packer interval	1,320	7.5	ND	ND	ND
MW-177	235'-245'	MW-177(235-245)_69v1	8/6/2010	69 gallons purged from the 235'-245' packer interval	1,530	ND	ND	ND	ND
MW-177	235'-245'	MW-177(235-245)_69v1dup	8/6/2010	***DUPLICATE*** 69 gallons purged from the 235'-245' packer interval	1,440	ND	ND	ND	ND
MW-176	125'-135'	MW-176(125-135)_49v1	8/10/2010	49 gallons purged from the 125'-135' packer interval	3,640	1.4 J	ND	ND	4.3 J
MW-176	125'-135'	MW-176(125-135)_49v1dup	8/10/2010	***DUPLICATE*** 49 gallons purged from the 125'-135' packer interval	3,670	1.3 J	ND	ND	ND
MW-176	150'-160'	MW-176(150-160)_48v1	8/11/2010	48 gallons purged from the 150'-160' packer interval	10,100	3.5 J	ND	ND	ND
MW-176	164'-174'	MW-176(164-174)_51v1	8/12/2010	51 gallons purged from the 164'-174' packer interval	10,000	3.9 J	ND	ND	ND
MW-176	164'-174'	MW-176(164-174)_51v1dup	8/12/2010	***DUPLICATE*** 51 gallons purged from the 164'-174' packer interval	10,300	3.6 J	ND	ND	ND
MW-176	182'-192'	MW-176(182-192)_47v1	8/13/2010	47 gallons purged from the 182'192' packer interval	12,200	5.1	0.81 J	ND	ND
MW-176	209'-219'	MW-176(209-219)_52v1	8/16/2010	52 gallons purged from the 209'-219' packer interval	13,300	ND	ND	ND	ND
MW-176	209'-219'	MW-176(209-219)_52v1dup	8/16/2010	***DUPLICATE*** 52 gallons purged from the 209'-219 packer interval	14,100	ND	ND	ND	ND
MW-176	233'-243'	MW-176(233-243)_62v1	8/17/2010	62 gallons purged from the 233'-243' packer interval	14,300	7.0 J	ND	ND	ND
MW-171C	128'-138'	MW-171C(128-138)_43v1	8/20/2010	43 gallons purged from the 128'-138' packer interval	13.7	0.25 J	ND	ND	ND
MW-171C	145'-155'	MW-171C(145-155)_46v1	8/23/2010	46 gallons purged from the 145'-155' packer interval	59.1	0.75 J	2.7	ND	0.68 J
MW-171C	159'-169'	MW-171C(159-169)_48v1	8/24/2010	48 gallons purged from the 159'-169' packer interval	17.9	0.32 J	1.9	ND	ND
MW-171C	159'-169'	MW-171C(159-169)_48v1dup	8/24/2010	***DUPLICATE*** 48 gallons purged from the 159'-169' packer interval	18.9	0.35 J	1.9	ND	0.31 J
MW-171C	223'-233'	MW-171C(223-233)_59v1	8/25/2010	59 gallons purged from the 223'-233' packer interval	11.9	0.31 J	1	ND	ND

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Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L24	3503 Hampshire Glen Ct	3/2/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/18/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/23/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/27/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/30/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/3/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/6/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/11/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/24/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/27/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/1/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/1/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/1/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/8/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/8/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/8/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/15/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/15/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/15/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/22/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/22/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/22/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/31/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/31/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/31/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/5/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/5/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/5/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/12/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/12/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/12/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/19/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/19/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L24	3503 Hampshire Glen Ct	6/19/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/26/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/26/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/26/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/10/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/10/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/10/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/17/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/17/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/17/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/24/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/24/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/24/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/31/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/31/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/31/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/7/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/7/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/7/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/28/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/28/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/28/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/11/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/11/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/11/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/30/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/30/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/30/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/6/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/6/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/6/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/13/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/13/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L24	3503 Hampshire Glen Ct	11/13/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/20/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/20/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/20/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/4/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/4/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/4/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/11/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/11/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/11/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/18/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/18/2006	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/18/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/22/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/22/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/22/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/5/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/5/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/5/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/19/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/19/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/19/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/30/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/30/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/30/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/11/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/11/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/11/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/25/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/25/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/25/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/9/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/9/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
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14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L24	3503 Hampshire Glen Ct	7/9/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/23/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/23/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/23/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/6/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/6/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/6/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/20/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/20/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/20/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/5/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/5/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/5/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/17/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/17/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/17/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/1/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/1/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/1/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/15/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/15/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/15/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/29/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/29/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/29/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/12/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/12/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/12/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/26/2007	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	11/26/2007	PI	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	11/26/2007	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	12/10/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/10/2007	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L24	3503 Hampshire Glen Ct	12/10/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/7/2008	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	1/7/2008	PI	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	1/7/2008	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	2/5/2008	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	2/5/2008	PI	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	2/5/2008	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	3/3/2008	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	3/3/2008	PI	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	3/3/2008	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L24	3503 Hampshire Glen Ct	4/7/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/7/2008	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/7/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/5/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/5/2008	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/5/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/2/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/2/2008	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/2/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/22/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/22/2008	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/22/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/8/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/8/2008	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/8/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/1/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/1/2008	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/1/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/5/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/5/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/5/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	2/2/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	2/2/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L24	3503 Hampshire Glen Ct	2/2/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/4/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/4/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/4/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/6/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/6/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/6/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/4/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/4/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/4/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/1/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/1/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/1/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/6/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/6/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/6/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/3/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/3/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/3/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/31/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/31/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/31/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/5/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/5/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/5/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/2/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/2/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/2/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/7/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/7/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/7/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/4/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/4/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L24	3503 Hampshire Glen Ct	1/4/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	2/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	2/1/2010	PI	0.31 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	2/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/1/2010	PI	0.41 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/5/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/5/2010	PI	0.43 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/5/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/3/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/3/2010	PI	0.20 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/3/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/7/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/7/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/7/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/13/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/13/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	7/13/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/2/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/2/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	8/2/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/13/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/13/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	9/13/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/4/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/4/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	10/4/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/1/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	11/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/6/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	12/6/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L24	3503 Hampshire Glen Ct	12/6/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/3/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/3/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	1/3/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	2/7/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	2/7/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	2/7/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/7/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/7/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	3/7/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/4/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/4/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	4/4/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/2/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/2/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	5/2/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/6/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/6/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L24	3503 Hampshire Glen Ct	6/6/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/3/2006		1.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.23 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/20/2006		2.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.42 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/28/2006		2.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.36 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/31/2006		2.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.35 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/4/2006		2.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.32 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/7/2006		2.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.36 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/11/2006		3.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.46 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/13/2006		3.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.44 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/18/2006		3.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.46 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/21/2006		4.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.55	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/25/2006		5.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.51	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/2/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/2/2006	PI	7.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.52	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/2/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	5/9/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/9/2006	PI	10.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.63	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/9/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/16/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/16/2006	PI	8.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.56	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/16/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/23/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/23/2006	PI	12.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.68	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/23/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/30/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/30/2006	PI	19.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.92	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/30/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/6/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/6/2006	PI	14.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.73	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/6/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/16/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/16/2006	PI	14.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.86	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/16/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/20/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/20/2006	PI	17.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.88	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/20/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/27/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/27/2006	PI	11.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.2	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/27/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/6/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/6/2006	PI	7.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.3	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/6/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/11/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/11/2006	PI	5.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.90	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/11/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/18/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/18/2006	PI	6.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.85	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/18/2006	PM	0.23 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	7/25/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/25/2006	PI	7.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.81	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/25/2006	PM	0.33 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/1/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/1/2006	PI	6.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.89	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/1/2006	PM	0.42 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/15/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/15/2006	PI	4.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.89	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/15/2006	PM	0.95	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/22/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/22/2006	PI	4.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.96	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/22/2006	PM	1.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/29/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/29/2006	PI	5.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.2	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/29/2006	PM	2.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/5/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/5/2006	PI	6.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.1	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/5/2006	PM	2.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/12/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/12/2006	PI	5.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.1	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/12/2006	PM	2.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/19/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/19/2006	PI	5.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.2	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/19/2006	PM	3.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/26/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/26/2006	PI	7.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.70	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/26/2006	PM	3.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/2/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/2/2006	PI	6.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.4	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/2/2006	PM	3.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/10/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/10/2006	PI	6.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.3	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/10/2006	PM	4.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	10/17/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/17/2006	PI	5.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.1	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/17/2006	PM	4.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/24/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/24/2006	PI	5.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.1	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/24/2006	PM	5.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/30/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/30/2006	PI	5.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.1	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/30/2006	PM	5.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/6/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/6/2006	PI	5.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.94	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/6/2006	PM	5.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/13/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/13/2006	PI	4.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.94	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/13/2006	PM	5.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/20/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/20/2006	PI	4.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.95	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/20/2006	PM	4.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/20/2006	PM2	1.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/4/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/4/2006	PI	3.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.92	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/4/2006	PM	4.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/12/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/12/2006	PI	7.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.81	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/12/2006	PM	4.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/18/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/18/2006	PI	5.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.41 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/18/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/8/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/8/2007	PI	4.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.29 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/8/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/22/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/22/2007	PI	4.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.18 J	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	1/22/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/5/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/5/2007	PI	5.9	ND(0.50)	13.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.41 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/5/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/21/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/21/2007	PI	6.6	ND(0.50)	1.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.33 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/21/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/5/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/5/2007	PI	4.7	ND(0.50)	0.25 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.28 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/5/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/19/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/19/2007	PI	2.9	ND(0.50)	0.65	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.22 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/19/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/2/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/2/2007	PI	1.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.25 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/2/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/16/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/16/2007	PI	3.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.20 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/16/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/30/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/30/2007	PI	3.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.19 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/30/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/14/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/14/2007	PI	2.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.19 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/14/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/30/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/30/2007	PI	5.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.26 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/30/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/11/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/11/2007	PI	4.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.16 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/11/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/25/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/25/2007	PI	4.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.20 J	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	6/25/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/10/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/10/2007	PI	7.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.24 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/10/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/23/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/23/2007	PI	9.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.35 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/23/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/6/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/6/2007	PI	5.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.26 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/6/2007	PM	0.10 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/5/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/5/2007	PI	4.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.24 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/5/2007	PM	0.31 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/17/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/17/2007	PI	17.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.0	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/17/2007	PM	0.81	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/1/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/1/2007	PI	7.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.0	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/1/2007	PM	0.67	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/15/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/15/2007	PI	32.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.2	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/15/2007	PM	0.24 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/29/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/29/2007	PI	10.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.31 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/29/2007	PM	0.18 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/12/2007	PE	14.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.38 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/12/2007	PI	18.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.31 J	0.58	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/12/2007	PM	0.15 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/26/2007	PE	10.3	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.27 J	ND(5)
M35P356L04	3506 Hampshire Glen Ct	11/26/2007	PI	12.1	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.34 J	ND(5)
M35P356L04	3506 Hampshire Glen Ct	11/26/2007	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L04	3506 Hampshire Glen Ct	12/10/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/10/2007	PI	7.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.29 J	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	12/10/2007	PM	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/7/2008	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L04	3506 Hampshire Glen Ct	1/7/2008	PI	10.6	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.36 J	ND(5)
M35P356L04	3506 Hampshire Glen Ct	1/7/2008	PM	0.19 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L04	3506 Hampshire Glen Ct	2/4/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/4/2008	PI	9.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.45 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/4/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/3/2008	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L04	3506 Hampshire Glen Ct	3/3/2008	PI	12.5	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.43 J	ND(5)
M35P356L04	3506 Hampshire Glen Ct	3/3/2008	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P356L04	3506 Hampshire Glen Ct	4/7/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/7/2008	PI	5.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.32 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/7/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/5/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/5/2008	PI	6.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.29 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/5/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/2/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/2/2008	PI	29.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.53	0.99	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/2/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/7/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/7/2008	PI	25.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.56	1.1	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/7/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/22/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/22/2008	PI	35.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.74	1.8	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/22/2008	PM2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/8/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/8/2008	PI	17.2	0.42 J	0.69	0.61	3.4	ND(0.50)	ND(0.50)	0.45 J	1.3	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/8/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/6/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/6/2008	PI	33.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.60	1.4	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/6/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/3/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/3/2008	PI	64.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.38 J	1.2	3.7	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
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Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	11/3/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/1/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/1/2008	PM	0.30 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/1/2008	PM2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/15/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/15/2008	PI	50.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.65	1.5	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/15/2008	PM2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/5/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/5/2009	PI	42.8	0.15 J	0.22 J	0.33 J	3.2	ND(0.50)	ND(0.50)	0.68	2.9	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/5/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/19/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/19/2009	PI	25.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.50	1.5	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/19/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	21.1
M35P356L04	3506 Hampshire Glen Ct	2/2/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/2/2009	PI	35.9	0.15 J	0.24 J	0.41 J	3.5	ND(0.50)	ND(0.50)	0.67	2.3	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/2/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/10/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/10/2009	PI	30.1	0.74	0.97	1.5	14.9	0.22 J	ND(0.50)	0.59	2.4	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/10/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/16/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/16/2009	PI	86.0	0.35 J	0.39 J	0.50	6.5	ND(0.50)	0.39 J	1.4	5.0	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/16/2009	PM2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/4/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/4/2009	PI	60.4	0.59	0.67	0.92	10.9	0.20 J	0.33 J	1.1	4.0	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/4/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/23/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/23/2009	PI	37.2	1.4	1.8	3.1	38.4	0.82	0.29 J	1.1	3.0	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/23/2009	PM2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/6/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/6/2009	PI	25.4	0.73	0.72	1.3	18.6	0.28 J	ND(0.50)	0.71	1.9	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/6/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/20/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/20/2009	PI	95.2 E	0.34 J	0.33 J	0.44 J	6.3	ND(0.50)	0.54	1.7	5.5	13.8

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	4/20/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/4/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/4/2009	PI	80.6	0.25 J	0.23 J	0.14 J	4.9	ND(0.50)	0.55	1.7	5.1	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/4/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/18/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/18/2009	PI	42.2	ND(0.50)	ND(0.50)	ND(0.50)	0.45 J	ND(0.50)	0.33 J	0.93	2.3	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/18/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/1/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/1/2009	PI	5.4	ND(0.50)	0.099 J	ND(0.50)	2.1	ND(0.50)	0.11 J	0.32 J	0.39 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/1/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/15/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/15/2009	PI	3.9	ND(0.50)	ND(0.50)	ND(0.50)	0.41 J	ND(0.50)	ND(0.50)	0.22 J	0.23 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/15/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/7/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/7/2009	PI	3.5	ND(0.50)	ND(0.50)	ND(0.50)	0.38 J	ND(0.50)	ND(0.50)	0.20 J	0.27 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/7/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/21/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/21/2009	PI	4.5	ND(0.50)	ND(0.50)	ND(0.50)	0.65	ND(0.50)	ND(0.50)	0.20 J	0.26 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/21/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/4/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/4/2009	PI	0.65	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/4/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/18/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/18/2009	PI	2.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.18 J	0.14 J	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/18/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/1/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/1/2009	PI	1.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/1/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/15/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/15/2009	PI	0.42 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/15/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/7/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/7/2009	PI	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	10/7/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/19/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/19/2009	PI	0.16 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/19/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/3/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/3/2009	PI	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/3/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/23/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/23/2009	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/23/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/7/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/7/2009	PI	0.11 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/7/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/21/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/21/2009	PI	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/21/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/4/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/4/2010	PI	0.12 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/4/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/21/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/21/2010	PI	0.12 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/21/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/2/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/2/2010	PI	0.12 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/2/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/17/2010	PI	0.13 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/17/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/1/2010	PI	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/15/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/15/2010	PI	0.13 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/15/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
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Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	4/6/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/6/2010	PI	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/6/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/20/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/20/2010	PI	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/20/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/4/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/4/2010	PI	0.16 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/4/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/18/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/18/2010	PI	0.19 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/18/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/8/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/8/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/8/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/22/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/22/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/22/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/13/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/13/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/13/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/27/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/27/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/27/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/2/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/2/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/2/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/24/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/24/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	8/24/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/7/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/7/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/7/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

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14258 Jarrettsville Pike
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Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	9/21/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/21/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	9/21/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/6/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/6/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/6/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/18/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/18/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	10/18/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/1/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/16/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/16/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	11/16/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/6/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/6/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/6/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/20/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/20/2010	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	12/20/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/4/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/4/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/4/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/17/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/17/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	1/17/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/7/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/7/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/7/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/17/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/17/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/17/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	2/22/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/22/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	2/22/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/7/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/7/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/7/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/23/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/23/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	3/23/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/4/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/4/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/4/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/18/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/18/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	4/18/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/2/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/2/2011	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/2/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/18/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/18/2011	PI	0.12 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	5/18/2011	PM	0.13 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/1/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/1/2011	PI	0.10 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/1/2011	PM	0.13 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/6/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/6/2011	PI	0.12 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/6/2011	PM	0.16 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/21/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/21/2011	PI	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/21/2011	PM	0.15 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/30/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/30/2011	PI	0.13 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	6/30/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P356L04	3506 Hampshire Glen Ct	7/11/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/11/2011	PI	0.10 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P356L04	3506 Hampshire Glen Ct	7/11/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/3/2006	PEO	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	34.0
M35P031LNA	14301 Jarrettsville Pike	3/3/2006	PIO	773000	5380	10500	814	1950	ND(250)	1330	5220	19600	ND(2500)
M35P031LNA	14301 Jarrettsville Pike	3/3/2006	PMO	566000	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(5000)
M35P031LNA	14301 Jarrettsville Pike	9/6/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/6/2006	PI	114	ND(0.50)	0.36 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	10.3	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/6/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/12/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/12/2006	PI	183	ND(0.50)	0.17 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	14.7	0.24 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/12/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/18/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/18/2006	PI	178	ND(0.50)	0.21 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	16.7	0.26 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/18/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/26/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/26/2006	PI	167	ND(0.50)	0.17 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	16.7	0.24 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/26/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/3/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/3/2006	PI	197	ND(0.50)	0.094 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	18.3	0.24 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/3/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/10/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/10/2006	PI	162	ND(0.50)	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	13.0	0.26 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/10/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/16/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/16/2006	PI	152	ND(0.50)	0.097 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	12.6	0.22 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/16/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/23/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/23/2006	PI	155	ND(0.50)	0.14 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	13.3	0.26 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/23/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/31/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/31/2006	PI	128	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	10.5	0.22 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/31/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P031LNA	14301 Jarrettsville Pike	11/7/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/7/2006	PI	174	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	14.4	0.26 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/7/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/13/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/13/2006	PI	181	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	12.8	0.23 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/13/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/21/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/21/2006	PI	111	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	8.3	0.17 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/21/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/28/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/28/2006	PI	102	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	8.0	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/28/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/4/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/4/2006	PI	122	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	11.1	0.20 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/4/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/12/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/12/2006	PI	78.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	6.5	0.17 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/12/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/18/2006	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/18/2006	PI	78.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.8	0.16 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/18/2006	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/8/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/8/2007	PI	95.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.5	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/8/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/22/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/22/2007	PI	77.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.4	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/22/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/5/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/5/2007	PI	108	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	8.8	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/5/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/21/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/21/2007	PI	112	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	6.8	0.18 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/21/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P031LNA	14301 Jarrettsville Pike	3/5/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/5/2007	PI	99.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	6.8	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/5/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/19/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/19/2007	PI	112	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	8.5	0.16 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/19/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/2/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/2/2007	PI	99.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	6.0	0.19 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/2/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/16/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/16/2007	PI	86.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	6.5	0.16 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/16/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/30/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/30/2007	PI	97.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	7.2	0.15 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/30/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/14/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/14/2007	PI	96.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.9	0.12 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/14/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/30/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/30/2007	PI	63.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.8	0.11 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/30/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/11/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/11/2007	PI	0.23 J	ND(0.50)	0.26 J	ND(0.50)	0.23 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/11/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/25/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/25/2007	PI	70.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.3	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/25/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/9/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/9/2007	PI	71.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.7	0.068 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/9/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/23/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/23/2007	PI	61.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.5	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/23/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P031LNA	14301 Jarrettsville Pike	8/6/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/6/2007	PI	75.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.6	0.12 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/6/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/20/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/20/2007	PI	99.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	6.6	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/20/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/5/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/5/2007	PI	71.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.2	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/5/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/17/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/17/2007	PI	90.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	6.7	0.14 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/17/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/2/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/2/2007	PI	99.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	7.4	0.20 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/2/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/15/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/15/2007	PI	93.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	6.8	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/15/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/29/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/29/2007	PI	78.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.7	0.15 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/29/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/13/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/13/2007	PI	102	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	7.5	0.19 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/13/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/26/2007	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P031LNA	14301 Jarrettsville Pike	11/26/2007	PI	73.9	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.9	0.16 J	ND(5)
M35P031LNA	14301 Jarrettsville Pike	11/26/2007	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P031LNA	14301 Jarrettsville Pike	12/10/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/10/2007	PI	92.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.8	0.18 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/10/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/7/2008	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P031LNA	14301 Jarrettsville Pike	1/7/2008	PI	102	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	4.9	0.17 J	ND(5)
M35P031LNA	14301 Jarrettsville Pike	1/7/2008	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P031LNA	14301 Jarrettsville Pike	2/4/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/4/2008	PI	165	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	29.4	0.87	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/4/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/3/2008	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P031LNA	14301 Jarrettsville Pike	3/3/2008	PI	218 a	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	37.8	1.1	ND(5)
M35P031LNA	14301 Jarrettsville Pike	3/3/2008	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P031LNA	14301 Jarrettsville Pike	4/7/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/7/2008	PI	212	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	38.8	1.2	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/7/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/5/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/5/2008	PI	133	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	14.9	0.49 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/5/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/2/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/2/2008	PI	91.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.3	0.18 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/2/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/7/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/7/2008	PI	67.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.4	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/7/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/4/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/4/2008	PI	86.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.7	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/4/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/8/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/8/2008	PI	52.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.58	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/8/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/6/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/6/2008	PI	54.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.89	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/6/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/3/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/3/2008	PI	48.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.57	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/3/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/1/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/1/2008	PI	21.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/1/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P031LNA	14301 Jarrettsville Pike	1/5/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/5/2009	PI	21.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/5/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/2/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/2/2009	PI	40.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.54	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/2/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/10/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/10/2009	PI	36.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.78	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/10/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/4/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/4/2009	PI	37.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.82	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/4/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/6/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/6/2009	PI	39.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.90	ND(0.50)	6.2
M35P031LNA	14301 Jarrettsville Pike	4/6/2009	PM	ND(0.50)	ND(0.50)	0.079 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/4/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/4/2009	PI	38.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.2	0.14 J	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/4/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/1/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/1/2009	PI	32.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.2	0.22 J	5.8
M35P031LNA	14301 Jarrettsville Pike	6/1/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/6/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/6/2009	PI	8.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.16 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/6/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/3/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/3/2009	PI	8.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/3/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/31/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/31/2009	PI	24.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/31/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/5/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/5/2009	PI	31.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.13 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/5/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P031LNA	14301 Jarrettsville Pike	11/2/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/2/2009	PI	18.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/2/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/7/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/7/2009	PI	13.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/7/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/4/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/4/2010	PI	11.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/4/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/1/2010	PI	21.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/1/2010	PI	17.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.16 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/5/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/5/2010	PI	14.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.098 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/5/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/3/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/3/2010	PI	8.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/3/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/7/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/7/2010	PI	11.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.070 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/7/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/12/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/12/2010	PI	14.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.070 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/12/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/2/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/2/2010	PI	13.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.065 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	8/2/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/13/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/13/2010	PI	27.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.62	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	9/13/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P031LNA	14301 Jarrettsville Pike	10/4/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/4/2010	PI	19.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.29 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	10/4/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/1/2010	PI	16.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.13 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	11/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/6/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/6/2010	PI	17.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.10 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	12/6/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/3/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/3/2011	PI	16.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.094 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	1/3/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/7/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/7/2011	PI	16.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.13 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	2/7/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/7/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/7/2011	PI	17.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.12 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	3/7/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/4/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/4/2011	PI	23.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.32 J	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	4/4/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/2/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/2/2011	PI	9.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	5/2/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/6/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/6/2011	PI	13.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	6/6/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/11/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/11/2011	PI	17.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P031LNA	14301 Jarrettsville Pike	7/11/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	8/3/2010	PI	40.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.82	2.2	0.40 J	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	9/7/2010	PI	0.40 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.38 J	0.44 J	ND(0.50)	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	9/20/2010	PI	242	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.2	9.4	3.6	ND(5.0)

Table 7
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14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LB	14307 Jarrettsville Pike	9/28/2010	PI	183	0.18 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.4	5.5	1.7	2.5 J
M35P151LB	14307 Jarrettsville Pike	10/5/2010	PI	863	5.7	9.7	0.97	3.5	0.077 J	5.2	19.3	13.4	17.3
M35P151LB	14307 Jarrettsville Pike	10/12/2010	PI	75.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.4	12.6	0.098 J	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	10/18/2010	PI	4.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.0	1.9	ND(0.50)	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	10/26/2010	PI	14.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.8	3.4	ND(0.50)	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	11/1/2010	PI	19.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.1	4.5	0.12 J	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	11/9/2010	PI	2.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.3	2.0	ND(0.50)	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	11/16/2010	PI	10.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.98	1.7	ND(0.50)	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	11/23/2010	PI	105	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.1	8.0	0.47 J	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	11/30/2010	PI	6.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.4	2.7	ND(0.50)	ND(5.0)
M35P151LB	14307 Jarrettsville Pike	12/7/2010	PI	12.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.2	2.7	0.15 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/24/2006	PEO	0.90	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/3/2006		0.55	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/13/2006	PE	0.85	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/20/2006		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)
M35P151LNA	14307 Jarrettsville Pike	3/27/2006		0.72	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/3/2006		0.60	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/10/2006		0.86	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/17/2006		0.85	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/24/2006		0.64	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/1/2006		0.83	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/8/2006		0.78	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/15/2006		0.61	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/22/2006		0.79	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/31/2006		0.55	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/5/2006		0.77	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/12/2006		0.90	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/19/2006		1.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.13 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/26/2006		1.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.14 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/5/2006		1.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/10/2006		1.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/17/2006		0.83	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/24/2006		0.98	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LNA	14307 Jarrettsville Pike	7/31/2006		0.94	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/14/2006		1.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/21/2006		0.99	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/28/2006		1.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.18 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/5/2006		1.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.18 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/11/2006		1.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.21 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/18/2006		1.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.16 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/25/2006		1.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/2/2006		1.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.22 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/9/2006		29.2	0.69	0.24 J	ND(0.50)	0.34 J	ND(0.50)	ND(0.50)	0.28 J	1.6	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/16/2006		1.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.21 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/23/2006		1.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.23 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/30/2006		2.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.29 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/6/2006		1.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.18 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/13/2006		3.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.32 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/20/2006		1.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.36 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/27/2006		1.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.21 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/4/2006		2.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.33 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/11/2006		2.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.40 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/18/2006		2.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.34 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/8/2007		2.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.20 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/22/2007		2.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.23 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/6/2007		1.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.14 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/21/2007		2.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.22 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/5/2007		2.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.17 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/19/2007		4.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.29 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/2/2007		4.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.28 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/16/2007		4.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.27 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/30/2007		5.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.20 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/14/2007		6.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.23 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/30/2007		3.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.17 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/11/2007		10.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.28 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/25/2007		16.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.40 J	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LNA	14307 Jarrettsville Pike	7/9/2007		17.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.33 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/16/2007		21.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.34 J	0.65	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/16/2007	PE	21.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.36 J	0.65	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/23/2007		23.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.34 J	0.57	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/6/2007		24.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.37 J	0.62	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/20/2007	PE	ND(0.50)	ND(0.50)	0.057 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/20/2007	PI	33.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.48 J	0.71	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/20/2007	PM	ND(0.50)	ND(0.50)	0.046 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/5/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/5/2007	PI	34.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.47 J	0.56	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/5/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/17/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/17/2007	PI	33.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.50	0.55	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/17/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/2/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/2/2007	PI	36.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.46 J	0.61	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/2/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/16/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/16/2007	PI	82.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.36 J	1.2	2.4	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/16/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/29/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/29/2007	PI	65.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.82	1.0	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/29/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/12/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/12/2007	PI	77.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.39 J	1.1	1.9	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/12/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/26/2007	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P151LNA	14307 Jarrettsville Pike	11/26/2007	PI	72.5	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.37 J	0.99	1.6	ND(5)
M35P151LNA	14307 Jarrettsville Pike	11/26/2007	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P151LNA	14307 Jarrettsville Pike	12/10/2007	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/10/2007	PI	94.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.51	1.3	2.7	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/10/2007	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/7/2008	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LNA	14307 Jarrettsville Pike	1/7/2008	PI	100	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.6	1.6	2.4	ND(5)
M35P151LNA	14307 Jarrettsville Pike	1/7/2008	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P151LNA	14307 Jarrettsville Pike	2/4/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/4/2008	PI	128	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.98	2.4	3.4	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/4/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/3/2008	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P151LNA	14307 Jarrettsville Pike	3/3/2008	PI	116 a	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.85	2.2	2.4	ND(5)
M35P151LNA	14307 Jarrettsville Pike	3/3/2008	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M35P151LNA	14307 Jarrettsville Pike	4/7/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/7/2008	PI	126	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.0	2.8	2.2	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/7/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/5/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/5/2008	PI	257	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.9	4.4	8.1	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/5/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/2/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/2/2008	PI	199	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.1	2.9	5.8	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/2/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/7/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/7/2008	PI	185	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.4	3.6	5.5	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/7/2008	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/4/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/4/2008	PI	216	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.3	4.3	7.2	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/4/2008	PM	1.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/8/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/8/2008	PI	228	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.2	3.6	6.1	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/8/2008	PM	4.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/6/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/6/2008	PI	275	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.9	5.1	8.2	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/6/2008	PM	20.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/3/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/3/2008	PI	308	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.4	6.4	7.0	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/3/2008	PM	55.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/25/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LNA	14307 Jarrettsville Pike	11/25/2008	PI	183	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.6	4.8	3.9	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/25/2008	PM	7.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/1/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/1/2008	PI	141	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.3	5.5	3.4	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/1/2008	PM	5.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/15/2008	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/15/2008	PI	266	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.4	6.8	3.5	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/15/2008	PM	4.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/5/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/5/2009	PI	128	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.7	6.5	3.1	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/5/2009	PM	3.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/19/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/19/2009	PI	144	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.2	8.5	3.2	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/19/2009	PM	4.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/2/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/2/2009	PI	91.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.6	6.2	2.1	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/2/2009	PM	4.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/16/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/16/2009	PI	159	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.9	8.5	2.7	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/16/2009	PM	3.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/4/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/4/2009	PI	36.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.9	4.4	0.39 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/4/2009	PM	2.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/16/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/16/2009	PI	189	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.0	12.3	3.2	10.2
M35P151LNA	14307 Jarrettsville Pike	3/16/2009	PM	1.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/6/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/6/2009	PI	47.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.8	5.9	0.36 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/6/2009	PM	0.36 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/20/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/20/2009	PI	301	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.3	17.5	3.3	48.8
M35P151LNA	14307 Jarrettsville Pike	4/20/2009	PM	0.40 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/4/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LNA	14307 Jarrettsville Pike	5/4/2009	PI	86.5	0.55	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.0	6.0	2.9	2.4 J
M35P151LNA	14307 Jarrettsville Pike	5/4/2009	PM	0.20 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/18/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/18/2009	PI	355	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.9	17.3	6.0	2.8 J
M35P151LNA	14307 Jarrettsville Pike	5/18/2009	PM	0.25 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/1/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/1/2009	PI	25.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.2	8.3	0.18 J	1.5 J
M35P151LNA	14307 Jarrettsville Pike	6/1/2009	PM	0.47 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/15/2009	PE	ND(0.50)	ND(0.50)	0.098 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/15/2009	PI	16.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.6	1.5	0.19 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/15/2009	PM	0.58	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/25/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/25/2009	PI	19.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.8	7.8	0.11 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/25/2009	PM	0.61	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/6/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/6/2009	PI	12.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.9	6.5	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/6/2009	PM	0.50	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/21/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/21/2009	PI	12.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.1	5.1	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/21/2009	PM	0.43 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/3/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/3/2009	PI	38.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.9	13.0	0.11 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/3/2009	PM	0.59	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/18/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/18/2009	PI	257	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.6	13.4	2.3	2.5 J
M35P151LNA	14307 Jarrettsville Pike	8/18/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/31/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/31/2009	PI	170	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.8	17.4	0.53	2.3 J
M35P151LNA	14307 Jarrettsville Pike	9/3/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/3/2009	PI	145	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.4	14.9	0.78	2.4 J
M35P151LNA	14307 Jarrettsville Pike	9/3/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/15/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/15/2009	PI	153	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.2	12.2	0.57	2.2 J

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LNA	14307 Jarrettsville Pike	9/15/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/5/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/5/2009	PI	109	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.8	15.8	0.40 J	2.5 J
M35P151LNA	14307 Jarrettsville Pike	10/5/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/19/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/19/2009	PI	259	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.1	16.4	1.8	3.6 J
M35P151LNA	14307 Jarrettsville Pike	10/19/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/3/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/3/2009	PI	253	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.9	15.0	2.3	5.4
M35P151LNA	14307 Jarrettsville Pike	11/3/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/23/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/23/2009	PI	20.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.1	3.7	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/23/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/7/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/7/2009	PI	67.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.0	6.6	0.49 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/7/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/21/2009	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/21/2009	PI	98.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.7	7.0	0.82	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/21/2009	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/4/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/4/2010	PI	47.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.7	7.3	0.28 J	2.6 J
M35P151LNA	14307 Jarrettsville Pike	1/4/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/21/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/21/2010	PI	571	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	6.8	22.4	7.4	18.6
M35P151LNA	14307 Jarrettsville Pike	1/21/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/1/2010	PI	333	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	6.8	14.7	3.8	9.7
M35P151LNA	14307 Jarrettsville Pike	2/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/17/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/17/2010	PI	361	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.4	15.1	3.5	12.7
M35P151LNA	14307 Jarrettsville Pike	2/17/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/1/2010	PI	65.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.4	5.4	0.66	2.9 J

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LNA	14307 Jarrettsville Pike	3/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/15/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/15/2010	PI	140	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.5	7.3	1.5	4.1 J
M35P151LNA	14307 Jarrettsville Pike	3/15/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/6/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/6/2010	PI	101	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.2	6.6	1.2	5.2
M35P151LNA	14307 Jarrettsville Pike	4/6/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/20/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/20/2010	PI	62.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.5	4.1	0.56	18.1
M35P151LNA	14307 Jarrettsville Pike	4/20/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/4/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/4/2010	PI	73.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.5	5.2	0.91	4.7 J
M35P151LNA	14307 Jarrettsville Pike	5/4/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/18/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/18/2010	PI	69.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.3	4.8	0.60	1.7 J
M35P151LNA	14307 Jarrettsville Pike	5/18/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/26/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/26/2010	PI	577	0.074 J	0.55	ND(0.50)	0.87	ND(0.50)	5.0	15.1	6.3	7.2
M35P151LNA	14307 Jarrettsville Pike	5/26/2010	PM	ND(0.50)	ND(0.50)	0.30 J	ND(0.50)	0.43 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/8/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/8/2010	PI	44.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.8	4.2	0.53	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/8/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/22/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/22/2010	PI	90.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.6	6.7	0.57	2.4 J
M35P151LNA	14307 Jarrettsville Pike	6/22/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/6/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/6/2010	PI	10.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.6	4.7	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/6/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/13/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/13/2010	PI	49.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.1	4.7	0.39 J	2.7 J
M35P151LNA	14307 Jarrettsville Pike	7/13/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/20/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/20/2010	PI	79.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.4	5.5	0.47 J	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LNA	14307 Jarrettsville Pike	7/20/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/27/2010	PI	58.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.2	5.9	0.32 J	2.3 J
M35P151LNA	14307 Jarrettsville Pike	8/3/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/3/2010	PI	13.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.8	4.9	0.090 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/3/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/10/2010	PI	13.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.6	4.7	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/17/2010	PI	8.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.7	4.3	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/24/2010	PI	11.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.1	3.7	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	8/31/2010	PI	14.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.0	5.2	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/7/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/7/2010	PI	4.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.3	5.4	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/7/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/14/2010	PI	15.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.9	4.8	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/20/2010	PI	28.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	4.2	8.1	0.15 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	9/28/2010	PI	108	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.1	5.2	0.37 J	1.4 J
M35P151LNA	14307 Jarrettsville Pike	10/5/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/5/2010	PI	51.2	0.70	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.5	7.1	0.82	3.4 J
M35P151LNA	14307 Jarrettsville Pike	10/5/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/12/2010	PI	8.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.9	3.5	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/18/2010	PI	3.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.8	4.1	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	10/26/2010	PI	17.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.5	3.8	0.14 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/1/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/1/2010	PI	22.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.2	8.8	0.15 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/1/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/9/2010	PI	7.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.7	2.9	0.070 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/16/2010	PI	6.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.1	2.3	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/23/2010	PI	36.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.4	5.5	0.42 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	11/30/2010	PI	12.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.91	1.3	0.13 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/7/2010	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/7/2010	PI	7.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.7	2.9	0.083 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/7/2010	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/14/2010	PI	13.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.7	2.2	0.16 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	12/20/2010	PI	7.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	3.1	4.1	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LNA	14307 Jarrettsville Pike	12/28/2010	PI	4.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.2	1.2	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/3/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/3/2011	PI	1.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.6	1.7	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/3/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/11/2011	PI	13.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.7	2.4	0.15 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/17/2011	PI	7.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.4	3.2	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/24/2011	PI	5.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.9	2.3	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	1/31/2011	PI	0.64	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.2	0.81	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/7/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/7/2011	PI	12.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.9	4.0	0.11 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/7/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/15/2011	PI	15.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.9	2.2	0.19 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	2/21/2011	PI	13.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.8	2.1	0.15 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/1/2011	PI	44.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.3	3.5	0.52	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/7/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/7/2011	PI	4.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.3	1.2	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/7/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/15/2011	PI	23.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	1.4	2.1	0.30 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/22/2011	PI	11.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.82	1.2	0.16 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	3/29/2011	PI	13.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.87	1.1	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/4/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/4/2011	PI	2.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.66	0.58	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/4/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/12/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/12/2011	PI	13.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.91	1.3	0.20 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/12/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/19/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/19/2011	PI	8.2	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.74	0.86	0.16 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/19/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	4/26/2011	PI	5.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.35 J	0.45 J	0.078 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/2/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/2/2011	PI	5.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.50	0.65	0.096 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/2/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Table 7
Near Northeast Area Private Supply Well Analytical Results
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naph-thalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M35P151LNA	14307 Jarrettsville Pike	5/10/2011	PI	21.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.75	1.4	0.32 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/17/2011	PI	6.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.38 J	0.53	0.091 J	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/24/2011	PI	5.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.40 J	0.53	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	5/31/2011	PI	0.76	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.28 J	0.11 J	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/7/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/7/2011	PI	3.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.44 J	0.47 J	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/7/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/14/2011	PI	4.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.48 J	0.65	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/21/2011	PI	4.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.44 J	0.45 J	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	6/28/2011	PI	3.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.41 J	0.59	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/5/2011	PI	0.51	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.25 J	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/11/2011	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/11/2011	PI	1.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.45 J	0.54	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/11/2011	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M35P151LNA	14307 Jarrettsville Pike	7/18/2011	PI	2.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.91	1.5	ND(0.50)	ND(5.0)

Notes:

1. PI - Influent sample location. POET installed by ExxonMobil.
2. PM - Mid-Fluent sample location. POET installed by ExxonMobil.
3. PE - Effluent sample location. POET installed by ExxonMobil.
4. PIO - Influent sample location. POET installed by Others.

J - indicates an estimated value

Table 8
Summary of Private Supply Well Water Usage
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
3503 Hampshire Glen Ct	1/5/2009	233,587	-
3503 Hampshire Glen Ct	3/4/2009	247,402	238.2
3503 Hampshire Glen Ct	4/6/2009	255,979	259.9
3503 Hampshire Glen Ct	5/4/2009	262,716	240.6
3503 Hampshire Glen Ct	6/1/2009	277,964	544.6
3503 Hampshire Glen Ct	7/6/2009	298,226	578.9
3503 Hampshire Glen Ct	8/3/2009	307,088	316.5
3503 Hampshire Glen Ct	8/31/2009	315,593	303.8
3503 Hampshire Glen Ct	10/5/2009	321,462	167.7
3503 Hampshire Glen Ct	11/2/2009	324,462	107.1
3503 Hampshire Glen Ct	12/7/2009	328,628	119.0
3503 Hampshire Glen Ct	1/4/2010	333,061	158.3
3503 Hampshire Glen Ct	2/1/2010	339,343	224.4
3503 Hampshire Glen Ct	3/1/2010	342,773	122.5
3503 Hampshire Glen Ct	4/5/2010	346,446	104.9
3503 Hampshire Glen Ct	6/7/2010	363,900	277.0
3503 Hampshire Glen Ct	7/13/2010	383,171	535.3
3503 Hampshire Glen Ct	8/2/2010	401,746	928.8
3503 Hampshire Glen Ct	9/13/2010	421,079	460.3
3503 Hampshire Glen Ct	10/4/2010	423,287	105.1
3503 Hampshire Glen Ct	11/1/2010	430,724	265.6
3503 Hampshire Glen Ct	12/6/2010	436,112	153.9
3503 Hampshire Glen Ct	1/3/2011	442,233	218.6
3503 Hampshire Glen Ct	2/7/2011	446,107	110.7
3503 Hampshire Glen Ct	3/7/2011	450,523	157.7

Table 8

Summary of Private Supply Well Water Usage

Inactive Exxon Facility #28077

14258 Jarrettsville Pike

Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
3506 Hampshire Glen Ct	5/9/2006	8,550	-
3506 Hampshire Glen Ct	5/23/2006	16,930	598.6
3506 Hampshire Glen Ct	5/30/2006	22,080	735.7
3506 Hampshire Glen Ct	9/5/2006	115,223	950.4
3506 Hampshire Glen Ct	9/12/2006	122,548	1046.3
3506 Hampshire Glen Ct	9/26/2006	135,888	952.9
3506 Hampshire Glen Ct	10/2/2006	140,855	827.8
3506 Hampshire Glen Ct	10/30/2006	180,690	1422.7
3506 Hampshire Glen Ct	11/6/2006	190,235	1363.5
3506 Hampshire Glen Ct	11/13/2006	200,444	1458.5
3506 Hampshire Glen Ct	11/20/2006	210,916	1495.9
3506 Hampshire Glen Ct	12/4/2006	223,136	872.9
3506 Hampshire Glen Ct	12/11/2006	234,331	1599.3
3506 Hampshire Glen Ct	12/15/2006	235,958	406.9
3506 Hampshire Glen Ct	12/18/2006	236,700	247.2
3506 Hampshire Glen Ct	1/8/2007	241,706	238.4
3506 Hampshire Glen Ct	1/22/2007	252,117	743.6
3506 Hampshire Glen Ct	2/5/2007	256,150	288.1
3506 Hampshire Glen Ct	2/21/2007	261,118	310.5
3506 Hampshire Glen Ct	3/5/2007	265,198	340.0
3506 Hampshire Glen Ct	3/19/2007	268,014	201.1
3506 Hampshire Glen Ct	4/30/2007	291,089	549.4
3506 Hampshire Glen Ct	5/30/2007	294,482	113.1
3506 Hampshire Glen Ct	6/11/2007	298,920	369.8
3506 Hampshire Glen Ct	6/25/2007	303,025	293.2
3506 Hampshire Glen Ct	7/10/2007	308,592	371.1
3506 Hampshire Glen Ct	8/6/2007	322,570	517.7
3506 Hampshire Glen Ct	9/5/2007	335,800	441.0
3506 Hampshire Glen Ct	9/17/2007	348,314	1042.8

Table 8
Summary of Private Supply Well Water Usage
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
3506 Hampshire Glen Ct	10/1/2007	375,580	1947.6
3506 Hampshire Glen Ct	10/15/2007	406,987	2243.4
3506 Hampshire Glen Ct	10/29/2007	412,299	379.4
3506 Hampshire Glen Ct	1/7/2008	420,401	115.8
3506 Hampshire Glen Ct	3/3/2008	494,500	1323.2
3506 Hampshire Glen Ct	4/7/2008	531,851	1067.1
3506 Hampshire Glen Ct	5/5/2008	562,825	1106.2
3506 Hampshire Glen Ct	7/7/2008	600,441	597.1
3506 Hampshire Glen Ct	8/22/2008	614,823	312.6
3506 Hampshire Glen Ct	9/8/2008	621,616	399.6
3506 Hampshire Glen Ct	10/6/2008	632,867	401.8
3506 Hampshire Glen Ct	11/3/2008	642,732	352.3
3506 Hampshire Glen Ct	12/1/2008	651,758	322.4
3506 Hampshire Glen Ct	12/9/2008	654,349	323.8
3506 Hampshire Glen Ct	1/5/2009	676,721	828.6
3506 Hampshire Glen Ct	1/19/2009	687,478	768.4
3506 Hampshire Glen Ct	2/2/2009	699,580	864.4
3506 Hampshire Glen Ct	2/10/2009	702,175	324.4
3506 Hampshire Glen Ct	2/16/2009	704,145	328.3
3506 Hampshire Glen Ct	3/4/2009	709,838	355.8
3506 Hampshire Glen Ct	4/6/2009	719,299	286.7
3506 Hampshire Glen Ct	5/4/2009	729,720	372.2
3506 Hampshire Glen Ct	6/5/2009	743,816	440.5
3506 Hampshire Glen Ct	7/8/2009	757,937	427.9
3506 Hampshire Glen Ct	8/4/2009	770,179	453.4
3506 Hampshire Glen Ct	8/18/2009	774,613	316.7
3506 Hampshire Glen Ct	9/1/2009	782,439	559.0
3506 Hampshire Glen Ct	9/15/2009	788,019	398.6

Table 8
Summary of Private Supply Well Water Usage
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
3506 Hampshire Glen Ct	10/7/2009	796,746	396.7
3506 Hampshire Glen Ct	10/19/2009	801,462	393.0
3506 Hampshire Glen Ct	11/3/2009	807,263	386.7
3506 Hampshire Glen Ct	12/7/2009	821,956	432.1
3506 Hampshire Glen Ct	12/21/2009	828,066	436.4
3506 Hampshire Glen Ct	1/4/2010	835,955	563.5
3506 Hampshire Glen Ct	1/21/2010	843,386	437.1
3506 Hampshire Glen Ct	2/2/2010	848,134	395.7
3506 Hampshire Glen Ct	2/18/2010	854,959	426.6
3506 Hampshire Glen Ct	3/2/2010	859,926	413.9
3506 Hampshire Glen Ct	3/15/2010	865,760	448.8
3506 Hampshire Glen Ct	4/6/2010	874,421	393.7
3506 Hampshire Glen Ct	4/20/2010	879,672	375.1
3506 Hampshire Glen Ct	5/4/2010	886,487	486.8
3506 Hampshire Glen Ct	6/8/2010	901,341	424.4
3506 Hampshire Glen Ct	7/13/2010	914,917	387.9
3506 Hampshire Glen Ct	8/2/2010	922,900	399.2
3506 Hampshire Glen Ct	9/7/2010	935,651	354.2
3506 Hampshire Glen Ct	10/6/2010	951,779	556.1
3506 Hampshire Glen Ct	11/1/2010	963,870	465.0
3506 Hampshire Glen Ct	12/6/2010	977,016	375.6
3506 Hampshire Glen Ct	1/4/2011	986,625	331.3
3506 Hampshire Glen Ct	1/17/2011	991,998	413.3
3506 Hampshire Glen Ct	2/7/2011	1,002,632	506.4
3506 Hampshire Glen Ct	2/22/2011	1,007,841	347.3
3506 Hampshire Glen Ct	3/7/2011	1,012,899	389.1
3506 Hampshire Glen Ct	3/23/2011	1,018,033	320.9

Table 8
Summary of Private Supply Well Water Usage
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
3507 Hampshire Glen Ct	11/4/2008	200,771	-
3507 Hampshire Glen Ct	11/18/2008	203,708	209.8
3507 Hampshire Glen Ct	12/2/2008	206,967	232.8
3507 Hampshire Glen Ct	1/6/2009	215,901	255.3
3507 Hampshire Glen Ct	3/3/2009	231,515	278.8
3507 Hampshire Glen Ct	4/7/2009	239,089	216.4
3507 Hampshire Glen Ct	5/5/2009	246,037	248.1
3507 Hampshire Glen Ct	6/2/2009	252,665	236.7
3507 Hampshire Glen Ct	7/7/2009	261,256	245.5
3507 Hampshire Glen Ct	8/4/2009	266,604	191.0
3507 Hampshire Glen Ct	9/1/2009	272,718	218.4
3507 Hampshire Glen Ct	11/3/2009	284,561	188.0
3507 Hampshire Glen Ct	12/8/2009	292,581	229.1
3507 Hampshire Glen Ct	1/5/2010	299,194	236.2
3507 Hampshire Glen Ct	2/2/2010	304,606	193.3
3507 Hampshire Glen Ct	5/4/2010	321,585	186.6
3507 Hampshire Glen Ct	6/8/2010	334,929	381.3
3507 Hampshire Glen Ct	8/3/2010	346,163	200.6
3507 Hampshire Glen Ct	9/14/2010	352,753	156.9
3507 Hampshire Glen Ct	10/5/2010	356,970	200.8
3507 Hampshire Glen Ct	11/2/2010	363,057	217.4
3507 Hampshire Glen Ct	12/7/2010	370,839	222.3
3507 Hampshire Glen Ct	1/4/2011	377,774	247.7
3507 Hampshire Glen Ct	2/8/2011	384,590	194.7
3507 Hampshire Glen Ct	3/8/2011	389,800	186.1

Table 8
Summary of Private Supply Well Water Usage
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
3508 Hampshire Glen Ct	1/6/2009	269,490	-
3508 Hampshire Glen Ct	3/3/2009	282,749	236.8
3508 Hampshire Glen Ct	4/7/2009	296,708	398.8
3508 Hampshire Glen Ct	6/3/2009	305,317	151.0
3508 Hampshire Glen Ct	7/10/2009	316,573	304.2
3508 Hampshire Glen Ct	8/4/2009	322,388	232.6
3508 Hampshire Glen Ct	10/6/2009	337,967	247.3
3508 Hampshire Glen Ct	12/8/2009	357,847	315.6
3508 Hampshire Glen Ct	2/4/2010	374,400	285.4
3508 Hampshire Glen Ct	5/4/2010	395,925	241.9
3508 Hampshire Glen Ct	6/8/2010	405,710	279.6
3508 Hampshire Glen Ct	7/13/2010	415,705	285.6
3508 Hampshire Glen Ct	2/22/2011	478,811	281.7
3508 Hampshire Glen Ct	3/8/2011	482,855	288.9

Table 8
Summary of Private Supply Well Water Usage
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
3604 Hampshire Glen Ct	11/4/2008	88,453	-
3604 Hampshire Glen Ct	1/6/2009	94,130	90.1
3604 Hampshire Glen Ct	3/3/2009	99,364	93.5
3604 Hampshire Glen Ct	4/7/2009	102,633	93.4
3604 Hampshire Glen Ct	5/5/2009	105,283	94.6
3604 Hampshire Glen Ct	6/2/2009	107,739	87.7
3604 Hampshire Glen Ct	7/7/2009	110,348	74.5
3604 Hampshire Glen Ct	8/4/2009	113,186	101.4
3604 Hampshire Glen Ct	9/1/2009	115,645	87.8
3604 Hampshire Glen Ct	10/6/2009	118,917	93.5
3604 Hampshire Glen Ct	11/3/2009	121,687	98.9
3604 Hampshire Glen Ct	12/1/2009	124,611	104.4
3604 Hampshire Glen Ct	1/5/2010	127,705	88.4
3604 Hampshire Glen Ct	2/3/2010	130,442	94.4
3604 Hampshire Glen Ct	3/2/2010	132,817	88.0
3604 Hampshire Glen Ct	4/6/2010	136,041	92.1
3604 Hampshire Glen Ct	5/4/2010	138,439	85.6
3604 Hampshire Glen Ct	6/8/2010	141,345	83.0
3604 Hampshire Glen Ct	8/3/2010	146,309	88.6
3604 Hampshire Glen Ct	9/14/2010	149,409	73.8
3604 Hampshire Glen Ct	10/5/2010	151,170	83.9
3604 Hampshire Glen Ct	11/1/2010	153,857	99.5
3604 Hampshire Glen Ct	12/8/2010	157,067	86.8
3604 Hampshire Glen Ct	1/4/2011	159,474	89.1
3604 Hampshire Glen Ct	2/8/2011	162,510	86.7
3604 Hampshire Glen Ct	3/8/2011	164,865	84.1

Table 8
Summary of Private Supply Well Water Usage
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
3608 Hampshire Glen Ct	11/4/2008	204,495	-
3608 Hampshire Glen Ct	1/6/2009	220,229	249.7
3608 Hampshire Glen Ct	3/3/2009	232,066	211.4
3608 Hampshire Glen Ct	4/7/2009	239,245	205.1
3608 Hampshire Glen Ct	5/5/2009	246,070	243.8
3608 Hampshire Glen Ct	6/2/2009	253,607	269.2
3608 Hampshire Glen Ct	7/21/2009	265,340	239.4
3608 Hampshire Glen Ct	9/1/2009	273,794	201.3
3608 Hampshire Glen Ct	10/6/2009	281,265	213.5
3608 Hampshire Glen Ct	11/3/2009	286,954	203.2
3608 Hampshire Glen Ct	1/5/2010	300,482	214.7
3608 Hampshire Glen Ct	2/2/2010	306,281	207.1
3608 Hampshire Glen Ct	3/2/2010	311,951	202.5
3608 Hampshire Glen Ct	4/6/2010	320,077	232.2
3608 Hampshire Glen Ct	6/8/2010	336,942	267.7
3608 Hampshire Glen Ct	7/13/2010	351,252	408.9
3608 Hampshire Glen Ct	9/14/2010	363,397	192.8
3608 Hampshire Glen Ct	11/2/2010	375,783	252.8
3608 Hampshire Glen Ct	12/7/2010	383,210	212.2
3608 Hampshire Glen Ct	1/4/2011	389,633	229.4
3608 Hampshire Glen Ct	2/8/2011	397,523	225.4
3608 Hampshire Glen Ct	3/8/2011	403,594	216.8

Table 8
Summary of Private Supply Well Water Usage
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
14301 Jarrettsville Pike	11/3/2008	48,517	-
14301 Jarrettsville Pike	1/5/2009	51,464	46.8
14301 Jarrettsville Pike	3/4/2009	54,719	56.1
14301 Jarrettsville Pike	4/6/2009	56,617	57.5
14301 Jarrettsville Pike	5/4/2009	58,085	52.4
14301 Jarrettsville Pike	7/6/2009	60,458	37.7
14301 Jarrettsville Pike	8/3/2009	61,108	23.2
14301 Jarrettsville Pike	8/31/2009	61,795	24.5
14301 Jarrettsville Pike	10/5/2009	63,175	39.4
14301 Jarrettsville Pike	11/2/2009	64,505	47.5
14301 Jarrettsville Pike	12/7/2009	65,583	30.8
14301 Jarrettsville Pike	1/4/2010	66,556	34.8
14301 Jarrettsville Pike	2/1/2010	67,833	45.6
14301 Jarrettsville Pike	3/1/2010	69,286	51.9
14301 Jarrettsville Pike	4/5/2010	70,913	46.5
14301 Jarrettsville Pike	5/3/2010	72,026	39.8
14301 Jarrettsville Pike	6/7/2010	73,693	47.6
14301 Jarrettsville Pike	7/12/2010	75,176	42.4
14301 Jarrettsville Pike	8/2/2010	76,022	40.3
14301 Jarrettsville Pike	9/13/2010	78,611	61.6
14301 Jarrettsville Pike	10/4/2010	79,651	49.5
14301 Jarrettsville Pike	11/1/2010	80,822	41.8
14301 Jarrettsville Pike	12/6/2010	82,271	41.4
14301 Jarrettsville Pike	1/3/2011	83,393	40.1
14301 Jarrettsville Pike	2/7/2011	84,832	41.1
14301 Jarrettsville Pike	3/7/2011	85,858	36.6

Table 8
Summary of Private Supply Well Water Usage
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
14307 Jarrettsville Pike	12/22/2008	13,160	-
14307 Jarrettsville Pike	12/29/2008	16,831	524.4
14307 Jarrettsville Pike	1/5/2009	20,610	539.9
14307 Jarrettsville Pike	3/16/2009	11,064	158.1*[1]
14307 Jarrettsville Pike	4/6/2009	20,887	467.8
14307 Jarrettsville Pike	4/13/2009	25,166	611.3
14307 Jarrettsville Pike	4/20/2009	30,621	779.3
14307 Jarrettsville Pike	5/4/2009	44,484	990.2
14307 Jarrettsville Pike	6/1/2009	58,441	498.5
14307 Jarrettsville Pike	7/6/2009	66,343	225.8
14307 Jarrettsville Pike	8/3/2009	74,695	298.3
14307 Jarrettsville Pike	8/31/2009	83,796	325.0
14307 Jarrettsville Pike	10/5/2009	84,708	26.1
14307 Jarrettsville Pike	11/2/2009	104,368	702.1
14307 Jarrettsville Pike	12/7/2009	114,010	275.5
14307 Jarrettsville Pike	1/4/2010	121,806	278.4
14307 Jarrettsville Pike	2/1/2010	129,855	287.5
14307 Jarrettsville Pike	3/1/2010	138,688	315.5
14307 Jarrettsville Pike	4/6/2010	150,404	325.4
14307 Jarrettsville Pike	5/4/2010	151,841	51.3
14307 Jarrettsville Pike	6/8/2010	151,841	0*[2]
14307 Jarrettsville Pike	7/19/2010	152,842	24.1
14307 Jarrettsville Pike	7/26/2010	155,182	335.5
14307 Jarrettsville Pike	8/3/2010	157,642	308.6
14307 Jarrettsville Pike	8/10/2010	159,512	271.6
14307 Jarrettsville Pike	8/17/2010	161,229	248.0
14307 Jarrettsville Pike	8/24/2010	163,358	297.3

Table 8
Summary of Private Supply Well Water Usage
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Street Address	Date	Totalizer Reading (gallons)	Average GPD
14307 Jarrettsville Pike	8/31/2010	165,292	282.7
14307 Jarrettsville Pike	9/7/2010	167,032	241.0
14307 Jarrettsville Pike	9/14/2010	169,105	302.9
14307 Jarrettsville Pike	9/28/2010	174,497	380.9
14307 Jarrettsville Pike	10/5/2010	181,330	1003.5
14307 Jarrettsville Pike	10/12/2010	183,652	323.7
14307 Jarrettsville Pike	10/18/2010	185,660	332.0
14307 Jarrettsville Pike	10/26/2010	188,184	317.2
14307 Jarrettsville Pike	11/1/2010	190,148	322.1
14307 Jarrettsville Pike	11/9/2010	192,471	293.6
14307 Jarrettsville Pike	11/16/2010	194,570	300.3
14307 Jarrettsville Pike	11/23/2010	196,742	310.3
14307 Jarrettsville Pike	11/30/2010	198,099	193.9
14307 Jarrettsville Pike	12/7/2010	200,203	300.6
14307 Jarrettsville Pike	12/14/2010	202,060	274.3
14307 Jarrettsville Pike	12/20/2010	203,692	270.3
14307 Jarrettsville Pike	1/3/2011	205,642	139.6
14307 Jarrettsville Pike	1/17/2011	208,544	206.5
14307 Jarrettsville Pike	1/24/2011	209,453	129.9
14307 Jarrettsville Pike	1/31/2011	210,458	143.6
14307 Jarrettsville Pike	2/7/2011	211,976	216.9
14307 Jarrettsville Pike	2/15/2011	213,419	180.4
14307 Jarrettsville Pike	2/21/2011	214,714	215.8
14307 Jarrettsville Pike	3/1/2011	216,528	239.2
14307 Jarrettsville Pike	3/7/2011	217,592	177.3
14307 Jarrettsville Pike	3/15/2011	219,498	238.3
14307 Jarrettsville Pike	3/22/2011	220,879	197.3
14307 Jarrettsville Pike	3/29/2011	222,569	226.9

Notes:

GPD = gallons per day

*[1] = totalizer replaced

*[2] = totalizer not working properly

Table 9
Near Northeast Area Down-hole Geophysics Locations
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

#	Well ID	Open-hole portion of well downhole geophysics completed on:
1	MW-36C	125-300 ft-bgs
2	MW-38B	68-125 ft-bgs
3	MW-38C	125-300 ft-bgs
4	MW-47BB	55-125 ft-bgs
5	MW-47C	125-300 ft-bgs
6	MW-57	25-65 ft-bgs
7	MW-91C	80-300 ft-bgs
8	MW-91D	400-420 ft-bgs
9	MW-168	65-250 ft-bgs
10	MW-171C	125-250 ft-bgs
11	MW-176	125-250 ft-bgs
12	MW-177	125-250 ft-bgs
13	MW-178B	75-125 ft-bgs
14	MW-178C	125-300 ft-bgs
15	MW-179C	80-250 ft-bgs
16	MW-180C	125-300 ft-bgs
17	MW-181B	60-125 ft-bgs
18	MW-181C	125-300 ft-bgs
19	The private supply well located on 14307 Jarrettsville Pike	44-600 ft-fbg
20	The unused private supply well located on 3501 Hampshire Glen Court	27-300 ft-bgs
21	The unused private supply well located on 14311 Jarrettsville Pike	20-300 ft-bgs

ft-bgs = feet below ground surface

Table 10

Near Northeast Area Pressure Transducer Locations

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Data Collection Period
MW-37P	1/24/11 - Current
MW-38C	3/28/11 - 6/29/11
MW-38P	12/9/10 - Current
MW-43B	3/15/10 - Current
MW-47C	12/9/10 - 6/29/11
MW-54	5/14/10 - 2/16/11
MW-57P	5/25/10 - 6/29/11
MW-58P	3/15/10 - 6/29/11
MW-73	12/30/10 - 6/29/11
MW-74	5/26/10 -12/2/10
MW-75	5/25/10 - 12/2/10
MW-90	5/26/10 -12/7/10
MW-91	3/15/10 - Current
MW-91C	5/19/10 -12/2/10
MW-143	5/25/10 -12/7/10
MW-168	3/16/10 - Current
MW-171C	5/21/10 - 3/28/10
MW-176	5/19/10 -12/2/10
MW-177	5/19/10 - 12/7/10
MW-178C	12/9/10 - 12/29/10
MW-179C	12/9/10 - Current
MW-180A	12/9/10 - Current
MW-180C	12/9/10 - Current
MW-181A	12/30/10 - 6/29/11
MW-181C	12/30/10 - 6/29/11
PW-3501	5/19/10 - Current
PW-14311	12/30/10 - Current
PW-Hayes	5/14/10 - Current

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-32 [R]	03/02/2006	593.09	41.05	41.04	0.01	0.01	552.05	
	03/02/2006	593.09	41.07	ND	ND	N/A	552.02	
	03/03/2006	593.09	41.08	41.06	0.02	0.02	552.03	
	03/04/2006	593.09	41.61	41.45	0.16	0.12	551.60	
	03/05/2006	593.09	43.00	42.88	0.12	0.09	550.18	
	03/06/2006	593.09	43.06	42.94	0.12	0.09	550.12	
	03/06/2006	593.09	41.82	41.70	0.12	0.09	551.36	
	03/07/2006	593.09	41.97	ND	ND	N/A	551.12	
	03/08/2006	593.09	42.61	42.51	0.10	0.08	550.56	
	03/09/2006	593.09	40.45	40.41	0.04	0.03	552.67	
	03/12/2006	593.09	45.40	44.70	0.70	0.53	548.22	
	03/13/2006	593.09	45.67	45.12	0.55	0.42	547.84	
	03/14/2006	593.09	47.30	45.31	1.99	1.51	547.30	
	03/15/2006	593.09	46.67	44.69	1.98	1.50	547.92	
	03/17/2006	593.09	45.00	43.24	1.76	1.34	549.43	
	03/19/2006	593.09	44.72	43.70	1.02	0.78	549.15	
	03/21/2006	593.09	43.68	ND	ND	N/A	549.41	
	03/23/2006	593.09	44.32	44.30	0.02	0.02	548.79	
	03/24/2006	593.09	44.70	44.67	0.03	0.02	548.41	
	03/25/2006	593.09	44.18	ND	ND	N/A	548.91	
	03/26/2006	593.09	44.25	43.95	0.30	0.23	549.07	
	03/27/2006	593.09	44.14	43.83	0.31	0.24	549.19	
	03/28/2006	593.09	44.36	44.04	0.32	0.24	548.97	
	03/30/2006	593.09	34.14	33.94	0.20	0.15	559.10	
	03/31/2006	593.09	44.46	44.45	0.01	0.01	548.64	
	04/01/2006	593.09	44.98	44.93	0.05	0.04	548.15	
	04/02/2006	593.09	45.29	45.26	0.03	0.02	547.82	
	04/03/2006	593.09	45.36	ND	ND	N/A	547.73	
	04/04/2006	593.09	44.32	ND	ND	N/A	548.77	
	04/05/2006	593.09	39.85	ND	ND	N/A	553.24	
	04/06/2006	593.09	45.93	ND	ND	N/A	547.16	
	04/07/2006	593.09	45.05	ND	ND	N/A	548.04	
	04/08/2006	593.09	45.41	ND	ND	N/A	547.68	
	04/09/2006	593.09	45.08	ND	ND	N/A	548.01	
	04/10/2006	593.09	45.07	ND	ND	N/A	548.02	
	04/11/2006	593.09	44.88	ND	ND	N/A	548.21	
	04/12/2006	593.09	40.58	ND	ND	N/A	552.51	
	04/13/2006	593.09	45.15	ND	ND	N/A	547.94	
	04/14/2006	593.09	45.30	ND	ND	N/A	547.79	
	04/17/2006	593.09	47.26	ND	ND	N/A	545.83	
	04/18/2006	593.09	47.50	ND	ND	N/A	545.59	
	04/19/2006	593.09	46.12	ND	ND	N/A	546.97	
	04/21/2006	593.09	44.34	ND	ND	N/A	548.75	
	04/24/2006	593.09	44.55	ND	ND	N/A	548.54	
	04/26/2006	593.09	44.88	ND	ND	N/A	548.21	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-32 [R]	04/28/2006	593.09	44.11	ND	ND	N/A	548.98	
	05/01/2006	593.09	45.27	ND	ND	N/A	547.82	
	05/08/2006	593.09	45.23	ND	ND	N/A	547.86	
	05/15/2006	593.09	44.29	ND	ND	N/A	548.80	
	05/22/2006	593.09	45.19	ND	ND	N/A	547.90	
	05/30/2006	593.09	44.72	ND	ND	N/A	548.37	
	06/05/2006	593.09	43.84	ND	ND	N/A	549.25	
	06/12/2006	593.09	44.46	ND	ND	N/A	548.63	
	06/19/2006	593.09	43.97	ND	ND	N/A	549.12	
	06/26/2006	593.09	44.95	ND	ND	N/A	548.14	
	07/05/2006	593.09	45.45	ND	ND	N/A	547.64	
	07/10/2006	593.09	43.61	ND	ND	N/A	549.48	
	07/17/2006	593.09	41.57	ND	ND	N/A	551.52	
	07/24/2006	593.09	43.89	ND	ND	N/A	549.20	
	07/31/2006	593.09	42.11	ND	ND	N/A	550.98	
	08/14/2006	593.09	41.99	ND	ND	N/A	551.10	
	08/28/2006	593.09	45.90	ND	ND	N/A	547.19	
	09/11/2006	593.09	39.75	ND	ND	N/A	553.34	
	09/27/2006	593.09	41.13	ND	ND	N/A	551.96	
	10/09/2006	593.09	44.86	ND	ND	N/A	548.23	
	10/23/2006	593.09	44.17	ND	ND	N/A	548.92	
	11/06/2006	593.09	44.49	ND	ND	N/A	548.60	
	11/20/2006	593.09	45.31	ND	ND	N/A	547.78	
	12/04/2006	593.09	44.49	ND	ND	N/A	548.60	
	12/18/2006	593.09	44.45	ND	ND	N/A	548.64	
	01/15/2007	593.09	43.90	ND	ND	N/A	549.19	
	01/29/2007	593.09	45.77	ND	ND	N/A	547.32	
	02/12/2007	593.09	44.08	ND	ND	N/A	549.01	
	02/27/2007	593.09	37.60	ND	ND	N/A	555.49	
	03/12/2007	593.09	46.14	ND	ND	N/A	546.95	
	03/26/2007	593.09	44.40	ND	ND	N/A	548.69	
	04/09/2007	593.09	DRY	DRY	DRY	DRY	DRY	
	05/07/2007	593.09	39.39	ND	ND	N/A	553.70	
	06/04/2007	593.09	36.58	ND	ND	N/A	556.51	
	07/02/2007	593.09	45.95	ND	ND	N/A	547.14	
	08/13/2007	593.09	46.37	ND	ND	N/A	546.72	
	09/10/2007	593.09	45.92	ND	ND	N/A	547.17	
	10/08/2007	593.09	46.46	ND	ND	N/A	546.63	
	11/05/2007	593.09	47.39	ND	ND	N/A	545.70	
	12/03/2007	593.09	49.20	ND	ND	N/A	543.89	
	01/07/2008	593.09	46.08	ND	ND	N/A	547.01	
	02/05/2008	593.09	46.21	ND	ND	N/A	546.88	
	03/11/2008	593.09	45.84	ND	ND	N/A	547.25	
	04/22/2008	593.09	46.57	ND	ND	N/A	546.52	
	05/13/2008	593.09	45.80	ND	ND	N/A	547.29	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-32 [R]	06/10/2008	593.09	45.78	ND	ND	N/A	547.31	
	07/23/2008	593.09	46.00	ND	ND	N/A	547.09	
	08/13/2008	593.09	45.91	ND	ND	N/A	547.18	
	09/16/2008	593.09	46.18	ND	ND	N/A	546.91	
	10/15/2008	593.09	46.21	ND	ND	N/A	546.88	
	11/19/2008	593.09	46.40	ND	ND	N/A	546.69	
	12/09/2008	593.09	45.90	ND	ND	N/A	547.19	
	01/21/2009	593.09	46.38	ND	ND	N/A	546.71	
	02/16/2009	593.09	45.75	ND	ND	N/A	547.34	
	03/06/2009	593.09	46.55	ND	ND	N/A	546.54	
	04/14/2009	593.09	43.22	ND	ND	N/A	549.87	
	05/08/2009	593.09	46.36	ND	ND	N/A	546.73	
	06/03/2009	593.09	46.62	ND	ND	N/A	546.47	
	07/02/2009	593.09	45.99	ND	ND	N/A	547.10	
	08/06/2009	593.09	46.02	ND	ND	N/A	547.07	
	09/02/2009	593.09	46.16	ND	ND	N/A	546.93	
	10/06/2009	593.09	45.66	ND	ND	N/A	547.43	
	11/05/2009	593.09	45.58	ND	ND	N/A	547.51	
	12/03/2009	593.09	45.38	ND	ND	N/A	547.71	
	01/07/2010	593.09	46.18	ND	ND	N/A	546.91	
	02/04/2010	593.09	46.10	ND	ND	N/A	546.99	
	03/02/2010	593.09	45.87	ND	ND	N/A	547.22	
	04/07/2010	593.09	45.96	ND	ND	N/A	547.13	
	05/05/2010	593.09	42.73	ND	ND	N/A	550.36	
	06/02/2010	593.09	46.34	ND	ND	N/A	546.75	
	07/07/2010	593.09	46.00	ND	ND	N/A	547.09	
	08/05/2010	593.09	45.20	ND	ND	N/A	547.89	
	09/01/2010	593.09	45.75	ND	ND	N/A	547.34	
	10/07/2010	593.09	45.94	ND	ND	N/A	547.15	
	11/01/2010	593.09	45.51	ND	ND	N/A	547.58	
	12/02/2010	593.09	45.28	ND	ND	N/A	547.81	
	01/06/2011	593.09	46.31	ND	ND	N/A	546.78	
	02/03/2011	593.09	46.70	ND	ND	N/A	546.39	
	03/07/2011	593.09	46.78	ND	ND	N/A	546.31	
	04/07/2011	593.09	46.59	ND	ND	N/A	546.50	
	05/04/2011	593.09	45.91	ND	ND	N/A	547.18	
	06/02/2011	593.09	45.82	ND	ND	N/A	547.27	
	07/06/2011	593.09	45.68	ND	ND	N/A	547.41	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-36	03/03/2006	590.49	36.25	ND	ND	N/A	554.24	
	03/04/2006	590.49	36.14	36.03	0.11	0.08	554.43	
	03/05/2006	590.49	37.03	37.00	0.03	0.02	553.48	
	03/06/2006	590.49	37.32	ND	ND	N/A	553.17	
	03/06/2006	590.49	36.81	ND	ND	N/A	553.68	
	03/07/2006	590.49	37.33	ND	ND	N/A	553.16	
	03/08/2006	590.49	38.02	37.09	0.93	0.71	553.18	
	03/08/2006	590.49	36.79	ND	ND	N/A	553.70	
	03/12/2006	590.49	40.63	38.72	1.91	1.45	551.31	
	03/13/2006	590.49	40.48	39.04	1.44	1.09	551.10	
	03/14/2006	590.49	40.46	39.28	1.18	0.90	550.93	
	03/15/2006	590.49	40.50	39.67	0.83	0.63	550.62	
	03/16/2006	590.49	35.25	34.75	0.50	0.38	555.62	
	03/17/2006	590.49	40.30	40.00	0.30	0.23	550.42	
	03/18/2006	590.49	40.15	40.11	0.04	0.03	550.37	
	03/19/2006	590.49	40.41	40.15	0.26	0.20	550.28	
	03/21/2006	590.49	39.20	39.00	0.20	0.15	551.44	
	03/23/2006	590.49	40.12	40.00	0.12	0.09	550.46	
	03/24/2006	590.49	40.72	40.30	0.42	0.32	550.09	
	03/25/2006	590.49	39.15	38.84	0.31	0.24	551.58	
	03/26/2006	590.49	39.13	38.58	0.55	0.42	551.78	
	03/27/2006	590.49	39.73	39.19	0.54	0.41	551.17	
	03/28/2006	590.49	38.98	ND	ND	N/A	551.51	
	03/29/2006	590.49	38.00	37.99	0.01	0.01	552.50	
	03/30/2006	590.49	39.28	39.11	0.17	0.13	551.34	
	03/31/2006	590.49	39.44	ND	ND	N/A	551.05	
	04/01/2006	590.49	41.77	40.52	1.25	0.95	549.67	
	04/02/2006	590.49	41.24	40.84	0.40	0.30	549.55	
	04/03/2006	590.49	39.74	ND	ND	N/A	550.75	
	04/04/2006	590.49	39.80	ND	ND	N/A	550.69	
	04/05/2006	590.49	39.76	ND	ND	N/A	550.73	
	04/06/2006	590.49	39.84	ND	ND	N/A	550.65	
	04/07/2006	590.49	39.84	ND	ND	N/A	550.65	
	04/08/2006	590.49	39.84	39.83	0.01	0.01	550.66	
	04/09/2006	590.49	39.86	ND	ND	N/A	550.63	
	04/10/2006	590.49	39.96	39.91	0.05	0.04	550.57	
	04/11/2006	590.49	40.14	ND	ND	N/A	550.35	
	04/12/2006	590.49	40.17	40.15	0.02	0.02	550.34	
	04/13/2006	590.49	43.10	ND	ND	N/A	547.39	
	04/14/2006	590.49	43.79	ND	ND	N/A	546.70	
	04/17/2006	590.49	42.54	42.53	0.01	0.01	547.96	
	04/18/2006	590.49	41.54	ND	ND	N/A	548.95	
	04/19/2006	590.49	41.06	ND	ND	N/A	549.43	
	04/20/2006	590.49	43.10	ND	ND	N/A	547.39	
	04/21/2006	590.49	43.94	ND	ND	N/A	546.55	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-36	04/24/2006	590.49	41.96	41.95	0.01	0.01	548.54	
	04/25/2006	590.49	42.41	ND	ND	N/A	548.08	
	04/26/2006	590.49	43.60	ND	ND	N/A	546.89	
	04/27/2006	590.49	41.78	ND	ND	N/A	548.71	
	04/28/2006	590.49	43.75	ND	ND	N/A	546.74	
	05/01/2006	590.49	43.52	ND	ND	N/A	546.97	
	05/02/2006	590.49	43.80	ND	ND	N/A	546.69	
	05/03/2006	590.49	43.80	ND	ND	N/A	546.69	
	05/04/2006	590.49	44.27	ND	ND	N/A	546.22	
	05/05/2006	590.49	43.79	ND	ND	N/A	546.70	
	05/08/2006	590.49	43.91	ND	ND	N/A	546.58	
	05/09/2006	590.49	43.85	ND	ND	N/A	546.64	
	05/10/2006	590.49	43.81	ND	ND	N/A	546.68	
	05/11/2006	590.49	43.71	ND	ND	N/A	546.78	
	05/12/2006	590.49	42.28	ND	ND	N/A	548.21	
	05/15/2006	590.49	43.77	ND	ND	N/A	546.72	
	05/16/2006	590.49	42.64	42.59	0.05	0.04	547.89	
	05/17/2006	590.49	42.43	42.38	0.05	0.04	548.10	
	05/18/2006	590.49	42.64	42.60	0.04	0.03	547.88	
	05/19/2006	590.49	43.84	ND	ND	N/A	546.65	
	05/22/2006	590.49	43.02	ND	ND	N/A	547.47	
	05/23/2006	590.49	42.67	42.62	0.05	0.04	547.86	
	05/24/2006	590.49	43.02	ND	ND	N/A	547.47	
	05/25/2006	590.49	43.10	ND	ND	N/A	547.39	
	05/26/2006	590.49	42.99	42.95	0.04	0.03	547.53	
	05/30/2006	590.49	43.19	ND	ND	N/A	547.30	
	05/31/2006	590.49	43.21	43.20	0.01	0.01	547.29	
	06/01/2006	590.49	43.19	ND	ND	N/A	547.30	
	06/02/2006	590.49	43.20	ND	ND	N/A	547.29	
	06/05/2006	590.49	43.19	ND	ND	N/A	547.30	
	06/06/2006	590.49	43.26	ND	ND	N/A	547.23	
	06/07/2006	590.49	43.30	ND	ND	N/A	547.19	
	06/08/2006	590.49	43.30	ND	ND	N/A	547.19	
	06/09/2006	590.49	43.27	ND	ND	N/A	547.22	
	06/12/2006	590.49	43.73	ND	ND	N/A	546.76	
	06/13/2006	590.49	43.10	ND	ND	N/A	547.39	
	06/15/2006	590.49	43.11	ND	ND	N/A	547.38	
	06/16/2006	590.49	43.17	ND	ND	N/A	547.32	
	06/19/2006	590.49	43.22	ND	ND	N/A	547.27	
	06/20/2006	590.49	43.26	ND	ND	N/A	547.23	
	06/21/2006	590.49	43.49	ND	ND	N/A	547.00	
	06/22/2006	590.49	43.08	ND	ND	N/A	547.41	
	06/23/2006	590.49	43.30	ND	ND	N/A	547.19	
	06/26/2006	590.49	43.18	ND	ND	N/A	547.31	
	06/27/2006	590.49	42.85	ND	ND	N/A	547.64	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-36	06/28/2006	590.49	42.86	ND	ND	N/A	547.63	
	06/29/2006	590.49	42.85	ND	ND	N/A	547.64	
	06/30/2006	590.49	42.87	ND	ND	N/A	547.62	
	07/05/2006	590.49	42.62	ND	ND	N/A	547.87	
	07/06/2006	590.49	42.58	ND	ND	N/A	547.91	
	07/07/2006	590.49	42.57	ND	ND	N/A	547.92	
	07/10/2006	590.49	42.48	ND	ND	N/A	548.01	
	07/11/2006	590.49	42.05	ND	ND	N/A	548.44	
	07/12/2006	590.49	41.51	ND	ND	N/A	548.98	
	07/13/2006	590.49	41.09	ND	ND	N/A	549.40	
	07/14/2006	590.49	39.50	ND	ND	N/A	550.99	
	07/17/2006	590.49	40.30	ND	ND	N/A	550.19	
	07/18/2006	590.49	42.78	ND	ND	N/A	547.71	
	07/19/2006	590.49	43.45	ND	ND	N/A	547.04	
	07/20/2006	590.49	40.43	ND	ND	N/A	550.06	
	07/24/2006	590.49	39.94	ND	ND	N/A	550.55	
	07/25/2006	590.49	39.74	ND	ND	N/A	550.75	
	07/26/2006	590.49	39.82	ND	ND	N/A	550.67	
	07/27/2006	589.91	39.91	ND	ND	N/A	550.00	
	07/28/2006	589.91	43.15	ND	ND	N/A	546.76	
	07/31/2006	589.91	42.81	ND	ND	N/A	547.10	
	08/01/2006	589.91	40.88	ND	ND	N/A	549.03	
	08/04/2006	589.91	42.70	ND	ND	N/A	547.21	
	08/07/2006	589.91	42.42	ND	ND	N/A	547.49	
	08/08/2006	589.91	41.65	ND	ND	N/A	548.26	
	08/09/2006	589.91	42.95	ND	ND	N/A	546.96	
	08/10/2006	589.91	42.84	ND	ND	N/A	547.07	
	08/11/2006	589.91	42.95	ND	ND	N/A	546.96	
	08/14/2006	589.91	43.31	ND	ND	N/A	546.60	
	08/28/2006	589.91	43.08	ND	ND	N/A	546.83	
	09/11/2006	589.91	43.37	ND	ND	N/A	546.54	
	09/25/2006	589.91	43.16	ND	ND	N/A	546.75	
	10/09/2006	589.91	43.07	ND	ND	N/A	546.84	
	10/23/2006	589.91	42.82	ND	ND	N/A	547.09	
	11/06/2006	589.91	43.30	ND	ND	N/A	546.61	
	11/20/2006	589.91	43.08	ND	ND	N/A	546.83	
	12/04/2006	589.91	42.94	ND	ND	N/A	546.97	
	12/18/2006	589.91	42.81	ND	ND	N/A	547.10	
	01/02/2007	589.91	43.21	ND	ND	N/A	546.70	
	01/15/2007	589.91	DRY	DRY	DRY	DRY	DRY	
	01/29/2007	589.91	43.20	ND	ND	N/A	546.71	
	02/12/2007	589.91	43.37	ND	ND	N/A	546.54	
	02/27/2007	589.91	43.36	ND	ND	N/A	546.55	
	03/12/2007	589.91	43.28	ND	ND	N/A	546.63	
	03/26/2007	589.91	43.30	ND	ND	N/A	546.61	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-36	04/09/2007	589.91	43.30	ND	ND	N/A	546.61	
	05/07/2007	589.91	43.47	ND	ND	N/A	546.44	
	06/04/2007	589.91	41.90	ND	ND	N/A	548.01	
	07/02/2007	589.91	42.17	ND	ND	N/A	547.74	
	08/13/2007	589.91	42.81	ND	ND	N/A	547.10	
	09/10/2007	589.91	43.37	ND	ND	N/A	546.54	
	10/08/2007	589.91	47.92	ND	ND	N/A	541.99	
	12/03/2007	589.91	DRY	DRY	DRY	DRY	DRY	
	01/07/2008	589.91	41.73	ND	ND	N/A	548.18	
	02/05/2008	589.91	41.12	ND	ND	N/A	548.79	
	03/11/2008	589.91	42.64	ND	ND	N/A	547.27	
	04/22/2008	589.91	43.25	ND	ND	N/A	546.66	
	05/14/2008	589.91	42.58	ND	ND	N/A	547.33	
	06/10/2008	589.91	43.20	ND	ND	N/A	546.71	
	07/23/2008	589.91	43.45	ND	ND	N/A	546.46	
	08/13/2008	589.91	43.40	ND	ND	N/A	546.51	
	09/16/2008	589.91	43.21	ND	ND	N/A	546.70	
	10/15/2008	589.91	43.31	ND	ND	N/A	546.60	
	11/20/2008	589.91	43.34	ND	ND	N/A	546.57	
	12/09/2008	589.91	43.28	ND	ND	N/A	546.63	
	01/22/2009	589.91	43.48	ND	ND	N/A	546.43	
	02/16/2009	589.91	43.39	ND	ND	N/A	546.52	
	03/06/2009	589.91	40.85	ND	ND	N/A	549.06	
	04/16/2009	589.91	41.10	ND	ND	N/A	548.81	
	05/07/2009	589.91	40.32	ND	ND	N/A	549.59	
	06/03/2009	589.91	40.67	ND	ND	N/A	549.24	
	07/02/2009	589.91	40.75	ND	ND	N/A	549.16	
	08/06/2009	589.91	41.54	ND	ND	N/A	548.37	
	09/03/2009	589.91	40.59	ND	ND	N/A	549.32	
	10/06/2009	589.91	40.58	ND	ND	N/A	549.33	
	11/05/2009	589.91	40.55	ND	ND	N/A	549.36	
	12/03/2009	589.91	40.57	ND	ND	N/A	549.34	
	01/08/2010	589.91	40.22	ND	ND	N/A	549.69	
	02/03/2010	589.91	40.42	ND	ND	N/A	549.49	
	03/02/2010	589.91	40.48	ND	ND	N/A	549.43	
	04/07/2010	589.91	40.35	ND	ND	N/A	549.56	
	05/05/2010	589.91	39.70	ND	ND	N/A	550.21	
	06/02/2010	589.91	40.54	ND	ND	N/A	549.37	
	07/07/2010	589.91	40.61	ND	ND	N/A	549.30	
	08/04/2010	589.91	40.85	ND	ND	N/A	549.06	
	09/03/2010	589.91	40.69	ND	ND	N/A	549.22	
	10/05/2010	589.91	40.84	ND	ND	N/A	549.07	
	11/02/2010	589.91	40.73	ND	ND	N/A	549.18	
	12/02/2010	589.91	41.28	ND	ND	N/A	548.63	
	01/03/2011	589.91	42.37	ND	ND	N/A	547.54	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-36	02/03/2011	589.91	42.41	ND	ND	N/A	547.50	
	03/03/2011	589.91	43.04	ND	ND	N/A	546.87	
	04/06/2011	589.91	42.99	ND	ND	N/A	546.92	
	04/26/2011	589.91	43.14	ND	ND	N/A	546.77	
	05/04/2011	589.91	42.90	ND	ND	N/A	547.01	
	05/19/2011	589.91	41.47	ND	ND	N/A	548.44	
	06/01/2011	589.91	42.90	ND	ND	N/A	547.01	
	07/06/2011	589.91	42.99	ND	ND	N/A	546.92	
MW-36C	11/22/2010	590.26	121.10	ND	ND	N/A	469.16	
	12/01/2010	590.26	126.30	ND	ND	N/A	463.96	
	01/03/2011	590.26	60.08	ND	ND	N/A	530.18	
	02/03/2011	590.26	60.19	ND	ND	N/A	530.07	
	03/03/2011	590.26	58.45	ND	ND	N/A	531.81	
	04/06/2011	590.26	55.99	ND	ND	N/A	534.27	
	05/04/2011	590.26	55.08	ND	ND	N/A	535.18	
	06/01/2011	590.26	53.69	ND	ND	N/A	536.57	
	07/06/2011	590.26	54.37	ND	ND	N/A	535.89	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-36P	03/30/2006	589.83	37.41	ND	ND	N/A	552.42	
	03/31/2006	589.83	37.87	ND	ND	N/A	551.96	
	04/02/2006	589.83	39.31	ND	ND	N/A	550.52	
	04/03/2006	589.83	38.82	ND	ND	N/A	551.01	
	04/04/2006	589.83	38.74	ND	ND	N/A	551.09	
	04/05/2006	589.83	38.80	ND	ND	N/A	551.03	
	04/06/2006	589.83	38.96	ND	ND	N/A	550.87	
	04/07/2006	589.83	38.98	ND	ND	N/A	550.85	
	04/08/2006	589.83	39.05	ND	ND	N/A	550.78	
	04/09/2006	589.83	39.12	ND	ND	N/A	550.71	
	04/10/2006	589.83	38.90	ND	ND	N/A	550.93	
	04/11/2006	589.83	39.27	ND	ND	N/A	550.56	
	04/12/2006	589.83	39.39	ND	ND	N/A	550.44	
	04/13/2006	589.83	40.35	ND	ND	N/A	549.48	
	04/14/2006	589.83	40.53	ND	ND	N/A	549.30	
	04/17/2006	589.83	40.80	ND	ND	N/A	549.03	
	04/18/2006	589.83	40.76	ND	ND	N/A	549.07	
	04/19/2006	589.83	39.99	ND	ND	N/A	549.84	
	04/21/2006	589.83	40.90	ND	ND	N/A	548.93	
	04/24/2006	589.83	40.95	ND	ND	N/A	548.88	
	04/26/2006	589.83	41.18	ND	ND	N/A	548.65	
	04/28/2006	589.83	41.23	ND	ND	N/A	548.60	
	05/01/2006	589.83	41.21	ND	ND	N/A	548.62	
	05/08/2006	589.83	41.49	ND	ND	N/A	548.34	
	05/15/2006	589.83	42.01	ND	ND	N/A	547.82	
	05/22/2006	589.83	42.06	ND	ND	N/A	547.77	
	05/30/2006	589.83	42.53	ND	ND	N/A	547.30	
	06/05/2006	589.83	42.53	ND	ND	N/A	547.30	
	06/12/2006	589.83	42.82	ND	ND	N/A	547.01	
	06/19/2006	589.83	42.84	ND	ND	N/A	546.99	
	06/26/2006	589.83	43.04	ND	ND	N/A	546.79	
	07/03/2006	589.83	41.91	ND	ND	N/A	547.92	
	07/05/2006	589.83	41.58	ND	ND	N/A	548.25	
	07/10/2006	589.83	41.49	ND	ND	N/A	548.34	
	07/17/2006	589.83	40.55	ND	ND	N/A	549.28	
	07/24/2006	589.83	39.69	ND	ND	N/A	550.14	
	07/31/2006	589.65	41.02	ND	ND	N/A	548.63	
	08/14/2006	589.65	41.78	ND	ND	N/A	547.87	
	08/28/2006	589.65	42.12	ND	ND	N/A	547.53	
	09/11/2006	589.65	42.03	ND	ND	N/A	547.62	
	09/25/2006	589.65	42.09	ND	ND	N/A	547.56	
	10/09/2006	589.65	42.13	ND	ND	N/A	547.52	
	10/23/2006	589.65	42.01	ND	ND	N/A	547.64	
	11/06/2006	589.65	41.81	ND	ND	N/A	547.84	
	11/20/2006	589.65	41.83	ND	ND	N/A	547.82	

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Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-36P	12/04/2006	589.65	41.25	ND	ND	N/A	548.40	
	12/18/2006	589.65	41.15	ND	ND	N/A	548.50	
	01/02/2007	589.65	41.84	ND	ND	N/A	547.81	
	01/15/2007	589.65	41.61	ND	ND	N/A	548.04	
	01/29/2007	589.65	41.26	ND	ND	N/A	548.39	
	02/12/2007	589.65	42.05	ND	ND	N/A	547.60	
	03/12/2007	589.65	DRY	DRY	DRY	DRY	DRY	
	03/26/2007	589.65	42.45	ND	ND	N/A	547.20	
	04/09/2007	589.65	42.29	ND	ND	N/A	547.36	
	05/07/2007	589.65	42.02	ND	ND	N/A	547.63	
	06/04/2007	589.65	40.94	ND	ND	N/A	548.71	
	07/02/2007	589.65	42.38	ND	ND	N/A	547.27	
	08/13/2007	589.65	39.75	ND	ND	N/A	549.90	
	09/10/2007	589.65	DRY	DRY	DRY	DRY	DRY	
	10/08/2007	589.65	42.97	ND	ND	N/A	546.68	
	11/05/2007	589.65	42.80	ND	ND	N/A	546.85	
	12/03/2007	589.65	42.82	ND	ND	N/A	546.83	
	01/07/2008	589.65	41.69	ND	ND	N/A	547.96	
	02/05/2008	589.65	41.21	ND	ND	N/A	548.44	
	03/11/2008	589.65	42.10	ND	ND	N/A	547.55	
	04/22/2008	589.65	41.79	ND	ND	N/A	547.86	
	05/14/2008	589.65	41.15	ND	ND	N/A	548.50	
	06/09/2008	589.65	40.66	ND	ND	N/A	548.99	
	07/23/2008	589.65	40.56	ND	ND	N/A	549.09	
	08/13/2008	589.65	40.63	ND	ND	N/A	549.02	
	09/16/2008	589.65	40.56	ND	ND	N/A	549.09	
	10/15/2008	589.65	40.97	ND	ND	N/A	548.68	
	11/20/2008	589.65	41.20	ND	ND	N/A	548.45	
	12/08/2008	589.65	41.21	ND	ND	N/A	548.44	
	01/19/2009	589.65	40.56	ND	ND	N/A	549.09	
	02/16/2009	589.65	40.98	ND	ND	N/A	548.67	
	03/05/2009	589.65	40.91	ND	ND	N/A	548.74	
	04/13/2009	589.65	40.25	ND	ND	N/A	549.40	
	05/06/2009	589.65	40.27	ND	ND	N/A	549.38	
	06/02/2009	589.65	42.16	ND	ND	N/A	547.49	
	07/01/2009	589.65	41.60	ND	ND	N/A	548.05	
	08/05/2009	589.65	42.11	ND	ND	N/A	547.54	
	09/01/2009	589.65	42.35	ND	ND	N/A	547.30	
	10/01/2009	589.65	41.66	ND	ND	N/A	547.99	
	11/03/2009	589.65	41.34	ND	ND	N/A	548.31	
	12/01/2009	589.65	40.81	ND	ND	N/A	548.84	
	01/04/2010	589.65	39.56	ND	ND	N/A	550.09	
	02/02/2010	589.65	39.23	ND	ND	N/A	550.42	
	03/02/2010	589.65	39.41	ND	ND	N/A	550.24	
	04/07/2010	589.65	38.05	ND	ND	N/A	551.60	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-36P	05/04/2010	589.65	36.81	ND	ND	N/A	552.84	
	06/02/2010	589.65	39.54	ND	ND	N/A	550.11	
	07/06/2010	589.65	39.98	ND	ND	N/A	549.67	
	08/02/2010	589.65	40.92	ND	ND	N/A	548.73	
	09/02/2010	589.65	41.68	ND	ND	N/A	547.97	
	10/08/2010	589.65	42.33	ND	ND	N/A	547.32	
	11/01/2010	589.65	41.92	ND	ND	N/A	547.73	
	12/01/2010	589.65	42.39	ND	ND	N/A	547.26	
	01/03/2011	589.65	DRY	DRY	DRY	DRY	DRY	Dry
	02/03/2011	589.65	DRY	DRY	DRY	DRY	DRY	Dry
	03/03/2011	589.65	DRY	DRY	DRY	DRY	DRY	
	04/26/2011	589.65	DRY	DRY	DRY	DRY	DRY	Dry
	05/04/2011	589.65	42.78	ND	ND	N/A	546.87	
	05/19/2011	589.65	44.26	ND	ND	N/A	545.39	
	06/01/2011	589.65	DRY	DRY	DRY	DRY	DRY	Dry
	07/06/2011	589.65	DRY	DRY	DRY	DRY	DRY	Dry
MW-36R [R]	11/04/2010	590.30	42.60	ND	ND	N/A	547.70	
	12/01/2010	590.30	44.32	ND	ND	N/A	545.98	
	01/04/2011	589.54	75.55	ND	ND	N/A	513.99	
	02/02/2011	589.54	75.69	ND	ND	N/A	513.85	
	03/08/2011	589.54	75.95	ND	ND	N/A	513.59	
	04/05/2011	589.54	75.52	ND	ND	N/A	514.02	
	05/03/2011	589.54	75.57	ND	ND	N/A	513.97	
	06/01/2011	589.54	75.92	ND	ND	N/A	513.62	
	07/05/2011	589.54	75.70	ND	ND	N/A	513.84	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-37 [R]	03/04/2006	591.26	32.67	ND	ND	N/A	558.59	
	03/04/2006	591.26	32.27	ND	ND	N/A	558.99	
	03/05/2006	591.26	32.25	ND	ND	N/A	559.01	
	03/05/2006	591.26	32.25	ND	ND	N/A	559.01	
	03/05/2006	591.26	32.17	ND	ND	N/A	559.09	
	03/06/2006	591.26	32.17	ND	ND	N/A	559.09	
	03/06/2006	591.26	32.12	ND	ND	N/A	559.14	
	03/07/2006	591.26	32.20	ND	ND	N/A	559.06	
	03/08/2006	591.26	32.36	ND	ND	N/A	558.90	
	03/09/2006	591.26	34.46	ND	ND	N/A	556.80	
	03/10/2006	591.26	34.01	ND	ND	N/A	557.25	
	03/12/2006	591.26	58.92	ND	ND	N/A	532.34	
	03/13/2006	591.26	37.23	ND	ND	N/A	554.03	
	03/14/2006	591.26	54.52	ND	ND	N/A	536.74	
	03/15/2006	591.26	54.15	ND	ND	N/A	537.11	
	03/16/2006	591.26	69.24	ND	ND	N/A	522.02	
	03/17/2006	591.26	69.04	ND	ND	N/A	522.22	
	03/18/2006	591.26	69.09	ND	ND	N/A	522.17	
	03/19/2006	591.26	69.13	ND	ND	N/A	522.13	
	03/21/2006	591.26	69.45	ND	ND	N/A	521.81	
	03/23/2006	591.26	69.74	ND	ND	N/A	521.52	
	03/24/2006	591.26	69.94	ND	ND	N/A	521.32	
	03/25/2006	591.26	34.92	ND	ND	N/A	556.34	
	03/26/2006	591.26	34.23	ND	ND	N/A	557.03	
	03/27/2006	591.26	34.15	ND	ND	N/A	557.11	
	03/28/2006	591.26	33.91	ND	ND	N/A	557.35	
	03/29/2006	591.26	33.82	ND	ND	N/A	557.44	
	03/30/2006	591.26	33.71	ND	ND	N/A	557.55	
	03/31/2006	591.26	56.36	ND	ND	N/A	534.90	
	04/01/2006	591.26	56.33	ND	ND	N/A	534.93	
	04/02/2006	591.26	56.37	ND	ND	N/A	534.89	
	04/03/2006	591.26	56.49	ND	ND	N/A	534.77	
	04/04/2006	591.26	56.45	ND	ND	N/A	534.81	
	04/05/2006	591.26	56.56	ND	ND	N/A	534.70	
	04/06/2006	591.26	36.59	ND	ND	N/A	554.67	
	04/07/2006	591.26	34.93	ND	ND	N/A	556.33	
	04/08/2006	591.26	34.71	ND	ND	N/A	556.55	
	04/09/2006	591.26	34.60	ND	ND	N/A	556.66	
	04/10/2006	591.26	34.48	ND	ND	N/A	556.78	
	04/11/2006	591.26	34.25	ND	ND	N/A	557.01	
	04/12/2006	591.26	34.13	ND	ND	N/A	557.13	
	04/13/2006	591.26	34.21	ND	ND	N/A	557.05	
	04/14/2006	591.26	34.12	ND	ND	N/A	557.14	
	04/17/2006	591.26	33.77	ND	ND	N/A	557.49	
	04/18/2006	591.26	33.75	ND	ND	N/A	557.51	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-37 [R]	04/19/2006	591.26	33.79	ND	ND	N/A	557.47	
	04/21/2006	591.26	33.62	ND	ND	N/A	557.64	
	04/24/2006	591.26	33.62	ND	ND	N/A	557.64	
	04/26/2006	591.26	33.52	ND	ND	N/A	557.74	
	04/28/2006	591.26	33.49	ND	ND	N/A	557.77	
	05/01/2006	591.26	33.38	ND	ND	N/A	557.88	
	05/08/2006	591.26	33.22	ND	ND	N/A	558.04	
	05/15/2006	591.26	33.06	ND	ND	N/A	558.20	
	05/22/2006	591.26	56.25	ND	ND	N/A	535.01	
	05/30/2006	591.26	56.65	ND	ND	N/A	534.61	
	06/05/2006	591.26	56.65	ND	ND	N/A	534.61	
	06/12/2006	591.26	56.98	ND	ND	N/A	534.28	
	06/19/2006	591.26	54.65	ND	ND	N/A	536.61	
	06/26/2006	591.26	44.92	ND	ND	N/A	546.34	
	07/05/2006	591.26	56.80	ND	ND	N/A	534.46	
	07/10/2006	591.26	56.69	ND	ND	N/A	534.57	
	07/17/2006	591.26	54.95	ND	ND	N/A	536.31	
	07/24/2006	591.26	56.99	ND	ND	N/A	534.27	
	07/31/2006	591.26	54.26	ND	ND	N/A	537.00	
	08/14/2006	591.26	54.78	ND	ND	N/A	536.48	
	08/28/2006	591.26	57.06	ND	ND	N/A	534.20	
	09/11/2006	591.26	56.31	ND	ND	N/A	534.95	
	09/25/2006	591.26	54.53	ND	ND	N/A	536.73	
	10/09/2006	591.26	55.82	ND	ND	N/A	535.44	
	10/23/2006	591.26	56.76	ND	ND	N/A	534.50	
	11/06/2006	591.26	56.75	ND	ND	N/A	534.51	
	11/20/2006	591.26	57.08	ND	ND	N/A	534.18	
	12/04/2006	591.26	54.71	ND	ND	N/A	536.55	
	12/18/2006	591.26	55.30	ND	ND	N/A	535.96	
	01/02/2007	591.26	59.06	ND	ND	N/A	532.20	
	01/15/2007	591.26	55.91	ND	ND	N/A	535.35	
	01/29/2007	591.26	57.00	ND	ND	N/A	534.26	
	02/12/2007	591.26	55.31	ND	ND	N/A	535.95	
	02/27/2007	591.26	56.23	ND	ND	N/A	535.03	
	03/12/2007	591.26	57.01	ND	ND	N/A	534.25	
	03/26/2007	591.26	57.07	ND	ND	N/A	534.19	
	04/09/2007	591.26	56.90	ND	ND	N/A	534.36	
	05/07/2007	591.26	56.91	ND	ND	N/A	534.35	
	06/04/2007	591.26	53.36	ND	ND	N/A	537.90	
	07/02/2007	591.26	56.70	ND	ND	N/A	534.56	
	08/13/2007	591.26	36.05	ND	ND	N/A	555.21	
	09/10/2007	591.26	56.81	ND	ND	N/A	534.45	
	10/08/2007	591.26	54.33	ND	ND	N/A	536.93	
	11/05/2007	591.26	56.56	ND	ND	N/A	534.70	
	12/03/2007	591.26	57.55	ND	ND	N/A	533.71	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-37 [R]	01/07/2008	591.26	57.11	ND	ND	N/A	534.15	
	02/05/2008	591.26	56.79	ND	ND	N/A	534.47	
	03/11/2008	591.26	57.06	ND	ND	N/A	534.20	
	04/22/2008	591.26	56.84	ND	ND	N/A	534.42	
	05/14/2008	591.26	54.77	ND	ND	N/A	536.49	
	06/10/2008	591.26	56.94	ND	ND	N/A	534.32	
	07/23/2008	591.26	56.90	ND	ND	N/A	534.36	
	08/13/2008	591.26	57.08	ND	ND	N/A	534.18	
	09/16/2008	591.26	56.16	ND	ND	N/A	535.10	
	10/15/2008	591.26	57.15	ND	ND	N/A	534.11	
	11/20/2008	591.26	56.74	ND	ND	N/A	534.52	
	12/09/2008	591.26	56.76	ND	ND	N/A	534.50	
	01/21/2009	591.26	56.98	ND	ND	N/A	534.28	
	02/16/2009	591.26	56.84	ND	ND	N/A	534.42	
	03/06/2009	591.26	56.86	ND	ND	N/A	534.40	
	04/16/2009	591.26	57.22	ND	ND	N/A	534.04	
	05/07/2009	591.26	56.82	ND	ND	N/A	534.44	
	06/03/2009	591.26	57.15	ND	ND	N/A	534.11	
	07/02/2009	591.26	56.85	ND	ND	N/A	534.41	
	08/06/2009	591.26	57.12	ND	ND	N/A	534.14	
	09/03/2009	591.26	56.95	ND	ND	N/A	534.31	
	10/06/2009	591.26	56.87	ND	ND	N/A	534.39	
	11/05/2009	591.26	56.49	ND	ND	N/A	534.77	
	12/03/2009	591.26	56.98	ND	ND	N/A	534.28	
	01/06/2010	591.26	59.45	ND	ND	N/A	531.81	
	02/03/2010	591.26	59.40	ND	ND	N/A	531.86	
	03/02/2010	591.26	59.57	ND	ND	N/A	531.69	
	04/07/2010	591.26	59.37	ND	ND	N/A	531.89	
	05/05/2010	591.26	58.37	ND	ND	N/A	532.89	
	06/02/2010	591.26	59.02	ND	ND	N/A	532.24	
	07/07/2010	591.26	59.98	ND	ND	N/A	531.28	
	08/04/2010	591.26	58.94	ND	ND	N/A	532.32	
	09/03/2010	591.26	60.17	ND	ND	N/A	531.09	
	10/05/2010	591.26	60.38	ND	ND	N/A	530.88	
	11/02/2010	591.26	62.81	ND	ND	N/A	528.45	
	12/02/2010	591.26	63.77	ND	ND	N/A	527.49	
	01/05/2011	591.26	64.90	ND	ND	N/A	526.36	
	02/02/2011	591.26	60.97	ND	ND	N/A	530.29	
	03/08/2011	591.26	62.50	ND	ND	N/A	528.76	
	04/06/2011	591.26	65.80	ND	ND	N/A	525.46	
	05/03/2011	591.26	67.21	ND	ND	N/A	524.05	
	06/03/2011	591.26	66.93	ND	ND	N/A	524.33	
	07/05/2011	591.26	65.96	ND	ND	N/A	525.30	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-37P	04/02/2006	590.81	34.46	ND	ND	N/A	556.35	
	04/03/2006	590.81	34.51	ND	ND	N/A	556.30	
	04/04/2006	590.81	34.60	ND	ND	N/A	556.21	
	04/05/2006	590.81	34.67	ND	ND	N/A	556.14	
	04/06/2006	590.81	34.76	ND	ND	N/A	556.05	
	04/07/2006	590.81	34.64	ND	ND	N/A	556.17	
	04/08/2006	590.81	34.43	ND	ND	N/A	556.38	
	04/09/2006	590.81	34.37	ND	ND	N/A	556.44	
	04/10/2006	590.81	34.30	ND	ND	N/A	556.51	
	04/11/2006	590.81	34.24	ND	ND	N/A	556.57	
	04/12/2006	590.81	34.22	ND	ND	N/A	556.59	
	04/13/2006	590.81	34.15	ND	ND	N/A	556.66	
	04/14/2006	590.81	33.96	ND	ND	N/A	556.85	
	04/17/2006	590.81	33.87	ND	ND	N/A	556.94	
	04/18/2006	590.81	33.87	ND	ND	N/A	556.94	
	04/19/2006	590.81	33.43	ND	ND	N/A	557.38	
	04/21/2006	590.81	33.65	ND	ND	N/A	557.16	
	04/24/2006	590.81	33.10	ND	ND	N/A	557.71	
	04/26/2006	590.81	33.49	ND	ND	N/A	557.32	
	04/28/2006	590.81	33.44	ND	ND	N/A	557.37	
	05/01/2006	590.81	33.34	ND	ND	N/A	557.47	
	05/08/2006	590.81	33.25	ND	ND	N/A	557.56	
	05/15/2006	590.81	33.14	ND	ND	N/A	557.67	
	05/22/2006	590.81	34.25	ND	ND	N/A	556.56	
	05/30/2006	590.81	35.22	ND	ND	N/A	555.59	
	06/05/2006	590.81	35.58	ND	ND	N/A	555.23	
	06/12/2006	590.81	36.02	ND	ND	N/A	554.79	
	06/19/2006	590.81	36.75	ND	ND	N/A	554.06	
	06/26/2006	590.81	36.80	ND	ND	N/A	554.01	
	07/03/2006	590.81	37.03	ND	ND	N/A	553.78	
	07/05/2006	590.81	37.03	ND	ND	N/A	553.78	
	07/10/2006	590.81	37.20	ND	ND	N/A	553.61	
	07/17/2006	590.81	37.00	ND	ND	N/A	553.81	
	07/24/2006	590.81	37.32	ND	ND	N/A	553.49	
	07/31/2006	590.81	38.01	ND	ND	N/A	552.80	
	08/14/2006	590.81	37.24	ND	ND	N/A	553.57	
	08/28/2006	590.81	37.43	ND	ND	N/A	553.38	
	09/11/2006	590.81	37.62	ND	ND	N/A	553.19	
	09/25/2006	590.81	38.86	ND	ND	N/A	551.95	
	10/09/2006	590.81	41.43	ND	ND	N/A	549.38	
	10/23/2006	590.81	39.46	ND	ND	N/A	551.35	
	11/06/2006	590.81	40.17	ND	ND	N/A	550.64	
	11/20/2006	590.81	41.20	ND	ND	N/A	549.61	
	12/04/2006	590.81	40.25	ND	ND	N/A	550.56	
	12/18/2006	590.81	42.76	ND	ND	N/A	548.05	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-37P	01/02/2007	590.81	42.99	ND	ND	N/A	547.82	
	01/15/2007	590.81	41.21	ND	ND	N/A	549.60	
	01/29/2007	590.81	40.72	ND	ND	N/A	550.09	
	02/12/2007	590.81	41.32	ND	ND	N/A	549.49	
	02/27/2007	590.81	42.06	ND	ND	N/A	548.75	
	03/12/2007	590.81	42.78	ND	ND	N/A	548.03	
	03/26/2007	590.81	38.59	ND	ND	N/A	552.22	
	04/09/2007	590.81	38.29	ND	ND	N/A	552.52	
	05/07/2007	590.81	37.84	ND	ND	N/A	552.97	
	06/04/2007	590.81	37.55	ND	ND	N/A	553.26	
	07/02/2007	590.81	37.82	ND	ND	N/A	552.99	
	08/13/2007	590.81	36.13	ND	ND	N/A	554.68	
	09/10/2007	590.81	35.87	ND	ND	N/A	554.94	
	10/08/2007	590.81	35.84	ND	ND	N/A	554.97	
	11/05/2007	590.81	37.31	ND	ND	N/A	553.50	
	12/03/2007	590.81	35.95	ND	ND	N/A	554.86	
	01/07/2008	590.81	36.67	ND	ND	N/A	554.14	
	02/05/2008	590.81	36.75	ND	ND	N/A	554.06	
	03/11/2008	590.81	37.02	ND	ND	N/A	553.79	
	04/22/2008	590.81	36.49	ND	ND	N/A	554.32	
	05/14/2008	590.81	36.18	ND	ND	N/A	554.63	
	06/09/2008	590.81	35.57	ND	ND	N/A	555.24	
	07/23/2008	590.81	34.95	ND	ND	N/A	555.86	
	08/13/2008	590.81	34.74	ND	ND	N/A	556.07	
	09/16/2008	590.81	34.95	ND	ND	N/A	555.86	
	10/15/2008	590.81	35.21	ND	ND	N/A	555.60	
	11/20/2008	590.81	34.59	ND	ND	N/A	556.22	
	12/08/2008	590.81	35.25	ND	ND	N/A	555.56	
	01/20/2009	590.81	35.09	ND	ND	N/A	555.72	
	02/16/2009	590.81	36.35	ND	ND	N/A	554.46	
	03/05/2009	590.81	36.23	ND	ND	N/A	554.58	
	04/13/2009	590.81	33.89	ND	ND	N/A	556.92	
	05/06/2009	590.81	35.33	ND	ND	N/A	555.48	
	06/02/2009	590.81	37.92	ND	ND	N/A	552.89	
	07/01/2009	590.81	47.21	ND	ND	N/A	543.60	
	08/05/2009	590.81	51.30	ND	ND	N/A	539.51	
	09/01/2009	590.81	48.06	ND	ND	N/A	542.75	
	10/01/2009	590.81	52.67	ND	ND	N/A	538.14	
	11/03/2009	590.81	53.29	ND	ND	N/A	537.52	
	12/01/2009	590.81	54.00	ND	ND	N/A	536.81	
	01/18/2010	590.81	40.54	ND	ND	N/A	550.27	
	02/02/2010	590.81	37.10	ND	ND	N/A	553.71	
	03/02/2010	590.81	35.78	ND	ND	N/A	555.03	
	04/07/2010	590.81	35.06	ND	ND	N/A	555.75	
	05/04/2010	590.81	34.69	ND	ND	N/A	556.12	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-37P	06/02/2010	590.81	35.48	ND	ND	N/A	555.33	
	07/06/2010	590.81	36.43	ND	ND	N/A	554.38	
	08/02/2010	590.81	37.39	ND	ND	N/A	553.42	
	09/01/2010	590.81	39.41	ND	ND	N/A	551.40	
	10/08/2010	590.81	53.47	ND	ND	N/A	537.34	
	11/01/2010	590.81	69.59	ND	ND	N/A	521.22	
	12/01/2010	590.81	74.77	ND	ND	N/A	516.04	
	01/03/2011	590.81	74.91	ND	ND	N/A	515.90	
	02/03/2011	590.81	86.58	ND	ND	N/A	504.23	
	03/03/2011	590.81	82.77	ND	ND	N/A	508.04	
	04/05/2011	590.81	80.78	ND	ND	N/A	510.03	
	04/26/2011	590.81	78.53	ND	ND	N/A	512.28	
	05/02/2011	590.81	87.24	ND	ND	N/A	503.57	
	05/19/2011	590.81	82.30	ND	ND	N/A	508.51	
	06/01/2011	590.81	83.65	ND	ND	N/A	507.16	
	07/06/2011	590.81	83.62	ND	ND	N/A	507.19	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-38 [R]	03/04/2006	595.05	34.80	ND	ND	N/A	560.25	
	03/04/2006	595.05	34.67	ND	ND	N/A	560.38	
	03/05/2006	595.05	34.66	ND	ND	N/A	560.39	
	03/05/2006	595.05	35.63	ND	ND	N/A	559.42	
	03/05/2006	595.05	34.53	ND	ND	N/A	560.52	
	03/06/2006	595.05	34.52	ND	ND	N/A	560.53	
	03/06/2006	595.05	34.48	ND	ND	N/A	560.57	
	03/07/2006	595.05	34.80	ND	ND	N/A	560.25	
	03/08/2006	595.05	34.71	ND	ND	N/A	560.34	
	03/09/2006	595.05	34.48	ND	ND	N/A	560.57	
	03/10/2006	595.05	37.52	ND	ND	N/A	557.53	
	03/12/2006	595.05	53.96	ND	ND	N/A	541.09	
	03/13/2006	595.05	55.28	ND	ND	N/A	539.77	
	03/14/2006	595.05	55.60	ND	ND	N/A	539.45	
	03/15/2006	595.05	43.15	ND	ND	N/A	551.90	
	03/17/2006	595.05	56.80	ND	ND	N/A	538.25	
	03/18/2006	595.05	56.86	ND	ND	N/A	538.19	
	03/19/2006	595.05	56.50	ND	ND	N/A	538.55	
	03/21/2006	595.05	56.80	ND	ND	N/A	538.25	
	03/23/2006	595.05	58.02	ND	ND	N/A	537.03	
	03/24/2006	595.05	55.40	ND	ND	N/A	539.65	
	03/25/2006	595.05	38.85	ND	ND	N/A	556.20	
	03/26/2006	595.05	37.95	ND	ND	N/A	557.10	
	03/27/2006	595.05	37.49	ND	ND	N/A	557.56	
	03/28/2006	595.05	38.60	ND	ND	N/A	556.45	
	03/29/2006	595.05	38.59	ND	ND	N/A	556.46	
	03/30/2006	595.05	38.45	ND	ND	N/A	556.60	
	03/31/2006	595.05	57.64	ND	ND	N/A	537.41	
	04/01/2006	595.05	59.53	ND	ND	N/A	535.52	
	04/02/2006	595.05	59.89	ND	ND	N/A	535.16	
	04/03/2006	595.05	59.96	ND	ND	N/A	535.09	
	04/04/2006	595.05	60.00	ND	ND	N/A	535.05	
	04/05/2006	595.05	54.70	ND	ND	N/A	540.35	
	04/06/2006	595.05	57.04	ND	ND	N/A	538.01	
	04/07/2006	595.05	41.50	ND	ND	N/A	553.55	
	04/08/2006	595.05	52.70	ND	ND	N/A	542.35	
	04/09/2006	595.05	39.84	ND	ND	N/A	555.21	
	04/10/2006	595.05	38.40	ND	ND	N/A	556.65	
	04/11/2006	595.05	38.04	ND	ND	N/A	557.01	
	04/12/2006	595.05	37.15	ND	ND	N/A	557.90	
	04/13/2006	595.05	37.00	ND	ND	N/A	558.05	
	04/14/2006	595.05	36.81	ND	ND	N/A	558.24	
	04/17/2006	595.05	36.36	ND	ND	N/A	558.69	
	04/18/2006	595.05	36.40	ND	ND	N/A	558.65	
	04/19/2006	595.05	36.38	ND	ND	N/A	558.67	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-38 [R]	04/21/2006	595.05	36.26	ND	ND	N/A	558.79	
	04/24/2006	595.05	36.17	ND	ND	N/A	558.88	
	04/26/2006	595.05	38.11	ND	ND	N/A	556.94	
	04/28/2006	595.05	36.00	ND	ND	N/A	559.05	
	05/08/2006	595.05	35.79	ND	ND	N/A	559.26	
	05/15/2006	595.05	35.05	ND	ND	N/A	560.00	
	05/22/2006	595.05	58.73	ND	ND	N/A	536.32	
	05/30/2006	595.05	57.70	ND	ND	N/A	537.35	
	06/05/2006	595.05	57.70	ND	ND	N/A	537.35	
	06/12/2006	595.05	58.89	ND	ND	N/A	536.16	
	06/19/2006	595.05	58.15	ND	ND	N/A	536.90	
	06/26/2006	595.05	58.32	ND	ND	N/A	536.73	
	07/05/2006	595.05	57.44	ND	ND	N/A	537.61	
	07/10/2006	595.05	53.79	ND	ND	N/A	541.26	
	07/17/2006	595.05	56.60	ND	ND	N/A	538.45	
	07/24/2006	595.05	48.56	ND	ND	N/A	546.49	
	07/31/2006	595.05	40.78	ND	ND	N/A	554.27	
	08/14/2006	595.05	50.51	ND	ND	N/A	544.54	
	08/28/2006	595.05	56.77	ND	ND	N/A	538.28	
	09/11/2006	595.05	58.00	ND	ND	N/A	537.05	
	09/25/2006	595.05	58.11	ND	ND	N/A	536.94	
	10/09/2006	595.05	57.03	ND	ND	N/A	538.02	
	10/23/2006	595.05	58.88	ND	ND	N/A	536.17	
	11/06/2006	595.05	58.91	ND	ND	N/A	536.14	
	11/20/2006	595.05	58.81	ND	ND	N/A	536.24	
	12/04/2006	595.05	59.06	ND	ND	N/A	535.99	
	12/18/2006	595.05	58.80	ND	ND	N/A	536.25	
	01/02/2007	595.05	58.94	ND	ND	N/A	536.11	
	01/15/2007	595.05	58.91	ND	ND	N/A	536.14	
	01/29/2007	595.05	58.81	ND	ND	N/A	536.24	
	02/12/2007	595.05	58.35	ND	ND	N/A	536.70	
	02/27/2007	595.05	57.75	ND	ND	N/A	537.30	
	03/12/2007	595.05	55.67	ND	ND	N/A	539.38	
	03/26/2007	595.05	58.23	ND	ND	N/A	536.82	
	04/09/2007	595.05	58.73	ND	ND	N/A	536.32	
	05/07/2007	595.05	58.70	ND	ND	N/A	536.35	
	06/04/2007	595.05	47.40	ND	ND	N/A	547.65	
	07/02/2007	595.05	59.84	ND	ND	N/A	535.21	
	08/13/2007	595.05	38.68	ND	ND	N/A	556.37	
	09/10/2007	595.05	38.14	ND	ND	N/A	556.91	
	10/08/2007	595.05	38.35	ND	ND	N/A	556.70	
	11/05/2007	595.05	38.73	ND	ND	N/A	556.32	
	12/03/2007	595.05	41.95	ND	ND	N/A	553.10	
	01/07/2008	595.05	39.38	ND	ND	N/A	555.67	
	02/05/2008	595.05	39.53	ND	ND	N/A	555.52	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-38 [R]	03/11/2008	595.05	39.59	ND	ND	N/A	555.46	
	04/22/2008	595.05	39.08	ND	ND	N/A	555.97	
	05/14/2008	595.05	39.01	ND	ND	N/A	556.04	
	06/09/2008	595.05	38.21	ND	ND	N/A	556.84	
	07/23/2008	595.05	37.48	ND	ND	N/A	557.57	
	08/13/2008	595.05	37.30	ND	ND	N/A	557.75	
	09/16/2008	595.05	37.87	ND	ND	N/A	557.18	
	10/15/2008	595.05	38.09	ND	ND	N/A	556.96	
	11/20/2008	595.05	38.63	ND	ND	N/A	556.42	
	12/08/2008	595.05	37.16	ND	ND	N/A	557.89	
	01/19/2009	595.05	39.23	ND	ND	N/A	555.82	
	02/16/2009	595.05	39.60	ND	ND	N/A	555.45	
	03/05/2009	595.05	38.88	ND	ND	N/A	556.17	
	04/13/2009	595.05	39.72	ND	ND	N/A	555.33	
	05/07/2009	595.05	57.80	ND	ND	N/A	537.25	
	06/03/2009	595.05	57.75	ND	ND	N/A	537.30	
	07/02/2009	595.05	57.57	ND	ND	N/A	537.48	
	08/06/2009	595.05	57.61	ND	ND	N/A	537.44	
	09/03/2009	595.05	57.55	ND	ND	N/A	537.50	
	10/06/2009	595.05	57.42	ND	ND	N/A	537.63	
	11/05/2009	595.05	55.03	ND	ND	N/A	540.02	
	12/03/2009	595.05	57.25	ND	ND	N/A	537.80	
	01/06/2010	595.05	57.33	ND	ND	N/A	537.72	
	02/03/2010	595.05	57.21	ND	ND	N/A	537.84	
	03/02/2010	595.05	57.65	ND	ND	N/A	537.40	
	04/07/2010	595.05	57.90	ND	ND	N/A	537.15	
	05/05/2010	595.05	57.68	ND	ND	N/A	537.37	
	06/02/2010	595.05	57.20	ND	ND	N/A	537.85	
	07/07/2010	595.05	57.32	ND	ND	N/A	537.73	
	08/04/2010	595.05	57.59	ND	ND	N/A	537.46	
	09/03/2010	595.05	57.52	ND	ND	N/A	537.53	
	10/05/2010	595.05	57.69	ND	ND	N/A	537.36	
	11/02/2010	595.05	56.07	ND	ND	N/A	538.98	
	12/02/2010	595.05	56.26	ND	ND	N/A	538.79	
	01/05/2011	595.05	52.63	ND	ND	N/A	542.42	
	02/02/2011	595.05	56.07	ND	ND	N/A	538.98	
	03/08/2011	595.05	56.02	ND	ND	N/A	539.03	
	04/06/2011	595.05	57.52	ND	ND	N/A	537.53	
	05/03/2011	595.05	57.49	ND	ND	N/A	537.56	
	06/03/2011	595.05	57.50	ND	ND	N/A	537.55	
	07/05/2011	595.05	57.35	ND	ND	N/A	537.70	

Table 11

Near Northeast Area Monitoring Well Gauging Data

Inactive Exxon Facility #28077

14258 Jarrettsville Pike

Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-38B	03/29/2011	596.00	50.81	ND	ND	N/A	545.19	
	04/06/2011	596.00	49.93	ND	ND	N/A	546.07	
	05/02/2011	596.00	48.85	ND	ND	N/A	547.15	
	06/01/2011	596.00	47.62	ND	ND	N/A	548.38	
	07/06/2011	596.00	47.52	ND	ND	N/A	548.48	
MW-38C	04/05/2011	595.50	244.29	ND	ND	N/A	351.21	
	05/02/2011	595.50	220.41	ND	ND	N/A	375.09	
	06/07/2011	595.50	143.75	ND	ND	N/A	451.75	
	07/06/2011	595.50	181.69	ND	ND	N/A	413.81	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-38P	03/30/2006	595.92	37.51	ND	ND	N/A	558.41	
	03/31/2006	595.92	44.06	ND	ND	N/A	551.86	
	04/02/2006	595.92	44.56	ND	ND	N/A	551.36	
	04/03/2006	595.92	44.71	ND	ND	N/A	551.21	
	04/04/2006	595.92	44.80	ND	ND	N/A	551.12	
	04/05/2006	595.92	47.73	ND	ND	N/A	548.19	
	04/06/2006	595.92	47.03	ND	ND	N/A	548.89	
	04/07/2006	595.92	40.52	ND	ND	N/A	555.40	
	04/08/2006	595.92	39.21	ND	ND	N/A	556.71	
	04/09/2006	595.92	38.85	ND	ND	N/A	557.07	
	04/10/2006	595.92	38.56	ND	ND	N/A	557.36	
	04/11/2006	595.92	38.41	ND	ND	N/A	557.51	
	04/12/2006	595.92	38.25	ND	ND	N/A	557.67	
	04/13/2006	595.92	38.11	ND	ND	N/A	557.81	
	04/14/2006	595.92	37.82	ND	ND	N/A	558.10	
	04/17/2006	595.92	37.58	ND	ND	N/A	558.34	
	04/18/2006	595.92	37.65	ND	ND	N/A	558.27	
	04/19/2006	595.92	37.49	ND	ND	N/A	558.43	
	04/21/2006	595.92	37.42	ND	ND	N/A	558.50	
	04/24/2006	595.92	37.19	ND	ND	N/A	558.73	
	04/26/2006	595.92	37.21	ND	ND	N/A	558.71	
	04/28/2006	595.92	37.16	ND	ND	N/A	558.76	
	05/01/2006	595.92	37.00	ND	ND	N/A	558.92	
	05/08/2006	595.92	36.91	ND	ND	N/A	559.01	
	05/15/2006	595.92	36.76	ND	ND	N/A	559.16	
	05/22/2006	595.92	44.71	ND	ND	N/A	551.21	
	05/30/2006	595.92	45.75	ND	ND	N/A	550.17	
	06/05/2006	595.92	46.10	ND	ND	N/A	549.82	
	06/12/2006	595.92	46.08	ND	ND	N/A	549.84	
	06/19/2006	595.92	46.57	ND	ND	N/A	549.35	
	06/26/2006	595.92	46.79	ND	ND	N/A	549.13	
	07/03/2006	595.92	48.96	ND	ND	N/A	546.96	
	07/05/2006	595.92	47.60	ND	ND	N/A	548.32	
	07/10/2006	595.92	47.85	ND	ND	N/A	548.07	
	07/17/2006	595.92	43.76	ND	ND	N/A	552.16	
	07/24/2006	595.92	37.79	ND	ND	N/A	558.13	
	07/31/2006	595.92	41.56	ND	ND	N/A	554.36	
	08/14/2006	595.92	41.82	ND	ND	N/A	554.10	
	08/28/2006	595.92	49.45	ND	ND	N/A	546.47	
	09/11/2006	595.92	50.05	ND	ND	N/A	545.87	
	09/25/2006	595.92	48.91	ND	ND	N/A	547.01	
	10/09/2006	595.92	48.33	ND	ND	N/A	547.59	
	10/23/2006	595.92	48.32	ND	ND	N/A	547.60	
	11/06/2006	595.92	48.49	ND	ND	N/A	547.43	
	11/20/2006	595.92	48.60	ND	ND	N/A	547.32	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-38P	12/04/2006	595.92	48.18	ND	ND	N/A	547.74	
	12/18/2006	595.92	49.02	ND	ND	N/A	546.90	
	01/02/2007	595.92	49.50	ND	ND	N/A	546.42	
	01/15/2007	595.92	47.91	ND	ND	N/A	548.01	
	01/29/2007	595.92	47.75	ND	ND	N/A	548.17	
	02/12/2007	595.92	47.79	ND	ND	N/A	548.13	
	02/27/2007	595.92	50.10	ND	ND	N/A	545.82	
	03/12/2007	595.92	48.31	ND	ND	N/A	547.61	
	03/26/2007	595.92	47.96	ND	ND	N/A	547.96	
	04/09/2007	595.92	47.87	ND	ND	N/A	548.05	
	05/07/2007	595.92	47.48	ND	ND	N/A	548.44	
	06/04/2007	595.92	46.98	ND	ND	N/A	548.94	
	07/02/2007	595.92	51.28	ND	ND	N/A	544.64	
	08/13/2007	595.92	42.68	ND	ND	N/A	553.24	
	09/10/2007	595.92	39.30	ND	ND	N/A	556.62	
	10/08/2007	595.92	39.42	ND	ND	N/A	556.50	
	11/05/2007	595.92	39.98	ND	ND	N/A	555.94	
	12/03/2007	595.92	40.16	ND	ND	N/A	555.76	
	01/07/2008	595.92	40.48	ND	ND	N/A	555.44	
	02/05/2008	595.92	40.89	ND	ND	N/A	555.03	
	03/11/2008	595.92	40.72	ND	ND	N/A	555.20	
	04/22/2008	595.92	40.23	ND	ND	N/A	555.69	
	05/14/2008	595.92	40.20	ND	ND	N/A	555.72	
	06/09/2008	595.92	38.45	ND	ND	N/A	557.47	
	07/23/2008	595.92	38.69	ND	ND	N/A	557.23	
	08/13/2008	595.92	38.50	ND	ND	N/A	557.42	
	09/16/2008	595.92	39.12	ND	ND	N/A	556.80	
	10/15/2008	595.92	39.28	ND	ND	N/A	556.64	
	11/20/2008	595.92	39.84	ND	ND	N/A	556.08	
	12/08/2008	595.92	40.14	ND	ND	N/A	555.78	
	01/19/2009	595.92	40.43	ND	ND	N/A	555.49	
	02/16/2009	595.92	40.89	ND	ND	N/A	555.03	
	03/05/2009	595.92	40.99	ND	ND	N/A	554.93	
	04/13/2009	595.92	40.91	ND	ND	N/A	555.01	
	05/06/2009	595.92	38.35	ND	ND	N/A	557.57	
	06/02/2009	595.92	51.89	ND	ND	N/A	544.03	
	07/01/2009	595.92	52.11	ND	ND	N/A	543.81	
	08/05/2009	595.92	52.85	ND	ND	N/A	543.07	
	09/01/2009	595.92	52.69	ND	ND	N/A	543.23	
	10/01/2009	595.92	53.50	ND	ND	N/A	542.42	
	11/03/2009	595.92	48.74	ND	ND	N/A	547.18	
	12/01/2009	595.92	48.43	ND	ND	N/A	547.49	
	01/04/2010	595.92	46.43	ND	ND	N/A	549.49	
	02/02/2010	595.92	45.32	ND	ND	N/A	550.60	
	03/02/2010	595.92	45.00	ND	ND	N/A	550.92	

Table 11

Near Northeast Area Monitoring Well Gauging Data

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-38P	04/08/2010	595.92	47.15	ND	ND	N/A	548.77	
	05/04/2010	595.92	45.73	ND	ND	N/A	550.19	
	06/02/2010	595.92	47.14	ND	ND	N/A	548.78	
	07/06/2010	595.92	46.25	ND	ND	N/A	549.67	
	08/02/2010	595.92	49.69	ND	ND	N/A	546.23	
	09/02/2010	595.92	50.12	ND	ND	N/A	545.80	
	10/08/2010	595.92	52.12	ND	ND	N/A	543.80	
	11/01/2010	595.92	51.82	ND	ND	N/A	544.10	
	12/01/2010	595.92	52.14	ND	ND	N/A	543.78	
	01/03/2011	595.92	52.95	ND	ND	N/A	542.97	
	02/03/2011	595.92	52.98	ND	ND	N/A	542.94	
	03/03/2011	595.92	53.09	ND	ND	N/A	542.83	
	04/06/2011	595.92	50.70	ND	ND	N/A	545.22	
	04/26/2011	595.92	49.75	ND	ND	N/A	546.17	
	05/02/2011	595.92	49.84	ND	ND	N/A	546.08	
	05/19/2011	595.92	49.12	ND	ND	N/A	546.80	
	06/01/2011	595.92	49.24	ND	ND	N/A	546.68	
	07/06/2011	595.92	49.15	ND	ND	N/A	546.77	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-43A [R]	03/06/2006	576.08	31.91	ND	ND	N/A	544.17	
	03/06/2006	576.08	32.56	ND	ND	N/A	543.52	
	03/08/2006	576.08	31.95	ND	ND	N/A	544.13	
	03/08/2006	576.08	31.96	ND	ND	N/A	544.12	
	03/09/2006	576.08	31.80	ND	ND	N/A	544.28	
	03/09/2006	576.08	31.75	ND	ND	N/A	544.33	
	03/10/2006	576.08	31.71	ND	ND	N/A	544.37	
	03/11/2006	576.08	31.88	ND	ND	N/A	544.20	
	03/12/2006	576.08	31.15	ND	ND	N/A	544.93	
	03/13/2006	576.08	31.64	ND	ND	N/A	544.44	
	03/14/2006	576.08	31.63	ND	ND	N/A	544.45	
	03/15/2006	576.08	31.74	ND	ND	N/A	544.34	
	03/16/2006	576.08	31.43	ND	ND	N/A	544.65	
	03/17/2006	576.08	31.69	ND	ND	N/A	544.39	
	03/18/2006	576.08	31.75	ND	ND	N/A	544.33	
	03/19/2006	576.08	31.76	ND	ND	N/A	544.32	
	03/20/2006	576.08	32.09	ND	ND	N/A	543.99	
	03/21/2006	576.08	31.98	ND	ND	N/A	544.10	
	03/22/2006	576.08	32.20	ND	ND	N/A	543.88	
	03/23/2006	576.08	32.13	ND	ND	N/A	543.95	
	03/24/2006	576.08	32.29	ND	ND	N/A	543.79	
	03/25/2006	576.08	32.37	ND	ND	N/A	543.71	
	03/26/2006	576.08	32.46	ND	ND	N/A	543.62	
	03/27/2006	576.08	32.48	ND	ND	N/A	543.60	
	03/28/2006	576.08	32.61	ND	ND	N/A	543.47	
	03/29/2006	576.08	32.64	ND	ND	N/A	543.44	
	03/30/2006	576.08	32.75	ND	ND	N/A	543.33	
	03/31/2006	576.08	32.77	ND	ND	N/A	543.31	
	04/01/2006	576.08	32.89	ND	ND	N/A	543.19	
	04/02/2006	576.08	33.12	ND	ND	N/A	542.96	
	04/03/2006	576.08	33.03	ND	ND	N/A	543.05	
	04/04/2006	576.08	33.15	ND	ND	N/A	542.93	
	04/05/2006	576.08	33.03	ND	ND	N/A	543.05	
	04/06/2006	576.08	33.15	ND	ND	N/A	542.93	
	04/07/2006	576.08	38.19	ND	ND	N/A	537.89	
	04/08/2006	576.08	33.21	ND	ND	N/A	542.87	
	04/09/2006	576.08	33.26	ND	ND	N/A	542.82	
	04/10/2006	576.08	33.36	ND	ND	N/A	542.72	
	04/11/2006	576.08	33.34	ND	ND	N/A	542.74	
	04/12/2006	576.08	33.39	ND	ND	N/A	542.69	
	04/13/2006	576.08	33.46	ND	ND	N/A	542.62	
	04/14/2006	576.08	32.94	ND	ND	N/A	543.14	
	04/17/2006	576.08	33.61	ND	ND	N/A	542.47	
	04/18/2006	576.08	33.63	ND	ND	N/A	542.45	
	04/19/2006	576.08	33.72	ND	ND	N/A	542.36	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-43A [R]	04/21/2006	576.08	33.85	ND	ND	N/A	542.23	
	04/24/2006	576.08	34.02	ND	ND	N/A	542.06	
	04/26/2006	576.08	35.31	ND	ND	N/A	540.77	
	04/28/2006	576.08	35.83	ND	ND	N/A	540.25	
	05/01/2006	576.08	34.04	ND	ND	N/A	542.04	
	05/08/2006	576.08	36.02	ND	ND	N/A	540.06	
	05/15/2006	576.08	35.51	ND	ND	N/A	540.57	
	05/22/2006	576.08	36.29	ND	ND	N/A	539.79	
	05/30/2006	576.08	36.11	ND	ND	N/A	539.97	
	06/05/2006	576.08	36.31	ND	ND	N/A	539.77	
	06/12/2006	576.08	37.21	ND	ND	N/A	538.87	
	06/19/2006	576.08	37.17	ND	ND	N/A	538.91	
	06/26/2006	576.08	32.60	ND	ND	N/A	543.48	
	07/05/2006	576.08	34.56	ND	ND	N/A	541.52	
	07/10/2006	576.08	35.34	ND	ND	N/A	540.74	
	07/17/2006	576.08	35.35	ND	ND	N/A	540.73	
	07/24/2006	576.08	35.29	ND	ND	N/A	540.79	
	07/31/2006	575.95	31.93	ND	ND	N/A	544.02	
	08/14/2006	575.95	35.50	ND	ND	N/A	540.45	
	08/28/2006	575.95	35.87	ND	ND	N/A	540.08	
	09/11/2006	575.95	35.67	ND	ND	N/A	540.28	
	09/25/2006	575.95	35.73	ND	ND	N/A	540.22	
	10/09/2006	575.95	36.05	ND	ND	N/A	539.90	
	10/23/2006	575.95	36.02	ND	ND	N/A	539.93	
	11/06/2006	575.95	35.89	ND	ND	N/A	540.06	
	11/20/2006	575.95	35.94	ND	ND	N/A	540.01	
	12/04/2006	575.95	DRY	DRY	DRY	DRY	DRY	
	12/18/2006	575.95	34.85	ND	ND	N/A	541.10	
	01/02/2007	575.95	DRY	DRY	DRY	DRY	DRY	
	01/15/2007	575.95	35.56	ND	ND	N/A	540.39	
	01/29/2007	575.95	33.88	ND	ND	N/A	542.07	
	02/12/2007	575.95	35.48	ND	ND	N/A	540.47	
	03/12/2007	575.95	35.30	ND	ND	N/A	540.65	
	03/26/2007	575.95	35.41	ND	ND	N/A	540.54	
	04/09/2007	575.95	35.42	ND	ND	N/A	540.53	
	05/07/2007	575.95	34.05	ND	ND	N/A	541.90	
	06/04/2007	575.95	34.45	ND	ND	N/A	541.50	
	07/02/2007	575.95	35.95	ND	ND	N/A	540.00	
	01/07/2008	575.95	DRY	DRY	DRY	DRY	DRY	
	02/05/2008	575.95	DRY	DRY	DRY	DRY	DRY	
	03/11/2008	575.95	37.96	ND	ND	N/A	537.99	
	04/22/2008	575.95	36.45	ND	ND	N/A	539.50	
	05/13/2008	575.95	36.28	ND	ND	N/A	539.67	
	06/10/2008	575.95	35.20	ND	ND	N/A	540.75	
	07/23/2008	575.95	35.40	ND	ND	N/A	540.55	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-43A [R]	08/13/2008	575.95	35.57	ND	ND	N/A	540.38	
	09/16/2008	575.95	36.31	ND	ND	N/A	539.64	
	10/15/2008	575.95	36.36	ND	ND	N/A	539.59	
	11/20/2008	575.95	36.94	ND	ND	N/A	539.01	
	12/09/2008	575.95	DRY	DRY	DRY	DRY	DRY	
	01/22/2009	575.95	36.90	ND	ND	N/A	539.05	
	02/18/2009	575.95	37.19	ND	ND	N/A	538.76	
	03/05/2009	575.95	DRY	DRY	DRY	DRY	DRY	
	04/16/2009	575.95	DRY	DRY	DRY	DRY	DRY	
	05/07/2009	575.95	DRY	DRY	DRY	DRY	DRY	
	06/03/2009	575.95	DRY	DRY	DRY	DRY	DRY	
	07/02/2009	575.95	35.64	ND	ND	N/A	540.31	
	08/06/2009	575.95	35.81	ND	ND	N/A	540.14	
	09/02/2009	575.95	36.41	ND	ND	N/A	539.54	
	10/06/2009	576.08	35.72	ND	ND	N/A	540.36	
	11/05/2009	575.95	35.66	ND	ND	N/A	540.29	
	12/03/2009	575.95	34.85	ND	ND	N/A	541.10	
	01/06/2010	575.95	35.48	ND	ND	N/A	540.47	
	02/03/2010	575.95	31.30	ND	ND	N/A	544.65	
	03/02/2010	575.95	32.93	ND	ND	N/A	543.02	
	04/07/2010	575.95	33.44	ND	ND	N/A	542.51	
	05/05/2010	575.95	33.62	ND	ND	N/A	542.33	
	06/02/2010	575.95	34.10	ND	ND	N/A	541.85	
	07/08/2010	575.95	35.14	ND	ND	N/A	540.81	
	08/04/2010	575.95	36.15	ND	ND	N/A	539.80	
	09/01/2010	575.95	37.20	ND	ND	N/A	538.75	
	10/05/2010	575.95	DRY	DRY	DRY	DRY	DRY	DRY
	11/02/2010	575.95	DRY	DRY	DRY	DRY	DRY	Dry
	12/02/2010	575.95	DRY	DRY	DRY	DRY	DRY	DRY
	01/04/2011	575.95	DRY	DRY	DRY	DRY	DRY	Dry
	02/02/2011	575.95	DRY	DRY	DRY	DRY	DRY	Dry
	03/08/2011	575.95	DRY	DRY	DRY	DRY	DRY	
	03/29/2011	575.95	37.22	ND	ND	N/A	538.73	
	04/06/2011	575.95	36.69	ND	ND	N/A	539.26	
	05/02/2011	575.95	33.09	ND	ND	N/A	542.86	
	06/03/2011	575.95	DRY	DRY	DRY	DRY	DRY	Dry
	07/05/2011	575.95	33.50	ND	ND	N/A	542.45	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-43B	03/06/2006	576.94	32.70	ND	ND	N/A	544.24	
	03/06/2006	576.94	31.75	ND	ND	N/A	545.19	
	03/07/2006	576.94	31.82	ND	ND	N/A	545.12	
	03/08/2006	576.94	32.80	ND	ND	N/A	544.14	
	03/08/2006	576.94	32.75	ND	ND	N/A	544.19	
	03/09/2006	576.94	32.60	ND	ND	N/A	544.34	
	03/09/2006	576.94	32.51	ND	ND	N/A	544.43	
	03/10/2006	576.94	32.60	ND	ND	N/A	544.34	
	03/11/2006	576.94	32.64	ND	ND	N/A	544.30	
	03/12/2006	576.94	33.42	ND	ND	N/A	543.52	
	03/13/2006	576.94	32.44	ND	ND	N/A	544.50	
	03/14/2006	576.94	32.42	ND	ND	N/A	544.52	
	03/15/2006	576.94	32.49	ND	ND	N/A	544.45	
	03/16/2006	576.94	32.49	ND	ND	N/A	544.45	
	03/17/2006	576.94	32.51	ND	ND	N/A	544.43	
	03/18/2006	576.94	32.49	ND	ND	N/A	544.45	
	03/19/2006	576.94	32.54	ND	ND	N/A	544.40	
	03/20/2006	576.94	32.89	ND	ND	N/A	544.05	
	03/21/2006	576.94	32.78	ND	ND	N/A	544.16	
	03/22/2006	576.94	32.99	ND	ND	N/A	543.95	
	03/23/2006	576.94	33.17	ND	ND	N/A	543.77	
	03/24/2006	576.94	33.15	ND	ND	N/A	543.79	
	03/25/2006	576.94	33.41	ND	ND	N/A	543.53	
	03/26/2006	576.94	33.25	33.24	0.01	0.01	543.70	
	03/27/2006	576.94	33.33	ND	ND	N/A	543.61	
	03/28/2006	576.94	33.59	ND	ND	N/A	543.35	
	03/29/2006	576.94	33.41	ND	ND	N/A	543.53	
	03/30/2006	576.94	32.53	ND	ND	N/A	544.41	
	03/31/2006	576.94	33.58	ND	ND	N/A	543.36	
	04/01/2006	576.94	33.69	ND	ND	N/A	543.25	
	04/02/2006	576.94	34.06	ND	ND	N/A	542.88	
	04/03/2006	576.94	33.83	ND	ND	N/A	543.11	
	04/04/2006	576.94	34.03	ND	ND	N/A	542.91	
	04/05/2006	576.94	43.85	ND	ND	N/A	533.09	
	04/06/2006	576.94	34.18	ND	ND	N/A	542.76	
	04/07/2006	576.94	34.03	ND	ND	N/A	542.91	
	04/08/2006	576.94	34.19	ND	ND	N/A	542.75	
	04/09/2006	576.94	34.17	ND	ND	N/A	542.77	
	04/10/2006	576.94	34.24	ND	ND	N/A	542.70	
	04/11/2006	576.94	33.32	ND	ND	N/A	543.62	
	04/12/2006	576.94	34.25	ND	ND	N/A	542.69	
	04/13/2006	576.94	34.47	ND	ND	N/A	542.47	
	04/14/2006	576.94	34.76	ND	ND	N/A	542.18	
	04/17/2006	576.94	34.42	ND	ND	N/A	542.52	
	04/18/2006	576.94	34.40	ND	ND	N/A	542.54	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-43B	04/19/2006	576.94	34.75	ND	ND	N/A	542.19	
	04/21/2006	576.94	35.33	ND	ND	N/A	541.61	
	04/24/2006	576.94	34.71	ND	ND	N/A	542.23	
	04/26/2006	576.94	34.60	ND	ND	N/A	542.34	
	04/28/2006	576.94	34.63	ND	ND	N/A	542.31	
	05/01/2006	576.94	35.01	ND	ND	N/A	541.93	
	05/08/2006	576.94	35.22	ND	ND	N/A	541.72	
	05/15/2006	576.94	35.35	ND	ND	N/A	541.59	
	05/22/2006	576.94	35.55	ND	ND	N/A	541.39	
	05/30/2006	576.94	35.99	ND	ND	N/A	540.95	
	06/05/2006	576.94	43.65	ND	ND	N/A	533.29	
	06/12/2006	576.94	36.57	ND	ND	N/A	540.37	
	06/19/2006	576.94	36.88	ND	ND	N/A	540.06	
	06/26/2006	576.94	36.91	ND	ND	N/A	540.03	
	07/03/2006	576.94	35.11	ND	ND	N/A	541.83	
	07/05/2006	576.94	34.68	ND	ND	N/A	542.26	
	07/10/2006	576.94	34.39	ND	ND	N/A	542.55	
	07/17/2006	576.94	35.31	ND	ND	N/A	541.63	
	07/24/2006	576.94	33.90	ND	ND	N/A	543.04	
	07/31/2006	576.94	34.20	ND	ND	N/A	542.74	
	08/14/2006	576.94	35.04	ND	ND	N/A	541.90	
	08/29/2006	576.94	35.82	ND	ND	N/A	541.12	
	09/11/2006	576.94	36.75	ND	ND	N/A	540.19	
	09/25/2006	576.94	35.62	ND	ND	N/A	541.32	
	10/09/2006	576.94	36.92	ND	ND	N/A	540.02	
	10/23/2006	576.94	36.82	ND	ND	N/A	540.12	
	11/06/2006	576.94	36.73	ND	ND	N/A	540.21	
	11/20/2006	576.94	36.16	ND	ND	N/A	540.78	
	12/04/2006	576.94	35.46	ND	ND	N/A	541.48	
	12/18/2006	576.94	34.24	ND	ND	N/A	542.70	
	01/02/2007	576.94	34.94	ND	ND	N/A	542.00	
	01/15/2007	576.94	34.13	ND	ND	N/A	542.81	
	01/29/2007	576.94	34.34	ND	ND	N/A	542.60	
	02/12/2007	576.94	35.05	ND	ND	N/A	541.89	
	02/27/2007	576.94	35.65	ND	ND	N/A	541.29	
	03/12/2007	576.94	35.15	ND	ND	N/A	541.79	
	03/26/2007	576.94	34.83	ND	ND	N/A	542.11	
	04/09/2007	576.94	34.89	ND	ND	N/A	542.05	
	05/07/2007	576.94	34.48	ND	ND	N/A	542.46	
	06/04/2007	576.94	35.08	ND	ND	N/A	541.86	
	07/02/2007	576.94	46.18	ND	ND	N/A	530.76	
	09/10/2007	576.94	38.58	ND	ND	N/A	538.36	
	10/08/2007	576.94	41.27	ND	ND	N/A	535.67	
	11/05/2007	576.94	39.33	ND	ND	N/A	537.61	
	12/03/2007	576.94	40.11	ND	ND	N/A	536.83	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-43B	01/07/2008	576.94	39.48	ND	ND	N/A	537.46	
	02/05/2008	576.94	39.70	ND	ND	N/A	537.24	
	03/11/2008	576.94	39.95	ND	ND	N/A	536.99	
	04/22/2008	576.94	37.53	ND	ND	N/A	539.41	
	05/13/2008	576.94	37.16	ND	ND	N/A	539.78	
	06/11/2008	576.94	46.25	ND	ND	N/A	530.69	
	07/23/2008	576.94	36.30	ND	ND	N/A	540.64	
	08/13/2008	576.94	36.32	ND	ND	N/A	540.62	
	09/16/2008	576.94	37.49	ND	ND	N/A	539.45	
	10/15/2008	576.94	37.73	ND	ND	N/A	539.21	
	11/20/2008	576.94	38.51	ND	ND	N/A	538.43	
	12/08/2008	576.94	39.34	ND	ND	N/A	537.60	
	01/19/2009	576.94	38.53	ND	ND	N/A	538.41	
	02/16/2009	576.94	38.78	ND	ND	N/A	538.16	
	03/04/2009	576.94	38.98	ND	ND	N/A	537.96	
	04/13/2009	576.94	39.29	ND	ND	N/A	537.65	
	05/06/2009	576.94	38.03	ND	ND	N/A	538.91	
	06/01/2009	576.94	37.02	ND	ND	N/A	539.92	
	07/01/2009	576.94	36.47	ND	ND	N/A	540.47	
	08/04/2009	576.94	36.50	ND	ND	N/A	540.44	
	09/01/2009	576.94	37.29	ND	ND	N/A	539.65	
	10/01/2009	576.94	36.98	ND	ND	N/A	539.96	
	11/03/2009	576.94	36.50	ND	ND	N/A	540.44	
	12/01/2009	576.94	34.40	ND	ND	N/A	542.54	
	01/04/2010	576.94	33.09	ND	ND	N/A	543.85	
	02/01/2010	576.94	32.54	ND	ND	N/A	544.40	
	03/02/2010	576.94	33.30	ND	ND	N/A	543.64	
	04/05/2010	576.94	32.20	ND	ND	N/A	544.74	
	05/04/2010	576.94	33.18	ND	ND	N/A	543.76	
	06/01/2010	576.94	34.28	ND	ND	N/A	542.66	
	07/06/2010	576.94	36.10	ND	ND	N/A	540.84	
	08/03/2010	576.94	37.19	ND	ND	N/A	539.75	
	09/02/2010	576.94	38.37	ND	ND	N/A	538.57	
	10/08/2010	576.94	38.64	ND	ND	N/A	538.30	
	11/02/2010	576.94	39.12	ND	ND	N/A	537.82	
	12/02/2010	576.94	39.91	ND	ND	N/A	537.03	
	01/04/2011	576.94	39.20	ND	ND	N/A	537.74	
	02/03/2011	576.94	40.41	ND	ND	N/A	536.53	
	03/03/2011	576.94	39.65	ND	ND	N/A	537.29	
	04/05/2011	576.94	35.28	ND	ND	N/A	541.66	
	05/02/2011	576.94	34.16	ND	ND	N/A	542.78	
	06/01/2011	576.94	33.11	ND	ND	N/A	543.83	
	07/06/2011	576.94	34.37	ND	ND	N/A	542.57	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-45 [R]	03/06/2006	593.71	49.67	ND	ND	N/A	544.04	
	03/07/2006	593.71	48.31	ND	ND	N/A	545.40	
	03/08/2006	593.71	47.31	ND	ND	N/A	546.40	
	03/08/2006	593.71	46.60	ND	ND	N/A	547.11	
	03/10/2006	593.71	44.90	ND	ND	N/A	548.81	
	03/12/2006	593.71	70.80	ND	ND	N/A	522.91	
	03/13/2006	593.71	DRY	DRY	DRY	DRY	DRY	
	03/14/2006	593.71	DRY	DRY	DRY	DRY	DRY	
	03/15/2006	593.71	66.98	ND	ND	N/A	526.73	
	03/16/2006	593.71	65.99	ND	ND	N/A	527.72	
	03/17/2006	593.71	67.07	ND	ND	N/A	526.64	
	03/18/2006	593.71	66.84	ND	ND	N/A	526.87	
	03/19/2006	593.71	67.08	ND	ND	N/A	526.63	
	03/21/2006	593.71	67.05	ND	ND	N/A	526.66	
	03/23/2006	593.71	65.31	ND	ND	N/A	528.40	
	03/24/2006	593.71	64.55	ND	ND	N/A	529.16	
	03/25/2006	593.71	63.60	ND	ND	N/A	530.11	
	03/26/2006	593.71	60.20	ND	ND	N/A	533.51	
	03/27/2006	593.71	57.93	ND	ND	N/A	535.78	
	03/28/2006	593.71	55.57	ND	ND	N/A	538.14	
	03/29/2006	593.71	54.00	ND	ND	N/A	539.71	
	03/30/2006	593.71	60.92	ND	ND	N/A	532.79	
	03/31/2006	593.71	67.41	ND	ND	N/A	526.30	
	04/01/2006	593.71	69.92	ND	ND	N/A	523.79	
	04/02/2006	593.71	67.88	ND	ND	N/A	525.83	
	04/03/2006	593.71	67.00	ND	ND	N/A	526.71	
	04/04/2006	593.71	DRY	DRY	DRY	DRY	DRY	
	04/07/2006	593.71	67.17	ND	ND	N/A	526.54	
	04/08/2006	593.71	66.89	ND	ND	N/A	526.82	
	04/09/2006	593.71	67.02	ND	ND	N/A	526.69	
	04/12/2006	593.71	67.30	ND	ND	N/A	526.41	
	04/13/2006	593.71	67.50	ND	ND	N/A	526.21	
	04/14/2006	593.71	67.30	ND	ND	N/A	526.41	
	04/18/2006	593.71	67.12	ND	ND	N/A	526.59	
	04/19/2006	593.71	67.38	ND	ND	N/A	526.33	
	04/21/2006	593.71	67.77	ND	ND	N/A	525.94	
	04/28/2006	593.71	67.69	ND	ND	N/A	526.02	
	05/08/2006	593.71	60.94	ND	ND	N/A	532.77	
	06/12/2006	593.71	DRY	DRY	DRY	DRY	DRY	
	06/19/2006	593.71	67.80	ND	ND	N/A	525.91	
	06/26/2006	593.71	68.09	ND	ND	N/A	525.62	
	07/05/2006	593.71	67.80	ND	ND	N/A	525.91	
	07/17/2006	593.71	68.76	ND	ND	N/A	524.95	
	07/24/2006	593.71	68.30	ND	ND	N/A	525.41	
	07/31/2006	593.71	68.04	ND	ND	N/A	525.67	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-45 [R]	08/14/2006	593.71	67.77	ND	ND	N/A	525.94	
	08/28/2006	593.71	68.51	ND	ND	N/A	525.20	
	09/11/2006	593.71	68.61	ND	ND	N/A	525.10	
	09/25/2006	593.71	58.29	ND	ND	N/A	535.42	
	10/23/2006	593.71	68.69	ND	ND	N/A	525.02	
	11/06/2006	593.71	68.42	ND	ND	N/A	525.29	
	11/20/2006	593.71	68.70	ND	ND	N/A	525.01	
	12/04/2006	593.71	68.05	ND	ND	N/A	525.66	
	01/02/2007	593.71	68.34	ND	ND	N/A	525.37	
	01/15/2007	593.71	68.50	ND	ND	N/A	525.21	
	01/29/2007	593.71	68.36	ND	ND	N/A	525.35	
	02/12/2007	593.71	68.67	ND	ND	N/A	525.04	
	02/27/2007	593.71	68.86	ND	ND	N/A	524.85	
	03/12/2007	593.71	68.64	ND	ND	N/A	525.07	
	03/26/2007	593.71	68.81	ND	ND	N/A	524.90	
	04/09/2007	593.71	DRY	DRY	DRY	DRY	DRY	
	05/07/2007	593.71	48.46	ND	ND	N/A	545.25	
	06/04/2007	593.71	68.65	ND	ND	N/A	525.06	
	07/02/2007	593.71	68.48	ND	ND	N/A	525.23	
	08/13/2007	593.71	68.70	ND	ND	N/A	525.01	
	10/08/2007	593.71	69.34	ND	ND	N/A	524.37	
	11/05/2007	593.71	68.16	ND	ND	N/A	525.55	
	12/03/2007	593.71	67.89	ND	ND	N/A	525.82	
	03/11/2008	593.71	53.52	ND	ND	N/A	540.19	
	04/22/2008	593.71	30.78	ND	ND	N/A	562.93	
	05/14/2008	593.71	34.65	ND	ND	N/A	559.06	
	06/10/2008	593.71	68.22	ND	ND	N/A	525.49	
	07/23/2008	593.71	68.65	ND	ND	N/A	525.06	
	08/13/2008	593.71	68.48	ND	ND	N/A	525.23	
	09/16/2008	593.71	68.30	ND	ND	N/A	525.41	
	10/15/2008	593.71	68.34	ND	ND	N/A	525.37	
	11/19/2008	593.71	68.30	ND	ND	N/A	525.41	
	12/09/2008	593.71	68.26	ND	ND	N/A	525.45	
	01/21/2009	593.71	61.30	ND	ND	N/A	532.41	
	02/18/2009	593.71	69.10	ND	ND	N/A	524.61	
	03/06/2009	593.71	69.32	ND	ND	N/A	524.39	
	04/14/2009	593.71	69.03	ND	ND	N/A	524.68	
	05/08/2009	593.71	68.92	ND	ND	N/A	524.79	
	06/03/2009	593.71	68.95	ND	ND	N/A	524.76	
	07/02/2009	593.71	68.19	ND	ND	N/A	525.52	
	08/06/2009	593.71	68.22	ND	ND	N/A	525.49	
	09/02/2009	593.71	68.34	ND	ND	N/A	525.37	
	10/06/2009	593.71	67.91	ND	ND	N/A	525.80	
	11/05/2009	593.71	67.23	ND	ND	N/A	526.48	
	12/03/2009	593.71	67.97	ND	ND	N/A	525.74	

Table 11

Near Northeast Area Monitoring Well Gauging Data

Inactive Exxon Facility #28077

14258 Jarrettsville Pike

Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-45 [R]	01/07/2010	593.71	68.02	ND	ND	N/A	525.69	
	02/03/2010	593.71	67.90	ND	ND	N/A	525.81	
	03/02/2010	593.71	69.91	ND	ND	N/A	523.80	
	04/07/2010	593.71	70.00	ND	ND	N/A	523.71	
	05/05/2010	593.71	69.52	ND	ND	N/A	524.19	
	06/02/2010	593.71	70.40	ND	ND	N/A	523.31	
	07/07/2010	593.71	70.15	ND	ND	N/A	523.56	
	08/04/2010	593.71	70.52	ND	ND	N/A	523.19	
	09/01/2010	593.71	70.86	ND	ND	N/A	522.85	
	10/07/2010	593.71	70.46	ND	ND	N/A	523.25	
	11/02/2010	593.71	70.62	ND	ND	N/A	523.09	
	12/02/2010	593.71	70.97	ND	ND	N/A	522.74	
	01/06/2011	593.71	56.00	ND	ND	N/A	537.71	
	02/03/2011	593.71	56.03	ND	ND	N/A	537.68	
	03/08/2011	593.71	58.70	ND	ND	N/A	535.01	
	04/07/2011	593.71	62.10	ND	ND	N/A	531.61	
	05/03/2011	593.71	70.32	ND	ND	N/A	523.39	
	06/03/2011	593.71	68.41	ND	ND	N/A	525.30	
	07/06/2011	593.71	70.69	ND	ND	N/A	523.02	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-45P	04/03/2006	593.30	40.73	ND	ND	N/A	552.57	
	04/04/2006	593.30	38.59	ND	ND	N/A	554.71	
	04/05/2006	593.30	38.86	ND	ND	N/A	554.44	
	04/06/2006	593.30	39.02	ND	ND	N/A	554.28	
	04/07/2006	593.30	39.07	ND	ND	N/A	554.23	
	04/08/2006	593.30	38.11	ND	ND	N/A	555.19	
	04/09/2006	593.30	38.74	ND	ND	N/A	554.56	
	04/10/2006	593.30	38.80	ND	ND	N/A	554.50	
	04/11/2006	593.30	38.94	ND	ND	N/A	554.36	
	04/12/2006	593.30	39.06	ND	ND	N/A	554.24	
	04/13/2006	593.30	39.04	ND	ND	N/A	554.26	
	04/14/2006	593.30	38.94	ND	ND	N/A	554.36	
	04/17/2006	593.30	38.87	ND	ND	N/A	554.43	
	04/18/2006	593.30	38.73	ND	ND	N/A	554.57	
	04/19/2006	593.30	38.87	ND	ND	N/A	554.43	
	04/21/2006	593.30	38.87	ND	ND	N/A	554.43	
	04/24/2006	593.30	36.76	ND	ND	N/A	556.54	
	04/26/2006	593.30	38.80	ND	ND	N/A	554.50	
	04/28/2006	593.30	38.92	ND	ND	N/A	554.38	
	05/01/2006	593.30	39.00	ND	ND	N/A	554.30	
	05/15/2006	593.30	38.60	ND	ND	N/A	554.70	
	05/22/2006	593.30	39.00	ND	ND	N/A	554.30	
	05/30/2006	593.30	39.00	ND	ND	N/A	554.30	
	06/05/2006	593.30	38.19	ND	ND	N/A	555.11	
	06/12/2006	593.30	39.15	ND	ND	N/A	554.15	
	06/19/2006	593.30	39.40	ND	ND	N/A	553.90	
	06/26/2006	593.30	39.53	ND	ND	N/A	553.77	
	07/03/2006	593.30	39.04	ND	ND	N/A	554.26	
	07/05/2006	593.30	39.31	ND	ND	N/A	553.99	
	07/10/2006	593.30	39.38	ND	ND	N/A	553.92	
	07/17/2006	593.30	39.43	ND	ND	N/A	553.87	
	07/24/2006	593.30	39.17	ND	ND	N/A	554.13	
	07/31/2006	593.30	39.22	ND	ND	N/A	554.08	
	08/14/2006	593.30	39.03	ND	ND	N/A	554.27	
	08/28/2006	593.30	38.93	ND	ND	N/A	554.37	
	09/11/2006	593.30	38.93	ND	ND	N/A	554.37	
	09/25/2006	593.30	38.99	ND	ND	N/A	554.31	
	10/09/2006	593.30	38.96	ND	ND	N/A	554.34	
	10/23/2006	593.30	38.61	ND	ND	N/A	554.69	
	11/06/2006	593.30	38.92	ND	ND	N/A	554.38	
	11/20/2006	593.30	38.61	ND	ND	N/A	554.69	
	12/04/2006	593.30	38.91	ND	ND	N/A	554.39	
	12/18/2006	593.30	38.80	ND	ND	N/A	554.50	
	01/02/2007	593.30	38.79	ND	ND	N/A	554.51	
	01/15/2007	593.30	38.78	ND	ND	N/A	554.52	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-45P	01/29/2007	593.30	38.93	ND	ND	N/A	554.37	
	02/12/2007	593.30	38.97	ND	ND	N/A	554.33	
	02/27/2007	593.30	39.02	ND	ND	N/A	554.28	
	03/12/2007	593.30	38.63	ND	ND	N/A	554.67	
	03/26/2007	593.30	39.10	ND	ND	N/A	554.20	
	04/09/2007	593.30	39.03	ND	ND	N/A	554.27	
	05/07/2007	593.30	38.91	ND	ND	N/A	554.39	
	06/04/2007	593.30	38.52	ND	ND	N/A	554.78	
	07/02/2007	593.30	38.80	ND	ND	N/A	554.50	
	09/10/2007	593.30	38.99	ND	ND	N/A	554.31	
	10/08/2007	593.30	38.99	ND	ND	N/A	554.31	
	11/05/2007	593.30	62.14	ND	ND	N/A	531.16	
	12/03/2007	593.30	37.65	ND	ND	N/A	555.65	
	01/07/2008	593.30	39.22	ND	ND	N/A	554.08	
	02/05/2008	593.30	38.81	ND	ND	N/A	554.49	
	03/11/2008	593.30	38.71	ND	ND	N/A	554.59	
	04/22/2008	593.30	38.52	ND	ND	N/A	554.78	
	05/14/2008	593.30	38.57	ND	ND	N/A	554.73	
	06/09/2008	593.30	38.29	ND	ND	N/A	555.01	
	07/23/2008	593.30	32.50	ND	ND	N/A	560.80	
	08/13/2008	593.30	38.31	ND	ND	N/A	554.99	
	09/16/2008	593.30	38.45	ND	ND	N/A	554.85	
	10/15/2008	593.30	38.66	ND	ND	N/A	554.64	
	11/19/2008	593.30	38.75	ND	ND	N/A	554.55	
	12/08/2008	593.30	38.77	ND	ND	N/A	554.53	
	01/21/2009	593.30	38.70	ND	ND	N/A	554.60	
	02/16/2009	593.30	39.34	ND	ND	N/A	553.96	
	03/05/2009	593.30	38.08	ND	ND	N/A	555.22	
	04/13/2009	593.30	38.86	ND	ND	N/A	554.44	
	05/06/2009	593.30	38.60	ND	ND	N/A	554.70	
	06/02/2009	593.30	39.00	ND	ND	N/A	554.30	
	07/01/2009	593.30	39.17	ND	ND	N/A	554.13	
	08/05/2009	593.30	39.13	ND	ND	N/A	554.17	
	09/01/2009	593.30	39.17	ND	ND	N/A	554.13	
	10/01/2009	593.30	39.23	ND	ND	N/A	554.07	
	11/03/2009	593.30	37.12	ND	ND	N/A	556.18	
	12/01/2009	593.30	38.95	ND	ND	N/A	554.35	
	01/04/2010	593.30	38.75	ND	ND	N/A	554.55	
	02/02/2010	593.30	38.57	ND	ND	N/A	554.73	
	03/02/2010	593.30	38.62	ND	ND	N/A	554.68	
	04/07/2010	593.30	38.15	ND	ND	N/A	555.15	
	05/05/2010	593.30	38.02	ND	ND	N/A	555.28	
	06/02/2010	593.30	38.44	ND	ND	N/A	554.86	
	07/06/2010	593.30	38.50	ND	ND	N/A	554.80	
	08/02/2010	593.30	38.69	ND	ND	N/A	554.61	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-45P	09/02/2010	593.30	38.85	ND	ND	N/A	554.45	
	10/07/2010	593.30	38.72	ND	ND	N/A	554.58	
	11/01/2010	593.30	38.87	ND	ND	N/A	554.43	
	12/02/2010	593.30	39.60	ND	ND	N/A	553.70	
	01/03/2011	593.30	40.19	ND	ND	N/A	553.11	
	02/03/2011	593.30	39.55	ND	ND	N/A	553.75	
	03/03/2011	593.30	38.64	ND	ND	N/A	554.66	
	04/07/2011	593.30	39.55	ND	ND	N/A	553.75	
	04/26/2011	593.30	38.51	ND	ND	N/A	554.79	
	05/04/2011	593.30	38.22	ND	ND	N/A	555.08	
	05/19/2011	593.30	37.41	ND	ND	N/A	555.89	
	06/01/2011	593.30	37.77	ND	ND	N/A	555.53	
	07/06/2011	593.30	38.03	ND	ND	N/A	555.27	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-45R [R]	07/24/2008	593.80	46.10	ND	ND	N/A	547.70	
	08/13/2008	593.80	51.95	ND	ND	N/A	541.85	
	09/16/2008	593.80	46.66	ND	ND	N/A	547.14	
	10/15/2008	593.80	81.29	ND	ND	N/A	512.51	
	11/19/2008	593.80	81.84	ND	ND	N/A	511.96	
	12/09/2008	593.80	81.46	ND	ND	N/A	512.34	
	01/21/2009	593.80	81.48	ND	ND	N/A	512.32	
	02/18/2009	593.80	81.70	ND	ND	N/A	512.10	
	03/06/2009	593.80	81.37	ND	ND	N/A	512.43	
	04/14/2009	593.80	82.33	ND	ND	N/A	511.47	
	05/08/2009	593.80	82.31	ND	ND	N/A	511.49	
	06/03/2009	593.80	81.29	ND	ND	N/A	512.51	
	07/02/2009	593.80	81.24	ND	ND	N/A	512.56	
	08/06/2009	593.80	81.45	ND	ND	N/A	512.35	
	09/02/2009	593.80	81.43	ND	ND	N/A	512.37	
	10/06/2009	593.80	81.18	ND	ND	N/A	512.62	
	11/05/2009	593.80	81.20	ND	ND	N/A	512.60	
	12/03/2009	593.80	81.12	ND	ND	N/A	512.68	
	01/07/2010	593.80	80.72	ND	ND	N/A	513.08	
	02/03/2010	593.80	80.61	ND	ND	N/A	513.19	
	03/02/2010	593.80	55.95	ND	ND	N/A	537.85	
	04/07/2010	593.80	81.65	ND	ND	N/A	512.15	
	05/05/2010	593.80	80.25	ND	ND	N/A	513.55	
	06/02/2010	593.80	81.70	ND	ND	N/A	512.10	
	07/07/2010	593.80	81.89	ND	ND	N/A	511.91	
	08/04/2010	593.80	82.08	ND	ND	N/A	511.72	
	09/01/2010	593.80	81.94	ND	ND	N/A	511.86	
	10/07/2010	593.80	81.79	ND	ND	N/A	512.01	
	11/02/2010	593.80	82.03	ND	ND	N/A	511.77	
	12/02/2010	593.80	82.29	ND	ND	N/A	511.51	
	01/04/2011	593.80	81.85	ND	ND	N/A	511.95	
	02/03/2011	593.80	81.88	ND	ND	N/A	511.92	
	03/08/2011	593.80	81.93	ND	ND	N/A	511.87	
	04/07/2011	593.80	81.91	ND	ND	N/A	511.89	
	05/03/2011	593.80	81.33	ND	ND	N/A	512.47	
	06/03/2011	593.80	81.89	ND	ND	N/A	511.91	
	07/06/2011	593.80	81.80	ND	ND	N/A	512.00	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-47A	03/06/2006	583.91	34.49	ND	ND	N/A	549.42	
	03/06/2006	583.91	34.41	ND	ND	N/A	549.50	
	03/07/2006	583.91	34.51	ND	ND	N/A	549.40	
	03/08/2006	583.91	34.45	ND	ND	N/A	549.46	
	03/08/2006	583.91	34.39	ND	ND	N/A	549.52	
	03/09/2006	583.91	34.35	ND	ND	N/A	549.56	
	03/09/2006	583.91	34.31	ND	ND	N/A	549.60	
	03/10/2006	583.91	34.28	ND	ND	N/A	549.63	
	03/11/2006	583.91	34.49	ND	ND	N/A	549.42	
	03/12/2006	583.91	34.51	ND	ND	N/A	549.40	
	03/13/2006	583.91	34.36	ND	ND	N/A	549.55	
	03/14/2006	583.91	34.32	ND	ND	N/A	549.59	
	03/15/2006	583.91	34.53	ND	ND	N/A	549.38	
	03/16/2006	583.91	34.55	ND	ND	N/A	549.36	
	03/17/2006	583.91	34.55	ND	ND	N/A	549.36	
	03/18/2006	583.91	34.55	ND	ND	N/A	549.36	
	03/19/2006	583.91	34.67	ND	ND	N/A	549.24	
	03/20/2006	583.91	34.76	ND	ND	N/A	549.15	
	03/21/2006	583.91	34.65	ND	ND	N/A	549.26	
	03/22/2006	583.91	34.83	ND	ND	N/A	549.08	
	03/23/2006	583.91	34.91	ND	ND	N/A	549.00	
	03/24/2006	583.91	34.91	ND	ND	N/A	549.00	
	03/25/2006	583.91	34.97	ND	ND	N/A	548.94	
	03/26/2006	583.91	35.05	ND	ND	N/A	548.86	
	03/27/2006	583.91	35.18	ND	ND	N/A	548.73	
	03/28/2006	583.91	35.16	ND	ND	N/A	548.75	
	03/29/2006	583.91	35.22	ND	ND	N/A	548.69	
	03/30/2006	583.91	35.29	ND	ND	N/A	548.62	
	03/31/2006	583.91	35.28	ND	ND	N/A	548.63	
	04/01/2006	583.91	35.23	ND	ND	N/A	548.68	
	04/02/2006	583.91	35.44	ND	ND	N/A	548.47	
	04/03/2006	583.91	35.44	ND	ND	N/A	548.47	
	04/04/2006	583.91	35.59	ND	ND	N/A	548.32	
	04/05/2006	583.91	35.50	ND	ND	N/A	548.41	
	04/06/2006	583.91	35.75	ND	ND	N/A	548.16	
	04/07/2006	583.91	35.43	ND	ND	N/A	548.48	
	04/08/2006	583.91	35.82	ND	ND	N/A	548.09	
	04/09/2006	583.91	36.01	ND	ND	N/A	547.90	
	04/10/2006	583.91	36.06	ND	ND	N/A	547.85	
	04/11/2006	583.91	36.05	ND	ND	N/A	547.86	
	04/12/2006	583.91	36.09	ND	ND	N/A	547.82	
	04/13/2006	583.91	35.94	ND	ND	N/A	547.97	
	04/14/2006	583.91	36.02	ND	ND	N/A	547.89	
	04/17/2006	583.91	36.17	ND	ND	N/A	547.74	
	04/18/2006	583.91	36.28	ND	ND	N/A	547.63	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-47A	04/19/2006	583.91	36.30	ND	ND	N/A	547.61	
	04/21/2006	583.91	36.48	ND	ND	N/A	547.43	
	04/24/2006	583.91	36.47	ND	ND	N/A	547.44	
	04/26/2006	583.91	36.52	ND	ND	N/A	547.39	
	04/28/2006	583.91	36.60	ND	ND	N/A	547.31	
	05/01/2006	583.91	36.65	ND	ND	N/A	547.26	
	05/08/2006	583.91	37.00	ND	ND	N/A	546.91	
	05/15/2006	583.91	37.23	ND	ND	N/A	546.68	
	05/22/2006	583.91	37.48	ND	ND	N/A	546.43	
	05/30/2006	583.91	37.98	ND	ND	N/A	545.93	
	06/05/2006	583.91	DRY	DRY	DRY	DRY	DRY	
	06/12/2006	583.91	38.49	ND	ND	N/A	545.42	
	06/19/2006	583.91	38.77	ND	ND	N/A	545.14	
	06/26/2006	583.91	39.00	ND	ND	N/A	544.91	
	07/03/2006	583.91	37.51	ND	ND	N/A	546.40	
	07/05/2006	583.91	36.96	ND	ND	N/A	546.95	
	07/10/2006	583.91	36.23	ND	ND	N/A	547.68	
	07/17/2006	583.91	35.70	ND	ND	N/A	548.21	
	07/24/2006	583.91	35.46	ND	ND	N/A	548.45	
	07/31/2006	583.91	35.41	ND	ND	N/A	548.50	
	08/14/2006	583.91	35.68	ND	ND	N/A	548.23	
	08/29/2006	583.91	36.70	ND	ND	N/A	547.21	
	09/11/2006	583.91	DRY	DRY	DRY	DRY	DRY	
	09/25/2006	583.91	DRY	DRY	DRY	DRY	DRY	
	10/09/2006	583.91	DRY	DRY	DRY	DRY	DRY	
	10/23/2006	583.91	DRY	DRY	DRY	DRY	DRY	
	11/06/2006	583.91	DRY	DRY	DRY	DRY	DRY	
	11/20/2006	583.91	DRY	DRY	DRY	DRY	DRY	
	12/04/2006	583.91	35.68	ND	ND	N/A	548.23	
	12/18/2006	583.91	35.50	ND	ND	N/A	548.41	
	01/02/2007	583.91	35.70	ND	ND	N/A	548.21	
	01/15/2007	583.91	35.42	ND	ND	N/A	548.49	
	01/29/2007	583.91	35.85	ND	ND	N/A	548.06	
	02/12/2007	583.91	36.31	ND	ND	N/A	547.60	
	02/27/2007	583.91	DRY	DRY	DRY	DRY	DRY	
	03/12/2007	583.91	DRY	DRY	DRY	DRY	DRY	
	03/26/2007	583.91	DRY	DRY	DRY	DRY	DRY	
	04/09/2007	583.91	DRY	DRY	DRY	DRY	DRY	
	05/07/2007	583.91	36.28	ND	ND	N/A	547.63	
	06/04/2007	583.91	DRY	DRY	DRY	DRY	DRY	
	07/02/2007	583.91	DRY	DRY	DRY	DRY	DRY	
	08/13/2007	583.91	DRY	DRY	DRY	DRY	DRY	
	09/10/2007	583.91	DRY	DRY	DRY	DRY	DRY	
	10/08/2007	583.91	DRY	DRY	DRY	DRY	DRY	
	11/05/2007	583.91	DRY	DRY	DRY	DRY	DRY	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-47A	12/03/2007	583.91	DRY	DRY	DRY	DRY	DRY	
	01/07/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	02/05/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	03/11/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	04/22/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	05/13/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	05/21/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	06/09/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	07/23/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	08/13/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	08/25/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	09/16/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	10/15/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	11/20/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	12/11/2008	583.91	DRY	DRY	DRY	DRY	DRY	
	01/19/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	02/16/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	03/04/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	04/13/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	05/05/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	06/02/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	07/01/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	08/04/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	09/01/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	10/01/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	11/03/2009	583.91	DRY	DRY	DRY	DRY	DRY	
	12/01/2009	583.91	35.62	ND	ND	N/A	548.29	
	01/04/2010	583.91	31.61	ND	ND	N/A	552.30	
	02/01/2010	583.91	32.25	ND	ND	N/A	551.66	
	03/03/2010	583.91	33.41	ND	ND	N/A	550.50	
	04/06/2010	583.91	31.23	ND	ND	N/A	552.68	
	05/04/2010	583.91	33.21	ND	ND	N/A	550.70	
	06/02/2010	583.91	35.76	ND	ND	N/A	548.15	
	07/08/2010	583.91	35.92	ND	ND	N/A	547.99	
	08/03/2010	583.91	DRY	DRY	DRY	DRY	DRY	DRY
	09/03/2010	583.91	DRY	DRY	DRY	DRY	DRY	Dry
	10/08/2010	583.91	DRY	DRY	DRY	DRY	DRY	DRY
	11/01/2010	583.91	DRY	DRY	DRY	DRY	DRY	Dry
	12/02/2010	583.91	DRY	DRY	DRY	DRY	DRY	Dry
	01/05/2011	583.91	DRY	DRY	DRY	DRY	DRY	Dry
	02/03/2011	583.91	DRY	DRY	DRY	DRY	DRY	Dry
	03/03/2011	583.91	DRY	DRY	DRY	DRY	DRY	
	04/06/2011	583.91	36.66	ND	ND	N/A	547.25	
	04/26/2011	583.91	DRY	DRY	DRY	DRY	DRY	Dry
	05/03/2011	583.91	DRY	DRY	DRY	DRY	DRY	Dry

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-47A	05/19/2011	583.91	35.07	ND	ND	N/A	548.84	
	06/01/2011	583.91	35.20	ND	ND	N/A	548.71	
	07/06/2011	583.91	35.89	ND	ND	N/A	548.02	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-47B	03/06/2006	583.85	34.67	ND	ND	N/A	549.18	
	03/06/2006	583.85	34.35	ND	ND	N/A	549.50	
	03/07/2006	583.85	34.47	ND	ND	N/A	549.38	
	03/08/2006	583.85	34.52	ND	ND	N/A	549.33	
	03/09/2006	583.85	34.36	ND	ND	N/A	549.49	
	03/10/2006	583.85	34.32	ND	ND	N/A	549.53	
	03/11/2006	583.85	34.56	ND	ND	N/A	549.29	
	03/12/2006	583.85	34.44	ND	ND	N/A	549.41	
	03/13/2006	583.85	34.45	ND	ND	N/A	549.40	
	03/14/2006	583.85	34.41	ND	ND	N/A	549.44	
	03/15/2006	583.85	34.62	ND	ND	N/A	549.23	
	03/16/2006	583.85	34.61	ND	ND	N/A	549.24	
	03/17/2006	583.85	34.71	ND	ND	N/A	549.14	
	03/18/2006	583.85	34.66	ND	ND	N/A	549.19	
	03/19/2006	583.85	34.76	ND	ND	N/A	549.09	
	03/20/2006	583.85	34.85	ND	ND	N/A	549.00	
	03/21/2006	583.85	34.84	ND	ND	N/A	549.01	
	03/22/2006	583.85	34.91	ND	ND	N/A	548.94	
	03/23/2006	583.85	35.04	ND	ND	N/A	548.81	
	03/24/2006	583.85	35.03	ND	ND	N/A	548.82	
	03/25/2006	583.85	35.08	ND	ND	N/A	548.77	
	03/26/2006	583.85	35.16	ND	ND	N/A	548.69	
	03/27/2006	583.85	35.28	ND	ND	N/A	548.57	
	03/28/2006	583.85	35.27	ND	ND	N/A	548.58	
	03/29/2006	583.85	35.33	ND	ND	N/A	548.52	
	03/30/2006	583.85	35.39	ND	ND	N/A	548.46	
	03/31/2006	583.85	35.46	ND	ND	N/A	548.39	
	04/01/2006	583.85	35.36	ND	ND	N/A	548.49	
	04/02/2006	583.85	35.51	ND	ND	N/A	548.34	
	04/03/2006	583.85	35.57	ND	ND	N/A	548.28	
	04/04/2006	583.85	35.72	ND	ND	N/A	548.13	
	04/05/2006	583.85	35.64	ND	ND	N/A	548.21	
	04/06/2006	583.85	35.78	ND	ND	N/A	548.07	
	04/07/2006	583.85	34.96	ND	ND	N/A	548.89	
	04/08/2006	583.85	35.98	ND	ND	N/A	547.87	
	04/09/2006	583.85	35.16	ND	ND	N/A	548.69	
	04/10/2006	583.85	36.08	ND	ND	N/A	547.77	
	04/11/2006	583.85	36.16	ND	ND	N/A	547.69	
	04/12/2006	583.85	36.22	ND	ND	N/A	547.63	
	04/13/2006	583.85	36.11	ND	ND	N/A	547.74	
	04/14/2006	583.85	36.36	ND	ND	N/A	547.49	
	04/17/2006	583.85	36.36	ND	ND	N/A	547.49	
	04/18/2006	583.85	36.47	ND	ND	N/A	547.38	
	04/19/2006	583.85	36.44	ND	ND	N/A	547.41	
	04/21/2006	583.85	36.54	ND	ND	N/A	547.31	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-47B	04/24/2006	583.85	36.63	ND	ND	N/A	547.22	
	04/26/2006	583.85	36.55	ND	ND	N/A	547.30	
	04/28/2006	583.85	36.66	ND	ND	N/A	547.19	
	05/01/2006	583.85	36.75	ND	ND	N/A	547.10	
	05/08/2006	583.85	37.14	ND	ND	N/A	546.71	
	05/15/2006	583.85	37.40	ND	ND	N/A	546.45	
	05/22/2006	583.85	37.55	ND	ND	N/A	546.30	
	05/30/2006	583.85	38.02	ND	ND	N/A	545.83	
	06/05/2006	583.85	35.36	ND	ND	N/A	548.49	
	06/12/2006	583.85	38.55	ND	ND	N/A	545.30	
	06/19/2006	583.85	38.95	ND	ND	N/A	544.90	
	06/26/2006	583.85	39.00	ND	ND	N/A	544.85	
	07/03/2006	583.85	37.54	ND	ND	N/A	546.31	
	07/05/2006	583.85	36.89	ND	ND	N/A	546.96	
	07/10/2006	583.85	36.12	ND	ND	N/A	547.73	
	07/17/2006	583.85	35.63	ND	ND	N/A	548.22	
	07/24/2006	583.85	35.48	ND	ND	N/A	548.37	
	07/31/2006	583.85	35.49	ND	ND	N/A	548.36	
	08/14/2006	583.85	35.70	ND	ND	N/A	548.15	
	08/29/2006	583.85	36.82	ND	ND	N/A	547.03	
	09/11/2006	583.85	37.15	ND	ND	N/A	546.70	
	09/25/2006	583.85	38.51	ND	ND	N/A	545.34	
	10/09/2006	583.85	37.85	ND	ND	N/A	546.00	
	10/23/2006	583.85	38.39	ND	ND	N/A	545.46	
	11/06/2006	583.85	38.35	ND	ND	N/A	545.50	
	11/20/2006	583.85	37.75	ND	ND	N/A	546.10	
	12/04/2006	583.85	35.60	ND	ND	N/A	548.25	
	12/18/2006	583.85	35.56	ND	ND	N/A	548.29	
	01/02/2007	583.85	35.64	ND	ND	N/A	548.21	
	01/15/2007	583.85	35.56	ND	ND	N/A	548.29	
	01/29/2007	583.85	35.68	ND	ND	N/A	548.17	
	02/12/2007	583.85	36.15	ND	ND	N/A	547.70	
	02/27/2007	583.85	37.11	ND	ND	N/A	546.74	
	03/12/2007	583.85	37.17	ND	ND	N/A	546.68	
	03/26/2007	583.85	37.02	ND	ND	N/A	546.83	
	04/09/2007	583.85	36.92	ND	ND	N/A	546.93	
	05/07/2007	583.85	36.39	ND	ND	N/A	547.46	
	06/04/2007	583.85	37.18	ND	ND	N/A	546.67	
	07/02/2007	583.85	38.30	ND	ND	N/A	545.55	
	08/13/2007	583.85	40.48	ND	ND	N/A	543.37	
	09/10/2007	583.85	41.20	ND	ND	N/A	542.65	
	10/08/2007	583.85	41.90	ND	ND	N/A	541.95	
	11/05/2007	583.85	42.86	ND	ND	N/A	540.99	
	12/03/2007	583.85	42.91	ND	ND	N/A	540.94	
	01/07/2008	583.85	42.59	ND	ND	N/A	541.26	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-47B	02/05/2008	583.85	42.85	ND	ND	N/A	541.00	
	03/11/2008	583.85	41.58	ND	ND	N/A	542.27	
	04/22/2008	583.85	39.62	ND	ND	N/A	544.23	
	05/13/2008	583.85	39.00	ND	ND	N/A	544.85	
	06/09/2008	583.85	37.80	ND	ND	N/A	546.05	
	07/23/2008	583.85	37.96	ND	ND	N/A	545.89	
	08/13/2008	583.85	38.53	ND	ND	N/A	545.32	
	09/16/2008	583.85	39.82	ND	ND	N/A	544.03	
	10/15/2008	583.85	40.44	ND	ND	N/A	543.41	
	11/20/2008	583.85	41.51	ND	ND	N/A	542.34	
	12/08/2008	583.85	42.26	ND	ND	N/A	541.59	
	01/19/2009	583.85	41.55	ND	ND	N/A	542.30	
	02/16/2009	583.85	41.77	ND	ND	N/A	542.08	
	03/04/2009	583.85	41.90	ND	ND	N/A	541.95	
	04/13/2009	583.85	41.93	ND	ND	N/A	541.92	
	05/05/2009	583.85	39.90	ND	ND	N/A	543.95	
	06/02/2009	583.85	38.79	ND	ND	N/A	545.06	
	07/01/2009	583.85	37.76	ND	ND	N/A	546.09	
	08/04/2009	583.85	37.80	ND	ND	N/A	546.05	
	09/01/2009	583.85	39.24	ND	ND	N/A	544.61	
	10/01/2009	583.85	38.59	ND	ND	N/A	545.26	
	11/03/2009	583.85	37.29	ND	ND	N/A	546.56	
	12/01/2009	583.85	36.90	ND	ND	N/A	546.95	
	01/04/2010	583.85	31.57	ND	ND	N/A	552.28	
	02/01/2010	583.85	32.18	ND	ND	N/A	551.67	
	03/03/2010	583.85	33.45	ND	ND	N/A	550.40	
	04/06/2010	583.85	31.18	ND	ND	N/A	552.67	
	05/04/2010	583.85	33.06	ND	ND	N/A	550.79	
	06/02/2010	583.85	35.76	ND	ND	N/A	548.09	
	07/08/2010	583.85	35.88	ND	ND	N/A	547.97	
	08/03/2010	583.85	39.12	ND	ND	N/A	544.73	
	09/03/2010	583.85	39.72	ND	ND	N/A	544.13	
	10/08/2010	583.85	41.02	ND	ND	N/A	542.83	
	11/01/2010	583.85	41.77	ND	ND	N/A	542.08	
	12/02/2010	583.85	42.22	ND	ND	N/A	541.63	
	01/05/2011	583.85	42.29	ND	ND	N/A	541.56	
	02/03/2011	583.85	42.10	ND	ND	N/A	541.75	
	03/03/2011	583.85	42.34	ND	ND	N/A	541.51	
	04/06/2011	583.85	36.51	ND	ND	N/A	547.34	
	05/03/2011	583.85	35.31	ND	ND	N/A	548.54	
	06/01/2011	583.85	35.25	ND	ND	N/A	548.60	
	07/06/2011	583.85	35.88	ND	ND	N/A	547.97	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-47BB	11/01/2010	587.27	45.31	ND	ND	N/A	541.96	
	12/02/2010	587.27	44.85	ND	ND	N/A	542.42	
	01/05/2011	587.27	45.13	ND	ND	N/A	542.14	
	02/03/2011	587.27	45.33	ND	ND	N/A	541.94	
	03/03/2011	587.27	45.41	ND	ND	N/A	541.86	
	04/06/2011	587.27	40.51	ND	ND	N/A	546.76	
	05/03/2011	587.27	39.24	ND	ND	N/A	548.03	
	06/01/2011	587.27	38.05	ND	ND	N/A	549.22	
	07/06/2011	587.27	38.80	ND	ND	N/A	548.47	
MW-47C	11/01/2010	587.43	255.20	ND	ND	N/A	332.23	
	12/02/2010	587.43	230.90	ND	ND	N/A	356.53	
	01/04/2011	587.43	135.71	ND	ND	N/A	451.72	
	02/03/2011	587.43	95.02	ND	ND	N/A	492.41	
	03/03/2011	587.43	102.85	ND	ND	N/A	484.58	
	04/05/2011	587.43	81.03	ND	ND	N/A	506.40	
	05/03/2011	587.43	73.37	ND	ND	N/A	514.06	
	06/01/2011	587.43	71.64	ND	ND	N/A	515.79	
	07/06/2011	587.43	71.21	ND	ND	N/A	516.22	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-48A	03/06/2006	569.69	29.06	ND	ND	N/A	540.63	
	03/06/2006	569.69	28.97	ND	ND	N/A	540.72	
	03/07/2006	569.69	49.12	ND	ND	N/A	520.57	
	03/08/2006	569.69	28.98	ND	ND	N/A	540.71	
	03/08/2006	569.69	28.89	ND	ND	N/A	540.80	
	03/09/2006	569.69	28.90	ND	ND	N/A	540.79	
	03/09/2006	569.69	28.86	ND	ND	N/A	540.83	
	03/10/2006	569.69	28.90	ND	ND	N/A	540.79	
	03/11/2006	569.69	28.99	ND	ND	N/A	540.70	
	03/12/2006	569.69	29.01	ND	ND	N/A	540.68	
	03/13/2006	569.69	29.07	ND	ND	N/A	540.62	
	03/14/2006	569.69	29.06	ND	ND	N/A	540.63	
	03/15/2006	569.69	29.22	ND	ND	N/A	540.47	
	03/16/2006	569.69	29.30	ND	ND	N/A	540.39	
	03/18/2006	569.69	29.79	ND	ND	N/A	539.90	
	03/19/2006	569.69	30.04	ND	ND	N/A	539.65	
	03/20/2006	569.69	30.20	ND	ND	N/A	539.49	
	03/21/2006	569.69	30.12	ND	ND	N/A	539.57	
	03/22/2006	569.69	30.28	ND	ND	N/A	539.41	
	03/23/2006	569.69	30.42	ND	ND	N/A	539.27	
	03/24/2006	569.69	30.53	ND	ND	N/A	539.16	
	03/25/2006	569.69	30.76	ND	ND	N/A	538.93	
	03/26/2006	569.69	30.81	ND	ND	N/A	538.88	
	03/27/2006	569.69	30.86	ND	ND	N/A	538.83	
	03/28/2006	569.69	30.88	ND	ND	N/A	538.81	
	03/29/2006	569.69	30.95	ND	ND	N/A	538.74	
	03/30/2006	569.69	31.02	ND	ND	N/A	538.67	
	03/31/2006	569.69	31.15	ND	ND	N/A	538.54	
	04/01/2006	569.69	31.13	ND	ND	N/A	538.56	
	04/02/2006	569.69	31.13	ND	ND	N/A	538.56	
	04/03/2006	569.69	31.50	ND	ND	N/A	538.19	
	04/04/2006	569.69	31.47	ND	ND	N/A	538.22	
	04/05/2006	569.69	31.35	ND	ND	N/A	538.34	
	04/06/2006	569.69	31.51	ND	ND	N/A	538.18	
	04/07/2006	569.69	31.44	ND	ND	N/A	538.25	
	04/08/2006	569.69	31.31	ND	ND	N/A	538.38	
	04/09/2006	569.69	31.37	ND	ND	N/A	538.32	
	04/10/2006	569.69	31.40	ND	ND	N/A	538.29	
	04/11/2006	569.69	31.38	ND	ND	N/A	538.31	
	04/12/2006	569.69	31.51	ND	ND	N/A	538.18	
	04/13/2006	569.69	31.37	ND	ND	N/A	538.32	
	04/14/2006	569.69	31.23	ND	ND	N/A	538.46	
	04/17/2006	569.69	31.35	ND	ND	N/A	538.34	
	04/18/2006	569.69	31.47	ND	ND	N/A	538.22	
	04/19/2006	569.69	31.47	ND	ND	N/A	538.22	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-48A	04/21/2006	569.69	31.60	ND	ND	N/A	538.09	
	04/24/2006	569.69	31.79	ND	ND	N/A	537.90	
	04/26/2006	569.69	31.80	ND	ND	N/A	537.89	
	04/28/2006	569.69	31.90	ND	ND	N/A	537.79	
	05/01/2006	569.69	32.21	ND	ND	N/A	537.48	
	05/08/2006	569.69	32.35	ND	ND	N/A	537.34	
	05/15/2006	569.69	32.46	ND	ND	N/A	537.23	
	05/22/2006	569.69	32.53	ND	ND	N/A	537.16	
	05/30/2006	569.69	32.75	ND	ND	N/A	536.94	
	06/05/2006	569.69	32.76	ND	ND	N/A	536.93	
	06/12/2006	569.69	32.92	ND	ND	N/A	536.77	
	06/19/2006	569.69	33.13	ND	ND	N/A	536.56	
	06/26/2006	569.69	33.17	ND	ND	N/A	536.52	
	07/03/2006	569.69	30.17	ND	ND	N/A	539.52	
	07/05/2006	569.69	29.52	ND	ND	N/A	540.17	
	07/10/2006	569.69	30.12	ND	ND	N/A	539.57	
	07/17/2006	569.69	30.31	ND	ND	N/A	539.38	
	07/24/2006	569.69	30.19	ND	ND	N/A	539.50	
	07/31/2006	569.69	30.48	ND	ND	N/A	539.21	
	08/14/2006	569.69	30.46	ND	ND	N/A	539.23	
	08/28/2006	569.69	30.83	ND	ND	N/A	538.86	
	09/11/2006	569.69	29.98	ND	ND	N/A	539.71	
	09/25/2006	569.69	30.43	ND	ND	N/A	539.26	
	10/09/2006	569.69	30.86	ND	ND	N/A	538.83	
	10/23/2006	569.69	30.59	ND	ND	N/A	539.10	
	11/06/2006	569.69	30.66	ND	ND	N/A	539.03	
	11/20/2006	569.69	29.82	ND	ND	N/A	539.87	
	12/04/2006	569.69	29.19	ND	ND	N/A	540.50	
	12/18/2006	569.69	29.95	ND	ND	N/A	539.74	
	01/02/2007	569.69	29.99	ND	ND	N/A	539.70	
	01/15/2007	569.69	29.61	ND	ND	N/A	540.08	
	01/29/2007	569.69	30.26	ND	ND	N/A	539.43	
	02/12/2007	569.69	30.97	ND	ND	N/A	538.72	
	02/27/2007	569.69	30.98	ND	ND	N/A	538.71	
	03/12/2007	569.69	30.52	ND	ND	N/A	539.17	
	03/26/2007	569.69	30.07	ND	ND	N/A	539.62	
	04/09/2007	569.69	30.39	ND	ND	N/A	539.30	
	05/07/2007	569.69	30.24	ND	ND	N/A	539.45	
	06/04/2007	569.69	30.82	ND	ND	N/A	538.87	
	07/02/2007	569.69	32.21	ND	ND	N/A	537.48	
	08/13/2007	569.69	33.21	ND	ND	N/A	536.48	
	09/10/2007	569.69	33.38	ND	ND	N/A	536.31	
	10/08/2007	569.69	33.64	ND	ND	N/A	536.05	
	11/05/2007	569.69	32.32	ND	ND	N/A	537.37	
	12/03/2007	569.69	33.58	ND	ND	N/A	536.11	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-48A	01/07/2008	569.69	32.61	ND	ND	N/A	537.08	
	02/05/2008	569.69	32.90	ND	ND	N/A	536.79	
	03/11/2008	569.69	31.62	ND	ND	N/A	538.07	
	04/22/2008	569.69	31.07	ND	ND	N/A	538.62	
	05/13/2008	569.69	30.75	ND	ND	N/A	538.94	
	06/09/2008	569.69	30.45	ND	ND	N/A	539.24	
	07/23/2008	569.69	30.99	ND	ND	N/A	538.70	
	08/13/2008	569.69	31.72	ND	ND	N/A	537.97	
	09/18/2008	569.69	31.24	ND	ND	N/A	538.45	
	10/13/2008	569.69	32.29	ND	ND	N/A	537.40	
	11/20/2008	569.69	32.99	ND	ND	N/A	536.70	
	12/08/2008	569.69	33.29	ND	ND	N/A	536.40	
	01/19/2009	569.69	31.89	ND	ND	N/A	537.80	
	02/16/2009	569.69	32.12	ND	ND	N/A	537.57	
	03/05/2009	569.69	32.46	ND	ND	N/A	537.23	
	04/13/2009	569.69	32.65	ND	ND	N/A	537.04	
	05/06/2009	569.69	30.75	ND	ND	N/A	538.94	
	06/02/2009	569.69	30.32	ND	ND	N/A	539.37	
	07/02/2009	569.69	30.55	ND	ND	N/A	539.14	
	08/04/2009	569.69	30.42	ND	ND	N/A	539.27	
	09/02/2009	569.69	30.80	ND	ND	N/A	538.89	
	10/01/2009	569.69	30.25	ND	ND	N/A	539.44	
	11/04/2009	569.69	29.03	ND	ND	N/A	540.66	
	12/03/2009	569.69	29.43	ND	ND	N/A	540.26	
	01/05/2010	569.69	27.96	ND	ND	N/A	541.73	
	02/01/2010	569.69	28.60	ND	ND	N/A	541.09	
	03/03/2010	569.69	29.58	ND	ND	N/A	540.11	
	04/06/2010	569.69	28.27	ND	ND	N/A	541.42	
	05/06/2010	569.69	29.49	ND	ND	N/A	540.20	
	06/01/2010	569.69	30.67	ND	ND	N/A	539.02	
	07/06/2010	569.69	32.38	ND	ND	N/A	537.31	
	08/04/2010	569.69	32.72	ND	ND	N/A	536.97	
	09/02/2010	569.69	33.04	ND	ND	N/A	536.65	
	10/08/2010	569.69	30.84	ND	ND	N/A	538.85	
	11/03/2010	569.69	32.59	ND	ND	N/A	537.10	
	12/02/2010	569.69	32.86	ND	ND	N/A	536.83	
	01/05/2011	569.69	32.75	ND	ND	N/A	536.94	
	02/02/2011	569.69	32.60	ND	ND	N/A	537.09	
	03/04/2011	569.69	31.74	ND	ND	N/A	537.95	
	04/07/2011	569.69	29.14	ND	ND	N/A	540.55	
	04/26/2011	569.69	28.86	ND	ND	N/A	540.83	
	05/04/2011	569.69	29.16	ND	ND	N/A	540.53	
	05/19/2011	569.69	29.10	ND	ND	N/A	540.59	
	06/01/2011	569.69	28.97	ND	ND	N/A	540.72	
	07/06/2011	569.69	30.42	ND	ND	N/A	539.27	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-48B	03/06/2006	569.60	48.74	ND	ND	N/A	520.86	
	03/06/2006	569.60	47.76	ND	ND	N/A	521.84	
	03/07/2006	569.60	28.97	ND	ND	N/A	540.63	
	03/08/2006	569.60	50.05	ND	ND	N/A	519.55	
	03/08/2006	569.60	47.37	ND	ND	N/A	522.23	
	03/09/2006	569.60	45.25	ND	ND	N/A	524.35	
	03/09/2006	569.60	45.20	ND	ND	N/A	524.40	
	03/10/2006	569.60	48.26	ND	ND	N/A	521.34	
	03/11/2006	569.60	38.29	ND	ND	N/A	531.31	
	03/12/2006	569.60	32.91	ND	ND	N/A	536.69	
	03/13/2006	569.60	32.16	ND	ND	N/A	537.44	
	03/14/2006	569.60	45.77	ND	ND	N/A	523.83	
	03/15/2006	569.60	37.35	ND	ND	N/A	532.25	
	03/16/2006	569.60	31.52	ND	ND	N/A	538.08	
	03/18/2006	569.60	37.82	ND	ND	N/A	531.78	
	03/19/2006	569.60	32.41	ND	ND	N/A	537.19	
	03/20/2006	569.60	31.43	ND	ND	N/A	538.17	
	03/21/2006	569.60	30.45	ND	ND	N/A	539.15	
	03/22/2006	569.60	47.52	ND	ND	N/A	522.08	
	03/23/2006	569.60	40.51	ND	ND	N/A	529.09	
	03/24/2006	569.60	33.83	ND	ND	N/A	535.77	
	03/25/2006	569.60	31.69	ND	ND	N/A	537.91	
	03/26/2006	569.60	30.74	ND	ND	N/A	538.86	
	03/27/2006	569.60	29.95	ND	ND	N/A	539.65	
	03/28/2006	569.60	29.45	ND	ND	N/A	540.15	
	03/29/2006	569.60	31.96	ND	ND	N/A	537.64	
	03/30/2006	569.60	30.00	ND	ND	N/A	539.60	
	03/31/2006	569.60	28.75	ND	ND	N/A	540.85	
	04/01/2006	569.60	27.86	ND	ND	N/A	541.74	
	04/02/2006	569.60	27.29	ND	ND	N/A	542.31	
	04/03/2006	569.60	27.22	ND	ND	N/A	542.38	
	04/04/2006	569.60	27.21	ND	ND	N/A	542.39	
	04/05/2006	569.60	46.11	ND	ND	N/A	523.49	
	04/06/2006	569.60	39.22	ND	ND	N/A	530.38	
	04/07/2006	569.60	38.44	ND	ND	N/A	531.16	
	04/08/2006	569.60	33.49	ND	ND	N/A	536.11	
	04/09/2006	569.60	32.04	ND	ND	N/A	537.56	
	04/10/2006	569.60	30.99	ND	ND	N/A	538.61	
	04/11/2006	569.60	29.99	ND	ND	N/A	539.61	
	04/12/2006	569.60	34.38	ND	ND	N/A	535.22	
	04/13/2006	569.60	30.96	ND	ND	N/A	538.64	
	04/14/2006	569.60	28.86	ND	ND	N/A	540.74	
	04/17/2006	569.60	27.71	ND	ND	N/A	541.89	
	04/18/2006	569.60	38.75	ND	ND	N/A	530.85	
	04/19/2006	569.60	35.34	ND	ND	N/A	534.26	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-48B	04/21/2006	569.60	32.66	ND	ND	N/A	536.94	
	04/24/2006	569.60	30.59	ND	ND	N/A	539.01	
	04/26/2006	569.60	29.06	ND	ND	N/A	540.54	
	04/28/2006	569.60	28.25	ND	ND	N/A	541.35	
	05/01/2006	569.60	28.02	ND	ND	N/A	541.58	
	05/08/2006	569.60	28.21	ND	ND	N/A	541.39	
	05/15/2006	569.60	28.37	ND	ND	N/A	541.23	
	05/22/2006	569.60	40.12	ND	ND	N/A	529.48	
	05/30/2006	569.60	33.75	ND	ND	N/A	535.85	
	06/05/2006	569.60	31.26	ND	ND	N/A	538.34	
	06/12/2006	569.60	30.19	ND	ND	N/A	539.41	
	06/19/2006	569.60	29.81	ND	ND	N/A	539.79	
	06/26/2006	569.60	27.77	ND	ND	N/A	541.83	
	07/03/2006	569.60	26.31	ND	ND	N/A	543.29	
	07/05/2006	569.60	25.73	ND	ND	N/A	543.87	
	07/10/2006	569.60	25.39	ND	ND	N/A	544.21	
	07/17/2006	569.60	25.51	ND	ND	N/A	544.09	
	07/24/2006	569.60	25.65	ND	ND	N/A	543.95	
	07/31/2006	569.60	25.84	ND	ND	N/A	543.76	
	08/14/2006	569.60	25.90	ND	ND	N/A	543.70	
	08/28/2006	569.60	27.74	ND	ND	N/A	541.86	
	09/11/2006	569.60	26.32	ND	ND	N/A	543.28	
	09/25/2006	569.60	26.21	ND	ND	N/A	543.39	
	10/09/2006	569.60	26.19	ND	ND	N/A	543.41	
	10/23/2006	569.60	26.11	ND	ND	N/A	543.49	
	11/06/2006	569.60	25.61	ND	ND	N/A	543.99	
	11/20/2006	569.60	23.75	ND	ND	N/A	545.85	
	12/04/2006	569.60	24.13	ND	ND	N/A	545.47	
	12/18/2006	569.60	24.70	ND	ND	N/A	544.90	
	01/02/2007	569.60	25.00	ND	ND	N/A	544.60	
	01/15/2007	569.60	25.08	ND	ND	N/A	544.52	
	01/29/2007	569.60	25.36	ND	ND	N/A	544.24	
	02/12/2007	569.60	25.73	ND	ND	N/A	543.87	
	02/27/2007	569.60	34.29	ND	ND	N/A	535.31	
	03/12/2007	569.60	29.31	ND	ND	N/A	540.29	
	03/26/2007	569.60	27.15	ND	ND	N/A	542.45	
	04/09/2007	569.60	26.56	ND	ND	N/A	543.04	
	05/07/2007	569.60	26.16	ND	ND	N/A	543.44	
	06/04/2007	569.60	26.52	ND	ND	N/A	543.08	
	07/02/2007	569.60	28.15	ND	ND	N/A	541.45	
	08/13/2007	569.60	28.85	ND	ND	N/A	540.75	
	09/10/2007	569.60	30.06	ND	ND	N/A	539.54	
	10/08/2007	569.60	32.23	ND	ND	N/A	537.37	
	11/05/2007	569.60	33.03	ND	ND	N/A	536.57	
	12/03/2007	569.60	31.19	ND	ND	N/A	538.41	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-48B	01/07/2008	569.60	29.20	ND	ND	N/A	540.40	
	02/05/2008	569.60	28.95	ND	ND	N/A	540.65	
	03/11/2008	569.60	33.01	ND	ND	N/A	536.59	
	04/22/2008	569.60	29.76	ND	ND	N/A	539.84	
	05/13/2008	569.60	28.15	ND	ND	N/A	541.45	
	06/09/2008	569.60	27.25	ND	ND	N/A	542.35	
	07/23/2008	569.60	27.31	ND	ND	N/A	542.29	
	08/13/2008	569.60	27.69	ND	ND	N/A	541.91	
	09/18/2008	569.60	29.58	ND	ND	N/A	540.02	
	10/13/2008	569.60	28.55	ND	ND	N/A	541.05	
	11/20/2008	569.60	29.16	ND	ND	N/A	540.44	
	12/08/2008	569.60	29.22	ND	ND	N/A	540.38	
	01/19/2009	569.60	27.51	ND	ND	N/A	542.09	
	02/16/2009	569.60	27.60	ND	ND	N/A	542.00	
	03/05/2009	569.60	27.90	ND	ND	N/A	541.70	
	04/13/2009	569.60	28.39	ND	ND	N/A	541.21	
	05/06/2009	569.60	31.40	ND	ND	N/A	538.20	
	06/02/2009	569.60	25.90	ND	ND	N/A	543.70	
	07/02/2009	569.60	26.04	ND	ND	N/A	543.56	
	08/04/2009	569.60	26.61	ND	ND	N/A	542.99	
	09/02/2009	569.60	26.83	ND	ND	N/A	542.77	
	10/01/2009	569.60	25.58	ND	ND	N/A	544.02	
	11/04/2009	569.60	24.36	ND	ND	N/A	545.24	
	12/03/2009	569.60	24.16	ND	ND	N/A	545.44	
	01/05/2010	569.60	23.13	ND	ND	N/A	546.47	
	02/01/2010	569.60	22.69	ND	ND	N/A	546.91	
	03/03/2010	569.60	24.66	ND	ND	N/A	544.94	
	04/06/2010	569.60	23.42	ND	ND	N/A	546.18	
	05/06/2010	569.60	24.73	ND	ND	N/A	544.87	
	06/01/2010	569.60	26.02	ND	ND	N/A	543.58	
	07/06/2010	569.60	28.37	ND	ND	N/A	541.23	
	08/04/2010	569.60	28.87	ND	ND	N/A	540.73	
	09/02/2010	569.60	29.44	ND	ND	N/A	540.16	
	10/08/2010	569.60	27.19	ND	ND	N/A	542.41	
	11/03/2010	569.60	28.46	ND	ND	N/A	541.14	
	12/02/2010	569.60	28.75	ND	ND	N/A	540.85	
	01/05/2011	569.60	28.41	ND	ND	N/A	541.19	
	02/02/2011	569.60	28.65	ND	ND	N/A	540.95	
	03/04/2011	569.60	26.22	ND	ND	N/A	543.38	
	04/07/2011	569.60	24.34	ND	ND	N/A	545.26	
	05/04/2011	569.60	24.37	ND	ND	N/A	545.23	
	06/01/2011	569.60	24.30	ND	ND	N/A	545.30	
	07/06/2011	569.60	26.04	ND	ND	N/A	543.56	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-54 [R]	03/08/2006	597.83	37.95	ND	ND	N/A	559.88	
	03/08/2006	597.83	37.74	ND	ND	N/A	560.09	
	03/09/2006	597.83	37.46	ND	ND	N/A	560.37	
	03/10/2006	597.83	37.64	ND	ND	N/A	560.19	
	03/12/2006	597.83	40.50	ND	ND	N/A	557.33	
	03/13/2006	597.83	38.19	ND	ND	N/A	559.64	
	03/14/2006	597.83	38.67	ND	ND	N/A	559.16	
	03/15/2006	597.83	38.83	ND	ND	N/A	559.00	
	03/16/2006	597.83	39.08	ND	ND	N/A	558.75	
	03/17/2006	597.83	40.20	ND	ND	N/A	557.63	
	03/18/2006	597.83	39.60	ND	ND	N/A	558.23	
	03/19/2006	597.83	39.28	ND	ND	N/A	558.55	
	03/20/2006	597.83	39.26	ND	ND	N/A	558.57	
	03/21/2006	597.83	39.64	ND	ND	N/A	558.19	
	03/22/2006	597.83	39.71	ND	ND	N/A	558.12	
	03/23/2006	597.83	39.90	ND	ND	N/A	557.93	
	03/24/2006	597.83	40.03	ND	ND	N/A	557.80	
	03/25/2006	597.83	39.85	ND	ND	N/A	557.98	
	03/26/2006	597.83	39.35	ND	ND	N/A	558.48	
	03/27/2006	597.83	39.09	ND	ND	N/A	558.74	
	03/28/2006	597.83	39.34	ND	ND	N/A	558.49	
	03/29/2006	597.83	39.25	ND	ND	N/A	558.58	
	03/30/2006	597.83	39.37	ND	ND	N/A	558.46	
	03/31/2006	597.83	39.56	ND	ND	N/A	558.27	
	04/01/2006	597.83	39.81	ND	ND	N/A	558.02	
	04/02/2006	597.83	39.83	ND	ND	N/A	558.00	
	04/03/2006	597.83	39.85	ND	ND	N/A	557.98	
	04/04/2006	597.83	40.27	ND	ND	N/A	557.56	
	04/05/2006	597.83	40.32	ND	ND	N/A	557.51	
	04/06/2006	597.83	40.68	ND	ND	N/A	557.15	
	04/07/2006	597.83	40.54	ND	ND	N/A	557.29	
	04/08/2006	597.83	40.23	ND	ND	N/A	557.60	
	04/09/2006	597.83	39.95	ND	ND	N/A	557.88	
	04/10/2006	597.83	39.40	ND	ND	N/A	558.43	
	04/11/2006	597.83	39.94	ND	ND	N/A	557.89	
	04/12/2006	597.83	39.97	ND	ND	N/A	557.86	
	04/13/2006	597.83	40.06	ND	ND	N/A	557.77	
	04/14/2006	597.83	39.78	ND	ND	N/A	558.05	
	04/17/2006	597.83	39.20	ND	ND	N/A	558.63	
	04/18/2006	597.83	39.50	ND	ND	N/A	558.33	
	04/19/2006	597.83	39.60	ND	ND	N/A	558.23	
	04/21/2006	597.83	39.62	ND	ND	N/A	558.21	
	04/24/2006	597.83	39.09	ND	ND	N/A	558.74	
	04/26/2006	597.83	39.26	ND	ND	N/A	558.57	
	04/28/2006	597.83	39.29	ND	ND	N/A	558.54	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-54 [R]	05/01/2006	597.83	38.94	ND	ND	N/A	558.89	
	05/08/2006	597.83	39.13	ND	ND	N/A	558.70	
	05/15/2006	597.83	39.01	ND	ND	N/A	558.82	
	05/22/2006	597.83	40.18	ND	ND	N/A	557.65	
	05/30/2006	597.83	40.88	ND	ND	N/A	556.95	
	06/05/2006	597.83	41.38	ND	ND	N/A	556.45	
	06/12/2006	597.83	41.87	ND	ND	N/A	555.96	
	06/19/2006	597.83	42.16	ND	ND	N/A	555.67	
	07/03/2006	597.83	41.91	ND	ND	N/A	555.92	
	07/05/2006	597.83	42.25	ND	ND	N/A	555.58	
	07/10/2006	597.83	42.19	ND	ND	N/A	555.64	
	07/17/2006	597.83	41.27	ND	ND	N/A	556.56	
	07/24/2006	597.83	36.71	ND	ND	N/A	561.12	
	07/31/2006	597.83	41.46	ND	ND	N/A	556.37	
	08/14/2006	597.83	42.27	ND	ND	N/A	555.56	
	08/28/2006	597.83	42.82	ND	ND	N/A	555.01	
	09/11/2006	597.83	42.42	ND	ND	N/A	555.41	
	09/25/2006	597.83	42.27	ND	ND	N/A	555.56	
	10/09/2006	597.83	43.71	ND	ND	N/A	554.12	
	10/23/2006	597.83	43.16	ND	ND	N/A	554.67	
	11/06/2006	597.83	43.12	ND	ND	N/A	554.71	
	11/20/2006	597.83	43.22	ND	ND	N/A	554.61	
	12/04/2006	597.83	42.24	ND	ND	N/A	555.59	
	12/18/2006	597.83	42.24	ND	ND	N/A	555.59	
	01/02/2007	597.83	42.23	ND	ND	N/A	555.60	
	01/15/2007	597.83	42.22	ND	ND	N/A	555.61	
	01/29/2007	597.83	42.23	ND	ND	N/A	555.60	
	02/12/2007	597.83	42.26	ND	ND	N/A	555.57	
	02/27/2007	597.83	42.43	ND	ND	N/A	555.40	
	03/12/2007	597.83	42.38	ND	ND	N/A	555.45	
	03/26/2007	597.83	42.25	ND	ND	N/A	555.58	
	04/09/2007	597.83	42.24	ND	ND	N/A	555.59	
	05/07/2007	597.83	41.94	ND	ND	N/A	555.89	
	06/04/2007	597.83	42.02	ND	ND	N/A	555.81	
	07/02/2007	597.83	42.31	ND	ND	N/A	555.52	
	08/13/2007	597.83	41.47	ND	ND	N/A	556.36	
	09/10/2007	597.83	41.05	ND	ND	N/A	556.78	
	10/08/2007	597.83	41.51	ND	ND	N/A	556.32	
	11/05/2007	597.83	41.54	ND	ND	N/A	556.29	
	12/03/2007	597.83	42.14	ND	ND	N/A	555.69	
	01/07/2008	597.83	42.02	ND	ND	N/A	555.81	
	02/05/2008	597.83	42.57	ND	ND	N/A	555.26	
	03/11/2008	597.83	42.21	ND	ND	N/A	555.62	
	04/22/2008	597.83	43.28	ND	ND	N/A	554.55	
	05/14/2008	597.83	43.67	ND	ND	N/A	554.16	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-54 [R]	06/09/2008	597.83	42.50	ND	ND	N/A	555.33	
	07/23/2008	597.83	41.70	ND	ND	N/A	556.13	
	08/13/2008	597.83	41.45	ND	ND	N/A	556.38	
	09/16/2008	597.83	41.95	ND	ND	N/A	555.88	
	10/15/2008	597.83	41.78	ND	ND	N/A	556.05	
	11/20/2008	597.83	43.03	ND	ND	N/A	554.80	
	12/08/2008	597.83	43.13	ND	ND	N/A	554.70	
	01/19/2009	597.83	43.12	ND	ND	N/A	554.71	
	02/16/2009	597.83	43.42	ND	ND	N/A	554.41	
	03/05/2009	597.83	44.02	ND	ND	N/A	553.81	
	04/13/2009	597.83	44.02	ND	ND	N/A	553.81	
	05/05/2009	597.83	44.48	ND	ND	N/A	553.35	
	06/02/2009	597.83	43.18	ND	ND	N/A	554.65	
	07/02/2009	597.83	42.35	ND	ND	N/A	555.48	
	08/05/2009	597.83	42.80	ND	ND	N/A	555.03	
	09/01/2009	597.83	43.23	ND	ND	N/A	554.60	
	10/01/2009	597.83	42.94	ND	ND	N/A	554.89	
	11/03/2009	597.83	42.31	ND	ND	N/A	555.52	
	12/01/2009	597.83	42.11	ND	ND	N/A	555.72	
	01/04/2010	597.83	40.22	ND	ND	N/A	557.61	
	02/02/2010	597.83	39.42	ND	ND	N/A	558.41	
	03/02/2010	597.83	38.73	ND	ND	N/A	559.10	
	04/08/2010	597.83	38.13	ND	ND	N/A	559.70	
	05/04/2010	597.83	38.58	ND	ND	N/A	559.25	
	06/02/2010	597.87	51.10	ND	ND	N/A	546.77	
	07/06/2010	597.87	50.95	ND	ND	N/A	546.92	
	08/03/2010	597.87	50.96	ND	ND	N/A	546.91	
	09/01/2010	597.87	50.96	ND	ND	N/A	546.91	
	10/05/2010	597.87	51.07	ND	ND	N/A	546.80	
	11/02/2010	597.87	50.98	ND	ND	N/A	546.89	
	12/07/2010	597.87	50.78	ND	ND	N/A	547.09	
	01/04/2011	597.87	51.03	ND	ND	N/A	546.84	
	02/03/2011	597.87	51.02	ND	ND	N/A	546.85	
	03/08/2011	597.87	51.71	ND	ND	N/A	546.16	
	04/05/2011	597.87	51.00	ND	ND	N/A	546.87	
	05/03/2011	597.87	51.14	ND	ND	N/A	546.73	
	06/01/2011	597.87	51.29	ND	ND	N/A	546.58	
	07/05/2011	597.87	51.03	ND	ND	N/A	546.84	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-57 [R]	03/12/2006	583.18	31.80	ND	ND	N/A	551.38	
	03/13/2006	583.18	37.73	34.74	2.99	2.27	547.72	
	03/14/2006	583.18	37.81	34.96	2.85	2.17	547.54	
	03/15/2006	583.18	34.60	33.89	0.71	0.54	549.12	
	03/16/2006	583.18	42.01	37.26	4.75	3.61	544.78	
	03/17/2006	583.18	36.80	32.63	4.17	3.17	549.55	
	03/18/2006	583.18	36.05	32.20	3.85	2.93	550.06	
	03/19/2006	583.18	35.66	33.40	2.26	1.72	549.24	
	03/21/2006	583.18	32.10	29.52	2.58	1.96	553.04	
	03/23/2006	583.18	34.90	34.81	0.09	0.07	548.35	
	03/24/2006	583.18	32.35	32.18	0.17	0.13	550.96	
	03/25/2006	583.18	29.95	ND	ND	N/A	553.23	
	03/26/2006	583.18	36.25	36.18	0.07	0.05	546.98	
	03/27/2006	583.18	35.13	35.12	0.01	0.01	548.06	
	03/28/2006	583.18	32.12	ND	ND	N/A	551.06	
	03/29/2006	583.18	32.91	ND	ND	N/A	550.27	
	03/30/2006	583.18	33.43	33.40	0.03	0.02	549.77	
	03/31/2006	583.18	34.82	ND	ND	N/A	548.36	
	04/01/2006	583.18	35.85	ND	ND	N/A	547.33	
	04/02/2006	583.18	32.58	ND	ND	N/A	550.60	
	04/03/2006	583.18	35.70	ND	ND	N/A	547.48	
	04/04/2006	583.18	35.84	35.83	0.01	0.01	547.35	
	04/05/2006	583.18	35.92	35.91	0.01	0.01	547.27	
	04/06/2006	583.18	35.90	35.89	0.01	0.01	547.29	
	04/07/2006	583.18	39.97	ND	ND	N/A	543.21	
	04/08/2006	583.18	37.40	ND	ND	N/A	545.78	
	04/09/2006	583.18	39.91	ND	ND	N/A	543.27	
	04/10/2006	583.18	36.86	ND	ND	N/A	546.32	
	04/11/2006	583.18	39.02	ND	ND	N/A	544.16	
	04/12/2006	583.18	37.38	ND	ND	N/A	545.80	
	04/13/2006	583.18	38.30	ND	ND	N/A	544.88	
	04/14/2006	583.18	38.30	ND	ND	N/A	544.88	
	04/17/2006	583.18	38.46	ND	ND	N/A	544.72	
	04/18/2006	583.18	37.90	ND	ND	N/A	545.28	
	04/19/2006	583.18	39.18	ND	ND	N/A	544.00	
	04/21/2006	583.18	39.21	ND	ND	N/A	543.97	
	04/24/2006	583.18	38.33	ND	ND	N/A	544.85	
	04/26/2006	583.18	39.22	ND	ND	N/A	543.96	
	04/28/2006	583.18	39.09	ND	ND	N/A	544.09	
	05/01/2006	583.18	39.10	ND	ND	N/A	544.08	
	05/08/2006	583.18	39.86	ND	ND	N/A	543.32	
	05/15/2006	583.18	39.37	ND	ND	N/A	543.81	
	05/22/2006	583.18	44.87	ND	ND	N/A	538.31	
	05/30/2006	583.18	61.09	ND	ND	N/A	522.09	
	06/05/2006	583.18	61.10	ND	ND	N/A	522.08	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-57 [R]	06/12/2006	583.18	DRY	DRY	DRY	DRY	DRY	
	06/16/2006	583.18	62.86	ND	ND	N/A	520.32	
	06/19/2006	583.18	61.46	ND	ND	N/A	521.72	
	06/20/2006	583.18	62.88	ND	ND	N/A	520.30	
	06/21/2006	583.18	62.80	ND	ND	N/A	520.38	
	06/22/2006	583.18	41.19	ND	ND	N/A	541.99	
	07/05/2006	583.18	62.56	ND	ND	N/A	520.62	
	07/10/2006	583.18	62.74	ND	ND	N/A	520.44	
	07/17/2006	583.18	31.02	ND	ND	N/A	552.16	
	07/24/2006	583.18	30.61	ND	ND	N/A	552.57	
	07/31/2006	583.18	59.81	ND	ND	N/A	523.37	
	08/14/2006	583.18	58.20	ND	ND	N/A	524.98	
	08/28/2006	583.18	59.61	ND	ND	N/A	523.57	
	09/11/2006	583.18	58.76	ND	ND	N/A	524.42	
	09/25/2006	583.18	59.31	ND	ND	N/A	523.87	
	10/09/2006	583.18	59.43	ND	ND	N/A	523.75	
	10/23/2006	583.18	60.04	ND	ND	N/A	523.14	
	11/06/2006	583.18	61.15	ND	ND	N/A	522.03	
	11/20/2006	583.18	60.12	ND	ND	N/A	523.06	
	12/04/2006	583.18	DRY	DRY	DRY	DRY	DRY	
	12/18/2006	583.18	60.35	ND	ND	N/A	522.83	
	01/02/2007	583.18	60.40	ND	ND	N/A	522.78	
	01/15/2007	583.18	DRY	DRY	DRY	DRY	DRY	
	01/29/2007	583.18	DRY	DRY	DRY	DRY	DRY	
	02/12/2007	583.18	54.77	ND	ND	N/A	528.41	
	02/27/2007	583.18	61.02	ND	ND	N/A	522.16	
	03/12/2007	583.18	60.32	ND	ND	N/A	522.86	
	03/26/2007	583.18	61.32	ND	ND	N/A	521.86	
	04/09/2007	583.18	DRY	DRY	DRY	DRY	DRY	
	05/07/2007	583.18	63.10	ND	ND	N/A	520.08	
	06/04/2007	583.18	60.42	ND	ND	N/A	522.76	
	07/02/2007	583.18	60.38	ND	ND	N/A	522.80	
	08/13/2007	583.18	60.43	ND	ND	N/A	522.75	
	10/08/2007	583.18	35.72	ND	ND	N/A	547.46	
	11/05/2007	583.18	60.60	ND	ND	N/A	522.58	
	12/03/2007	583.18	60.23	ND	ND	N/A	522.95	
	01/07/2008	583.18	58.71	ND	ND	N/A	524.47	
	02/05/2008	583.18	60.42	ND	ND	N/A	522.76	
	03/11/2008	583.18	46.30	ND	ND	N/A	536.88	
	04/22/2008	583.18	50.04	ND	ND	N/A	533.14	
	05/13/2008	583.18	58.61	ND	ND	N/A	524.57	
	06/10/2008	583.18	58.05	ND	ND	N/A	525.13	
	07/23/2008	583.18	58.75	ND	ND	N/A	524.43	
	08/13/2008	583.18	60.32	ND	ND	N/A	522.86	
	09/16/2008	583.18	60.35	ND	ND	N/A	522.83	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-57 [R]	10/15/2008	583.18	60.20	ND	ND	N/A	522.98	
	11/20/2008	583.18	60.39	ND	ND	N/A	522.79	
	12/09/2008	583.18	60.54	ND	ND	N/A	522.64	
	01/22/2009	583.18	59.95	ND	ND	N/A	523.23	
	02/16/2009	583.18	59.84	ND	ND	N/A	523.34	
	03/05/2009	583.18	60.38	ND	ND	N/A	522.80	
	04/16/2009	583.18	60.40	ND	ND	N/A	522.78	
	05/06/2009	583.18	60.32	ND	ND	N/A	522.86	
	06/03/2009	583.18	60.33	ND	ND	N/A	522.85	
	07/02/2009	583.18	60.24	ND	ND	N/A	522.94	
	08/06/2009	583.18	60.28	ND	ND	N/A	522.90	
	09/02/2009	583.18	60.38	ND	ND	N/A	522.80	
	10/06/2009	583.18	60.38	ND	ND	N/A	522.80	
	11/05/2009	583.18	60.40	ND	ND	N/A	522.78	
	12/03/2009	583.18	60.34	ND	ND	N/A	522.84	
	01/06/2010	583.18	60.41	ND	ND	N/A	522.77	
	02/03/2010	583.18	60.38	ND	ND	N/A	522.80	
	03/02/2010	583.18	61.06	ND	ND	N/A	522.12	
	04/07/2010	583.18	60.10	ND	ND	N/A	523.08	
	05/04/2010	583.18	60.24	ND	ND	N/A	522.94	
	06/02/2010	582.30	60.29	ND	ND	N/A	522.01	
	07/08/2010	582.30	60.40	ND	ND	N/A	521.90	
	08/05/2010	582.30	60.18	ND	ND	N/A	522.12	
	09/03/2010	582.30	60.55	ND	ND	N/A	521.75	
	10/05/2010	582.30	60.50	ND	ND	N/A	521.80	
	11/02/2010	582.30	60.42	ND	ND	N/A	521.88	
	12/02/2010	582.30	60.30	ND	ND	N/A	522.00	
	01/05/2011	582.30	60.48	ND	ND	N/A	521.82	
	02/01/2011	582.30	60.50	ND	ND	N/A	521.80	
	03/08/2011	582.30	60.48	ND	ND	N/A	521.82	
	04/06/2011	582.30	60.46	ND	ND	N/A	521.84	
	05/03/2011	582.30	60.49	ND	ND	N/A	521.81	
	06/03/2011	582.30	60.42	ND	ND	N/A	521.88	
	07/05/2011	582.30	60.41	ND	ND	N/A	521.89	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-57P	03/24/2006	582.60	32.57	ND	ND	N/A	550.03	
	03/25/2006	582.60	33.13	33.09	0.04	0.03	549.50	
	03/26/2006	582.60	35.08	33.05	2.03	1.54	549.06	
	03/27/2006	582.60	33.03	33.01	0.02	0.02	549.59	
	03/28/2006	582.60	32.87	32.84	0.03	0.02	549.75	
	03/29/2006	582.60	32.80	ND	ND	N/A	549.80	
	03/30/2006	582.60	33.15	33.09	0.06	0.05	549.50	
	03/31/2006	582.60	33.71	33.40	0.31	0.24	549.13	
	04/01/2006	582.60	33.90	33.51	0.39	0.30	549.00	
	04/02/2006	582.60	34.22	33.85	0.37	0.28	548.66	
	04/03/2006	582.60	34.05	33.72	0.33	0.25	548.80	
	04/04/2006	582.60	34.24	ND	ND	N/A	548.36	
	04/05/2006	582.60	34.11	33.88	0.23	0.17	548.66	
	04/06/2006	582.60	34.14	33.87	0.27	0.21	548.67	
	04/07/2006	582.60	36.35	35.87	0.48	0.36	546.61	
	04/08/2006	582.60	38.04	37.31	0.73	0.55	545.11	
	04/09/2006	582.60	38.51	37.77	0.74	0.56	544.65	
	04/10/2006	582.60	35.15	ND	ND	N/A	547.45	
	04/11/2006	582.60	28.42	28.28	0.14	0.11	554.29	
	04/12/2006	582.60	35.66	ND	ND	N/A	546.94	
	04/13/2006	582.60	38.76	38.59	0.17	0.13	543.97	
	04/14/2006	582.60	39.20	39.01	0.19	0.14	543.54	
	04/17/2006	582.60	39.80	39.60	0.20	0.15	542.95	
	04/18/2006	582.60	37.91	ND	ND	N/A	544.69	
	04/19/2006	582.60	37.66	ND	ND	N/A	544.94	
	04/20/2006	582.60	38.16	ND	ND	N/A	544.44	
	04/21/2006	582.60	39.40	ND	ND	N/A	543.20	
	04/24/2006	582.60	38.00	ND	ND	N/A	544.60	
	04/25/2006	582.60	37.33	ND	ND	N/A	545.27	
	04/26/2006	582.60	38.81	ND	ND	N/A	543.79	
	04/27/2006	582.60	37.22	ND	ND	N/A	545.38	
	04/28/2006	582.60	38.50	ND	ND	N/A	544.10	
	05/01/2006	582.60	38.07	ND	ND	N/A	544.53	
	05/02/2006	582.60	37.95	ND	ND	N/A	544.65	
	05/03/2006	582.60	38.97	ND	ND	N/A	543.63	
	05/04/2006	582.60	40.84	40.83	0.01	0.01	541.77	
	05/05/2006	582.60	59.85	ND	ND	N/A	522.75	
	05/08/2006	582.60	38.91	ND	ND	N/A	543.69	
	05/09/2006	582.60	39.62	ND	ND	N/A	542.98	
	05/10/2006	582.60	39.78	ND	ND	N/A	542.82	
	05/11/2006	582.60	39.85	ND	ND	N/A	542.75	
	05/12/2006	582.60	39.10	ND	ND	N/A	543.50	
	05/15/2006	582.60	40.21	ND	ND	N/A	542.39	
	05/16/2006	582.60	40.50	ND	ND	N/A	542.10	
	05/17/2006	582.60	39.42	ND	ND	N/A	543.18	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-57P	05/18/2006	582.60	38.53	ND	ND	N/A	544.07	
	05/19/2006	582.60	46.94	ND	ND	N/A	535.66	
	05/22/2006	582.60	42.86	ND	ND	N/A	539.74	
	05/23/2006	582.60	39.15	ND	ND	N/A	543.45	
	05/24/2006	582.60	43.20	ND	ND	N/A	539.40	
	05/25/2006	582.60	47.12	ND	ND	N/A	535.48	
	05/26/2006	582.60	46.84	ND	ND	N/A	535.76	
	05/30/2006	582.60	46.70	ND	ND	N/A	535.90	
	05/31/2006	582.60	43.82	ND	ND	N/A	538.78	
	06/01/2006	582.60	46.27	ND	ND	N/A	536.33	
	06/02/2006	582.60	46.12	ND	ND	N/A	536.48	
	06/05/2006	582.60	46.97	ND	ND	N/A	535.63	
	06/06/2006	582.60	46.29	ND	ND	N/A	536.31	
	06/07/2006	582.60	46.30	ND	ND	N/A	536.30	
	06/08/2006	582.60	45.46	ND	ND	N/A	537.14	
	06/09/2006	582.60	45.65	ND	ND	N/A	536.95	
	06/12/2006	582.60	46.09	ND	ND	N/A	536.51	
	06/13/2006	582.60	43.49	ND	ND	N/A	539.11	
	06/19/2006	582.60	45.75	ND	ND	N/A	536.85	
	06/23/2006	582.60	42.55	ND	ND	N/A	540.05	
	06/26/2006	582.60	44.61	ND	ND	N/A	537.99	
	06/27/2006	582.60	44.61	ND	ND	N/A	537.99	
	06/28/2006	582.60	40.89	ND	ND	N/A	541.71	
	06/29/2006	582.60	40.92	ND	ND	N/A	541.68	
	06/30/2006	582.60	41.80	ND	ND	N/A	540.80	
	07/03/2006	582.60	42.21	ND	ND	N/A	540.39	
	07/05/2006	582.60	41.56	ND	ND	N/A	541.04	
	07/06/2006	582.60	42.07	ND	ND	N/A	540.53	
	07/07/2006	582.60	41.88	ND	ND	N/A	540.72	
	07/10/2006	582.60	40.69	ND	ND	N/A	541.91	
	07/11/2006	582.60	37.06	ND	ND	N/A	545.54	
	07/12/2006	582.60	36.33	ND	ND	N/A	546.27	
	07/13/2006	582.60	35.99	ND	ND	N/A	546.61	
	07/14/2006	582.60	34.67	ND	ND	N/A	547.93	
	07/17/2006	582.60	34.50	ND	ND	N/A	548.10	
	07/18/2006	582.60	34.53	ND	ND	N/A	548.07	
	07/19/2006	582.60	34.79	ND	ND	N/A	547.81	
	07/20/2006	582.60	34.26	ND	ND	N/A	548.34	
	07/24/2006	582.60	33.60	ND	ND	N/A	549.00	
	07/25/2006	582.60	33.46	ND	ND	N/A	549.14	
	07/26/2006	582.60	38.77	ND	ND	N/A	543.83	
	07/27/2006	582.60	39.37	ND	ND	N/A	543.23	
	07/28/2006	582.60	40.63	ND	ND	N/A	541.97	
	07/31/2006	582.60	41.54	ND	ND	N/A	541.06	
	08/01/2006	582.60	42.03	ND	ND	N/A	540.57	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-57P	08/04/2006	582.60	41.60	ND	ND	N/A	541.00	
	08/07/2006	582.60	42.45	ND	ND	N/A	540.15	
	08/08/2006	582.60	42.13	ND	ND	N/A	540.47	
	08/09/2006	582.60	42.18	ND	ND	N/A	540.42	
	08/10/2006	582.60	42.24	ND	ND	N/A	540.36	
	08/11/2006	582.60	42.40	ND	ND	N/A	540.20	
	08/14/2006	582.60	42.48	ND	ND	N/A	540.12	
	08/28/2006	582.60	42.96	ND	ND	N/A	539.64	
	09/11/2006	582.60	43.20	ND	ND	N/A	539.40	
	09/25/2006	582.60	44.13	ND	ND	N/A	538.47	
	10/09/2006	582.60	43.13	ND	ND	N/A	539.47	
	10/23/2006	582.60	42.42	ND	ND	N/A	540.18	
	11/06/2006	582.60	42.44	ND	ND	N/A	540.16	
	11/20/2006	582.60	41.41	ND	ND	N/A	541.19	
	12/04/2006	582.60	40.18	ND	ND	N/A	542.42	
	12/18/2006	582.60	40.58	ND	ND	N/A	542.02	
	01/02/2007	582.60	40.96	ND	ND	N/A	541.64	
	01/15/2007	582.60	40.51	ND	ND	N/A	542.09	
	01/29/2007	582.60	40.01	ND	ND	N/A	542.59	
	02/12/2007	582.60	41.20	ND	ND	N/A	541.40	
	02/27/2007	582.60	41.22	ND	ND	N/A	541.38	
	03/12/2007	582.60	40.74	ND	ND	N/A	541.86	
	03/26/2007	582.60	42.08	ND	ND	N/A	540.52	
	04/09/2007	582.60	41.86	ND	ND	N/A	540.74	
	05/07/2007	582.60	40.69	ND	ND	N/A	541.91	
	06/04/2007	582.60	39.38	ND	ND	N/A	543.22	
	07/02/2007	582.60	38.91	ND	ND	N/A	543.69	
	08/13/2007	582.60	42.92	ND	ND	N/A	539.68	
	09/10/2007	582.60	44.17	ND	ND	N/A	538.43	
	10/08/2007	582.60	44.73	ND	ND	N/A	537.87	
	11/05/2007	582.60	44.14	ND	ND	N/A	538.46	
	12/03/2007	582.60	44.23	ND	ND	N/A	538.37	
	01/07/2008	582.60	42.05	ND	ND	N/A	540.55	
	02/05/2008	582.60	40.29	ND	ND	N/A	542.31	
	03/11/2008	582.60	38.91	ND	ND	N/A	543.69	
	04/22/2008	582.60	38.95	ND	ND	N/A	543.65	
	05/13/2008	582.60	41.17	ND	ND	N/A	541.43	
	06/09/2008	582.60	38.50	ND	ND	N/A	544.10	
	07/23/2008	582.60	38.49	ND	ND	N/A	544.11	
	08/13/2008	582.60	40.20	ND	ND	N/A	542.40	
	09/16/2008	582.60	39.05	ND	ND	N/A	543.55	
	10/15/2008	582.60	39.80	ND	ND	N/A	542.80	
	11/20/2008	582.60	39.67	ND	ND	N/A	542.93	
	12/08/2008	582.60	39.21	ND	ND	N/A	543.39	
	01/19/2009	582.60	37.71	ND	ND	N/A	544.89	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-57P	02/16/2009	582.60	38.79	ND	ND	N/A	543.81	
	03/05/2009	582.60	32.45	ND	ND	N/A	550.15	
	04/13/2009	582.60	37.26	ND	ND	N/A	545.34	
	05/05/2009	582.60	39.39	ND	ND	N/A	543.21	
	06/01/2009	582.60	39.82	ND	ND	N/A	542.78	
	07/01/2009	582.60	39.44	ND	ND	N/A	543.16	
	08/04/2009	582.60	40.06	ND	ND	N/A	542.54	
	09/01/2009	582.60	43.45	ND	ND	N/A	539.15	
	10/01/2009	582.60	43.61	ND	ND	N/A	538.99	
	11/03/2009	582.60	43.04	ND	ND	N/A	539.56	
	12/01/2009	582.60	41.69	ND	ND	N/A	540.91	
	01/04/2010	582.60	39.02	ND	ND	N/A	543.58	
	02/01/2010	582.60	39.19	ND	ND	N/A	543.41	
	03/02/2010	582.60	39.02	ND	ND	N/A	543.58	
	04/08/2010	582.60	37.25	ND	ND	N/A	545.35	
	05/04/2010	582.60	36.78	ND	ND	N/A	545.82	
	06/01/2010	582.19	43.22	ND	ND	N/A	538.97	
	07/06/2010	582.19	42.72	ND	ND	N/A	539.47	
	08/03/2010	582.19	43.45	ND	ND	N/A	538.74	
	09/02/2010	582.19	43.81	ND	ND	N/A	538.38	
	10/08/2010	582.19	44.09	ND	ND	N/A	538.10	
	11/02/2010	582.19	43.80	ND	ND	N/A	538.39	
	12/02/2010	582.19	42.42	ND	ND	N/A	539.77	
	01/04/2011	582.19	44.82	ND	ND	N/A	537.37	
	02/03/2011	582.19	44.33	ND	ND	N/A	537.86	
	03/03/2011	582.19	45.69	ND	ND	N/A	536.50	
	04/05/2011	582.19	41.94	ND	ND	N/A	540.25	
	04/26/2011	582.19	43.85	ND	ND	N/A	538.34	
	05/03/2011	582.19	43.40	ND	ND	N/A	538.79	
	05/19/2011	582.19	41.90	ND	ND	N/A	540.29	
	06/01/2011	582.19	41.07	ND	ND	N/A	541.12	
	07/06/2011	582.19	43.65	ND	ND	N/A	538.54	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-58 [R]	03/12/2006	581.51	61.98	ND	ND	N/A	519.53	
	03/13/2006	581.51	58.05	ND	ND	N/A	523.46	
	03/14/2006	581.51	60.03	ND	ND	N/A	521.48	
	03/15/2006	581.51	61.25	61.20	0.05	0.04	520.30	
	03/16/2006	581.51	68.93	68.88	0.05	0.04	512.62	
	03/17/2006	581.51	62.23	62.08	0.15	0.11	519.39	
	03/18/2006	581.51	62.30	62.03	0.27	0.21	519.42	
	03/19/2006	581.51	62.60	61.82	0.78	0.59	519.50	
	03/21/2006	581.51	56.20	56.13	0.07	0.05	525.36	
	03/23/2006	581.51	56.46	56.45	0.01	0.01	525.06	
	03/24/2006	581.51	56.38	ND	ND	N/A	525.13	
	03/25/2006	581.51	56.41	ND	ND	N/A	525.10	
	03/26/2006	581.51	56.47	56.45	0.02	0.02	525.06	
	03/27/2006	581.51	56.31	ND	ND	N/A	525.20	
	03/28/2006	581.51	32.35	ND	ND	N/A	549.16	
	03/29/2006	581.51	57.10	ND	ND	N/A	524.41	
	03/30/2006	581.51	57.30	ND	ND	N/A	524.21	
	03/31/2006	581.51	43.95	ND	ND	N/A	537.56	
	04/01/2006	581.51	34.97	ND	ND	N/A	546.54	
	04/02/2006	581.51	54.11	ND	ND	N/A	527.40	
	04/03/2006	581.51	52.15	52.14	0.01	0.01	529.37	
	04/04/2006	581.51	54.28	54.27	0.01	0.01	527.24	
	04/05/2006	581.51	54.42	54.28	0.14	0.11	527.20	
	04/06/2006	581.51	52.80	ND	ND	N/A	528.71	
	04/07/2006	581.51	52.84	ND	ND	N/A	528.67	
	04/08/2006	581.51	52.70	ND	ND	N/A	528.81	
	04/09/2006	581.51	52.68	ND	ND	N/A	528.83	
	04/10/2006	581.51	52.38	ND	ND	N/A	529.13	
	04/11/2006	581.51	52.44	ND	ND	N/A	529.07	
	04/12/2006	581.51	52.61	ND	ND	N/A	528.90	
	04/13/2006	581.51	52.58	ND	ND	N/A	528.93	
	04/14/2006	581.51	52.55	ND	ND	N/A	528.96	
	04/17/2006	581.51	52.50	ND	ND	N/A	529.01	
	04/18/2006	581.51	52.41	ND	ND	N/A	529.10	
	04/19/2006	581.51	61.95	ND	ND	N/A	519.56	
	04/21/2006	581.51	61.09	ND	ND	N/A	520.42	
	04/24/2006	581.51	60.40	ND	ND	N/A	521.11	
	04/26/2006	581.51	61.18	ND	ND	N/A	520.33	
	04/28/2006	581.51	61.13	ND	ND	N/A	520.38	
	05/01/2006	581.51	61.23	ND	ND	N/A	520.28	
	05/08/2006	581.51	61.22	ND	ND	N/A	520.29	
	05/15/2006	581.51	62.25	ND	ND	N/A	519.26	
	05/22/2006	581.51	61.45	ND	ND	N/A	520.06	
	05/30/2006	581.51	61.15	ND	ND	N/A	520.36	
	06/05/2006	581.51	61.55	ND	ND	N/A	519.96	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-58 [R]	06/12/2006	581.51	61.16	ND	ND	N/A	520.35	
	06/19/2006	581.51	61.23	ND	ND	N/A	520.28	
	07/05/2006	581.51	59.41	ND	ND	N/A	522.10	
	07/10/2006	581.51	59.37	ND	ND	N/A	522.14	
	07/17/2006	581.51	59.24	ND	ND	N/A	522.27	
	07/24/2006	581.51	59.91	ND	ND	N/A	521.60	
	07/31/2006	581.51	59.46	ND	ND	N/A	522.05	
	08/14/2006	581.51	59.35	ND	ND	N/A	522.16	
	08/28/2006	581.51	60.25	ND	ND	N/A	521.26	
	09/11/2006	581.51	59.30	ND	ND	N/A	522.21	
	09/25/2006	581.51	DRY	DRY	DRY	DRY	DRY	
	10/09/2006	581.51	60.25	ND	ND	N/A	521.26	
	10/23/2006	581.51	60.38	ND	ND	N/A	521.13	
	11/06/2006	581.51	59.25	ND	ND	N/A	522.26	
	11/20/2006	581.51	59.23	ND	ND	N/A	522.28	
	12/04/2006	581.51	59.23	ND	ND	N/A	522.28	
	12/18/2006	581.51	59.24	ND	ND	N/A	522.27	
	01/02/2007	581.51	59.24	ND	ND	N/A	522.27	
	01/15/2007	581.51	59.25	ND	ND	N/A	522.26	
	01/29/2007	581.51	59.07	ND	ND	N/A	522.44	
	02/12/2007	581.51	59.26	ND	ND	N/A	522.25	
	02/27/2007	581.51	60.55	ND	ND	N/A	520.96	
	03/12/2007	581.51	60.32	ND	ND	N/A	521.19	
	03/26/2007	581.51	60.47	ND	ND	N/A	521.04	
	04/09/2007	581.51	59.35	ND	ND	N/A	522.16	
	05/07/2007	581.51	63.39	ND	ND	N/A	518.12	
	06/04/2007	581.51	60.40	ND	ND	N/A	521.11	
	07/02/2007	581.51	59.20	ND	ND	N/A	522.31	
	08/13/2007	581.51	59.45	ND	ND	N/A	522.06	
	09/10/2007	581.51	59.39	ND	ND	N/A	522.12	
	10/08/2007	581.51	59.60	ND	ND	N/A	521.91	
	11/05/2007	581.51	59.30	ND	ND	N/A	522.21	
	12/03/2007	581.51	58.51	ND	ND	N/A	523.00	
	01/07/2008	581.51	59.30	ND	ND	N/A	522.21	
	02/05/2008	581.51	41.74	ND	ND	N/A	539.77	
	03/11/2008	581.51	59.42	ND	ND	N/A	522.09	
	04/22/2008	581.51	60.59	ND	ND	N/A	520.92	
	05/13/2008	581.51	59.45	ND	ND	N/A	522.06	
	06/10/2008	581.51	59.42	ND	ND	N/A	522.09	
	07/23/2008	581.51	57.74	ND	ND	N/A	523.77	
	08/13/2008	581.51	59.40	ND	ND	N/A	522.11	
	09/16/2008	581.51	59.31	ND	ND	N/A	522.20	
	10/15/2008	581.51	59.34	ND	ND	N/A	522.17	
	11/20/2008	581.51	59.52	ND	ND	N/A	521.99	
	12/09/2008	581.51	59.31	ND	ND	N/A	522.20	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-58 [R]	01/22/2009	581.51	59.47	ND	ND	N/A	522.04	
	02/18/2009	581.51	59.91	ND	ND	N/A	521.60	
	03/05/2009	581.51	59.44	ND	ND	N/A	522.07	
	04/16/2009	581.51	59.43	ND	ND	N/A	522.08	
	05/06/2009	581.51	59.38	ND	ND	N/A	522.13	
	06/03/2009	581.51	60.42	ND	ND	N/A	521.09	
	07/02/2009	581.51	59.30	ND	ND	N/A	522.21	
	08/06/2009	581.51	60.23	ND	ND	N/A	521.28	
	09/02/2009	581.51	59.40	ND	ND	N/A	522.11	
	10/06/2009	581.51	59.39	ND	ND	N/A	522.12	
	11/05/2009	581.51	59.47	ND	ND	N/A	522.04	
	12/03/2009	581.51	60.40	ND	ND	N/A	521.11	
	01/06/2010	581.51	59.41	ND	ND	N/A	522.10	
	02/03/2010	581.51	59.37	ND	ND	N/A	522.14	
	03/02/2010	581.51	59.41	ND	ND	N/A	522.10	
	04/07/2010	581.51	59.40	ND	ND	N/A	522.11	
	05/04/2010	581.51	59.62	ND	ND	N/A	521.89	
	06/02/2010	581.51	59.41	ND	ND	N/A	522.10	
	07/08/2010	581.51	59.40	ND	ND	N/A	522.11	
	08/05/2010	581.51	59.34	ND	ND	N/A	522.17	
	09/03/2010	581.51	59.77	ND	ND	N/A	521.74	
	10/05/2010	581.51	59.31	ND	ND	N/A	522.20	
	11/02/2010	581.51	59.16	ND	ND	N/A	522.35	
	12/02/2010	581.51	59.27	ND	ND	N/A	522.24	
	01/04/2011	581.51	59.31	ND	ND	N/A	522.20	
	02/01/2011	581.51	59.40	ND	ND	N/A	522.11	
	03/08/2011	581.51	59.49	ND	ND	N/A	522.02	
	04/06/2011	581.51	59.42	ND	ND	N/A	522.09	
	05/03/2011	581.51	58.97	ND	ND	N/A	522.54	
	06/03/2011	581.51	59.45	ND	ND	N/A	522.06	
	07/05/2011	581.51	59.38	ND	ND	N/A	522.13	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-58R [R]	03/16/2009	582.12	38.38	ND	ND	N/A	543.74	
	03/23/2009	582.12	38.44	ND	ND	N/A	543.68	
	03/30/2009	582.12	37.84	ND	ND	N/A	544.28	
	04/16/2009	582.12	36.13	ND	ND	N/A	545.99	
	05/06/2009	582.12	72.06	ND	ND	N/A	510.06	
	06/03/2009	582.12	72.14	ND	ND	N/A	509.98	
	07/02/2009	582.12	72.43	ND	ND	N/A	509.69	
	08/06/2009	582.12	72.26	ND	ND	N/A	509.86	
	09/02/2009	582.12	72.28	ND	ND	N/A	509.84	
	10/06/2009	582.12	72.31	ND	ND	N/A	509.81	
	11/05/2009	582.12	70.98	ND	ND	N/A	511.14	
	12/03/2009	582.12	72.26	ND	ND	N/A	509.86	
	01/06/2010	582.12	72.50	ND	ND	N/A	509.62	
	02/03/2010	582.12	72.48	ND	ND	N/A	509.64	
	03/02/2010	582.12	72.38	ND	ND	N/A	509.74	
	04/07/2010	582.12	72.54	ND	ND	N/A	509.58	
	05/04/2010	582.12	72.41	ND	ND	N/A	509.71	
	06/02/2010	582.12	72.54	ND	ND	N/A	509.58	
	07/08/2010	582.12	72.47	ND	ND	N/A	509.65	
	08/05/2010	582.12	72.25	ND	ND	N/A	509.87	
	09/03/2010	582.12	72.31	ND	ND	N/A	509.81	
	10/05/2010	582.12	72.46	ND	ND	N/A	509.66	
	11/02/2010	582.12	72.64	ND	ND	N/A	509.48	
	12/02/2010	582.12	68.50	ND	ND	N/A	513.62	
	01/04/2011	582.12	72.41	ND	ND	N/A	509.71	
	02/01/2011	582.12	72.41	ND	ND	N/A	509.71	
	03/08/2011	582.12	69.85	ND	ND	N/A	512.27	
	04/06/2011	582.12	71.25	ND	ND	N/A	510.87	
	05/03/2011	582.12	69.96	ND	ND	N/A	512.16	
	06/03/2011	582.12	70.06	ND	ND	N/A	512.06	
	07/05/2011	582.12	71.33	ND	ND	N/A	510.79	

Table 11
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14258 Jarrettsville Pike
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-58P	03/24/2006	582.64	34.22	ND	ND	N/A	548.42	
	03/27/2006	582.64	34.29	ND	ND	N/A	548.35	
	03/28/2006	582.64	33.92	ND	ND	N/A	548.72	
	03/29/2006	582.64	34.52	ND	ND	N/A	548.12	
	03/30/2006	582.64	34.61	ND	ND	N/A	548.03	
	03/31/2006	582.64	34.48	ND	ND	N/A	548.16	
	04/01/2006	582.64	34.34	ND	ND	N/A	548.30	
	04/02/2006	582.64	34.87	ND	ND	N/A	547.77	
	04/03/2006	582.64	34.82	ND	ND	N/A	547.82	
	04/04/2006	582.64	35.14	ND	ND	N/A	547.50	
	04/05/2006	582.64	35.25	ND	ND	N/A	547.39	
	04/06/2006	582.64	35.32	ND	ND	N/A	547.32	
	04/07/2006	582.64	34.92	ND	ND	N/A	547.72	
	04/08/2006	582.64	35.04	ND	ND	N/A	547.60	
	04/09/2006	582.64	35.11	ND	ND	N/A	547.53	
	04/10/2006	582.64	35.27	ND	ND	N/A	547.37	
	04/11/2006	582.64	35.45	ND	ND	N/A	547.19	
	04/12/2006	582.64	35.59	ND	ND	N/A	547.05	
	04/13/2006	582.64	35.76	ND	ND	N/A	546.88	
	04/14/2006	582.64	35.93	ND	ND	N/A	546.71	
	04/17/2006	582.64	36.21	ND	ND	N/A	546.43	
	04/18/2006	582.64	36.00	ND	ND	N/A	546.64	
	04/19/2006	582.64	35.97	ND	ND	N/A	546.67	
	04/21/2006	582.64	36.01	ND	ND	N/A	546.63	
	04/24/2006	582.64	36.36	ND	ND	N/A	546.28	
	04/26/2006	582.64	36.67	ND	ND	N/A	545.97	
	04/28/2006	582.64	36.79	ND	ND	N/A	545.85	
	05/01/2006	582.64	36.93	ND	ND	N/A	545.71	
	05/08/2006	582.64	37.36	ND	ND	N/A	545.28	
	05/15/2006	582.64	37.37	ND	ND	N/A	545.27	
	05/22/2006	582.64	37.58	ND	ND	N/A	545.06	
	05/30/2006	582.64	37.91	ND	ND	N/A	544.73	
	06/05/2006	582.64	37.98	ND	ND	N/A	544.66	
	06/12/2006	582.64	38.14	ND	ND	N/A	544.50	
	06/19/2006	582.64	37.92	ND	ND	N/A	544.72	
	06/26/2006	582.64	37.66	ND	ND	N/A	544.98	
	07/03/2006	582.64	34.14	ND	ND	N/A	548.50	
	07/05/2006	582.64	34.04	ND	ND	N/A	548.60	
	07/10/2006	582.64	34.87	ND	ND	N/A	547.77	
	07/17/2006	582.64	34.43	ND	ND	N/A	548.21	
	07/24/2006	582.64	34.61	ND	ND	N/A	548.03	
	07/31/2006	582.64	35.34	ND	ND	N/A	547.30	
	08/14/2006	582.64	35.89	ND	ND	N/A	546.75	
	08/28/2006	582.64	66.70	ND	ND	N/A	515.94	
	09/11/2006	582.64	37.10	ND	ND	N/A	545.54	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-58P	09/25/2006	582.64	37.44	ND	ND	N/A	545.20	
	10/09/2006	582.64	38.91	ND	ND	N/A	543.73	
	10/23/2006	582.64	37.86	ND	ND	N/A	544.78	
	11/06/2006	582.64	38.01	ND	ND	N/A	544.63	
	11/20/2006	582.64	37.80	ND	ND	N/A	544.84	
	12/04/2006	582.64	37.03	ND	ND	N/A	545.61	
	12/18/2006	582.64	36.81	ND	ND	N/A	545.83	
	01/02/2007	582.64	36.88	ND	ND	N/A	545.76	
	01/15/2007	582.64	36.75	ND	ND	N/A	545.89	
	01/29/2007	582.64	36.60	ND	ND	N/A	546.04	
	02/12/2007	582.64	37.11	ND	ND	N/A	545.53	
	03/12/2007	582.64	37.24	ND	ND	N/A	545.40	
	03/26/2007	582.64	37.81	ND	ND	N/A	544.83	
	04/09/2007	582.64	37.65	ND	ND	N/A	544.99	
	05/07/2007	582.64	36.88	ND	ND	N/A	545.76	
	06/04/2007	582.64	36.25	ND	ND	N/A	546.39	
	07/02/2007	582.64	36.88	ND	ND	N/A	545.76	
	08/13/2007	582.64	38.26	ND	ND	N/A	544.38	
	09/10/2007	582.64	38.98	ND	ND	N/A	543.66	
	10/08/2007	582.64	38.05	ND	ND	N/A	544.59	
	11/05/2007	582.64	38.31	ND	ND	N/A	544.33	
	12/03/2007	582.64	39.45	ND	ND	N/A	543.19	
	01/07/2008	582.64	39.01	ND	ND	N/A	543.63	
	02/05/2008	582.64	38.86	ND	ND	N/A	543.78	
	03/11/2008	582.64	38.40	ND	ND	N/A	544.24	
	04/22/2008	582.64	37.56	ND	ND	N/A	545.08	
	05/13/2008	582.64	37.28	ND	ND	N/A	545.36	
	06/09/2008	582.64	36.29	ND	ND	N/A	546.35	
	07/23/2008	582.64	36.24	ND	ND	N/A	546.40	
	08/13/2008	582.64	36.58	ND	ND	N/A	546.06	
	09/16/2008	582.64	36.26	ND	ND	N/A	546.38	
	10/15/2008	582.64	37.04	ND	ND	N/A	545.60	
	11/20/2008	582.64	37.45	ND	ND	N/A	545.19	
	12/08/2008	582.64	37.73	ND	ND	N/A	544.91	
	01/19/2009	582.64	37.52	ND	ND	N/A	545.12	
	02/16/2009	582.64	37.46	ND	ND	N/A	545.18	
	03/05/2009	582.64	37.56	ND	ND	N/A	545.08	
	04/13/2009	582.64	37.58	ND	ND	N/A	545.06	
	05/05/2009	582.64	38.00	ND	ND	N/A	544.64	
	06/01/2009	582.64	42.50	ND	ND	N/A	540.14	
	07/01/2009	582.64	46.26	ND	ND	N/A	536.38	
	08/04/2009	582.64	46.19	ND	ND	N/A	536.45	
	09/01/2009	582.64	48.94	ND	ND	N/A	533.70	
	10/01/2009	582.64	50.40	ND	ND	N/A	532.24	
	11/03/2009	582.64	50.31	ND	ND	N/A	532.33	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-58P	12/01/2009	582.64	49.50	ND	ND	N/A	533.14	
	01/04/2010	582.64	48.21	ND	ND	N/A	534.43	
	02/01/2010	582.64	48.43	ND	ND	N/A	534.21	
	03/02/2010	582.64	49.00	ND	ND	N/A	533.64	
	04/05/2010	582.64	49.90	ND	ND	N/A	532.74	
	05/04/2010	582.64	49.35	ND	ND	N/A	533.29	
	06/01/2010	582.64	51.21	ND	ND	N/A	531.43	
	07/06/2010	582.64	51.15	ND	ND	N/A	531.49	
	08/03/2010	582.64	52.08	ND	ND	N/A	530.56	
	09/02/2010	582.64	52.39	ND	ND	N/A	530.25	
	10/08/2010	582.64	47.35	ND	ND	N/A	535.29	
	11/02/2010	582.64	53.03	ND	ND	N/A	529.61	
	12/02/2010	582.64	49.49	ND	ND	N/A	533.15	
	01/04/2011	582.64	52.07	ND	ND	N/A	530.57	
	02/03/2011	582.64	51.37	ND	ND	N/A	531.27	
	03/03/2011	582.64	54.03	ND	ND	N/A	528.61	
	04/05/2011	582.64	47.90	ND	ND	N/A	534.74	
	04/26/2011	582.64	50.32	ND	ND	N/A	532.32	
	05/03/2011	582.64	50.90	ND	ND	N/A	531.74	
	05/19/2011	582.64	47.88	ND	ND	N/A	534.76	
	06/01/2011	582.64	49.50	ND	ND	N/A	533.14	
	07/06/2011	582.64	51.25	ND	ND	N/A	531.39	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-59A	03/11/2006	571.01	32.14	ND	ND	N/A	538.87	
	03/12/2006	571.01	32.25	32.18	0.07	0.05	538.81	
	03/13/2006	571.01	31.48	31.44	0.04	0.03	539.56	
	03/14/2006	571.01	33.13	32.90	0.23	0.17	538.05	
	03/15/2006	571.01	34.52	32.66	1.86	1.41	537.90	
	03/16/2006	571.01	35.16	32.36	2.80	2.13	537.98	
	03/17/2006	571.01	33.86	ND	ND	N/A	537.15	
	03/18/2006	571.01	34.30	ND	ND	N/A	536.71	
	03/19/2006	571.01	34.25	ND	ND	N/A	536.76	
	03/23/2006	571.01	34.86	ND	ND	N/A	536.15	
	03/24/2006	571.01	34.68	ND	ND	N/A	536.33	
	03/25/2006	571.01	35.04	ND	ND	N/A	535.97	
	03/26/2006	571.01	35.12	ND	ND	N/A	535.89	
	03/27/2006	571.01	35.25	ND	ND	N/A	535.76	
	03/28/2006	571.01	35.50	ND	ND	N/A	535.51	
	03/29/2006	571.01	35.42	ND	ND	N/A	535.59	
	03/30/2006	571.01	35.55	35.25	0.30	0.23	535.69	
	03/31/2006	571.01	35.93	35.45	0.48	0.36	535.44	
	04/01/2006	571.01	35.88	ND	ND	N/A	535.13	
	04/02/2006	571.01	36.14	ND	ND	N/A	534.87	
	04/03/2006	571.01	37.30	36.99	0.31	0.24	533.95	
	04/04/2006	571.01	37.36	37.09	0.27	0.21	533.86	
	04/05/2006	571.01	37.91	ND	ND	N/A	533.10	
	04/06/2006	571.01	39.29	39.15	0.14	0.11	531.83	
	04/07/2006	571.01	39.62	39.61	0.01	0.01	531.40	
	04/08/2006	571.01	40.11	39.87	0.24	0.18	531.08	
	04/09/2006	571.01	38.82	38.81	0.01	0.01	532.20	
	04/10/2006	571.01	39.40	39.00	0.40	0.30	531.91	
	04/11/2006	571.01	39.47	39.20	0.27	0.21	531.75	
	04/12/2006	571.01	40.00	39.47	0.53	0.40	531.41	
	04/13/2006	571.01	40.92	40.91	0.01	0.01	530.10	
	04/14/2006	571.01	41.13	40.78	0.35	0.27	530.15	
	04/17/2006	571.01	46.00	ND	ND	N/A	525.01	
	04/18/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	04/19/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	04/20/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	04/21/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	04/24/2006	571.01	40.69	ND	ND	N/A	530.32	
	04/25/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	04/26/2006	571.01	40.44	ND	ND	N/A	530.57	
	04/27/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	04/28/2006	571.01	40.54	ND	ND	N/A	530.47	
	05/01/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	05/08/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	05/15/2006	571.01	DRY	DRY	DRY	DRY	DRY	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-59A	05/22/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	05/30/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	06/05/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	06/12/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	06/19/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	06/26/2006	571.01	39.20	ND	ND	N/A	531.81	
	07/05/2006	571.01	34.74	ND	ND	N/A	536.27	
	07/10/2006	571.01	34.97	ND	ND	N/A	536.04	
	07/17/2006	571.01	35.88	ND	ND	N/A	535.13	
	07/24/2006	571.01	35.28	ND	ND	N/A	535.73	
	07/31/2006	571.01	36.77	ND	ND	N/A	534.24	
	08/14/2006	571.01	35.78	ND	ND	N/A	535.23	
	08/28/2006	571.01	37.21	ND	ND	N/A	533.80	
	09/11/2006	571.01	37.07	ND	ND	N/A	533.94	
	09/25/2006	571.01	36.66	ND	ND	N/A	534.35	
	10/09/2006	571.01	43.30	ND	ND	N/A	527.71	
	10/23/2006	571.01	DRY	DRY	DRY	DRY	DRY	
	11/06/2006	571.01	37.09	ND	ND	N/A	533.92	
	11/20/2006	571.01	38.80	ND	ND	N/A	532.21	
	12/04/2006	571.01	35.44	ND	ND	N/A	535.57	
	12/18/2006	571.01	35.29	ND	ND	N/A	535.72	
	01/02/2007	571.01	35.07	ND	ND	N/A	535.94	
	01/15/2007	571.01	34.06	ND	ND	N/A	536.95	
	01/29/2007	571.01	34.34	ND	ND	N/A	536.67	
	02/12/2007	571.01	35.15	ND	ND	N/A	535.86	
	02/27/2007	571.01	35.79	ND	ND	N/A	535.22	
	03/12/2007	571.01	34.92	ND	ND	N/A	536.09	
	03/26/2007	571.01	34.52	ND	ND	N/A	536.49	
	04/09/2007	571.01	34.57	ND	ND	N/A	536.44	
	05/07/2007	571.01	34.02	ND	ND	N/A	536.99	
	06/04/2007	571.01	34.88	ND	ND	N/A	536.13	
	07/02/2007	571.01	36.15	ND	ND	N/A	534.86	
	08/13/2007	571.01	37.05	ND	ND	N/A	533.96	
	09/10/2007	571.01	37.97	ND	ND	N/A	533.04	
	10/08/2007	571.01	36.10	ND	ND	N/A	534.91	
	11/05/2007	571.01	38.16	ND	ND	N/A	532.85	
	12/03/2007	571.01	DRY	DRY	DRY	DRY	DRY	
	01/07/2008	571.01	37.35	ND	ND	N/A	533.66	
	02/05/2008	571.01	36.72	ND	ND	N/A	534.29	
	03/11/2008	571.01	36.19	ND	ND	N/A	534.82	
	04/22/2008	571.01	36.24	ND	ND	N/A	534.77	
	05/13/2008	571.01	36.22	ND	ND	N/A	534.79	
	06/09/2008	571.01	35.00	ND	ND	N/A	536.01	
	07/23/2008	571.01	35.78	ND	ND	N/A	535.23	
	08/13/2008	571.01	36.30	ND	ND	N/A	534.71	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-59A	09/16/2008	571.01	34.75	ND	ND	N/A	536.26	
	10/15/2008	571.01	37.61	ND	ND	N/A	533.40	
	11/20/2008	571.01	36.50	ND	ND	N/A	534.51	
	12/09/2008	571.01	36.68	ND	ND	N/A	534.33	
	01/22/2009	571.01	35.15	ND	ND	N/A	535.86	
	02/18/2009	571.01	36.26	ND	ND	N/A	534.75	
	03/05/2009	571.01	36.51	ND	ND	N/A	534.50	
	04/16/2009	571.01	36.32	ND	ND	N/A	534.69	
	05/07/2009	571.01	36.38	ND	ND	N/A	534.63	
	06/03/2009	571.01	34.45	ND	ND	N/A	536.56	
	07/02/2009	571.01	34.60	ND	ND	N/A	536.41	
	08/06/2009	571.01	35.50	ND	ND	N/A	535.51	
	09/02/2009	571.01	35.66	ND	ND	N/A	535.35	
	10/06/2009	571.01	35.70	ND	ND	N/A	535.31	
	11/05/2009	571.01	35.69	ND	ND	N/A	535.32	
	12/04/2009	571.01	33.98	ND	ND	N/A	537.03	
	01/06/2010	571.01	33.90	ND	ND	N/A	537.11	
	02/03/2010	571.01	33.14	ND	ND	N/A	537.87	
	03/03/2010	571.01	33.80	ND	ND	N/A	537.21	
	04/06/2010	571.01	32.61	ND	ND	N/A	538.40	
	05/06/2010	571.01	33.52	ND	ND	N/A	537.49	
	06/03/2010	571.01	34.46	ND	ND	N/A	536.55	
	07/08/2010	571.01	35.96	ND	ND	N/A	535.05	
	08/04/2010	571.01	35.93	ND	ND	N/A	535.08	
	09/02/2010	571.01	36.15	ND	ND	N/A	534.86	
	10/08/2010	571.01	35.96	ND	ND	N/A	535.05	
	11/03/2010	571.01	DRY	DRY	DRY	DRY	DRY	Dry
	12/02/2010	571.01	36.58	ND	ND	N/A	534.43	
	01/05/2011	571.01	36.27	ND	ND	N/A	534.74	
	02/05/2011	571.01	36.69	ND	ND	N/A	534.32	
	03/04/2011	571.01	35.19	ND	ND	N/A	535.82	
	04/07/2011	571.01	33.49	ND	ND	N/A	537.52	
	04/26/2011	571.01	33.26	ND	ND	N/A	537.75	
	05/04/2011	571.01	33.41	ND	ND	N/A	537.60	
	05/19/2011	571.01	33.41	ND	ND	N/A	537.60	
	06/01/2011	571.01	32.78	ND	ND	N/A	538.23	
	07/06/2011	571.01	34.24	ND	ND	N/A	536.77	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-59B [R]	03/11/2006	571.19	32.31	ND	ND	N/A	538.88	
	03/12/2006	571.19	32.40	ND	ND	N/A	538.79	
	03/13/2006	571.19	33.23	ND	ND	N/A	537.96	
	03/14/2006	571.19	32.91	ND	ND	N/A	538.28	
	03/15/2006	571.19	33.22	ND	ND	N/A	537.97	
	03/16/2006	571.19	33.65	ND	ND	N/A	537.54	
	03/17/2006	571.19	33.79	ND	ND	N/A	537.40	
	03/18/2006	571.19	33.66	ND	ND	N/A	537.53	
	03/19/2006	571.19	34.24	ND	ND	N/A	536.95	
	03/20/2006	571.19	34.31	ND	ND	N/A	536.88	
	03/21/2006	571.19	34.34	ND	ND	N/A	536.85	
	03/22/2006	571.19	34.48	ND	ND	N/A	536.71	
	03/23/2006	571.19	34.51	ND	ND	N/A	536.68	
	03/24/2006	571.19	34.62	ND	ND	N/A	536.57	
	03/25/2006	571.19	35.06	ND	ND	N/A	536.13	
	03/26/2006	571.19	35.18	ND	ND	N/A	536.01	
	03/27/2006	571.19	35.25	ND	ND	N/A	535.94	
	03/28/2006	571.19	35.28	ND	ND	N/A	535.91	
	03/29/2006	571.19	35.42	ND	ND	N/A	535.77	
	03/30/2006	571.19	35.46	ND	ND	N/A	535.73	
	03/31/2006	571.19	35.68	ND	ND	N/A	535.51	
	04/01/2006	571.19	36.00	ND	ND	N/A	535.19	
	04/02/2006	571.19	36.34	ND	ND	N/A	534.85	
	04/03/2006	571.19	38.80	ND	ND	N/A	532.39	
	04/04/2006	571.19	41.20	ND	ND	N/A	529.99	
	04/05/2006	571.19	36.77	ND	ND	N/A	534.42	
	04/06/2006	571.19	39.65	ND	ND	N/A	531.54	
	04/07/2006	571.19	40.15	ND	ND	N/A	531.04	
	04/08/2006	571.19	41.25	ND	ND	N/A	529.94	
	04/09/2006	571.19	46.00	ND	ND	N/A	525.19	
	04/10/2006	571.19	45.78	ND	ND	N/A	525.41	
	04/11/2006	571.19	42.81	ND	ND	N/A	528.38	
	04/12/2006	571.19	47.51	ND	ND	N/A	523.68	
	04/13/2006	571.19	45.25	ND	ND	N/A	525.94	
	04/14/2006	571.19	46.14	ND	ND	N/A	525.05	
	04/17/2006	571.19	45.91	ND	ND	N/A	525.28	
	04/18/2006	571.19	46.38	ND	ND	N/A	524.81	
	04/19/2006	571.19	47.90	ND	ND	N/A	523.29	
	04/21/2006	571.19	45.81	ND	ND	N/A	525.38	
	04/24/2006	571.19	44.91	ND	ND	N/A	526.28	
	04/26/2006	571.19	45.62	ND	ND	N/A	525.57	
	04/28/2006	571.19	49.48	ND	ND	N/A	521.71	
	05/01/2006	571.19	46.78	ND	ND	N/A	524.41	
	05/08/2006	571.19	47.50	ND	ND	N/A	523.69	
	05/15/2006	571.19	48.22	ND	ND	N/A	522.97	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-59B [R]	05/22/2006	571.19	45.70	ND	ND	N/A	525.49	
	05/30/2006	571.19	48.35	ND	ND	N/A	522.84	
	06/05/2006	571.19	49.05	ND	ND	N/A	522.14	
	06/12/2006	571.19	49.65	ND	ND	N/A	521.54	
	06/19/2006	571.19	49.91	ND	ND	N/A	521.28	
	06/26/2006	571.19	48.90	ND	ND	N/A	522.29	
	07/05/2006	571.19	35.24	ND	ND	N/A	535.95	
	07/10/2006	571.19	37.00	ND	ND	N/A	534.19	
	07/17/2006	571.19	37.82	ND	ND	N/A	533.37	
	07/24/2006	571.19	34.15	ND	ND	N/A	537.04	
	07/31/2006	571.19	37.49	ND	ND	N/A	533.70	
	08/14/2006	571.19	37.60	ND	ND	N/A	533.59	
	08/28/2006	571.19	38.16	ND	ND	N/A	533.03	
	09/11/2006	571.19	38.25	ND	ND	N/A	532.94	
	09/25/2006	571.19	37.31	ND	ND	N/A	533.88	
	10/09/2006	571.19	DRY	DRY	DRY	DRY	DRY	
	10/23/2006	571.19	43.71	ND	ND	N/A	527.48	
	11/06/2006	571.19	37.80	ND	ND	N/A	533.39	
	11/20/2006	571.19	44.35	ND	ND	N/A	526.84	
	12/04/2006	571.19	37.38	ND	ND	N/A	533.81	
	04/09/2007	571.19	DRY	DRY	DRY	DRY	DRY	
	05/07/2007	571.19	DRY	DRY	DRY	DRY	DRY	
	06/04/2007	571.19	DRY	DRY	DRY	DRY	DRY	
	07/23/2008	571.19	NM	NM	NM	NM	NM	Pump Stuck
	08/13/2008	571.19	NM	NM	NM	NM	NM	Pump Stuck

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-59D [R]	03/16/2006	571.04	32.49	31.90	0.59	0.45	539.00	
	03/17/2006	571.04	43.80	ND	ND	N/A	527.24	
	03/18/2006	571.04	43.11	ND	ND	N/A	527.93	
	03/19/2006	571.04	43.81	ND	ND	N/A	527.23	
	03/21/2006	571.04	33.80	ND	ND	N/A	537.24	
	03/23/2006	571.04	43.89	ND	ND	N/A	527.15	
	03/24/2006	571.04	35.65	ND	ND	N/A	535.39	
	03/25/2006	571.04	43.78	ND	ND	N/A	527.26	
	03/26/2006	571.04	40.65	ND	ND	N/A	530.39	
	03/27/2006	571.04	42.10	ND	ND	N/A	528.94	
	03/28/2006	571.04	45.27	ND	ND	N/A	525.77	
	03/29/2006	571.04	45.32	ND	ND	N/A	525.72	
	03/30/2006	571.04	45.31	ND	ND	N/A	525.73	
	03/31/2006	571.04	45.39	ND	ND	N/A	525.65	
	04/01/2006	571.04	45.31	ND	ND	N/A	525.73	
	04/02/2006	571.04	45.23	ND	ND	N/A	525.81	
	04/03/2006	571.04	45.39	ND	ND	N/A	525.65	
	04/04/2006	571.04	45.41	ND	ND	N/A	525.63	
	04/05/2006	571.04	45.36	ND	ND	N/A	525.68	
	04/06/2006	571.04	45.26	ND	ND	N/A	525.78	
	04/07/2006	571.04	45.31	ND	ND	N/A	525.73	
	04/08/2006	571.04	45.27	ND	ND	N/A	525.77	
	04/09/2006	571.04	45.25	ND	ND	N/A	525.79	
	04/10/2006	571.04	46.50	ND	ND	N/A	524.54	
	04/11/2006	571.04	41.90	ND	ND	N/A	529.14	
	04/12/2006	571.04	43.45	ND	ND	N/A	527.59	
	04/13/2006	571.04	45.30	ND	ND	N/A	525.74	
	04/14/2006	571.04	44.92	ND	ND	N/A	526.12	
	04/17/2006	571.04	45.05	ND	ND	N/A	525.99	
	04/18/2006	571.04	45.14	ND	ND	N/A	525.90	
	04/19/2006	571.04	43.00	ND	ND	N/A	528.04	
	04/21/2006	571.04	44.66	ND	ND	N/A	526.38	
	04/24/2006	571.04	45.12	ND	ND	N/A	525.92	
	04/26/2006	571.04	45.00	ND	ND	N/A	526.04	
	04/28/2006	571.04	45.20	ND	ND	N/A	525.84	
	05/01/2006	571.04	45.29	ND	ND	N/A	525.75	
	05/08/2006	571.04	45.05	ND	ND	N/A	525.99	
	05/15/2006	571.04	45.21	ND	ND	N/A	525.83	
	05/22/2006	571.04	45.81	ND	ND	N/A	525.23	
	05/30/2006	571.04	45.20	ND	ND	N/A	525.84	
	06/05/2006	571.04	45.77	ND	ND	N/A	525.27	
	06/12/2006	571.04	45.76	ND	ND	N/A	525.28	
	06/19/2006	571.04	45.31	ND	ND	N/A	525.73	
	07/03/2006	571.04	33.15	ND	ND	N/A	537.89	
	07/05/2006	571.04	32.19	ND	ND	N/A	538.85	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-59D [R]	07/10/2006	571.04	42.15	ND	ND	N/A	528.89	
	07/17/2006	571.04	42.34	ND	ND	N/A	528.70	
	07/24/2006	571.04	41.60	ND	ND	N/A	529.44	
	07/31/2006	571.04	41.72	ND	ND	N/A	529.32	
	08/14/2006	571.04	41.51	ND	ND	N/A	529.53	
	08/28/2006	571.04	42.08	ND	ND	N/A	528.96	
	09/11/2006	571.04	41.92	ND	ND	N/A	529.12	
	09/25/2006	571.04	40.40	ND	ND	N/A	530.64	
	10/09/2006	571.04	41.86	ND	ND	N/A	529.18	
	10/23/2006	571.04	41.34	ND	ND	N/A	529.70	
	11/06/2006	571.04	42.39	ND	ND	N/A	528.65	
	11/20/2006	571.04	41.29	ND	ND	N/A	529.75	
	12/04/2006	571.04	DRY	DRY	DRY	DRY	DRY	
	12/18/2006	571.04	42.19	ND	ND	N/A	528.85	
	01/02/2007	571.04	49.71	ND	ND	N/A	521.33	
	01/15/2007	571.04	42.35	ND	ND	N/A	528.69	
	01/29/2007	571.04	49.29	ND	ND	N/A	521.75	
	02/12/2007	571.04	34.40	ND	ND	N/A	536.64	
	02/27/2007	571.04	43.05	ND	ND	N/A	527.99	
	03/12/2007	571.04	42.88	ND	ND	N/A	528.16	
	03/26/2007	571.04	42.96	ND	ND	N/A	528.08	
	04/09/2007	571.04	DRY	DRY	DRY	DRY	DRY	
	05/07/2007	571.04	42.33	ND	ND	N/A	528.71	
	06/04/2007	571.04	42.37	ND	ND	N/A	528.67	
	07/02/2007	571.04	43.12	ND	ND	N/A	527.92	
	08/13/2007	571.04	42.41	ND	ND	N/A	528.63	
	09/10/2007	571.04	42.76	ND	ND	N/A	528.28	
	10/08/2007	571.04	29.95	ND	ND	N/A	541.09	
	11/05/2007	571.04	42.51	ND	ND	N/A	528.53	
	12/03/2007	571.04	39.89	ND	ND	N/A	531.15	
	01/07/2008	571.04	42.39	ND	ND	N/A	528.65	
	02/05/2008	571.04	42.91	ND	ND	N/A	528.13	
	03/11/2008	571.04	42.45	ND	ND	N/A	528.59	
	04/22/2008	571.04	43.11	ND	ND	N/A	527.93	
	05/13/2008	571.04	42.71	ND	ND	N/A	528.33	
	06/10/2008	571.04	42.40	ND	ND	N/A	528.64	
	07/23/2008	571.04	43.25	ND	ND	N/A	527.79	
	08/13/2008	571.04	42.38	ND	ND	N/A	528.66	
	09/16/2008	571.04	42.41	ND	ND	N/A	528.63	
	10/15/2008	571.04	42.05	ND	ND	N/A	528.99	
	11/20/2008	571.04	42.44	ND	ND	N/A	528.60	
	12/09/2008	571.04	42.40	ND	ND	N/A	528.64	
	01/22/2009	571.04	41.50	ND	ND	N/A	529.54	
	02/18/2009	571.04	41.41	ND	ND	N/A	529.63	
	03/05/2009	571.04	41.85	ND	ND	N/A	529.19	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-59D [R]	04/16/2009	571.04	41.44	ND	ND	N/A	529.60	
	05/07/2009	571.04	41.46	ND	ND	N/A	529.58	
	06/03/2009	571.04	41.46	ND	ND	N/A	529.58	
	07/02/2009	571.04	41.50	ND	ND	N/A	529.54	
	08/06/2009	571.04	41.52	ND	ND	N/A	529.52	
	09/02/2009	571.04	41.45	ND	ND	N/A	529.59	
	10/06/2009	571.04	41.55	ND	ND	N/A	529.49	
	11/05/2009	571.04	40.84	ND	ND	N/A	530.20	
	12/04/2009	571.04	41.47	ND	ND	N/A	529.57	
	01/06/2010	571.04	41.08	ND	ND	N/A	529.96	
	02/03/2010	571.04	41.45	ND	ND	N/A	529.59	
	03/02/2010	571.04	41.46	ND	ND	N/A	529.58	
	04/07/2010	571.04	42.52	ND	ND	N/A	528.52	
	05/05/2010	571.04	42.03	ND	ND	N/A	529.01	
	06/02/2010	571.04	42.09	ND	ND	N/A	528.95	
	07/08/2010	571.04	42.05	ND	ND	N/A	528.99	
	08/04/2010	571.04	42.09	ND	ND	N/A	528.95	
	09/03/2010	571.04	42.08	ND	ND	N/A	528.96	
	10/06/2010	571.04	42.05	ND	ND	N/A	528.99	
	11/03/2010	571.04	43.00	ND	ND	N/A	528.04	
	12/02/2010	571.04	43.80	ND	ND	N/A	527.24	
	01/04/2011	571.04	42.01	ND	ND	N/A	529.03	
	02/01/2011	571.04	43.19	ND	ND	N/A	527.85	
	03/08/2011	571.04	42.95	ND	ND	N/A	528.09	
	04/06/2011	571.04	41.94	ND	ND	N/A	529.10	
	05/03/2011	571.04	42.04	ND	ND	N/A	529.00	
	06/03/2011	571.04	41.88	ND	ND	N/A	529.16	
	07/05/2011	571.04	41.90	ND	ND	N/A	529.14	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-73	03/14/2006	600.37	37.14	ND	ND	N/A	563.23	
	03/15/2006	600.37	37.34	ND	ND	N/A	563.03	
	03/16/2006	600.37	37.48	ND	ND	N/A	562.89	
	03/17/2006	600.37	37.60	ND	ND	N/A	562.77	
	03/18/2006	600.37	37.68	ND	ND	N/A	562.69	
	03/19/2006	600.37	37.76	ND	ND	N/A	562.61	
	03/20/2006	600.37	37.84	ND	ND	N/A	562.53	
	03/21/2006	600.37	37.84	ND	ND	N/A	562.53	
	03/22/2006	600.37	37.96	ND	ND	N/A	562.41	
	03/23/2006	600.37	38.04	ND	ND	N/A	562.33	
	03/24/2006	600.37	38.11	ND	ND	N/A	562.26	
	03/25/2006	600.37	38.13	ND	ND	N/A	562.24	
	03/26/2006	600.37	38.13	ND	ND	N/A	562.24	
	03/27/2006	600.37	38.12	ND	ND	N/A	562.25	
	03/28/2006	600.37	38.11	ND	ND	N/A	562.26	
	03/29/2006	600.37	38.09	ND	ND	N/A	562.28	
	03/30/2006	600.37	38.20	ND	ND	N/A	562.17	
	03/31/2006	600.37	38.19	ND	ND	N/A	562.18	
	04/01/2006	600.37	38.20	ND	ND	N/A	562.17	
	04/02/2006	600.37	38.41	ND	ND	N/A	561.96	
	04/03/2006	600.37	38.44	ND	ND	N/A	561.93	
	04/04/2006	600.37	38.57	ND	ND	N/A	561.80	
	04/05/2006	600.37	38.61	ND	ND	N/A	561.76	
	04/06/2006	600.37	38.73	ND	ND	N/A	561.64	
	04/07/2006	600.37	38.73	ND	ND	N/A	561.64	
	04/08/2006	600.37	33.77	ND	ND	N/A	566.60	
	04/09/2006	600.37	38.79	ND	ND	N/A	561.58	
	04/10/2006	600.37	38.77	ND	ND	N/A	561.60	
	04/11/2006	600.37	38.85	ND	ND	N/A	561.52	
	04/12/2006	600.37	38.78	ND	ND	N/A	561.59	
	04/13/2006	600.37	38.73	ND	ND	N/A	561.64	
	04/14/2006	600.37	38.87	ND	ND	N/A	561.50	
	04/17/2006	600.37	38.60	ND	ND	N/A	561.77	
	04/18/2006	600.37	38.70	ND	ND	N/A	561.67	
	04/19/2006	600.37	38.67	ND	ND	N/A	561.70	
	04/21/2006	600.37	38.76	ND	ND	N/A	561.61	
	04/24/2006	600.37	38.40	ND	ND	N/A	561.97	
	04/26/2006	600.37	38.66	ND	ND	N/A	561.71	
	04/28/2006	600.37	38.66	ND	ND	N/A	561.71	
	05/01/2006	600.37	38.64	ND	ND	N/A	561.73	
	05/08/2006	600.37	38.67	ND	ND	N/A	561.70	
	05/15/2006	600.37	38.66	ND	ND	N/A	561.71	
	05/22/2006	600.37	38.91	ND	ND	N/A	561.46	
	05/30/2006	600.37	39.58	ND	ND	N/A	560.79	
	06/05/2006	600.37	39.80	ND	ND	N/A	560.57	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-73	06/12/2006	600.37	40.02	ND	ND	N/A	560.35	
	06/19/2006	600.37	40.06	ND	ND	N/A	560.31	
	06/26/2006	600.37	40.19	ND	ND	N/A	560.18	
	07/03/2006	600.37	40.00	ND	ND	N/A	560.37	
	07/05/2006	600.37	39.98	ND	ND	N/A	560.39	
	07/10/2006	600.37	39.61	ND	ND	N/A	560.76	
	07/17/2006	600.37	38.97	ND	ND	N/A	561.40	
	07/24/2006	600.37	37.76	ND	ND	N/A	562.61	
	07/31/2006	600.37	38.57	ND	ND	N/A	561.80	
	08/14/2006	600.37	39.07	ND	ND	N/A	561.30	
	08/28/2006	600.37	35.82	ND	ND	N/A	564.55	
	09/11/2006	600.37	40.09	ND	ND	N/A	560.28	
	09/25/2006	600.37	40.11	ND	ND	N/A	560.26	
	10/09/2006	600.37	40.31	ND	ND	N/A	560.06	
	10/23/2006	600.37	40.34	ND	ND	N/A	560.03	
	11/06/2006	600.37	40.43	ND	ND	N/A	559.94	
	11/20/2006	600.37	40.14	ND	ND	N/A	560.23	
	12/04/2006	600.37	39.89	ND	ND	N/A	560.48	
	12/18/2006	600.37	39.40	ND	ND	N/A	560.97	
	01/02/2007	600.37	39.58	ND	ND	N/A	560.79	
	01/15/2007	600.37	49.46	ND	ND	N/A	550.91	
	01/29/2007	600.37	39.34	ND	ND	N/A	561.03	
	02/12/2007	600.37	39.43	ND	ND	N/A	560.94	
	02/27/2007	600.37	39.92	ND	ND	N/A	560.45	
	03/12/2007	600.37	40.05	ND	ND	N/A	560.32	
	03/26/2007	600.37	40.02	ND	ND	N/A	560.35	
	04/09/2007	600.37	39.69	ND	ND	N/A	560.68	
	05/07/2007	600.37	38.73	ND	ND	N/A	561.64	
	06/04/2007	600.37	38.91	ND	ND	N/A	561.46	
	07/02/2007	600.37	40.05	ND	ND	N/A	560.32	
	08/13/2007	600.37	40.23	ND	ND	N/A	560.14	
	09/10/2007	600.37	40.45	ND	ND	N/A	559.92	
	10/08/2007	600.37	40.91	ND	ND	N/A	559.46	
	11/05/2007	600.37	41.85	ND	ND	N/A	558.52	
	12/03/2007	600.37	41.99	ND	ND	N/A	558.38	
	03/11/2008	600.37	40.71	ND	ND	N/A	559.66	
	04/22/2008	600.37	40.15	ND	ND	N/A	560.22	
	05/13/2008	600.37	40.22	ND	ND	N/A	560.15	
	06/09/2008	600.37	39.78	ND	ND	N/A	560.59	
	07/23/2008	600.37	39.44	ND	ND	N/A	560.93	
	08/13/2008	600.37	39.66	ND	ND	N/A	560.71	
	09/16/2008	600.37	40.25	ND	ND	N/A	560.12	
	10/15/2008	600.37	40.57	ND	ND	N/A	559.80	
	11/20/2008	600.37	41.28	ND	ND	N/A	559.09	
	12/08/2008	600.37	41.60	ND	ND	N/A	558.77	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-73	01/19/2009	600.37	41.36	ND	ND	N/A	559.01	
	02/16/2009	600.37	41.42	ND	ND	N/A	558.95	
	03/05/2009	600.37	41.65	ND	ND	N/A	558.72	
	04/13/2009	600.37	41.77	ND	ND	N/A	558.60	
	05/05/2009	600.37	41.81	ND	ND	N/A	558.56	
	06/02/2009	600.37	40.72	ND	ND	N/A	559.65	
	07/02/2009	600.37	40.38	ND	ND	N/A	559.99	
	08/05/2009	600.37	40.83	ND	ND	N/A	559.54	
	09/01/2009	600.37	41.58	ND	ND	N/A	558.79	
	10/01/2009	600.37	41.52	ND	ND	N/A	558.85	
	11/03/2009	600.37	40.60	ND	ND	N/A	559.77	
	12/01/2009	600.37	39.98	ND	ND	N/A	560.39	
	01/04/2010	600.37	37.25	ND	ND	N/A	563.12	
	02/02/2010	600.37	36.69	ND	ND	N/A	563.68	
	03/02/2010	600.37	37.24	ND	ND	N/A	563.13	
	04/08/2010	600.37	35.19	ND	ND	N/A	565.18	
	05/05/2010	600.37	36.80	ND	ND	N/A	563.57	
	06/02/2010	600.37	38.85	ND	ND	N/A	561.52	
	07/06/2010	600.37	40.02	ND	ND	N/A	560.35	
	08/02/2010	600.37	40.58	ND	ND	N/A	559.79	
	09/02/2010	600.37	41.45	ND	ND	N/A	558.92	
	10/08/2010	600.37	42.40	ND	ND	N/A	557.97	
	11/01/2010	600.37	42.79	ND	ND	N/A	557.58	
	12/01/2010	600.37	43.69	ND	ND	N/A	556.68	
	01/03/2011	600.37	43.52	ND	ND	N/A	556.85	
	02/03/2011	600.37	45.74	ND	ND	N/A	554.63	
	03/03/2011	600.37	44.25	ND	ND	N/A	556.12	
	04/05/2011	600.37	40.18	ND	ND	N/A	560.19	
	04/26/2011	600.37	40.03	ND	ND	N/A	560.34	
	05/02/2011	600.37	40.21	ND	ND	N/A	560.16	
	05/19/2011	600.37	39.95	ND	ND	N/A	560.42	
	06/01/2011	600.37	39.50	ND	ND	N/A	560.87	
	07/06/2011	600.37	39.58	ND	ND	N/A	560.79	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-74 [R]	03/14/2006	577.18	46.27	ND	ND	N/A	530.91	
	03/15/2006	577.18	46.45	ND	ND	N/A	530.73	
	03/17/2006	577.18	46.50	ND	ND	N/A	530.68	
	03/18/2006	577.18	46.22	ND	ND	N/A	530.96	
	03/19/2006	577.18	46.32	ND	ND	N/A	530.86	
	03/21/2006	577.18	41.25	ND	ND	N/A	535.93	
	03/23/2006	577.18	28.77	ND	ND	N/A	548.41	
	03/24/2006	577.18	44.12	ND	ND	N/A	533.06	
	03/25/2006	577.18	48.65	ND	ND	N/A	528.53	
	03/26/2006	577.18	48.20	ND	ND	N/A	528.98	
	03/27/2006	577.18	48.55	ND	ND	N/A	528.63	
	03/28/2006	577.18	48.17	ND	ND	N/A	529.01	
	03/29/2006	577.18	48.16	ND	ND	N/A	529.02	
	03/30/2006	577.18	48.39	ND	ND	N/A	528.79	
	03/31/2006	577.18	48.47	ND	ND	N/A	528.71	
	04/01/2006	577.18	48.32	ND	ND	N/A	528.86	
	04/02/2006	577.18	48.31	ND	ND	N/A	528.87	
	04/03/2006	577.18	48.21	ND	ND	N/A	528.97	
	04/04/2006	577.18	48.15	ND	ND	N/A	529.03	
	04/05/2006	577.18	48.23	ND	ND	N/A	528.95	
	04/06/2006	577.18	48.56	ND	ND	N/A	528.62	
	04/07/2006	577.18	48.23	ND	ND	N/A	528.95	
	04/08/2006	577.18	48.31	ND	ND	N/A	528.87	
	04/09/2006	577.18	48.16	ND	ND	N/A	529.02	
	04/10/2006	577.18	48.61	48.40	0.21	0.16	528.73	
	04/11/2006	577.18	47.71	47.60	0.11	0.08	529.55	
	04/12/2006	577.18	48.65	48.42	0.23	0.17	528.70	
	04/13/2006	577.18	48.45	ND	ND	N/A	528.73	
	04/14/2006	577.18	48.32	48.31	0.01	0.01	528.87	
	04/17/2006	577.18	48.65	47.99	0.66	0.50	529.03	
	04/18/2006	577.18	48.28	47.85	0.43	0.33	529.23	
	04/19/2006	577.18	47.96	47.95	0.01	0.01	529.23	
	04/20/2006	577.18	DRY	DRY	DRY	DRY	DRY	
	04/21/2006	577.18	48.41	ND	ND	N/A	528.77	
	04/24/2006	577.18	40.45	ND	ND	N/A	536.73	
	04/25/2006	577.18	36.41	ND	ND	N/A	540.77	
	04/26/2006	577.18	48.14	ND	ND	N/A	529.04	
	04/27/2006	577.18	37.51	ND	ND	N/A	539.67	
	04/28/2006	577.18	46.32	ND	ND	N/A	530.86	
	05/01/2006	577.18	DRY	DRY	DRY	DRY	DRY	
	05/02/2006	577.18	49.55	ND	ND	N/A	527.63	
	05/03/2006	577.18	49.91	ND	ND	N/A	527.27	
	05/04/2006	577.18	47.61	ND	ND	N/A	529.57	
	05/05/2006	577.18	47.56	ND	ND	N/A	529.62	
	05/08/2006	577.18	38.52	ND	ND	N/A	538.66	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-74 [R]	05/09/2006	577.18	46.76	ND	ND	N/A	530.42	
	05/10/2006	577.18	49.81	ND	ND	N/A	527.37	
	05/11/2006	577.18	48.51	ND	ND	N/A	528.67	
	05/12/2006	577.18	38.63	ND	ND	N/A	538.55	
	05/15/2006	577.18	35.30	ND	ND	N/A	541.88	
	05/22/2006	577.18	48.44	ND	ND	N/A	528.74	
	05/30/2006	577.18	46.30	ND	ND	N/A	530.88	
	06/05/2006	577.18	DRY	DRY	DRY	DRY	DRY	
	06/12/2006	577.18	49.91	ND	ND	N/A	527.27	
	06/19/2006	577.18	48.74	ND	ND	N/A	528.44	
	06/26/2006	577.18	38.54	ND	ND	N/A	538.64	
	07/05/2006	577.18	46.53	ND	ND	N/A	530.65	
	07/10/2006	577.18	50.00	ND	ND	N/A	527.18	
	07/17/2006	577.18	47.80	ND	ND	N/A	529.38	
	07/24/2006	577.18	29.42	ND	ND	N/A	547.76	
	07/31/2006	577.18	48.58	ND	ND	N/A	528.60	
	08/14/2006	577.18	48.63	ND	ND	N/A	528.55	
	08/28/2006	577.18	48.23	ND	ND	N/A	528.95	
	09/11/2006	577.18	48.65	ND	ND	N/A	528.53	
	09/25/2006	577.18	DRY	DRY	DRY	DRY	DRY	
	10/09/2006	577.18	48.50	ND	ND	N/A	528.68	
	10/24/2006	577.18	48.00	ND	ND	N/A	529.18	
	11/06/2006	577.18	48.14	ND	ND	N/A	529.04	
	11/20/2006	577.18	48.48	ND	ND	N/A	528.70	
	12/04/2006	577.18	48.59	ND	ND	N/A	528.59	
	12/18/2006	577.18	48.02	ND	ND	N/A	529.16	
	01/02/2007	577.18	DRY	DRY	DRY	DRY	DRY	
	01/15/2007	577.18	DRY	DRY	DRY	DRY	DRY	
	01/29/2007	577.18	DRY	DRY	DRY	DRY	DRY	
	02/12/2007	577.18	DRY	DRY	DRY	DRY	DRY	
	03/12/2007	577.18	48.74	ND	ND	N/A	528.44	
	03/26/2007	577.18	41.44	ND	ND	N/A	535.74	
	04/09/2007	577.18	48.81	ND	ND	N/A	528.37	
	05/07/2007	577.18	48.20	ND	ND	N/A	528.98	
	06/04/2007	577.18	48.60	ND	ND	N/A	528.58	
	07/02/2007	577.18	48.45	ND	ND	N/A	528.73	
	08/13/2007	577.18	48.71	ND	ND	N/A	528.47	
	09/10/2007	577.18	47.74	ND	ND	N/A	529.44	
	10/08/2007	577.18	48.77	ND	ND	N/A	528.41	
	11/05/2007	577.18	45.90	ND	ND	N/A	531.28	
	12/03/2007	577.18	48.92	ND	ND	N/A	528.26	
	01/07/2008	577.18	46.38	ND	ND	N/A	530.80	
	02/05/2008	577.18	46.79	ND	ND	N/A	530.39	
	03/11/2008	577.18	35.86	ND	ND	N/A	541.32	
	04/22/2008	577.18	41.08	ND	ND	N/A	536.10	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-74 [R]	05/13/2008	577.18	24.22	ND	ND	N/A	552.96	
	06/10/2008	577.18	43.02	ND	ND	N/A	534.16	
	07/23/2008	577.18	34.45	ND	ND	N/A	542.73	
	08/13/2008	577.18	42.36	ND	ND	N/A	534.82	
	09/16/2008	577.18	43.51	ND	ND	N/A	533.67	
	10/15/2008	577.18	43.64	ND	ND	N/A	533.54	
	11/20/2008	577.18	43.69	ND	ND	N/A	533.49	
	12/09/2008	577.18	43.38	ND	ND	N/A	533.80	
	01/22/2009	577.18	36.84	ND	ND	N/A	540.34	
	02/18/2009	577.18	45.29	ND	ND	N/A	531.89	
	03/05/2009	577.18	45.33	ND	ND	N/A	531.85	
	04/16/2009	577.18	45.43	ND	ND	N/A	531.75	
	05/07/2009	577.18	42.94	ND	ND	N/A	534.24	
	06/03/2009	577.18	45.98	ND	ND	N/A	531.20	
	07/02/2009	577.18	45.65	ND	ND	N/A	531.53	
	08/06/2009	577.18	46.11	ND	ND	N/A	531.07	
	09/02/2009	577.18	45.88	ND	ND	N/A	531.30	
	10/06/2009	577.18	45.98	ND	ND	N/A	531.20	
	11/05/2009	577.18	45.89	ND	ND	N/A	531.29	
	12/04/2009	577.18	46.16	ND	ND	N/A	531.02	
	01/06/2010	577.18	46.35	ND	ND	N/A	530.83	
	02/03/2010	577.18	46.39	ND	ND	N/A	530.79	
	03/02/2010	577.18	46.29	ND	ND	N/A	530.89	
	04/07/2010	577.18	46.29	ND	ND	N/A	530.89	
	05/05/2010	577.18	46.19	ND	ND	N/A	530.99	
	06/01/2010	577.18	46.05	ND	ND	N/A	531.13	
	07/06/2010	577.18	46.21	ND	ND	N/A	530.97	
	08/03/2010	577.18	46.21	ND	ND	N/A	530.97	
	09/01/2010	577.18	46.32	ND	ND	N/A	530.86	
	10/05/2010	577.18	46.24	ND	ND	N/A	530.94	
	11/02/2010	577.18	46.21	ND	ND	N/A	530.97	
	12/02/2010	577.18	46.13	ND	ND	N/A	531.05	
	01/04/2011	577.18	46.01	ND	ND	N/A	531.17	
	02/01/2011	577.18	46.11	ND	ND	N/A	531.07	
	03/08/2011	577.18	46.37	ND	ND	N/A	530.81	
	04/06/2011	577.18	46.12	ND	ND	N/A	531.06	
	05/02/2011	577.18	46.11	ND	ND	N/A	531.07	
	06/03/2011	577.18	46.10	ND	ND	N/A	531.08	
	07/05/2011	577.18	46.06	ND	ND	N/A	531.12	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-75 [R]	03/15/2006	574.00	31.06	ND	ND	N/A	542.94	
	03/16/2006	574.00	31.39	31.37	0.02	0.02	542.63	
	03/18/2006	574.00	44.12	ND	ND	N/A	529.88	
	03/19/2006	574.00	43.92	ND	ND	N/A	530.08	
	03/21/2006	574.00	39.70	ND	ND	N/A	534.30	
	03/23/2006	574.00	30.56	ND	ND	N/A	543.44	
	03/24/2006	574.00	42.28	ND	ND	N/A	531.72	
	03/25/2006	574.00	44.13	ND	ND	N/A	529.87	
	03/26/2006	574.00	43.64	ND	ND	N/A	530.36	
	03/27/2006	574.00	43.63	ND	ND	N/A	530.37	
	03/28/2006	574.00	34.33	ND	ND	N/A	539.67	
	03/29/2006	574.00	44.42	ND	ND	N/A	529.58	
	03/30/2006	574.00	44.55	ND	ND	N/A	529.45	
	03/31/2006	574.00	44.64	ND	ND	N/A	529.36	
	04/01/2006	574.00	44.60	ND	ND	N/A	529.40	
	04/02/2006	574.00	44.61	ND	ND	N/A	529.39	
	04/03/2006	574.00	44.65	ND	ND	N/A	529.35	
	04/04/2006	574.00	54.65	ND	ND	N/A	519.35	
	04/05/2006	574.00	44.47	ND	ND	N/A	529.53	
	04/06/2006	574.00	44.76	ND	ND	N/A	529.24	
	04/07/2006	574.00	44.76	ND	ND	N/A	529.24	
	04/08/2006	574.00	44.64	ND	ND	N/A	529.36	
	04/09/2006	574.00	44.74	ND	ND	N/A	529.26	
	04/10/2006	574.00	44.75	ND	ND	N/A	529.25	
	04/11/2006	574.00	44.61	ND	ND	N/A	529.39	
	04/12/2006	574.00	44.71	ND	ND	N/A	529.29	
	04/13/2006	574.00	44.75	ND	ND	N/A	529.25	
	04/14/2006	574.00	44.75	ND	ND	N/A	529.25	
	04/17/2006	574.00	44.62	ND	ND	N/A	529.38	
	04/18/2006	574.00	44.61	ND	ND	N/A	529.39	
	04/19/2006	574.00	44.65	ND	ND	N/A	529.35	
	04/21/2006	574.00	45.29	ND	ND	N/A	528.71	
	04/24/2006	574.00	44.50	ND	ND	N/A	529.50	
	04/26/2006	574.00	44.78	ND	ND	N/A	529.22	
	04/28/2006	574.00	45.73	ND	ND	N/A	528.27	
	05/01/2006	574.00	42.01	ND	ND	N/A	531.99	
	05/03/2006	574.00	42.13	ND	ND	N/A	531.87	
	05/08/2006	574.00	40.95	ND	ND	N/A	533.05	
	05/15/2006	574.00	43.69	ND	ND	N/A	530.31	
	05/22/2006	574.00	44.21	ND	ND	N/A	529.79	
	05/30/2006	574.00	42.68	ND	ND	N/A	531.32	
	06/05/2006	574.00	41.54	ND	ND	N/A	532.46	
	06/12/2006	574.00	42.46	ND	ND	N/A	531.54	
	06/19/2006	574.00	42.50	ND	ND	N/A	531.50	
	06/26/2006	574.00	38.03	ND	ND	N/A	535.97	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-75 [R]	07/05/2006	574.00	47.53	ND	ND	N/A	526.47	
	07/10/2006	574.00	41.00	ND	ND	N/A	533.00	
	07/17/2006	574.00	47.71	ND	ND	N/A	526.29	
	07/24/2006	574.00	36.68	ND	ND	N/A	537.32	
	07/31/2006	574.00	48.40	ND	ND	N/A	525.60	
	08/14/2006	574.00	47.87	ND	ND	N/A	526.13	
	08/28/2006	574.00	47.86	ND	ND	N/A	526.14	
	09/11/2006	574.00	47.96	ND	ND	N/A	526.04	
	09/25/2006	574.00	47.71	ND	ND	N/A	526.29	
	10/09/2006	574.00	41.25	ND	ND	N/A	532.75	
	10/23/2006	574.00	47.54	ND	ND	N/A	526.46	
	11/06/2006	574.00	48.01	ND	ND	N/A	525.99	
	11/20/2006	574.00	47.88	ND	ND	N/A	526.12	
	12/04/2006	574.00	DRY	DRY	DRY	DRY	DRY	
	12/18/2006	574.00	DRY	DRY	DRY	DRY	DRY	
	01/02/2007	574.00	DRY	DRY	DRY	DRY	DRY	
	01/15/2007	574.00	DRY	DRY	DRY	DRY	DRY	
	01/29/2007	574.00	DRY	DRY	DRY	DRY	DRY	
	02/12/2007	574.00	48.45	ND	ND	N/A	525.55	
	02/27/2007	574.00	DRY	DRY	DRY	DRY	DRY	
	03/12/2007	574.00	43.06	ND	ND	N/A	530.94	
	03/26/2007	574.00	38.46	ND	ND	N/A	535.54	
	04/09/2007	574.00	46.17	ND	ND	N/A	527.83	
	06/04/2007	574.00	48.41	ND	ND	N/A	525.59	
	07/02/2007	574.00	DRY	DRY	DRY	DRY	DRY	
	08/13/2007	574.00	48.48	ND	ND	N/A	525.52	
	09/10/2007	574.00	DRY	DRY	DRY	DRY	DRY	
	10/08/2007	574.00	48.51	ND	ND	N/A	525.49	
	11/05/2007	574.00	43.01	ND	ND	N/A	530.99	
	12/03/2007	574.00	44.43	ND	ND	N/A	529.57	
	01/07/2008	574.00	42.81	ND	ND	N/A	531.19	
	02/05/2008	574.00	43.34	ND	ND	N/A	530.66	
	03/11/2008	574.00	42.90	ND	ND	N/A	531.10	
	04/22/2008	574.00	39.89	ND	ND	N/A	534.11	
	05/13/2008	574.00	35.45	ND	ND	N/A	538.55	
	06/10/2008	574.00	43.35	ND	ND	N/A	530.65	
	07/23/2008	574.00	45.61	ND	ND	N/A	528.39	
	08/13/2008	574.00	42.95	ND	ND	N/A	531.05	
	09/16/2008	574.00	39.20	ND	ND	N/A	534.80	
	10/15/2008	574.00	37.31	ND	ND	N/A	536.69	
	11/20/2008	574.00	37.15	ND	ND	N/A	536.85	
	12/09/2008	574.00	42.51	ND	ND	N/A	531.49	
	01/22/2009	574.00	41.17	ND	ND	N/A	532.83	
	02/18/2009	574.00	42.13	ND	ND	N/A	531.87	
	03/05/2009	574.00	40.00	ND	ND	N/A	534.00	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-75 [R]	04/16/2009	574.00	39.83	ND	ND	N/A	534.17	
	05/07/2009	574.00	40.39	ND	ND	N/A	533.61	
	06/03/2009	574.00	38.85	ND	ND	N/A	535.15	
	07/02/2009	574.00	42.13	ND	ND	N/A	531.87	
	08/06/2009	574.00	42.32	ND	ND	N/A	531.68	
	09/02/2009	574.00	42.31	ND	ND	N/A	531.69	
	10/06/2009	574.00	42.22	ND	ND	N/A	531.78	
	11/05/2009	574.00	42.25	ND	ND	N/A	531.75	
	12/04/2009	574.00	42.07	ND	ND	N/A	531.93	
	01/06/2010	574.00	39.04	ND	ND	N/A	534.96	
	02/03/2010	574.00	42.36	ND	ND	N/A	531.64	
	03/02/2010	574.00	42.40	ND	ND	N/A	531.60	
	04/07/2010	574.00	43.90	ND	ND	N/A	530.10	
	05/05/2010	574.00	42.72	ND	ND	N/A	531.28	
	06/01/2010	574.00	41.91	ND	ND	N/A	532.09	
	07/06/2010	574.00	42.06	ND	ND	N/A	531.94	
	08/03/2010	574.00	42.18	ND	ND	N/A	531.82	
	09/01/2010	574.00	42.20	ND	ND	N/A	531.80	
	10/05/2010	574.00	42.40	ND	ND	N/A	531.60	
	11/02/2010	574.00	42.18	ND	ND	N/A	531.82	
	12/02/2010	574.00	42.35	ND	ND	N/A	531.65	
	01/04/2011	574.00	42.35	ND	ND	N/A	531.65	
	02/01/2011	574.00	42.38	ND	ND	N/A	531.62	
	03/08/2011	574.00	39.86	ND	ND	N/A	534.14	
	04/06/2011	574.00	42.60	ND	ND	N/A	531.40	
	05/02/2011	574.00	42.40	ND	ND	N/A	531.60	
	06/03/2011	574.00	42.33	ND	ND	N/A	531.67	
	07/05/2011	574.00	42.69	ND	ND	N/A	531.31	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-76 [R]	03/15/2006	559.30	21.37	ND	ND	N/A	537.93	
	03/17/2006	559.30	26.04	22.70	3.34	2.54	535.80	
	03/18/2006	559.30	31.31	31.13	0.18	0.14	528.13	
	03/21/2006	559.30	27.25	24.21	3.04	2.31	534.36	
	03/23/2006	559.30	25.65	25.60	0.05	0.04	533.69	
	03/24/2006	559.30	27.62	27.52	0.10	0.08	531.76	
	03/25/2006	559.30	51.30	ND	ND	N/A	508.00	
	03/26/2006	559.30	51.55	ND	ND	N/A	507.75	
	03/27/2006	559.30	26.76	ND	ND	N/A	532.54	
	03/28/2006	559.30	25.72	ND	ND	N/A	533.58	
	03/29/2006	559.30	56.21	ND	ND	N/A	503.09	
	03/30/2006	559.30	56.10	ND	ND	N/A	503.20	
	03/31/2006	559.30	56.20	ND	ND	N/A	503.10	
	04/01/2006	559.30	56.39	ND	ND	N/A	502.91	
	04/02/2006	559.30	31.60	ND	ND	N/A	527.70	
	04/03/2006	559.30	49.44	ND	ND	N/A	509.86	
	04/04/2006	559.30	55.60	ND	ND	N/A	503.70	
	04/05/2006	559.30	55.64	ND	ND	N/A	503.66	
	04/06/2006	559.30	55.69	ND	ND	N/A	503.61	
	04/07/2006	559.30	56.09	ND	ND	N/A	503.21	
	04/08/2006	559.30	57.46	ND	ND	N/A	501.84	
	04/09/2006	559.30	52.90	ND	ND	N/A	506.40	
	04/10/2006	559.30	51.78	ND	ND	N/A	507.52	
	04/11/2006	559.30	50.63	ND	ND	N/A	508.67	
	04/12/2006	559.30	29.89	ND	ND	N/A	529.41	
	04/13/2006	559.30	25.48	ND	ND	N/A	533.82	
	04/14/2006	559.30	25.33	ND	ND	N/A	533.97	
	04/17/2006	559.30	50.50	ND	ND	N/A	508.80	
	04/18/2006	559.30	51.53	ND	ND	N/A	507.77	
	04/19/2006	559.30	54.50	ND	ND	N/A	504.80	
	04/21/2006	559.30	30.16	ND	ND	N/A	529.14	
	04/24/2006	559.30	27.10	ND	ND	N/A	532.20	
	04/26/2006	559.30	48.70	ND	ND	N/A	510.60	
	04/28/2006	559.30	50.02	ND	ND	N/A	509.28	
	05/01/2006	559.30	50.09	ND	ND	N/A	509.21	
	05/08/2006	559.30	50.92	ND	ND	N/A	508.38	
	05/15/2006	559.30	52.85	ND	ND	N/A	506.45	
	05/22/2006	559.30	49.71	ND	ND	N/A	509.59	
	05/30/2006	559.30	50.10	ND	ND	N/A	509.20	
	06/05/2006	559.30	50.75	ND	ND	N/A	508.55	
	06/12/2006	559.30	50.89	ND	ND	N/A	508.41	
	06/19/2006	559.30	50.35	ND	ND	N/A	508.95	
	07/01/2006	559.30	28.11	ND	ND	N/A	531.19	
	07/03/2006	559.30	23.90	ND	ND	N/A	535.40	
	07/05/2006	559.30	23.70	ND	ND	N/A	535.60	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-76 [R]	07/10/2006	559.30	50.85	ND	ND	N/A	508.45	
	07/17/2006	559.30	50.89	ND	ND	N/A	508.41	
	07/24/2006	559.30	51.54	ND	ND	N/A	507.76	
	07/31/2006	559.30	50.82	ND	ND	N/A	508.48	
	08/14/2006	559.30	50.59	ND	ND	N/A	508.71	
	08/28/2006	559.30	50.52	ND	ND	N/A	508.78	
	09/11/2006	559.30	50.66	ND	ND	N/A	508.64	
	09/25/2006	559.30	49.13	ND	ND	N/A	510.17	
	10/09/2006	559.30	49.75	ND	ND	N/A	509.55	
	10/23/2006	559.30	50.62	ND	ND	N/A	508.68	
	11/06/2006	559.30	51.48	ND	ND	N/A	507.82	
	11/20/2006	559.30	50.70	ND	ND	N/A	508.60	
	12/04/2006	559.30	47.85	ND	ND	N/A	511.45	
	12/18/2006	559.30	50.05	ND	ND	N/A	509.25	
	01/02/2007	559.30	50.51	ND	ND	N/A	508.79	
	01/15/2007	559.30	23.55	ND	ND	N/A	535.75	
	01/29/2007	559.30	50.15	ND	ND	N/A	509.15	
	02/12/2007	559.30	50.72	ND	ND	N/A	508.58	
	02/27/2007	559.30	47.54	ND	ND	N/A	511.76	
	03/12/2007	559.30	50.78	ND	ND	N/A	508.52	
	03/26/2007	559.30	50.52	ND	ND	N/A	508.78	
	04/09/2007	559.30	50.72	ND	ND	N/A	508.58	
	05/07/2007	559.30	50.78	ND	ND	N/A	508.52	
	06/04/2007	559.30	47.30	ND	ND	N/A	512.00	
	07/02/2007	559.30	49.60	ND	ND	N/A	509.70	
	08/13/2007	559.30	49.53	ND	ND	N/A	509.77	
	09/10/2007	559.30	49.51	ND	ND	N/A	509.79	
	10/08/2007	559.30	36.91	ND	ND	N/A	522.39	
	11/05/2007	559.30	45.69	ND	ND	N/A	513.61	
	12/03/2007	559.30	46.14	ND	ND	N/A	513.16	
	01/07/2008	559.30	49.38	ND	ND	N/A	509.92	
	02/05/2008	559.30	46.46	ND	ND	N/A	512.84	
	03/11/2008	559.30	49.50	ND	ND	N/A	509.80	
	04/22/2008	559.30	50.64	ND	ND	N/A	508.66	
	05/13/2008	559.30	50.05	ND	ND	N/A	509.25	
	06/10/2008	559.30	50.20	ND	ND	N/A	509.10	
	07/23/2008	559.30	49.55	ND	ND	N/A	509.75	
	08/13/2008	559.30	49.48	ND	ND	N/A	509.82	
	09/16/2008	559.30	49.46	ND	ND	N/A	509.84	
	10/15/2008	559.30	49.44	ND	ND	N/A	509.86	
	11/20/2008	559.30	49.44	ND	ND	N/A	509.86	
	12/08/2008	559.30	49.47	ND	ND	N/A	509.83	
	01/22/2009	559.30	49.55	ND	ND	N/A	509.75	
	02/19/2009	559.30	49.41	ND	ND	N/A	509.89	
	03/06/2009	559.30	49.46	ND	ND	N/A	509.84	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-76 [R]	04/16/2009	559.30	49.42	ND	ND	N/A	509.88	
	05/07/2009	559.30	49.45	ND	ND	N/A	509.85	
	06/03/2009	559.30	49.36	ND	ND	N/A	509.94	
	07/07/2009	559.30	49.35	ND	ND	N/A	509.95	
	08/06/2009	559.30	51.45	ND	ND	N/A	507.85	
	09/02/2009	559.30	49.45	ND	ND	N/A	509.85	
	10/06/2009	559.30	49.15	ND	ND	N/A	510.15	
	11/05/2009	559.30	49.02	ND	ND	N/A	510.28	
	12/04/2009	559.30	49.39	ND	ND	N/A	509.91	
	01/07/2010	559.30	49.40	ND	ND	N/A	509.90	
	02/03/2010	559.30	49.61	ND	ND	N/A	509.69	
	03/02/2010	559.30	48.89	ND	ND	N/A	510.41	
	04/07/2010	559.30	48.33	ND	ND	N/A	510.97	
	05/05/2010	559.30	49.20	ND	ND	N/A	510.10	
	06/02/2010	559.30	49.40	ND	ND	N/A	509.90	
	07/08/2010	559.30	49.26	ND	ND	N/A	510.04	
	08/04/2010	559.30	48.56	ND	ND	N/A	510.74	
	09/03/2010	559.30	31.84	ND	ND	N/A	527.46	
	10/06/2010	559.30	49.60	ND	ND	N/A	509.70	
	11/03/2010	559.30	49.53	ND	ND	N/A	509.77	
	12/02/2010	559.30	49.59	ND	ND	N/A	509.71	
	01/04/2011	559.30	49.55	ND	ND	N/A	509.75	
	02/01/2011	559.30	49.50	ND	ND	N/A	509.80	
	03/08/2011	559.30	49.61	ND	ND	N/A	509.69	
	04/07/2011	559.30	49.55	ND	ND	N/A	509.75	
	05/02/2011	559.30	49.53	ND	ND	N/A	509.77	
	06/01/2011	559.30	49.54	ND	ND	N/A	509.76	
	07/05/2011	559.30	49.61	ND	ND	N/A	509.69	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-76P	03/29/2006	560.29	25.18	ND	ND	N/A	535.11	
	03/30/2006	560.29	25.45	ND	ND	N/A	534.84	
	03/31/2006	560.29	25.73	ND	ND	N/A	534.56	
	04/01/2006	560.29	25.94	ND	ND	N/A	534.35	
	04/02/2006	560.29	26.49	ND	ND	N/A	533.80	
	04/03/2006	560.29	26.17	ND	ND	N/A	534.12	
	04/04/2006	560.29	26.39	ND	ND	N/A	533.90	
	04/05/2006	560.29	26.43	ND	ND	N/A	533.86	
	04/06/2006	560.29	26.72	ND	ND	N/A	533.57	
	04/07/2006	560.29	26.86	ND	ND	N/A	533.43	
	04/08/2006	560.29	26.76	ND	ND	N/A	533.53	
	04/09/2006	560.29	26.98	ND	ND	N/A	533.31	
	04/10/2006	560.29	27.13	ND	ND	N/A	533.16	
	04/11/2006	560.29	27.30	ND	ND	N/A	532.99	
	04/12/2006	560.29	26.82	ND	ND	N/A	533.47	
	04/13/2006	560.29	26.16	ND	ND	N/A	534.13	
	04/14/2006	560.29	26.03	ND	ND	N/A	534.26	
	04/17/2006	560.29	27.33	ND	ND	N/A	532.96	
	04/18/2006	560.29	27.69	ND	ND	N/A	532.60	
	04/19/2006	560.29	27.58	ND	ND	N/A	532.71	
	04/21/2006	560.29	28.52	ND	ND	N/A	531.77	
	04/24/2006	560.29	28.55	ND	ND	N/A	531.74	
	04/26/2006	560.29	28.57	ND	ND	N/A	531.72	
	04/28/2006	560.29	29.43	ND	ND	N/A	530.86	
	05/01/2006	560.29	29.61	ND	ND	N/A	530.68	
	05/08/2006	560.29	29.76	ND	ND	N/A	530.53	
	05/15/2006	560.29	29.96	ND	ND	N/A	530.33	
	05/22/2006	560.29	30.19	ND	ND	N/A	530.10	
	05/30/2006	560.29	30.28	ND	ND	N/A	530.01	
	06/05/2006	560.29	31.08	ND	ND	N/A	529.21	
	06/12/2006	560.29	30.87	ND	ND	N/A	529.42	
	06/19/2006	560.29	31.06	ND	ND	N/A	529.23	
	06/26/2006	560.29	30.91	ND	ND	N/A	529.38	
	07/03/2006	560.29	24.53	ND	ND	N/A	535.76	
	07/05/2006	560.29	23.19	ND	ND	N/A	537.10	
	07/10/2006	560.29	27.70	ND	ND	N/A	532.59	
	07/17/2006	560.29	27.85	ND	ND	N/A	532.44	
	07/24/2006	560.29	26.59	ND	ND	N/A	533.70	
	07/31/2006	560.29	28.06	ND	ND	N/A	532.23	
	08/14/2006	560.29	27.27	ND	ND	N/A	533.02	
	08/28/2006	560.29	27.50	ND	ND	N/A	532.79	
	09/11/2006	560.29	26.17	ND	ND	N/A	534.12	
	09/25/2006	560.29	27.78	ND	ND	N/A	532.51	
	10/09/2006	560.29	28.07	ND	ND	N/A	532.22	
	10/23/2006	560.29	27.36	ND	ND	N/A	532.93	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-76P	11/06/2006	560.29	27.09	ND	ND	N/A	533.20	
	11/20/2006	560.29	25.61	ND	ND	N/A	534.68	
	12/04/2006	560.29	23.88	ND	ND	N/A	536.41	
	12/18/2006	560.29	24.60	ND	ND	N/A	535.69	
	01/02/2007	560.29	24.01	ND	ND	N/A	536.28	
	01/15/2007	560.29	23.21	ND	ND	N/A	537.08	
	01/29/2007	560.29	24.30	ND	ND	N/A	535.99	
	02/12/2007	560.29	25.53	ND	ND	N/A	534.76	
	02/27/2007	560.29	26.10	ND	ND	N/A	534.19	
	03/12/2007	560.29	25.18	ND	ND	N/A	535.11	
	03/26/2007	560.29	24.57	ND	ND	N/A	535.72	
	04/09/2007	560.29	24.88	ND	ND	N/A	535.41	
	05/07/2007	560.29	24.10	ND	ND	N/A	536.19	
	06/04/2007	560.29	25.19	ND	ND	N/A	535.10	
	07/02/2007	560.29	26.52	ND	ND	N/A	533.77	
	08/13/2007	560.29	28.41	ND	ND	N/A	531.88	
	09/10/2007	560.29	28.86	ND	ND	N/A	531.43	
	10/08/2007	560.29	29.60	ND	ND	N/A	530.69	
	11/05/2007	560.29	28.87	ND	ND	N/A	531.42	
	12/03/2007	560.29	30.24	ND	ND	N/A	530.05	
	01/07/2008	560.29	28.74	ND	ND	N/A	531.55	
	02/05/2008	560.29	28.51	ND	ND	N/A	531.78	
	03/11/2008	560.29	27.23	ND	ND	N/A	533.06	
	04/22/2008	560.29	26.44	ND	ND	N/A	533.85	
	05/13/2008	560.29	26.52	ND	ND	N/A	533.77	
	06/09/2008	560.29	25.29	ND	ND	N/A	535.00	
	07/23/2008	560.29	26.18	ND	ND	N/A	534.11	
	08/13/2008	560.29	26.83	ND	ND	N/A	533.46	
	09/18/2008	560.29	27.98	ND	ND	N/A	532.31	
	10/13/2008	560.29	28.51	ND	ND	N/A	531.78	
	11/20/2008	560.29	29.15	ND	ND	N/A	531.14	
	12/08/2008	560.29	29.50	ND	ND	N/A	530.79	
	01/20/2009	560.29	27.71	ND	ND	N/A	532.58	
	02/16/2009	560.29	27.38	ND	ND	N/A	532.91	
	03/05/2009	560.29	27.65	ND	ND	N/A	532.64	
	04/13/2009	560.29	28.04	ND	ND	N/A	532.25	
	05/06/2009	560.29	28.12	ND	ND	N/A	532.17	
	06/02/2009	560.29	24.98	ND	ND	N/A	535.31	
	07/02/2009	560.29	24.99	ND	ND	N/A	535.30	
	08/04/2009	560.29	25.60	ND	ND	N/A	534.69	
	09/02/2009	560.29	25.68	ND	ND	N/A	534.61	
	10/01/2009	560.29	24.80	ND	ND	N/A	535.49	
	11/04/2009	560.29	23.80	ND	ND	N/A	536.49	
	12/03/2009	560.29	23.81	ND	ND	N/A	536.48	
	01/05/2010	560.29	21.60	ND	ND	N/A	538.69	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-76P	02/01/2010	560.29	22.62	ND	ND	N/A	537.67	
	03/03/2010	560.29	23.68	ND	ND	N/A	536.61	
	04/06/2010	560.29	22.16	ND	ND	N/A	538.13	
	05/06/2010	560.29	23.26	ND	ND	N/A	537.03	
	06/01/2010	560.29	24.50	ND	ND	N/A	535.79	
	07/06/2010	560.29	26.17	ND	ND	N/A	534.12	
	08/04/2010	560.29	26.42	ND	ND	N/A	533.87	
	09/02/2010	560.29	26.45	ND	ND	N/A	533.84	
	10/08/2010	560.29	25.60	ND	ND	N/A	534.69	
	11/03/2010	560.29	27.33	ND	ND	N/A	532.96	
	12/02/2010	560.29	27.76	ND	ND	N/A	532.53	
	01/05/2011	560.29	27.41	ND	ND	N/A	532.88	
	02/05/2011	560.29	27.80	ND	ND	N/A	532.49	
	03/04/2011	560.29	26.48	ND	ND	N/A	533.81	
	04/07/2011	560.29	23.28	ND	ND	N/A	537.01	
	04/26/2011	560.29	22.97	ND	ND	N/A	537.32	
	05/04/2011	560.29	23.14	ND	ND	N/A	537.15	
	05/19/2011	560.29	22.85	ND	ND	N/A	537.44	
	06/01/2011	560.29	22.53	ND	ND	N/A	537.76	
	07/06/2011	560.29	24.19	ND	ND	N/A	536.10	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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14258 Jarrettsville Pike
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-84 [R]	03/18/2006	592.95	42.52	ND	ND	N/A	550.43	
	03/19/2006	592.95	42.67	ND	ND	N/A	550.28	
	03/20/2006	592.95	42.30	ND	ND	N/A	550.65	
	03/21/2006	592.95	42.04	ND	ND	N/A	550.91	
	03/23/2006	592.95	42.07	ND	ND	N/A	550.88	
	03/26/2006	592.95	42.31	ND	ND	N/A	550.64	
	03/27/2006	592.95	42.31	ND	ND	N/A	550.64	
	03/28/2006	592.95	42.76	ND	ND	N/A	550.19	
	03/29/2006	592.95	32.40	ND	ND	N/A	560.55	
	03/30/2006	592.95	42.20	ND	ND	N/A	550.75	
	03/31/2006	592.95	46.65	ND	ND	N/A	546.30	
	04/01/2006	592.95	42.76	ND	ND	N/A	550.19	
	04/02/2006	592.95	46.72	ND	ND	N/A	546.23	
	04/03/2006	592.95	46.69	ND	ND	N/A	546.26	
	04/04/2006	592.95	46.76	ND	ND	N/A	546.19	
	04/05/2006	592.95	43.28	ND	ND	N/A	549.67	
	04/06/2006	592.95	46.91	ND	ND	N/A	546.04	
	04/07/2006	592.95	46.84	ND	ND	N/A	546.11	
	04/08/2006	592.95	44.31	ND	ND	N/A	548.64	
	04/09/2006	592.95	43.56	ND	ND	N/A	549.39	
	04/10/2006	592.95	46.92	ND	ND	N/A	546.03	
	04/11/2006	592.95	46.69	ND	ND	N/A	546.26	
	04/12/2006	592.95	46.75	ND	ND	N/A	546.20	
	04/13/2006	592.95	47.14	ND	ND	N/A	545.81	
	04/14/2006	592.95	47.05	ND	ND	N/A	545.90	
	04/17/2006	592.95	47.29	ND	ND	N/A	545.66	
	04/18/2006	592.95	47.10	ND	ND	N/A	545.85	
	04/19/2006	592.95	47.36	ND	ND	N/A	545.59	
	04/21/2006	592.95	46.82	ND	ND	N/A	546.13	
	04/24/2006	592.95	47.35	ND	ND	N/A	545.60	
	04/26/2006	592.95	47.08	ND	ND	N/A	545.87	
	04/28/2006	592.95	47.54	ND	ND	N/A	545.41	
	05/01/2006	592.95	47.40	ND	ND	N/A	545.55	
	05/08/2006	592.95	47.37	ND	ND	N/A	545.58	
	05/15/2006	592.95	47.50	ND	ND	N/A	545.45	
	05/22/2006	592.95	47.45	ND	ND	N/A	545.50	
	05/30/2006	592.95	47.21	ND	ND	N/A	545.74	
	06/05/2006	592.95	47.21	ND	ND	N/A	545.74	
	06/12/2006	592.95	47.41	ND	ND	N/A	545.54	
	06/19/2006	592.95	43.50	ND	ND	N/A	549.45	
	06/26/2006	592.95	43.35	ND	ND	N/A	549.60	
	07/05/2006	592.95	57.05	ND	ND	N/A	535.90	
	07/10/2006	592.95	56.89	ND	ND	N/A	536.06	
	07/17/2006	592.95	56.81	ND	ND	N/A	536.14	
	07/24/2006	592.95	DRY	DRY	DRY	DRY	DRY	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-84 [R]	07/31/2006	592.95	55.45	ND	ND	N/A	537.50	
	08/14/2006	592.95	56.50	ND	ND	N/A	536.45	
	08/28/2006	592.95	57.15	ND	ND	N/A	535.80	
	09/11/2006	592.95	37.98	ND	ND	N/A	554.97	
	09/25/2006	592.95	38.61	ND	ND	N/A	554.34	
	10/09/2006	592.95	40.23	ND	ND	N/A	552.72	
	10/23/2006	592.95	38.04	ND	ND	N/A	554.91	
	11/06/2006	592.95	37.95	ND	ND	N/A	555.00	
	11/20/2006	592.95	38.37	ND	ND	N/A	554.58	
	12/04/2006	592.95	35.34	ND	ND	N/A	557.61	
	12/18/2006	592.95	34.52	ND	ND	N/A	558.43	
	01/02/2007	592.95	57.53	ND	ND	N/A	535.42	
	01/15/2007	592.95	DRY	DRY	DRY	DRY	DRY	
	01/29/2007	592.95	40.30	ND	ND	N/A	552.65	
	02/12/2007	592.95	59.13	ND	ND	N/A	533.82	
	02/27/2007	592.95	57.63	ND	ND	N/A	535.32	
	03/12/2007	592.95	57.76	ND	ND	N/A	535.19	
	03/26/2007	592.95	57.68	ND	ND	N/A	535.27	
	04/09/2007	592.95	57.09	ND	ND	N/A	535.86	
	05/07/2007	592.95	33.50	ND	ND	N/A	559.45	
	06/04/2007	592.95	44.01	ND	ND	N/A	548.94	
	07/02/2007	592.95	57.31	ND	ND	N/A	535.64	
	08/13/2007	592.95	59.35	ND	ND	N/A	533.60	
	09/10/2007	592.95	56.89	ND	ND	N/A	536.06	
	10/08/2007	592.95	51.48	ND	ND	N/A	541.47	
	12/03/2007	592.95	25.85	ND	ND	N/A	567.10	
	01/07/2008	592.95	32.34	ND	ND	N/A	560.61	
	02/05/2008	592.95	32.00	ND	ND	N/A	560.95	
	03/11/2008	592.95	56.62	ND	ND	N/A	536.33	
	04/22/2008	592.95	57.41	ND	ND	N/A	535.54	
	05/13/2008	592.95	57.00	ND	ND	N/A	535.95	
	06/10/2008	592.95	56.80	ND	ND	N/A	536.15	
	07/23/2008	592.95	57.10	ND	ND	N/A	535.85	
	08/13/2008	592.95	56.90	ND	ND	N/A	536.05	
	09/16/2008	592.95	57.47	ND	ND	N/A	535.48	
	10/15/2008	592.95	56.91	ND	ND	N/A	536.04	
	11/19/2008	592.95	57.32	ND	ND	N/A	535.63	
	12/09/2008	592.95	56.96	ND	ND	N/A	535.99	
	01/21/2009	592.95	56.79	ND	ND	N/A	536.16	
	02/16/2009	592.95	56.78	ND	ND	N/A	536.17	
	03/06/2009	592.95	57.53	ND	ND	N/A	535.42	
	04/14/2009	592.95	57.32	ND	ND	N/A	535.63	
	05/08/2009	592.95	57.36	ND	ND	N/A	535.59	
	06/03/2009	592.95	57.37	ND	ND	N/A	535.58	
	07/02/2009	592.95	56.85	ND	ND	N/A	536.10	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-84 [R]	08/06/2009	592.95	56.24	ND	ND	N/A	536.71	
	09/02/2009	592.95	56.05	ND	ND	N/A	536.90	
	10/06/2009	592.95	56.32	ND	ND	N/A	536.63	
	11/05/2009	592.95	56.27	ND	ND	N/A	536.68	
	12/03/2009	592.95	51.95	ND	ND	N/A	541.00	
	01/07/2010	592.95	56.26	ND	ND	N/A	536.69	
	02/04/2010	592.95	56.44	ND	ND	N/A	536.51	
	03/02/2010	592.95	51.44	ND	ND	N/A	541.51	
	04/07/2010	592.95	51.65	ND	ND	N/A	541.30	
	05/05/2010	592.95	50.96	ND	ND	N/A	541.99	
	06/02/2010	592.95	56.33	ND	ND	N/A	536.62	
	07/07/2010	592.95	55.68	ND	ND	N/A	537.27	
	08/05/2010	592.95	54.45	ND	ND	N/A	538.50	
	09/01/2010	592.95	56.77	ND	ND	N/A	536.18	
	10/07/2010	592.95	55.52	ND	ND	N/A	537.43	
	11/03/2010	592.95	56.13	ND	ND	N/A	536.82	
	12/02/2010	592.95	56.05	ND	ND	N/A	536.90	
	01/06/2011	592.95	56.45	ND	ND	N/A	536.50	
	02/03/2011	592.95	56.50	ND	ND	N/A	536.45	
	03/08/2011	592.95	56.28	ND	ND	N/A	536.67	
	04/07/2011	592.95	51.35	ND	ND	N/A	541.60	
	05/04/2011	592.95	51.23	ND	ND	N/A	541.72	
	06/02/2011	592.95	56.36	ND	ND	N/A	536.59	
	07/06/2011	592.95	56.41	ND	ND	N/A	536.54	

Table 11
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Inactive Exxon Facility #28077
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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-84P	03/29/2006	593.13	41.96	ND	ND	N/A	551.17	
	03/30/2006	593.13	41.91	ND	ND	N/A	551.22	
	03/31/2006	593.13	43.65	ND	ND	N/A	549.48	
	04/01/2006	593.13	44.12	ND	ND	N/A	549.01	
	04/02/2006	593.13	44.32	ND	ND	N/A	548.81	
	04/03/2006	593.13	44.23	ND	ND	N/A	548.90	
	04/04/2006	593.13	44.28	ND	ND	N/A	548.85	
	04/05/2006	593.13	43.01	ND	ND	N/A	550.12	
	04/06/2006	593.13	46.11	ND	ND	N/A	547.02	
	04/07/2006	593.13	44.24	ND	ND	N/A	548.89	
	04/09/2006	593.13	43.55	ND	ND	N/A	549.58	
	04/10/2006	593.13	45.21	ND	ND	N/A	547.92	
	04/11/2006	593.13	45.81	ND	ND	N/A	547.32	
	04/12/2006	593.13	45.61	ND	ND	N/A	547.52	
	04/13/2006	593.13	46.19	ND	ND	N/A	546.94	
	04/14/2006	593.13	46.46	ND	ND	N/A	546.67	
	04/17/2006	593.13	47.21	ND	ND	N/A	545.92	
	04/18/2006	593.13	46.82	ND	ND	N/A	546.31	
	04/19/2006	593.13	45.90	ND	ND	N/A	547.23	
	04/21/2006	593.13	45.54	ND	ND	N/A	547.59	
	04/24/2006	593.13	47.07	ND	ND	N/A	546.06	
	04/26/2006	593.13	45.35	ND	ND	N/A	547.78	
	04/28/2006	593.13	47.05	ND	ND	N/A	546.08	
	05/01/2006	593.13	47.23	ND	ND	N/A	545.90	
	05/08/2006	593.13	46.86	ND	ND	N/A	546.27	
	05/15/2006	593.13	46.75	ND	ND	N/A	546.38	
	05/22/2006	593.13	46.67	ND	ND	N/A	546.46	
	05/30/2006	593.13	47.37	ND	ND	N/A	545.76	
	06/05/2006	593.13	47.33	ND	ND	N/A	545.80	
	06/12/2006	593.13	47.57	ND	ND	N/A	545.56	
	06/19/2006	593.13	47.84	ND	ND	N/A	545.29	
	06/26/2006	593.13	47.04	ND	ND	N/A	546.09	
	07/03/2006	593.13	45.70	ND	ND	N/A	547.43	
	07/05/2006	593.13	45.56	ND	ND	N/A	547.57	
	07/10/2006	593.13	47.03	ND	ND	N/A	546.10	
	07/17/2006	593.13	45.76	ND	ND	N/A	547.37	
	07/24/2006	593.13	45.51	ND	ND	N/A	547.62	
	07/31/2006	593.13	46.36	ND	ND	N/A	546.77	
	08/14/2006	593.13	47.07	ND	ND	N/A	546.06	
	08/29/2006	593.13	46.35	ND	ND	N/A	546.78	
	09/11/2006	593.13	45.71	ND	ND	N/A	547.42	
	09/25/2006	593.13	44.68	ND	ND	N/A	548.45	
	10/09/2006	593.13	44.80	ND	ND	N/A	548.33	
	10/23/2006	593.13	44.51	ND	ND	N/A	548.62	
	11/06/2006	593.13	44.21	ND	ND	N/A	548.92	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-84P	11/20/2006	593.13	44.52	ND	ND	N/A	548.61	
	12/04/2006	593.13	43.94	ND	ND	N/A	549.19	
	12/18/2006	593.13	43.90	ND	ND	N/A	549.23	
	01/02/2007	593.13	45.73	ND	ND	N/A	547.40	
	01/15/2007	593.13	44.42	ND	ND	N/A	548.71	
	01/29/2007	593.13	45.22	ND	ND	N/A	547.91	
	02/12/2007	593.13	86.71	ND	ND	N/A	506.42	
	02/27/2007	593.13	46.80	ND	ND	N/A	546.33	
	03/12/2007	593.13	45.67	ND	ND	N/A	547.46	
	03/26/2007	593.13	45.75	ND	ND	N/A	547.38	
	04/09/2007	593.13	45.88	ND	ND	N/A	547.25	
	05/07/2007	593.13	44.51	ND	ND	N/A	548.62	
	06/04/2007	593.13	43.66	ND	ND	N/A	549.47	
	07/02/2007	593.13	46.20	ND	ND	N/A	546.93	
	08/13/2007	593.13	46.88	ND	ND	N/A	546.25	
	09/10/2007	593.13	46.75	ND	ND	N/A	546.38	
	10/08/2007	593.13	47.65	ND	ND	N/A	545.48	
	11/05/2007	593.13	45.95	ND	ND	N/A	547.18	
	12/03/2007	593.13	46.50	ND	ND	N/A	546.63	
	01/07/2008	593.13	44.28	ND	ND	N/A	548.85	
	02/05/2008	593.13	44.09	ND	ND	N/A	549.04	
	03/11/2008	593.13	45.95	ND	ND	N/A	547.18	
	04/22/2008	593.13	46.67	ND	ND	N/A	546.46	
	05/13/2008	593.13	44.75	ND	ND	N/A	548.38	
	06/09/2008	593.13	44.53	ND	ND	N/A	548.60	
	07/23/2008	593.13	45.02	ND	ND	N/A	548.11	
	08/13/2008	593.13	45.08	ND	ND	N/A	548.05	
	09/16/2008	593.13	45.32	ND	ND	N/A	547.81	
	10/15/2008	593.13	44.86	ND	ND	N/A	548.27	
	11/19/2008	593.13	45.42	ND	ND	N/A	547.71	
	12/09/2008	593.13	44.92	ND	ND	N/A	548.21	
	01/21/2009	593.13	44.87	ND	ND	N/A	548.26	
	02/16/2009	593.13	44.92	ND	ND	N/A	548.21	
	03/05/2009	593.13	45.05	ND	ND	N/A	548.08	
	04/14/2009	593.13	43.73	ND	ND	N/A	549.40	
	05/08/2009	593.13	45.00	ND	ND	N/A	548.13	
	06/02/2009	593.13	45.29	ND	ND	N/A	547.84	
	07/01/2009	593.13	45.20	ND	ND	N/A	547.93	
	08/05/2009	593.13	45.36	ND	ND	N/A	547.77	
	09/02/2009	593.13	45.75	ND	ND	N/A	547.38	
	10/01/2009	593.13	45.07	ND	ND	N/A	548.06	
	11/04/2009	593.13	44.51	ND	ND	N/A	548.62	
	12/03/2009	593.13	43.90	ND	ND	N/A	549.23	
	01/07/2010	593.13	43.80	ND	ND	N/A	549.33	
	02/04/2010	593.13	43.44	ND	ND	N/A	549.69	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-84P	03/02/2010	593.13	43.39	ND	ND	N/A	549.74	
	04/07/2010	593.13	42.45	ND	ND	N/A	550.68	
	05/05/2010	593.13	40.48	ND	ND	N/A	552.65	
	06/02/2010	593.13	43.29	ND	ND	N/A	549.84	
	07/07/2010	593.13	43.80	ND	ND	N/A	549.33	
	08/05/2010	593.13	44.23	ND	ND	N/A	548.90	
	09/01/2010	593.13	44.94	ND	ND	N/A	548.19	
	10/07/2010	593.13	45.38	ND	ND	N/A	547.75	
	11/03/2010	593.13	44.90	ND	ND	N/A	548.23	
	12/02/2010	593.13	45.75	ND	ND	N/A	547.38	
	01/06/2011	593.13	46.50	ND	ND	N/A	546.63	
	02/03/2011	593.13	44.79	ND	ND	N/A	548.34	
	03/03/2011	593.13	43.63	ND	ND	N/A	549.50	
	04/07/2011	593.13	46.97	ND	ND	N/A	546.16	
	04/26/2011	593.13	45.63	ND	ND	N/A	547.50	
	05/04/2011	593.13	45.74	ND	ND	N/A	547.39	
	05/20/2011	593.13	43.72	ND	ND	N/A	549.41	
	06/02/2011	593.13	45.60	ND	ND	N/A	547.53	
	07/06/2011	593.13	46.05	ND	ND	N/A	547.08	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-85 [R]	03/18/2006	591.65	40.60	ND	ND	N/A	551.05	
	03/21/2006	591.65	40.22	ND	ND	N/A	551.43	
	03/23/2006	591.65	40.40	ND	ND	N/A	551.25	
	03/24/2006	591.65	40.74	ND	ND	N/A	550.91	
	03/25/2006	591.65	40.53	ND	ND	N/A	551.12	
	03/26/2006	591.65	40.41	ND	ND	N/A	551.24	
	03/27/2006	591.65	40.18	ND	ND	N/A	551.47	
	03/28/2006	591.65	40.31	ND	ND	N/A	551.34	
	03/29/2006	591.65	40.32	ND	ND	N/A	551.33	
	03/30/2006	591.65	40.30	ND	ND	N/A	551.35	
	03/31/2006	591.65	40.62	ND	ND	N/A	551.03	
	04/01/2006	591.65	40.90	ND	ND	N/A	550.75	
	04/02/2006	591.65	41.07	ND	ND	N/A	550.58	
	04/06/2006	591.65	39.01	ND	ND	N/A	552.64	
	04/07/2006	591.65	38.04	ND	ND	N/A	553.61	
	04/09/2006	591.65	41.21	ND	ND	N/A	550.44	
	04/10/2006	591.65	39.02	ND	ND	N/A	552.63	
	04/11/2006	591.65	38.75	ND	ND	N/A	552.90	
	04/12/2006	591.65	38.70	ND	ND	N/A	552.95	
	04/13/2006	591.65	38.80	ND	ND	N/A	552.85	
	04/14/2006	591.65	38.85	ND	ND	N/A	552.80	
	04/17/2006	591.65	39.31	ND	ND	N/A	552.34	
	04/18/2006	591.65	41.51	ND	ND	N/A	550.14	
	04/19/2006	591.65	39.85	ND	ND	N/A	551.80	
	04/21/2006	591.65	39.37	ND	ND	N/A	552.28	
	04/24/2006	591.65	35.09	ND	ND	N/A	556.56	
	04/26/2006	591.65	42.08	ND	ND	N/A	549.57	
	04/28/2006	591.65	42.36	ND	ND	N/A	549.29	
	05/01/2006	591.65	42.49	ND	ND	N/A	549.16	
	05/08/2006	591.65	52.31	ND	ND	N/A	539.34	
	05/15/2006	591.65	53.02	ND	ND	N/A	538.63	
	05/22/2006	591.65	52.63	ND	ND	N/A	539.02	
	05/30/2006	591.65	52.50	ND	ND	N/A	539.15	
	06/05/2006	591.65	52.65	ND	ND	N/A	539.00	
	06/19/2006	591.65	52.49	ND	ND	N/A	539.16	
	07/05/2006	591.65	53.06	ND	ND	N/A	538.59	
	07/10/2006	591.65	52.85	ND	ND	N/A	538.80	
	07/17/2006	591.65	53.29	ND	ND	N/A	538.36	
	07/24/2006	591.65	49.84	ND	ND	N/A	541.81	
	07/31/2006	591.65	53.04	ND	ND	N/A	538.61	
	08/14/2006	591.65	53.19	ND	ND	N/A	538.46	
	08/28/2006	591.65	53.65	ND	ND	N/A	538.00	
	09/11/2006	591.65	53.31	ND	ND	N/A	538.34	
	09/25/2006	591.65	53.11	ND	ND	N/A	538.54	
	10/09/2006	591.65	53.61	ND	ND	N/A	538.04	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-85 [R]	10/23/2006	591.65	37.13	ND	ND	N/A	554.52	
	11/06/2006	591.65	54.14	ND	ND	N/A	537.51	
	11/20/2006	591.65	53.47	ND	ND	N/A	538.18	
	12/04/2006	591.65	53.31	ND	ND	N/A	538.34	
	12/18/2006	591.65	34.50	ND	ND	N/A	557.15	
	01/02/2007	591.65	DRY	DRY	DRY	DRY	DRY	
	01/15/2007	591.65	53.08	ND	ND	N/A	538.57	
	01/29/2007	591.65	53.33	ND	ND	N/A	538.32	
	02/12/2007	591.65	52.87	ND	ND	N/A	538.78	
	02/27/2007	591.65	53.72	ND	ND	N/A	537.93	
	03/12/2007	591.65	53.82	ND	ND	N/A	537.83	
	03/26/2007	591.65	53.14	ND	ND	N/A	538.51	
	04/09/2007	591.65	55.34	ND	ND	N/A	536.31	
	05/07/2007	591.65	51.93	ND	ND	N/A	539.72	
	06/04/2007	591.65	42.75	ND	ND	N/A	548.90	
	07/02/2007	591.65	53.75	ND	ND	N/A	537.90	
	08/13/2007	591.65	52.11	ND	ND	N/A	539.54	
	09/10/2007	591.65	33.53	ND	ND	N/A	558.12	
	10/08/2007	591.65	58.14	ND	ND	N/A	533.51	
	11/05/2007	591.65	42.82	ND	ND	N/A	548.83	
	12/03/2007	591.65	42.44	ND	ND	N/A	549.21	
	01/07/2008	591.65	51.62	ND	ND	N/A	540.03	
	02/05/2008	591.65	51.85	ND	ND	N/A	539.80	
	03/11/2008	591.65	51.48	ND	ND	N/A	540.17	
	04/22/2008	591.65	50.96	ND	ND	N/A	540.69	
	05/13/2008	591.65	50.81	ND	ND	N/A	540.84	
	06/10/2008	591.65	51.00	ND	ND	N/A	540.65	
	07/23/2008	591.65	48.62	ND	ND	N/A	543.03	
	08/13/2008	591.65	42.00	ND	ND	N/A	549.65	
	09/16/2008	591.65	49.92	ND	ND	N/A	541.73	
	10/15/2008	591.65	50.47	ND	ND	N/A	541.18	
	11/19/2008	591.65	50.42	ND	ND	N/A	541.23	
	12/09/2008	591.65	50.98	ND	ND	N/A	540.67	
	01/21/2009	591.65	42.41	ND	ND	N/A	549.24	
	02/16/2009	591.65	50.42	ND	ND	N/A	541.23	
	03/06/2009	591.65	51.25	ND	ND	N/A	540.40	
	04/14/2009	591.65	51.40	ND	ND	N/A	540.25	
	05/08/2009	591.65	51.00	ND	ND	N/A	540.65	
	06/03/2009	591.65	50.69	ND	ND	N/A	540.96	
	07/02/2009	591.65	50.26	ND	ND	N/A	541.39	
	08/06/2009	591.65	50.69	ND	ND	N/A	540.96	
	09/02/2009	591.65	50.47	ND	ND	N/A	541.18	
	10/06/2009	591.65	50.71	ND	ND	N/A	540.94	
	11/05/2009	591.65	50.52	ND	ND	N/A	541.13	
	12/03/2009	591.65	48.76	ND	ND	N/A	542.89	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-85 [R]	01/07/2010	591.65	50.24	ND	ND	N/A	541.41	
	02/04/2010	591.65	50.18	ND	ND	N/A	541.47	
	03/02/2010	591.65	50.70	ND	ND	N/A	540.95	
	04/07/2010	591.65	51.10	ND	ND	N/A	540.55	
	05/05/2010	591.65	50.29	ND	ND	N/A	541.36	
	06/02/2010	591.65	51.26	ND	ND	N/A	540.39	
	07/07/2010	591.65	50.90	ND	ND	N/A	540.75	
	08/05/2010	591.65	51.75	ND	ND	N/A	539.90	
	09/01/2010	591.65	51.30	ND	ND	N/A	540.35	
	10/07/2010	591.65	51.74	ND	ND	N/A	539.91	
	11/02/2010	591.65	51.30	ND	ND	N/A	540.35	
	12/02/2010	591.65	50.82	ND	ND	N/A	540.83	
	01/06/2011	591.65	51.28	ND	ND	N/A	540.37	
	02/03/2011	591.65	50.73	ND	ND	N/A	540.92	
	03/08/2011	591.65	50.69	ND	ND	N/A	540.96	
	04/07/2011	591.65	51.20	ND	ND	N/A	540.45	
	05/04/2011	591.65	51.07	ND	ND	N/A	540.58	
	06/02/2011	591.65	51.11	ND	ND	N/A	540.54	
	07/06/2011	591.65	50.59	ND	ND	N/A	541.06	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-85P	03/27/2006	591.17	39.78	ND	ND	N/A	551.39	
	03/28/2006	591.17	39.97	ND	ND	N/A	551.20	
	03/29/2006	591.17	39.89	ND	ND	N/A	551.28	
	03/30/2006	591.17	39.81	ND	ND	N/A	551.36	
	03/31/2006	591.17	39.93	ND	ND	N/A	551.24	
	04/01/2006	591.17	40.09	ND	ND	N/A	551.08	
	04/02/2006	591.17	42.60	ND	ND	N/A	548.57	
	04/03/2006	591.17	40.28	ND	ND	N/A	550.89	
	04/04/2006	591.17	40.56	ND	ND	N/A	550.61	
	04/05/2006	591.17	40.60	ND	ND	N/A	550.57	
	04/06/2006	591.17	40.97	ND	ND	N/A	550.20	
	04/07/2006	591.17	40.89	ND	ND	N/A	550.28	
	04/08/2006	591.17	40.74	ND	ND	N/A	550.43	
	04/09/2006	591.17	40.59	ND	ND	N/A	550.58	
	04/10/2006	591.17	40.51	ND	ND	N/A	550.66	
	04/11/2006	591.17	40.54	ND	ND	N/A	550.63	
	04/12/2006	591.17	40.47	ND	ND	N/A	550.70	
	04/13/2006	591.17	40.54	ND	ND	N/A	550.63	
	04/14/2006	591.17	40.46	ND	ND	N/A	550.71	
	04/17/2006	591.17	40.59	ND	ND	N/A	550.58	
	04/18/2006	591.17	40.50	ND	ND	N/A	550.67	
	04/19/2006	591.17	40.50	ND	ND	N/A	550.67	
	04/21/2006	591.17	40.57	ND	ND	N/A	550.60	
	04/24/2006	591.17	44.45	ND	ND	N/A	546.72	
	04/26/2006	591.17	40.79	ND	ND	N/A	550.38	
	04/28/2006	591.17	40.60	ND	ND	N/A	550.57	
	05/01/2006	591.17	40.83	ND	ND	N/A	550.34	
	05/08/2006	591.17	41.29	ND	ND	N/A	549.88	
	05/15/2006	591.17	41.47	ND	ND	N/A	549.70	
	05/22/2006	591.17	41.61	ND	ND	N/A	549.56	
	05/30/2006	591.17	41.86	ND	ND	N/A	549.31	
	06/05/2006	591.17	42.17	ND	ND	N/A	549.00	
	06/12/2006	591.17	42.17	ND	ND	N/A	549.00	
	06/19/2006	591.17	42.41	ND	ND	N/A	548.76	
	06/26/2006	591.17	42.32	ND	ND	N/A	548.85	
	07/03/2006	591.17	41.42	ND	ND	N/A	549.75	
	07/05/2006	591.17	41.40	ND	ND	N/A	549.77	
	07/10/2006	591.17	41.38	ND	ND	N/A	549.79	
	07/17/2006	591.17	41.26	ND	ND	N/A	549.91	
	07/24/2006	591.17	41.24	ND	ND	N/A	549.93	
	07/31/2006	591.17	41.45	ND	ND	N/A	549.72	
	08/14/2006	591.17	41.28	ND	ND	N/A	549.89	
	08/29/2006	591.17	41.59	ND	ND	N/A	549.58	
	09/11/2006	591.17	41.01	ND	ND	N/A	550.16	
	09/25/2006	591.17	41.26	ND	ND	N/A	549.91	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-85P	10/09/2006	591.17	40.97	ND	ND	N/A	550.20	
	10/23/2006	591.17	40.37	ND	ND	N/A	550.80	
	11/06/2006	591.17	40.49	ND	ND	N/A	550.68	
	11/20/2006	591.17	40.21	ND	ND	N/A	550.96	
	12/04/2006	591.17	40.26	ND	ND	N/A	550.91	
	12/18/2006	591.17	39.98	ND	ND	N/A	551.19	
	01/02/2007	591.17	40.23	ND	ND	N/A	550.94	
	01/15/2007	591.17	40.17	ND	ND	N/A	551.00	
	01/29/2007	591.17	40.75	ND	ND	N/A	550.42	
	02/12/2007	591.17	41.35	ND	ND	N/A	549.82	
	02/27/2007	591.17	47.15	ND	ND	N/A	544.02	
	03/12/2007	591.17	41.02	ND	ND	N/A	550.15	
	03/26/2007	591.17	40.40	ND	ND	N/A	550.77	
	04/09/2007	591.17	41.08	ND	ND	N/A	550.09	
	05/07/2007	591.17	41.10	ND	ND	N/A	550.07	
	06/04/2007	591.17	40.98	ND	ND	N/A	550.19	
	07/02/2007	591.17	41.44	ND	ND	N/A	549.73	
	08/13/2007	591.17	41.79	ND	ND	N/A	549.38	
	09/10/2007	591.17	41.01	ND	ND	N/A	550.16	
	10/08/2007	591.17	42.09	ND	ND	N/A	549.08	
	11/05/2007	591.17	41.03	ND	ND	N/A	550.14	
	12/03/2007	591.17	41.20	ND	ND	N/A	549.97	
	01/07/2008	591.17	40.67	ND	ND	N/A	550.50	
	02/05/2008	591.17	40.76	ND	ND	N/A	550.41	
	03/11/2008	591.17	40.90	ND	ND	N/A	550.27	
	04/22/2008	591.17	40.97	ND	ND	N/A	550.20	
	05/13/2008	591.17	40.35	ND	ND	N/A	550.82	
	06/09/2008	591.17	40.18	ND	ND	N/A	550.99	
	07/23/2008	591.17	40.45	ND	ND	N/A	550.72	
	08/13/2008	591.17	40.25	ND	ND	N/A	550.92	
	09/16/2008	591.17	40.50	ND	ND	N/A	550.67	
	10/15/2008	591.17	40.60	ND	ND	N/A	550.57	
	11/19/2008	591.17	40.70	ND	ND	N/A	550.47	
	12/09/2008	591.17	40.75	ND	ND	N/A	550.42	
	01/21/2009	591.17	40.59	ND	ND	N/A	550.58	
	02/16/2009	591.17	41.19	ND	ND	N/A	549.98	
	03/05/2009	591.17	41.08	ND	ND	N/A	550.09	
	04/14/2009	591.17	40.41	ND	ND	N/A	550.76	
	05/08/2009	591.17	40.18	ND	ND	N/A	550.99	
	06/02/2009	591.17	40.93	ND	ND	N/A	550.24	
	07/01/2009	591.17	40.70	ND	ND	N/A	550.47	
	08/05/2009	591.17	40.85	ND	ND	N/A	550.32	
	09/02/2009	591.17	40.95	ND	ND	N/A	550.22	
	10/01/2009	591.17	40.51	ND	ND	N/A	550.66	
	11/04/2009	591.17	40.09	ND	ND	N/A	551.08	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-85P	12/03/2009	591.17	39.85	ND	ND	N/A	551.32	
	01/07/2010	591.17	39.81	ND	ND	N/A	551.36	
	02/04/2010	591.17	39.73	ND	ND	N/A	551.44	
	03/02/2010	591.17	39.64	ND	ND	N/A	551.53	
	04/07/2010	591.17	39.08	ND	ND	N/A	552.09	
	05/05/2010	591.17	39.08	ND	ND	N/A	552.09	
	06/02/2010	591.17	39.80	ND	ND	N/A	551.37	
	07/07/2010	591.17	40.47	ND	ND	N/A	550.70	
	08/05/2010	591.17	40.62	ND	ND	N/A	550.55	
	09/01/2010	591.17	41.06	ND	ND	N/A	550.11	
	10/07/2010	591.17	40.52	ND	ND	N/A	550.65	
	11/02/2010	591.17	40.87	ND	ND	N/A	550.30	
	12/02/2010	591.17	41.25	ND	ND	N/A	549.92	
	01/06/2011	591.17	41.00	ND	ND	N/A	550.17	
	02/03/2011	591.17	41.87	ND	ND	N/A	549.30	
	03/03/2011	591.17	42.53	ND	ND	N/A	548.64	
	04/07/2011	591.17	40.36	ND	ND	N/A	550.81	
	04/26/2011	591.17	40.37	ND	ND	N/A	550.80	
	05/04/2011	591.17	39.14	ND	ND	N/A	552.03	
	05/20/2011	591.17	39.88	ND	ND	N/A	551.29	
	06/02/2011	591.17	40.64	ND	ND	N/A	550.53	
	07/06/2011	591.17	46.97	ND	ND	N/A	544.20	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-86	03/18/2006	591.05	39.17	ND	ND	N/A	551.88	
	03/21/2006	591.05	39.52	ND	ND	N/A	551.53	
	03/23/2006	591.05	39.52	ND	ND	N/A	551.53	
	03/24/2006	591.05	39.63	ND	ND	N/A	551.42	
	03/25/2006	591.05	40.70	ND	ND	N/A	550.35	
	03/26/2006	591.05	39.73	ND	ND	N/A	551.32	
	03/27/2006	591.05	39.72	ND	ND	N/A	551.33	
	03/28/2006	591.05	39.74	ND	ND	N/A	551.31	
	03/29/2006	591.05	39.78	ND	ND	N/A	551.27	
	03/30/2006	591.05	39.79	ND	ND	N/A	551.26	
	03/31/2006	591.05	39.89	ND	ND	N/A	551.16	
	04/01/2006	591.05	39.95	ND	ND	N/A	551.10	
	04/02/2006	591.05	40.15	ND	ND	N/A	550.90	
	04/03/2006	591.05	40.12	ND	ND	N/A	550.93	
	04/04/2006	591.05	40.13	ND	ND	N/A	550.92	
	04/05/2006	591.05	40.31	ND	ND	N/A	550.74	
	04/06/2006	591.05	40.33	ND	ND	N/A	550.72	
	04/07/2006	591.05	40.39	ND	ND	N/A	550.66	
	04/09/2006	591.05	40.61	ND	ND	N/A	550.44	
	04/10/2006	591.05	40.59	ND	ND	N/A	550.46	
	04/11/2006	591.05	40.70	ND	ND	N/A	550.35	
	04/12/2006	591.05	40.69	ND	ND	N/A	550.36	
	04/13/2006	591.05	40.69	ND	ND	N/A	550.36	
	04/14/2006	591.05	40.64	ND	ND	N/A	550.41	
	04/17/2006	591.05	40.71	ND	ND	N/A	550.34	
	04/18/2006	591.05	40.58	ND	ND	N/A	550.47	
	04/19/2006	591.05	40.74	ND	ND	N/A	550.31	
	04/21/2006	591.05	40.80	ND	ND	N/A	550.25	
	04/24/2006	591.05	40.97	ND	ND	N/A	550.08	
	04/26/2006	591.05	40.98	ND	ND	N/A	550.07	
	04/28/2006	591.05	40.81	ND	ND	N/A	550.24	
	05/01/2006	591.05	41.03	ND	ND	N/A	550.02	
	05/08/2006	591.05	41.33	ND	ND	N/A	549.72	
	05/15/2006	591.05	41.52	ND	ND	N/A	549.53	
	05/22/2006	591.05	41.49	ND	ND	N/A	549.56	
	05/30/2006	591.05	41.77	ND	ND	N/A	549.28	
	06/05/2006	591.05	42.12	ND	ND	N/A	548.93	
	06/12/2006	591.05	42.13	ND	ND	N/A	548.92	
	06/19/2006	591.05	41.08	ND	ND	N/A	549.97	
	06/26/2006	591.05	38.92	ND	ND	N/A	552.13	
	07/03/2006	591.05	48.47	ND	ND	N/A	542.58	
	07/05/2006	591.05	41.49	ND	ND	N/A	549.56	
	07/10/2006	591.05	41.17	ND	ND	N/A	549.88	
	07/17/2006	591.05	39.00	ND	ND	N/A	552.05	
	07/24/2006	591.05	37.29	ND	ND	N/A	553.76	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-86	07/31/2006	591.05	37.25	ND	ND	N/A	553.80	
	08/14/2006	591.05	34.00	ND	ND	N/A	557.05	
	08/29/2006	591.05	37.40	ND	ND	N/A	553.65	
	09/11/2006	591.05	40.00	ND	ND	N/A	551.05	
	10/09/2006	591.05	40.74	ND	ND	N/A	550.31	
	10/23/2006	591.05	40.05	ND	ND	N/A	551.00	
	11/06/2006	591.05	40.61	ND	ND	N/A	550.44	
	11/20/2006	591.05	40.32	ND	ND	N/A	550.73	
	12/04/2006	591.05	40.40	ND	ND	N/A	550.65	
	12/18/2006	591.05	40.18	ND	ND	N/A	550.87	
	01/02/2007	591.05	40.37	ND	ND	N/A	550.68	
	01/15/2007	591.05	40.35	ND	ND	N/A	550.70	
	01/29/2007	591.05	40.90	ND	ND	N/A	550.15	
	02/12/2007	591.05	41.29	ND	ND	N/A	549.76	
	02/27/2007	591.05	41.49	ND	ND	N/A	549.56	
	03/26/2007	591.05	40.65	ND	ND	N/A	550.40	
	04/09/2007	591.05	41.28	ND	ND	N/A	549.77	
	05/07/2007	591.05	41.18	ND	ND	N/A	549.87	
	06/04/2007	591.05	41.10	ND	ND	N/A	549.95	
	07/02/2007	591.05	41.57	ND	ND	N/A	549.48	
	08/13/2007	591.05	41.26	ND	ND	N/A	549.79	
	09/10/2007	591.05	41.29	ND	ND	N/A	549.76	
	10/08/2007	591.05	42.21	ND	ND	N/A	548.84	
	11/05/2007	591.05	41.40	ND	ND	N/A	549.65	
	12/03/2007	591.05	42.15	ND	ND	N/A	548.90	
	01/07/2008	591.05	40.92	ND	ND	N/A	550.13	
	02/05/2008	591.05	40.90	ND	ND	N/A	550.15	
	03/11/2008	591.05	41.10	ND	ND	N/A	549.95	
	04/22/2008	591.05	41.40	ND	ND	N/A	549.65	
	05/13/2008	591.05	40.48	ND	ND	N/A	550.57	
	06/09/2008	591.05	40.35	ND	ND	N/A	550.70	
	07/23/2008	591.05	40.86	ND	ND	N/A	550.19	
	08/13/2008	591.05	40.57	ND	ND	N/A	550.48	
	09/16/2008	591.05	40.76	ND	ND	N/A	550.29	
	10/15/2008	591.05	40.87	ND	ND	N/A	550.18	
	11/19/2008	591.05	40.95	ND	ND	N/A	550.10	
	12/09/2008	591.05	41.00	ND	ND	N/A	550.05	
	01/21/2009	591.05	40.81	ND	ND	N/A	550.24	
	02/16/2009	591.05	41.20	ND	ND	N/A	549.85	
	03/05/2009	591.05	41.32	ND	ND	N/A	549.73	
	04/14/2009	591.05	40.64	ND	ND	N/A	550.41	
	05/08/2009	591.05	40.41	ND	ND	N/A	550.64	
	06/02/2009	591.05	41.14	ND	ND	N/A	549.91	
	07/01/2009	591.05	40.96	ND	ND	N/A	550.09	
	08/05/2009	591.05	41.12	ND	ND	N/A	549.93	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-86	09/02/2009	591.05	41.16	ND	ND	N/A	549.89	
	10/01/2009	591.05	40.77	ND	ND	N/A	550.28	
	11/04/2009	591.05	40.41	ND	ND	N/A	550.64	
	12/03/2009	591.05	40.31	ND	ND	N/A	550.74	
	01/07/2010	591.05	40.05	ND	ND	N/A	551.00	
	02/04/2010	591.05	39.90	ND	ND	N/A	551.15	
	03/02/2010	591.05	39.88	ND	ND	N/A	551.17	
	04/07/2010	591.05	39.24	ND	ND	N/A	551.81	
	05/05/2010	591.05	39.27	ND	ND	N/A	551.78	
	06/02/2010	591.05	39.98	ND	ND	N/A	551.07	
	07/07/2010	591.05	40.63	ND	ND	N/A	550.42	
	08/05/2010	591.05	40.91	ND	ND	N/A	550.14	
	09/01/2010	591.05	41.31	ND	ND	N/A	549.74	
	10/07/2010	591.05	40.75	ND	ND	N/A	550.30	
	11/03/2010	591.05	41.18	ND	ND	N/A	549.87	
	12/02/2010	591.05	41.60	ND	ND	N/A	549.45	
	01/06/2011	591.05	41.69	ND	ND	N/A	549.36	
	02/03/2011	591.05	42.60	ND	ND	N/A	548.45	
	03/03/2011	591.05	43.10	ND	ND	N/A	547.95	
	04/07/2011	591.05	40.73	ND	ND	N/A	550.32	
	04/26/2011	591.05	40.75	ND	ND	N/A	550.30	
	05/04/2011	591.05	40.79	ND	ND	N/A	550.26	
	05/20/2011	591.05	39.95	ND	ND	N/A	551.10	
	06/02/2011	591.05	41.00	ND	ND	N/A	550.05	
	07/06/2011	591.05	41.05	ND	ND	N/A	550.00	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-86P	03/27/2006	590.86	39.05	ND	ND	N/A	551.81	
	03/28/2006	590.86	39.79	ND	ND	N/A	551.07	
	03/29/2006	590.86	39.17	ND	ND	N/A	551.69	
	03/30/2006	590.86	39.19	ND	ND	N/A	551.67	
	03/31/2006	590.86	39.44	ND	ND	N/A	551.42	
	04/01/2006	590.86	39.38	ND	ND	N/A	551.48	
	04/02/2006	590.86	39.56	ND	ND	N/A	551.30	
	04/03/2006	590.86	39.52	ND	ND	N/A	551.34	
	04/04/2006	590.86	39.50	ND	ND	N/A	551.36	
	04/05/2006	590.86	39.75	ND	ND	N/A	551.11	
	04/06/2006	590.86	39.69	ND	ND	N/A	551.17	
	04/07/2006	590.86	39.80	ND	ND	N/A	551.06	
	04/09/2006	590.86	40.05	ND	ND	N/A	550.81	
	04/10/2006	590.86	40.05	ND	ND	N/A	550.81	
	04/11/2006	590.86	40.15	ND	ND	N/A	550.71	
	04/12/2006	590.86	40.13	ND	ND	N/A	550.73	
	04/13/2006	590.86	40.13	ND	ND	N/A	550.73	
	04/14/2006	590.86	39.99	ND	ND	N/A	550.87	
	04/17/2006	590.86	40.10	ND	ND	N/A	550.76	
	04/18/2006	590.86	39.92	ND	ND	N/A	550.94	
	04/19/2006	590.86	40.10	ND	ND	N/A	550.76	
	04/21/2006	590.86	40.17	ND	ND	N/A	550.69	
	04/24/2006	590.86	40.36	ND	ND	N/A	550.50	
	04/26/2006	590.86	40.38	ND	ND	N/A	550.48	
	04/28/2006	590.86	40.11	ND	ND	N/A	550.75	
	05/01/2006	590.86	40.40	ND	ND	N/A	550.46	
	05/08/2006	590.86	40.71	ND	ND	N/A	550.15	
	05/15/2006	590.86	40.88	ND	ND	N/A	549.98	
	05/22/2006	590.86	41.00	ND	ND	N/A	549.86	
	05/30/2006	590.86	41.11	ND	ND	N/A	549.75	
	06/05/2006	590.86	41.51	ND	ND	N/A	549.35	
	06/12/2006	590.86	41.45	ND	ND	N/A	549.41	
	06/19/2006	590.86	41.80	ND	ND	N/A	549.06	
	06/26/2006	590.86	41.89	ND	ND	N/A	548.97	
	07/03/2006	590.86	40.81	ND	ND	N/A	550.05	
	07/05/2006	590.86	40.82	ND	ND	N/A	550.04	
	07/10/2006	590.86	40.80	ND	ND	N/A	550.06	
	07/17/2006	590.86	40.42	ND	ND	N/A	550.44	
	07/24/2006	590.86	40.56	ND	ND	N/A	550.30	
	07/31/2006	590.86	40.69	ND	ND	N/A	550.17	
	08/14/2006	590.86	40.62	ND	ND	N/A	550.24	
	08/29/2006	590.86	40.87	ND	ND	N/A	549.99	
	09/11/2006	590.86	40.33	ND	ND	N/A	550.53	
	09/25/2006	590.86	40.66	ND	ND	N/A	550.20	
	10/09/2006	590.86	40.38	ND	ND	N/A	550.48	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-86P	10/23/2006	590.86	39.99	ND	ND	N/A	550.87	
	11/06/2006	590.86	39.90	ND	ND	N/A	550.96	
	11/20/2006	590.86	39.62	ND	ND	N/A	551.24	
	12/04/2006	590.86	39.74	ND	ND	N/A	551.12	
	12/18/2006	590.86	39.49	ND	ND	N/A	551.37	
	01/02/2007	590.86	39.72	ND	ND	N/A	551.14	
	01/15/2007	590.86	39.62	ND	ND	N/A	551.24	
	01/29/2007	590.86	40.22	ND	ND	N/A	550.64	
	02/12/2007	590.86	40.57	ND	ND	N/A	550.29	
	02/27/2007	590.86	40.80	ND	ND	N/A	550.06	
	03/12/2007	590.86	40.58	ND	ND	N/A	550.28	
	03/26/2007	590.86	39.89	ND	ND	N/A	550.97	
	04/09/2007	590.86	40.53	ND	ND	N/A	550.33	
	05/07/2007	590.86	40.42	ND	ND	N/A	550.44	
	06/04/2007	590.86	40.41	ND	ND	N/A	550.45	
	07/02/2007	590.86	40.87	ND	ND	N/A	549.99	
	08/13/2007	590.86	41.98	ND	ND	N/A	548.88	
	09/10/2007	590.86	40.63	ND	ND	N/A	550.23	
	10/08/2007	590.86	41.53	ND	ND	N/A	549.33	
	11/05/2007	590.86	40.56	ND	ND	N/A	550.30	
	12/03/2007	590.86	41.86	ND	ND	N/A	549.00	
	01/07/2008	590.86	40.21	ND	ND	N/A	550.65	
	02/05/2008	590.86	40.19	ND	ND	N/A	550.67	
	03/11/2008	590.86	40.35	ND	ND	N/A	550.51	
	04/22/2008	590.86	40.66	ND	ND	N/A	550.20	
	05/13/2008	590.86	39.86	ND	ND	N/A	551.00	
	06/09/2008	590.86	39.71	ND	ND	N/A	551.15	
	07/23/2008	590.86	40.05	ND	ND	N/A	550.81	
	08/13/2008	590.86	39.92	ND	ND	N/A	550.94	
	09/16/2008	590.86	40.07	ND	ND	N/A	550.79	
	10/15/2008	590.86	41.19	ND	ND	N/A	549.67	
	11/19/2008	590.86	40.27	ND	ND	N/A	550.59	
	12/09/2008	590.86	40.31	ND	ND	N/A	550.55	
	01/21/2009	590.86	40.04	ND	ND	N/A	550.82	
	02/16/2009	590.86	40.51	ND	ND	N/A	550.35	
	03/05/2009	590.86	40.65	ND	ND	N/A	550.21	
	04/14/2009	590.86	39.98	ND	ND	N/A	550.88	
	05/08/2009	590.86	39.65	ND	ND	N/A	551.21	
	06/02/2009	590.86	40.45	ND	ND	N/A	550.41	
	07/01/2009	590.86	40.29	ND	ND	N/A	550.57	
	08/05/2009	590.86	40.42	ND	ND	N/A	550.44	
	09/02/2009	590.86	40.45	ND	ND	N/A	550.41	
	10/01/2009	590.86	40.05	ND	ND	N/A	550.81	
	11/04/2009	590.86	39.77	ND	ND	N/A	551.09	
	12/03/2009	590.86	39.60	ND	ND	N/A	551.26	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-86P	01/07/2010	590.86	39.38	ND	ND	N/A	551.48	
	02/04/2010	590.86	39.25	ND	ND	N/A	551.61	
	03/02/2010	590.86	39.23	ND	ND	N/A	551.63	
	04/07/2010	590.86	38.65	ND	ND	N/A	552.21	
	05/05/2010	590.86	38.74	ND	ND	N/A	552.12	
	06/02/2010	590.86	39.33	ND	ND	N/A	551.53	
	07/07/2010	590.86	39.95	ND	ND	N/A	550.91	
	08/05/2010	590.86	40.24	ND	ND	N/A	550.62	
	09/01/2010	590.86	40.62	ND	ND	N/A	550.24	
	10/07/2010	590.86	40.00	ND	ND	N/A	550.86	
	11/03/2010	590.86	40.45	ND	ND	N/A	550.41	
	12/02/2010	590.86	41.89	ND	ND	N/A	548.97	
	01/06/2011	590.86	41.38	ND	ND	N/A	549.48	
	02/03/2011	590.86	41.51	ND	ND	N/A	549.35	
	03/03/2011	590.86	41.31	ND	ND	N/A	549.55	
	04/07/2011	590.86	39.92	ND	ND	N/A	550.94	
	04/26/2011	590.86	39.89	ND	ND	N/A	550.97	
	05/04/2011	590.86	38.98	ND	ND	N/A	551.88	
	05/20/2011	590.86	39.35	ND	ND	N/A	551.51	
	06/02/2011	590.86	40.17	ND	ND	N/A	550.69	
	07/06/2011	590.86	40.31	ND	ND	N/A	550.55	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-87 [R]	03/18/2006	590.96	49.34	ND	ND	N/A	541.62	
	03/21/2006	590.96	39.48	ND	ND	N/A	551.48	
	03/23/2006	590.96	45.65	ND	ND	N/A	545.31	
	03/24/2006	590.96	40.51	ND	ND	N/A	550.45	
	03/25/2006	590.96	39.40	ND	ND	N/A	551.56	
	03/26/2006	590.96	39.29	ND	ND	N/A	551.67	
	03/27/2006	590.96	39.35	ND	ND	N/A	551.61	
	03/28/2006	590.96	39.32	ND	ND	N/A	551.64	
	03/29/2006	590.96	39.34	ND	ND	N/A	551.62	
	03/30/2006	590.96	39.36	ND	ND	N/A	551.60	
	03/31/2006	590.96	39.39	ND	ND	N/A	551.57	
	04/01/2006	590.96	39.33	ND	ND	N/A	551.63	
	04/02/2006	590.96	39.39	ND	ND	N/A	551.57	
	04/03/2006	590.96	39.41	ND	ND	N/A	551.55	
	04/04/2006	590.96	39.41	ND	ND	N/A	551.55	
	04/05/2006	590.96	39.45	ND	ND	N/A	551.51	
	04/06/2006	590.96	44.48	ND	ND	N/A	546.48	
	04/07/2006	590.96	40.33	ND	ND	N/A	550.63	
	04/09/2006	590.96	39.57	ND	ND	N/A	551.39	
	04/10/2006	590.96	39.55	ND	ND	N/A	551.41	
	04/11/2006	590.96	39.65	ND	ND	N/A	551.31	
	04/12/2006	590.96	39.63	ND	ND	N/A	551.33	
	04/13/2006	590.96	39.65	ND	ND	N/A	551.31	
	04/14/2006	590.96	39.72	ND	ND	N/A	551.24	
	04/17/2006	590.96	39.56	ND	ND	N/A	551.40	
	04/18/2006	590.96	39.68	ND	ND	N/A	551.28	
	04/19/2006	590.96	43.90	ND	ND	N/A	547.06	
	04/21/2006	590.96	39.95	ND	ND	N/A	551.01	
	04/24/2006	590.96	39.26	ND	ND	N/A	551.70	
	04/26/2006	590.96	39.80	ND	ND	N/A	551.16	
	04/28/2006	590.96	39.86	ND	ND	N/A	551.10	
	05/01/2006	590.96	39.91	ND	ND	N/A	551.05	
	05/08/2006	590.96	40.02	ND	ND	N/A	550.94	
	05/15/2006	590.96	40.11	ND	ND	N/A	550.85	
	05/22/2006	590.96	40.24	ND	ND	N/A	550.72	
	05/30/2006	590.96	40.24	ND	ND	N/A	550.72	
	06/05/2006	590.96	40.30	ND	ND	N/A	550.66	
	06/12/2006	590.96	40.46	ND	ND	N/A	550.50	
	06/19/2006	590.96	40.46	ND	ND	N/A	550.50	
	07/03/2006	590.96	40.44	ND	ND	N/A	550.52	
	07/05/2006	590.96	40.42	ND	ND	N/A	550.54	
	07/10/2006	590.96	40.35	ND	ND	N/A	550.61	
	07/17/2006	590.96	40.35	ND	ND	N/A	550.61	
	07/24/2006	590.96	40.15	ND	ND	N/A	550.81	
	07/31/2006	590.96	39.84	ND	ND	N/A	551.12	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-87 [R]	08/14/2006	590.96	39.72	ND	ND	N/A	551.24	
	08/29/2006	590.96	39.86	ND	ND	N/A	551.10	
	09/11/2006	590.96	39.80	ND	ND	N/A	551.16	
	09/25/2006	590.96	39.73	ND	ND	N/A	551.23	
	10/09/2006	590.96	39.88	ND	ND	N/A	551.08	
	10/24/2006	590.96	59.81	ND	ND	N/A	531.15	
	11/06/2006	590.96	39.81	ND	ND	N/A	551.15	
	11/20/2006	590.96	39.81	ND	ND	N/A	551.15	
	12/04/2006	590.96	39.48	ND	ND	N/A	551.48	
	12/18/2006	590.96	39.21	ND	ND	N/A	551.75	
	01/02/2007	590.96	39.12	ND	ND	N/A	551.84	
	01/15/2007	590.96	39.16	ND	ND	N/A	551.80	
	01/29/2007	590.96	39.45	ND	ND	N/A	551.51	
	02/12/2007	590.96	39.59	ND	ND	N/A	551.37	
	02/27/2007	590.96	39.81	ND	ND	N/A	551.15	
	03/12/2007	590.96	39.77	ND	ND	N/A	551.19	
	03/26/2007	590.96	39.32	ND	ND	N/A	551.64	
	04/09/2007	590.96	39.33	ND	ND	N/A	551.63	
	05/07/2007	590.96	39.21	ND	ND	N/A	551.75	
	06/04/2007	590.96	39.21	ND	ND	N/A	551.75	
	08/13/2007	590.96	40.10	ND	ND	N/A	550.86	
	09/10/2007	590.96	40.29	ND	ND	N/A	550.67	
	10/08/2007	590.96	39.06	ND	ND	N/A	551.90	
	11/05/2007	590.96	45.64	ND	ND	N/A	545.32	
	12/03/2007	590.96	26.68	ND	ND	N/A	564.28	
	01/07/2008	590.96	40.65	ND	ND	N/A	550.31	
	02/05/2008	590.96	54.20	ND	ND	N/A	536.76	
	03/11/2008	590.96	54.65	ND	ND	N/A	536.31	
	04/22/2008	590.96	46.94	ND	ND	N/A	544.02	
	05/13/2008	590.96	54.58	ND	ND	N/A	536.38	
	06/11/2008	590.96	40.31	ND	ND	N/A	550.65	Bad Regulator
	07/23/2008	590.96	40.10	ND	ND	N/A	550.86	
	08/13/2008	590.96	39.57	ND	ND	N/A	551.39	
	09/16/2008	590.96	54.61	ND	ND	N/A	536.35	
	10/15/2008	590.96	54.64	ND	ND	N/A	536.32	
	11/19/2008	590.96	55.38	ND	ND	N/A	535.58	
	12/09/2008	590.96	52.65	ND	ND	N/A	538.31	
	01/21/2009	590.96	53.45	ND	ND	N/A	537.51	
	02/16/2009	590.96	53.66	ND	ND	N/A	537.30	
	03/06/2009	590.96	54.80	ND	ND	N/A	536.16	
	04/14/2009	590.96	54.59	ND	ND	N/A	536.37	
	05/08/2009	590.96	54.35	ND	ND	N/A	536.61	
	06/03/2009	590.96	53.71	ND	ND	N/A	537.25	
	07/02/2009	590.96	53.71	ND	ND	N/A	537.25	
	08/06/2009	590.96	53.30	ND	ND	N/A	537.66	

Table 11

Near Northeast Area Monitoring Well Gauging Data

Inactive Exxon Facility #28077

14258 Jarrettsville Pike

Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-87 [R]	09/02/2009	590.96	53.82	ND	ND	N/A	537.14	
	10/06/2009	590.96	53.76	ND	ND	N/A	537.20	
	11/05/2009	590.96	53.69	ND	ND	N/A	537.27	
	12/03/2009	590.96	53.65	ND	ND	N/A	537.31	
	01/07/2010	590.96	53.75	ND	ND	N/A	537.21	
	02/04/2010	590.96	54.82	ND	ND	N/A	536.14	
	03/02/2010	590.96	53.62	ND	ND	N/A	537.34	
	04/07/2010	590.96	53.54	ND	ND	N/A	537.42	
	05/05/2010	590.96	52.98	ND	ND	N/A	537.98	
	06/02/2010	590.96	53.66	ND	ND	N/A	537.30	
	07/07/2010	590.96	53.71	ND	ND	N/A	537.25	
	08/05/2010	590.96	53.78	ND	ND	N/A	537.18	
	09/01/2010	590.96	53.98	ND	ND	N/A	536.98	
	10/07/2010	590.96	53.80	ND	ND	N/A	537.16	
	11/03/2010	590.96	53.62	ND	ND	N/A	537.34	
	12/02/2010	590.96	53.48	ND	ND	N/A	537.48	
	01/06/2011	590.96	53.87	ND	ND	N/A	537.09	
	02/03/2011	590.96	53.84	ND	ND	N/A	537.12	
	03/08/2011	590.96	53.81	ND	ND	N/A	537.15	
	04/07/2011	590.96	53.55	ND	ND	N/A	537.41	
	05/04/2011	590.96	53.36	ND	ND	N/A	537.60	
	06/02/2011	590.96	53.80	ND	ND	N/A	537.16	
	07/06/2011	590.96	54.56	ND	ND	N/A	536.40	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-87P	03/27/2006	590.62	39.11	ND	ND	N/A	551.51	
	03/28/2006	590.62	39.08	ND	ND	N/A	551.54	
	03/29/2006	590.62	39.08	ND	ND	N/A	551.54	
	03/30/2006	590.62	39.09	ND	ND	N/A	551.53	
	03/31/2006	590.62	39.12	ND	ND	N/A	551.50	
	04/01/2006	590.62	39.04	ND	ND	N/A	551.58	
	04/02/2006	590.62	39.14	ND	ND	N/A	551.48	
	04/03/2006	590.62	39.12	ND	ND	N/A	551.50	
	04/04/2006	590.62	39.12	ND	ND	N/A	551.50	
	04/05/2006	590.62	39.19	ND	ND	N/A	551.43	
	04/06/2006	590.62	39.26	ND	ND	N/A	551.36	
	04/07/2006	590.62	39.23	ND	ND	N/A	551.39	
	04/08/2006	590.62	39.05	ND	ND	N/A	551.57	
	04/09/2006	590.62	39.30	ND	ND	N/A	551.32	
	04/10/2006	590.62	39.27	ND	ND	N/A	551.35	
	04/11/2006	590.62	39.37	ND	ND	N/A	551.25	
	04/12/2006	590.62	39.35	ND	ND	N/A	551.27	
	04/13/2006	590.62	39.36	ND	ND	N/A	551.26	
	04/14/2006	590.62	39.42	ND	ND	N/A	551.20	
	04/17/2006	590.62	39.36	ND	ND	N/A	551.26	
	04/18/2006	590.62	39.39	ND	ND	N/A	551.23	
	04/19/2006	590.62	39.50	ND	ND	N/A	551.12	
	04/21/2006	590.62	39.55	ND	ND	N/A	551.07	
	04/24/2006	590.62	39.43	ND	ND	N/A	551.19	
	04/26/2006	590.62	39.51	ND	ND	N/A	551.11	
	04/28/2006	590.62	39.54	ND	ND	N/A	551.08	
	05/01/2006	590.62	39.57	ND	ND	N/A	551.05	
	05/08/2006	590.62	39.70	ND	ND	N/A	550.92	
	05/15/2006	590.62	39.76	ND	ND	N/A	550.86	
	05/22/2006	590.62	39.85	ND	ND	N/A	550.77	
	05/30/2006	590.62	39.88	ND	ND	N/A	550.74	
	06/05/2006	590.62	39.97	ND	ND	N/A	550.65	
	06/12/2006	590.62	40.11	ND	ND	N/A	550.51	
	06/19/2006	590.62	40.14	ND	ND	N/A	550.48	
	06/26/2006	590.62	40.34	ND	ND	N/A	550.28	
	07/03/2006	590.62	40.14	ND	ND	N/A	550.48	
	07/05/2006	590.62	40.08	ND	ND	N/A	550.54	
	07/10/2006	590.62	40.03	ND	ND	N/A	550.59	
	07/17/2006	590.62	40.00	ND	ND	N/A	550.62	
	07/24/2006	590.62	39.87	ND	ND	N/A	550.75	
	07/31/2006	590.62	39.55	ND	ND	N/A	551.07	
	08/14/2006	590.62	39.44	ND	ND	N/A	551.18	
	08/29/2006	590.62	39.58	ND	ND	N/A	551.04	
	09/11/2006	590.62	39.53	ND	ND	N/A	551.09	
	09/25/2006	590.62	39.50	ND	ND	N/A	551.12	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-87P	10/09/2006	590.62	39.60	ND	ND	N/A	551.02	
	10/23/2006	590.62	39.57	ND	ND	N/A	551.05	
	11/06/2006	590.62	39.61	ND	ND	N/A	551.01	
	11/20/2006	590.62	39.52	ND	ND	N/A	551.10	
	12/04/2006	590.62	39.27	ND	ND	N/A	551.35	
	12/18/2006	590.62	39.09	ND	ND	N/A	551.53	
	01/02/2007	590.62	39.10	ND	ND	N/A	551.52	
	01/15/2007	590.62	39.07	ND	ND	N/A	551.55	
	01/29/2007	590.62	39.30	ND	ND	N/A	551.32	
	02/12/2007	590.62	39.45	ND	ND	N/A	551.17	
	02/27/2007	590.62	39.54	ND	ND	N/A	551.08	
	03/12/2007	590.62	39.56	ND	ND	N/A	551.06	
	03/26/2007	590.62	39.30	ND	ND	N/A	551.32	
	04/09/2007	590.62	39.08	ND	ND	N/A	551.54	
	05/07/2007	590.62	39.15	ND	ND	N/A	551.47	
	06/04/2007	590.62	39.13	ND	ND	N/A	551.49	
	07/02/2007	590.62	34.56	ND	ND	N/A	556.06	
	08/13/2007	590.62	40.01	ND	ND	N/A	550.61	
	09/10/2007	590.62	40.14	ND	ND	N/A	550.48	
	10/08/2007	590.62	40.36	ND	ND	N/A	550.26	
	11/05/2007	590.62	40.42	ND	ND	N/A	550.20	
	12/03/2007	590.62	40.40	ND	ND	N/A	550.22	
	01/07/2008	590.62	40.45	ND	ND	N/A	550.17	
	02/05/2008	590.62	40.91	ND	ND	N/A	549.71	
	03/11/2008	590.62	40.98	ND	ND	N/A	549.64	
	04/22/2008	590.62	40.60	ND	ND	N/A	550.02	
	05/13/2008	590.62	40.25	ND	ND	N/A	550.37	
	06/09/2008	590.62	39.77	ND	ND	N/A	550.85	
	07/23/2008	590.62	39.59	ND	ND	N/A	551.03	
	08/13/2008	590.62	39.59	ND	ND	N/A	551.03	
	09/16/2008	590.62	40.01	ND	ND	N/A	550.61	
	10/15/2008	590.62	40.10	ND	ND	N/A	550.52	
	11/19/2008	590.62	40.36	ND	ND	N/A	550.26	
	12/09/2008	590.62	40.48	ND	ND	N/A	550.14	
	01/21/2009	590.62	40.50	ND	ND	N/A	550.12	
	02/16/2009	590.62	40.55	ND	ND	N/A	550.07	
	03/05/2009	590.62	40.63	ND	ND	N/A	549.99	
	04/14/2009	590.62	40.27	ND	ND	N/A	550.35	
	05/08/2009	590.62	40.22	ND	ND	N/A	550.40	
	06/02/2009	590.62	40.18	ND	ND	N/A	550.44	
	07/01/2009	590.62	39.76	ND	ND	N/A	550.86	
	08/05/2009	590.62	39.74	ND	ND	N/A	550.88	
	09/02/2009	590.62	39.84	ND	ND	N/A	550.78	
	10/01/2009	590.62	39.57	ND	ND	N/A	551.05	
	11/04/2009	590.62	39.64	ND	ND	N/A	550.98	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-87P	12/03/2009	590.62	38.95	ND	ND	N/A	551.67	
	01/07/2010	590.62	38.50	ND	ND	N/A	552.12	
	02/04/2010	590.62	38.34	ND	ND	N/A	552.28	
	03/02/2010	590.62	38.41	ND	ND	N/A	552.21	
	04/07/2010	590.62	37.80	ND	ND	N/A	552.82	
	05/05/2010	590.62	38.20	ND	ND	N/A	552.42	
	06/02/2010	590.62	38.70	ND	ND	N/A	551.92	
	07/07/2010	590.62	39.19	ND	ND	N/A	551.43	
	08/05/2010	590.62	39.46	ND	ND	N/A	551.16	
	09/01/2010	590.62	39.81	ND	ND	N/A	550.81	
	10/07/2010	590.62	40.09	ND	ND	N/A	550.53	
	11/03/2010	590.62	40.22	ND	ND	N/A	550.40	
	12/02/2010	590.62	40.31	ND	ND	N/A	550.31	
	01/06/2011	590.62	40.49	ND	ND	N/A	550.13	
	02/03/2011	590.62	40.75	ND	ND	N/A	549.87	
	03/03/2011	590.62	40.46	ND	ND	N/A	550.16	
	04/07/2011	590.62	39.07	ND	ND	N/A	551.55	
	04/26/2011	590.62	38.99	ND	ND	N/A	551.63	
	05/04/2011	590.62	38.55	ND	ND	N/A	552.07	
	05/20/2011	590.62	38.87	ND	ND	N/A	551.75	
	06/02/2011	590.62	38.93	ND	ND	N/A	551.69	
	07/06/2011	590.62	38.94	ND	ND	N/A	551.68	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-88	03/18/2006	592.43	40.24	ND	ND	N/A	552.19	
	03/19/2006	592.43	40.34	ND	ND	N/A	552.09	
	03/20/2006	592.43	40.13	ND	ND	N/A	552.30	
	03/21/2006	592.43	39.94	ND	ND	N/A	552.49	
	03/23/2006	592.43	39.87	ND	ND	N/A	552.56	
	03/24/2006	592.43	40.05	ND	ND	N/A	552.38	
	03/25/2006	592.43	39.91	ND	ND	N/A	552.52	
	03/26/2006	592.43	39.81	ND	ND	N/A	552.62	
	03/27/2006	592.43	39.73	ND	ND	N/A	552.70	
	03/28/2006	592.43	39.65	ND	ND	N/A	552.78	
	03/30/2006	592.43	39.66	ND	ND	N/A	552.77	
	03/31/2006	592.43	39.82	ND	ND	N/A	552.61	
	04/01/2006	592.43	40.50	ND	ND	N/A	551.93	
	04/02/2006	592.43	40.47	ND	ND	N/A	551.96	
	04/03/2006	592.43	40.41	ND	ND	N/A	552.02	
	04/04/2006	592.43	40.51	ND	ND	N/A	551.92	
	04/05/2006	592.43	40.54	ND	ND	N/A	551.89	
	04/06/2006	592.43	40.62	ND	ND	N/A	551.81	
	04/07/2006	592.43	40.63	ND	ND	N/A	551.80	
	04/09/2006	592.43	39.85	ND	ND	N/A	552.58	
	04/10/2006	592.43	40.79	ND	ND	N/A	551.64	
	04/11/2006	592.43	40.96	ND	ND	N/A	551.47	
	04/12/2006	592.43	40.98	ND	ND	N/A	551.45	
	04/13/2006	592.43	41.13	ND	ND	N/A	551.30	
	04/14/2006	592.43	41.23	ND	ND	N/A	551.20	
	04/17/2006	592.43	41.65	ND	ND	N/A	550.78	
	04/18/2006	592.43	41.75	ND	ND	N/A	550.68	
	04/19/2006	592.43	41.63	ND	ND	N/A	550.80	
	04/21/2006	592.43	41.92	ND	ND	N/A	550.51	
	04/24/2006	592.43	42.07	ND	ND	N/A	550.36	
	04/26/2006	592.43	42.13	ND	ND	N/A	550.30	
	04/28/2006	592.43	42.18	ND	ND	N/A	550.25	
	05/01/2006	592.43	42.36	ND	ND	N/A	550.07	
	05/08/2006	592.43	42.71	ND	ND	N/A	549.72	
	05/15/2006	592.43	43.00	ND	ND	N/A	549.43	
	05/22/2006	592.43	43.18	ND	ND	N/A	549.25	
	05/30/2006	592.43	43.40	ND	ND	N/A	549.03	
	06/05/2006	592.43	43.88	ND	ND	N/A	548.55	
	06/12/2006	592.43	43.74	ND	ND	N/A	548.69	
	06/19/2006	592.43	43.80	ND	ND	N/A	548.63	
	06/26/2006	592.43	43.90	ND	ND	N/A	548.53	
	07/03/2006	592.43	43.21	ND	ND	N/A	549.22	
	07/05/2006	592.43	42.97	ND	ND	N/A	549.46	
	07/10/2006	592.43	42.70	ND	ND	N/A	549.73	
	07/17/2006	592.43	42.00	ND	ND	N/A	550.43	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-88	07/24/2006	592.43	41.79	ND	ND	N/A	550.64	
	07/31/2006	592.43	42.30	ND	ND	N/A	550.13	
	08/14/2006	592.43	42.82	ND	ND	N/A	549.61	
	08/29/2006	592.43	43.16	ND	ND	N/A	549.27	
	09/11/2006	592.43	43.12	ND	ND	N/A	549.31	
	09/25/2006	592.43	43.20	ND	ND	N/A	549.23	
	10/09/2006	592.43	43.18	ND	ND	N/A	549.25	
	10/23/2006	592.43	42.93	ND	ND	N/A	549.50	
	11/06/2006	592.43	42.94	ND	ND	N/A	549.49	
	11/20/2006	592.43	42.76	ND	ND	N/A	549.67	
	12/04/2006	592.43	42.31	ND	ND	N/A	550.12	
	12/18/2006	592.43	42.21	ND	ND	N/A	550.22	
	01/02/2007	592.43	42.61	ND	ND	N/A	549.82	
	01/15/2007	592.43	42.60	ND	ND	N/A	549.83	
	01/29/2007	592.43	42.53	ND	ND	N/A	549.90	
	02/12/2007	592.43	43.05	ND	ND	N/A	549.38	
	02/27/2007	592.43	43.24	ND	ND	N/A	549.19	
	03/12/2007	592.43	43.28	ND	ND	N/A	549.15	
	03/26/2007	592.43	43.28	ND	ND	N/A	549.15	
	04/09/2007	592.43	43.38	ND	ND	N/A	549.05	
	05/07/2007	592.43	42.91	ND	ND	N/A	549.52	
	06/04/2007	592.43	DRY	DRY	DRY	DRY	DRY	
	07/02/2007	592.43	43.36	ND	ND	N/A	549.07	
	08/13/2007	592.43	43.87	ND	ND	N/A	548.56	
	09/10/2007	592.43	43.65	ND	ND	N/A	548.78	
	10/08/2007	592.43	44.03	ND	ND	N/A	548.40	
	11/05/2007	592.43	43.86	ND	ND	N/A	548.57	
	12/03/2007	592.43	48.90	ND	ND	N/A	543.53	
	01/07/2008	592.43	43.25	ND	ND	N/A	549.18	
	02/05/2008	592.43	42.92	ND	ND	N/A	549.51	
	03/11/2008	592.43	43.37	ND	ND	N/A	549.06	
	04/22/2008	592.43	43.15	ND	ND	N/A	549.28	
	05/13/2008	592.43	42.51	ND	ND	N/A	549.92	
	06/09/2008	592.43	42.08	ND	ND	N/A	550.35	
	07/23/2008	592.43	42.10	ND	ND	N/A	550.33	
	08/13/2008	592.43	42.15	ND	ND	N/A	550.28	
	09/16/2008	592.43	42.63	ND	ND	N/A	549.80	
	10/15/2008	592.43	42.61	ND	ND	N/A	549.82	
	11/19/2008	592.43	42.81	ND	ND	N/A	549.62	
	12/09/2008	592.43	42.94	ND	ND	N/A	549.49	
	01/21/2009	592.43	42.70	ND	ND	N/A	549.73	
	02/16/2009	592.43	42.82	ND	ND	N/A	549.61	
	03/05/2009	592.43	42.87	ND	ND	N/A	549.56	
	04/14/2009	592.43	42.22	ND	ND	N/A	550.21	
	05/08/2009	592.43	42.49	ND	ND	N/A	549.94	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-88	06/02/2009	592.43	43.25	ND	ND	N/A	549.18	
	07/01/2009	592.43	42.76	ND	ND	N/A	549.67	
	08/05/2009	592.43	42.10	ND	ND	N/A	550.33	
	09/02/2009	592.43	43.26	ND	ND	N/A	549.17	
	10/01/2009	592.43	42.88	ND	ND	N/A	549.55	
	11/04/2009	592.43	42.54	ND	ND	N/A	549.89	
	12/03/2009	592.43	41.69	ND	ND	N/A	550.74	
	01/07/2010	592.43	41.44	ND	ND	N/A	550.99	
	02/04/2010	592.43	40.98	ND	ND	N/A	551.45	
	03/02/2010	592.43	41.15	ND	ND	N/A	551.28	
	04/07/2010	592.43	39.64	ND	ND	N/A	552.79	
	05/05/2010	592.43	39.25	ND	ND	N/A	553.18	
	06/02/2010	592.43	40.97	ND	ND	N/A	551.46	
	07/07/2010	592.43	41.86	ND	ND	N/A	550.57	
	08/05/2010	592.43	42.43	ND	ND	N/A	550.00	
	09/01/2010	592.43	43.14	ND	ND	N/A	549.29	
	10/07/2010	592.43	43.38	ND	ND	N/A	549.05	
	11/03/2010	592.43	43.38	ND	ND	N/A	549.05	
	12/02/2010	592.43	43.78	ND	ND	N/A	548.65	
	01/06/2011	592.43	44.30	ND	ND	N/A	548.13	
	02/03/2011	592.43	45.60	ND	ND	N/A	546.83	
	03/03/2011	592.43	45.97	ND	ND	N/A	546.46	
	04/07/2011	592.43	44.40	ND	ND	N/A	548.03	
	04/26/2011	592.43	43.87	ND	ND	N/A	548.56	
	05/04/2011	592.43	43.76	ND	ND	N/A	548.67	
	05/20/2011	592.43	41.93	ND	ND	N/A	550.50	
	06/02/2011	592.43	43.26	ND	ND	N/A	549.17	
	07/06/2011	592.43	42.55	ND	ND	N/A	549.88	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-88P	03/29/2006	592.71	40.31	ND	ND	N/A	552.40	
	03/30/2006	592.71	40.30	ND	ND	N/A	552.41	
	03/31/2006	592.71	40.43	ND	ND	N/A	552.28	
	04/01/2006	592.71	40.66	ND	ND	N/A	552.05	
	04/02/2006	592.71	40.88	ND	ND	N/A	551.83	
	04/03/2006	592.71	40.87	ND	ND	N/A	551.84	
	04/04/2006	592.71	40.93	ND	ND	N/A	551.78	
	04/05/2006	592.71	40.99	ND	ND	N/A	551.72	
	04/06/2006	592.71	41.05	ND	ND	N/A	551.66	
	04/07/2006	592.71	41.07	ND	ND	N/A	551.64	
	04/08/2006	592.71	41.14	ND	ND	N/A	551.57	
	04/09/2006	592.71	41.29	ND	ND	N/A	551.42	
	04/10/2006	592.71	41.23	ND	ND	N/A	551.48	
	04/11/2006	592.71	41.39	ND	ND	N/A	551.32	
	04/12/2006	592.71	41.41	ND	ND	N/A	551.30	
	04/13/2006	592.71	41.51	ND	ND	N/A	551.20	
	04/14/2006	592.71	41.74	ND	ND	N/A	550.97	
	04/17/2006	592.71	42.00	ND	ND	N/A	550.71	
	04/18/2006	592.71	42.09	ND	ND	N/A	550.62	
	04/19/2006	592.71	42.06	ND	ND	N/A	550.65	
	04/21/2006	592.71	42.29	ND	ND	N/A	550.42	
	04/24/2006	592.71	42.41	ND	ND	N/A	550.30	
	04/26/2006	592.71	42.49	ND	ND	N/A	550.22	
	04/28/2006	592.71	42.54	ND	ND	N/A	550.17	
	05/01/2006	592.71	42.70	ND	ND	N/A	550.01	
	05/08/2006	592.71	43.05	ND	ND	N/A	549.66	
	05/15/2006	592.71	43.34	ND	ND	N/A	549.37	
	05/22/2006	592.71	43.56	ND	ND	N/A	549.15	
	05/30/2006	592.71	43.75	ND	ND	N/A	548.96	
	06/05/2006	592.71	43.92	ND	ND	N/A	548.79	
	06/12/2006	592.71	44.11	ND	ND	N/A	548.60	
	06/19/2006	592.71	44.17	ND	ND	N/A	548.54	
	06/26/2006	592.71	41.89	ND	ND	N/A	550.82	
	07/03/2006	592.71	43.64	ND	ND	N/A	549.07	
	07/05/2006	592.71	43.39	ND	ND	N/A	549.32	
	07/10/2006	592.71	43.13	ND	ND	N/A	549.58	
	07/17/2006	592.71	42.49	ND	ND	N/A	550.22	
	07/24/2006	592.71	42.27	ND	ND	N/A	550.44	
	07/31/2006	592.71	42.72	ND	ND	N/A	549.99	
	08/14/2006	592.71	43.21	ND	ND	N/A	549.50	
	08/29/2006	592.71	43.54	ND	ND	N/A	549.17	
	09/11/2006	592.71	43.47	ND	ND	N/A	549.24	
	09/25/2006	592.71	43.52	ND	ND	N/A	549.19	
	10/09/2006	592.71	43.55	ND	ND	N/A	549.16	
	10/23/2006	592.71	43.29	ND	ND	N/A	549.42	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-88P	11/06/2006	592.71	43.25	ND	ND	N/A	549.46	
	11/20/2006	592.71	43.13	ND	ND	N/A	549.58	
	12/04/2006	592.71	42.73	ND	ND	N/A	549.98	
	12/18/2006	592.71	42.57	ND	ND	N/A	550.14	
	01/02/2007	592.71	42.95	ND	ND	N/A	549.76	
	01/15/2007	592.71	42.94	ND	ND	N/A	549.77	
	01/29/2007	592.71	42.93	ND	ND	N/A	549.78	
	02/12/2007	592.71	43.43	ND	ND	N/A	549.28	
	02/27/2007	592.71	43.62	ND	ND	N/A	549.09	
	03/12/2007	592.71	46.64	ND	ND	N/A	546.07	
	03/26/2007	592.71	43.61	ND	ND	N/A	549.10	
	04/09/2007	592.71	43.65	ND	ND	N/A	549.06	
	05/07/2007	592.71	43.28	ND	ND	N/A	549.43	
	06/04/2007	592.71	42.94	ND	ND	N/A	549.77	
	07/02/2007	592.71	43.68	ND	ND	N/A	549.03	
	08/13/2007	592.71	44.20	ND	ND	N/A	548.51	
	09/10/2007	592.71	43.95	ND	ND	N/A	548.76	
	10/08/2007	592.71	44.35	ND	ND	N/A	548.36	
	11/05/2007	592.71	44.35	ND	ND	N/A	548.36	
	12/03/2007	592.71	44.14	ND	ND	N/A	548.57	
	01/07/2008	592.71	43.65	ND	ND	N/A	549.06	
	02/05/2008	592.71	43.27	ND	ND	N/A	549.44	
	03/11/2008	592.71	43.70	ND	ND	N/A	549.01	
	04/22/2008	592.71	43.53	ND	ND	N/A	549.18	
	05/13/2008	592.71	41.78	ND	ND	N/A	550.93	
	06/09/2008	592.71	42.49	ND	ND	N/A	550.22	
	07/23/2008	592.71	42.50	ND	ND	N/A	550.21	
	08/13/2008	592.71	42.51	ND	ND	N/A	550.20	
	09/16/2008	592.71	42.98	ND	ND	N/A	549.73	
	10/15/2008	592.71	42.98	ND	ND	N/A	549.73	
	11/19/2008	592.71	43.17	ND	ND	N/A	549.54	
	12/09/2008	592.71	44.41	ND	ND	N/A	548.30	
	01/21/2009	592.71	43.08	ND	ND	N/A	549.63	
	02/16/2009	592.71	43.23	ND	ND	N/A	549.48	
	03/05/2009	592.71	43.35	ND	ND	N/A	549.36	
	04/14/2009	592.71	42.57	ND	ND	N/A	550.14	
	05/08/2009	592.71	42.77	ND	ND	N/A	549.94	
	06/02/2009	592.71	43.63	ND	ND	N/A	549.08	
	07/01/2009	592.71	43.17	ND	ND	N/A	549.54	
	08/05/2009	592.71	43.44	ND	ND	N/A	549.27	
	09/02/2009	592.71	43.58	ND	ND	N/A	549.13	
	10/01/2009	592.71	43.24	ND	ND	N/A	549.47	
	11/04/2009	592.71	42.88	ND	ND	N/A	549.83	
	12/03/2009	592.71	42.14	ND	ND	N/A	550.57	
	01/07/2010	592.71	41.77	ND	ND	N/A	550.94	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-88P	02/04/2010	592.71	41.36	ND	ND	N/A	551.35	
	03/02/2010	592.71	41.52	ND	ND	N/A	551.19	
	04/07/2010	592.71	40.05	ND	ND	N/A	552.66	
	05/05/2010	592.71	39.65	ND	ND	N/A	553.06	
	06/02/2010	592.71	41.31	ND	ND	N/A	551.40	
	07/07/2010	592.71	42.21	ND	ND	N/A	550.50	
	08/05/2010	592.71	42.81	ND	ND	N/A	549.90	
	09/01/2010	592.71	43.47	ND	ND	N/A	549.24	
	10/07/2010	592.71	43.95	ND	ND	N/A	548.76	
	11/03/2010	592.71	43.69	ND	ND	N/A	549.02	
	12/02/2010	592.71	44.10	ND	ND	N/A	548.61	
	01/06/2011	592.71	44.08	ND	ND	N/A	548.63	
	02/03/2011	592.71	45.32	ND	ND	N/A	547.39	
	03/03/2011	592.71	46.98	ND	ND	N/A	545.73	
	04/07/2011	592.71	40.61	ND	ND	N/A	552.10	
	04/26/2011	592.71	44.17	ND	ND	N/A	548.54	
	05/04/2011	592.71	42.10	ND	ND	N/A	550.61	
	05/20/2011	592.71	42.30	ND	ND	N/A	550.41	
	06/02/2011	592.71	43.57	ND	ND	N/A	549.14	
	07/06/2011	592.71	43.82	ND	ND	N/A	548.89	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-89 [R]	03/18/2006	562.04	24.32	ND	ND	N/A	537.72	
	03/19/2006	562.04	24.42	ND	ND	N/A	537.62	
	03/20/2006	562.04	24.60	ND	ND	N/A	537.44	
	03/21/2006	562.04	24.67	ND	ND	N/A	537.37	
	03/22/2006	562.04	25.03	ND	ND	N/A	537.01	
	03/23/2006	562.04	25.29	ND	ND	N/A	536.75	
	03/24/2006	562.04	25.57	ND	ND	N/A	536.47	
	03/25/2006	562.04	25.91	ND	ND	N/A	536.13	
	03/26/2006	562.04	26.16	ND	ND	N/A	535.88	
	03/27/2006	562.04	26.43	ND	ND	N/A	535.61	
	03/28/2006	562.04	26.50	ND	ND	N/A	535.54	
	03/29/2006	562.04	26.84	ND	ND	N/A	535.20	
	03/30/2006	562.04	27.12	ND	ND	N/A	534.92	
	03/31/2006	562.04	27.31	ND	ND	N/A	534.73	
	04/01/2006	562.04	27.53	ND	ND	N/A	534.51	
	04/02/2006	562.04	27.76	ND	ND	N/A	534.28	
	04/03/2006	562.04	27.95	ND	ND	N/A	534.09	
	04/04/2006	562.04	28.20	ND	ND	N/A	533.84	
	04/05/2006	562.04	28.27	ND	ND	N/A	533.77	
	04/06/2006	562.04	28.55	ND	ND	N/A	533.49	
	04/07/2006	562.04	28.63	ND	ND	N/A	533.41	
	04/08/2006	562.04	28.79	ND	ND	N/A	533.25	
	04/09/2006	562.04	28.95	ND	ND	N/A	533.09	
	04/10/2006	562.04	29.08	ND	ND	N/A	532.96	
	04/11/2006	562.04	29.21	ND	ND	N/A	532.83	
	04/12/2006	562.04	29.34	ND	ND	N/A	532.70	
	04/13/2006	562.04	29.43	ND	ND	N/A	532.61	
	04/14/2006	562.04	29.33	ND	ND	N/A	532.71	
	04/17/2006	562.04	29.82	ND	ND	N/A	532.22	
	04/18/2006	562.04	30.01	ND	ND	N/A	532.03	
	04/19/2006	562.04	30.14	ND	ND	N/A	531.90	
	04/21/2006	562.04	30.88	ND	ND	N/A	531.16	
	04/24/2006	562.04	31.34	ND	ND	N/A	530.70	
	04/26/2006	562.04	30.82	ND	ND	N/A	531.22	
	04/28/2006	562.04	31.05	ND	ND	N/A	530.99	
	05/01/2006	562.04	31.43	ND	ND	N/A	530.61	
	05/08/2006	562.04	32.22	ND	ND	N/A	529.82	
	05/15/2006	562.04	32.80	ND	ND	N/A	529.24	
	05/22/2006	562.04	33.22	ND	ND	N/A	528.82	
	05/30/2006	562.04	33.58	ND	ND	N/A	528.46	
	06/05/2006	562.04	33.89	ND	ND	N/A	528.15	
	06/12/2006	562.04	33.91	ND	ND	N/A	528.13	
	06/19/2006	562.04	34.04	ND	ND	N/A	528.00	
	06/26/2006	562.04	33.90	ND	ND	N/A	528.14	
	07/01/2006	562.04	28.72	ND	ND	N/A	533.32	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-89 [R]	07/01/2006	562.04	28.58	ND	ND	N/A	533.46	
	07/03/2006	562.04	27.79	ND	ND	N/A	534.25	
	07/05/2006	562.04	27.37	ND	ND	N/A	534.67	
	07/06/2006	562.04	27.29	ND	ND	N/A	534.75	
	07/07/2006	562.04	27.52	ND	ND	N/A	534.52	
	07/10/2006	562.04	27.45	ND	ND	N/A	534.59	
	07/17/2006	562.04	28.00	ND	ND	N/A	534.04	
	07/24/2006	562.04	28.44	ND	ND	N/A	533.60	
	07/31/2006	562.04	28.76	ND	ND	N/A	533.28	
	08/14/2006	562.04	29.72	ND	ND	N/A	532.32	
	08/28/2006	562.04	31.18	ND	ND	N/A	530.86	
	09/11/2006	562.04	31.55	ND	ND	N/A	530.49	
	09/25/2006	562.04	30.45	ND	ND	N/A	531.59	
	10/09/2006	562.04	32.41	ND	ND	N/A	529.63	
	10/23/2006	562.04	32.78	ND	ND	N/A	529.26	
	11/06/2006	562.04	31.11	ND	ND	N/A	530.93	
	11/20/2006	562.04	29.70	ND	ND	N/A	532.34	
	12/04/2006	562.04	28.34	ND	ND	N/A	533.70	
	12/18/2006	562.04	28.60	ND	ND	N/A	533.44	
	01/02/2007	562.04	28.55	ND	ND	N/A	533.49	
	01/15/2007	562.04	27.01	ND	ND	N/A	535.03	
	01/29/2007	562.04	27.59	ND	ND	N/A	534.45	
	02/12/2007	562.04	28.60	ND	ND	N/A	533.44	
	02/27/2007	562.04	29.58	ND	ND	N/A	532.46	
	03/12/2007	562.04	28.73	ND	ND	N/A	533.31	
	03/26/2007	562.04	28.10	ND	ND	N/A	533.94	
	04/09/2007	562.04	28.17	ND	ND	N/A	533.87	
	05/07/2007	562.04	27.27	ND	ND	N/A	534.77	
	06/04/2007	562.04	28.89	ND	ND	N/A	533.15	
	07/02/2007	562.04	30.73	ND	ND	N/A	531.31	
	08/13/2007	562.04	33.20	ND	ND	N/A	528.84	
	09/10/2007	562.04	33.63	ND	ND	N/A	528.41	
	10/08/2007	562.04	34.05	ND	ND	N/A	527.99	
	11/05/2007	562.04	34.18	ND	ND	N/A	527.86	
	12/03/2007	562.04	34.35	ND	ND	N/A	527.69	
	01/07/2008	562.04	33.16	ND	ND	N/A	528.88	
	02/05/2008	562.04	33.10	ND	ND	N/A	528.94	
	03/11/2008	562.04	34.39	ND	ND	N/A	527.65	
	04/22/2008	562.36	32.32	ND	ND	N/A	530.04	
	05/13/2008	562.36	32.05	ND	ND	N/A	530.31	
	06/11/2008	562.36	30.05	ND	ND	N/A	532.31	
	07/23/2008	562.36	33.15	ND	ND	N/A	529.21	
	08/13/2008	562.36	33.75	ND	ND	N/A	528.61	
	09/16/2008	562.36	34.46	ND	ND	N/A	527.90	
	10/15/2008	562.36	34.62	ND	ND	N/A	527.74	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-89 [R]	11/20/2008	562.36	34.75	ND	ND	N/A	527.61	
	12/09/2008	562.36	34.81	ND	ND	N/A	527.55	
	01/22/2009	562.36	32.61	ND	ND	N/A	529.75	
	02/19/2009	562.36	34.25	ND	ND	N/A	528.11	
	03/06/2009	562.36	34.40	ND	ND	N/A	527.96	
	04/16/2009	562.36	32.56	ND	ND	N/A	529.80	
	05/07/2009	562.36	32.51	ND	ND	N/A	529.85	
	06/03/2009	562.36	32.43	ND	ND	N/A	529.93	
	07/07/2009	562.36	34.01	ND	ND	N/A	528.35	
	08/06/2009	562.36	33.05	ND	ND	N/A	529.31	
	09/02/2009	562.36	34.03	ND	ND	N/A	528.33	
	10/06/2009	562.36	33.90	ND	ND	N/A	528.46	
	11/05/2009	562.36	33.86	ND	ND	N/A	528.50	
	12/04/2009	562.36	32.40	ND	ND	N/A	529.96	
	01/07/2010	562.36	34.14	ND	ND	N/A	528.22	
	02/03/2010	562.36	34.20	ND	ND	N/A	528.16	
	03/02/2010	562.36	34.11	ND	ND	N/A	528.25	
	04/07/2010	562.36	32.48	ND	ND	N/A	529.88	
	05/05/2010	562.36	32.41	ND	ND	N/A	529.95	
	06/02/2010	562.36	32.41	ND	ND	N/A	529.95	
	07/08/2010	562.36	32.55	ND	ND	N/A	529.81	
	08/04/2010	562.36	32.50	ND	ND	N/A	529.86	
	09/03/2010	562.36	32.69	ND	ND	N/A	529.67	
	10/06/2010	562.36	32.43	ND	ND	N/A	529.93	
	11/03/2010	562.36	32.51	ND	ND	N/A	529.85	
	12/02/2010	562.36	34.52	ND	ND	N/A	527.84	
	01/04/2011	562.36	34.00	ND	ND	N/A	528.36	
	02/01/2011	562.36	33.60	ND	ND	N/A	528.76	
	03/08/2011	562.36	32.46	ND	ND	N/A	529.90	
	04/07/2011	562.36	32.36	ND	ND	N/A	530.00	
	05/02/2011	562.36	33.84	ND	ND	N/A	528.52	
	06/01/2011	562.36	33.28	ND	ND	N/A	529.08	
	07/05/2011	562.36	33.05	ND	ND	N/A	529.31	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-90	03/18/2006	578.33	35.21	ND	ND	N/A	543.12	
	03/19/2006	578.33	35.29	ND	ND	N/A	543.04	
	03/20/2006	578.33	35.31	ND	ND	N/A	543.02	
	03/21/2006	578.33	35.33	ND	ND	N/A	543.00	
	03/23/2006	578.33	37.39	ND	ND	N/A	540.94	
	03/24/2006	578.33	37.52	ND	ND	N/A	540.81	
	03/25/2006	578.33	37.63	ND	ND	N/A	540.70	
	03/26/2006	578.33	37.67	ND	ND	N/A	540.66	
	03/27/2006	578.33	37.67	ND	ND	N/A	540.66	
	03/28/2006	578.33	35.65	ND	ND	N/A	542.68	
	03/29/2006	578.33	37.24	ND	ND	N/A	541.09	
	03/30/2006	578.33	36.61	ND	ND	N/A	541.72	
	03/31/2006	578.33	36.87	ND	ND	N/A	541.46	
	04/01/2006	578.33	37.06	ND	ND	N/A	541.27	
	04/02/2006	578.33	36.80	ND	ND	N/A	541.53	
	04/03/2006	578.33	36.47	ND	ND	N/A	541.86	
	04/04/2006	578.33	35.35	ND	ND	N/A	542.98	
	04/05/2006	578.33	36.26	ND	ND	N/A	542.07	
	04/06/2006	578.33	37.45	ND	ND	N/A	540.88	
	04/07/2006	578.33	36.65	ND	ND	N/A	541.68	
	04/08/2006	578.33	37.37	ND	ND	N/A	540.96	
	04/09/2006	578.33	36.76	ND	ND	N/A	541.57	
	04/10/2006	578.33	37.00	ND	ND	N/A	541.33	
	04/11/2006	578.33	37.34	ND	ND	N/A	540.99	
	04/12/2006	578.33	38.55	ND	ND	N/A	539.78	
	04/13/2006	578.33	36.95	ND	ND	N/A	541.38	
	04/14/2006	578.33	37.20	ND	ND	N/A	541.13	
	04/17/2006	578.33	38.44	ND	ND	N/A	539.89	
	04/18/2006	578.33	38.42	ND	ND	N/A	539.91	
	04/19/2006	578.33	38.20	ND	ND	N/A	540.13	
	04/21/2006	578.33	37.96	ND	ND	N/A	540.37	
	04/24/2006	578.33	38.28	ND	ND	N/A	540.05	
	04/26/2006	578.33	35.11	ND	ND	N/A	543.22	
	04/28/2006	578.33	36.20	ND	ND	N/A	542.13	
	05/01/2006	578.33	36.00	ND	ND	N/A	542.33	
	05/08/2006	578.33	38.55	ND	ND	N/A	539.78	
	05/15/2006	578.33	36.20	ND	ND	N/A	542.13	
	05/22/2006	578.33	37.40	ND	ND	N/A	540.93	
	05/30/2006	578.33	37.95	ND	ND	N/A	540.38	
	06/05/2006	578.33	39.38	ND	ND	N/A	538.95	
	06/12/2006	578.33	38.71	ND	ND	N/A	539.62	
	06/19/2006	578.33	36.75	ND	ND	N/A	541.58	
	06/26/2006	578.33	36.85	ND	ND	N/A	541.48	
	07/05/2006	578.33	35.97	ND	ND	N/A	542.36	
	07/10/2006	578.33	35.83	ND	ND	N/A	542.50	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-90	07/17/2006	578.33	33.52	ND	ND	N/A	544.81	
	07/24/2006	578.33	35.26	ND	ND	N/A	543.07	
	07/31/2006	578.33	32.78	ND	ND	N/A	545.55	
	08/14/2006	578.33	33.15	ND	ND	N/A	545.18	
	08/28/2006	578.33	35.34	ND	ND	N/A	542.99	
	09/11/2006	578.33	34.70	ND	ND	N/A	543.63	
	09/25/2006	578.33	34.03	ND	ND	N/A	544.30	
	10/09/2006	578.33	36.15	ND	ND	N/A	542.18	
	10/23/2006	578.33	34.49	ND	ND	N/A	543.84	
	11/06/2006	578.33	32.19	ND	ND	N/A	546.14	
	11/20/2006	578.33	35.49	ND	ND	N/A	542.84	
	12/04/2006	578.33	32.47	ND	ND	N/A	545.86	
	12/18/2006	578.33	32.40	ND	ND	N/A	545.93	
	01/02/2007	578.33	33.26	ND	ND	N/A	545.07	
	01/15/2007	578.33	32.92	ND	ND	N/A	545.41	
	01/29/2007	578.33	32.50	ND	ND	N/A	545.83	
	02/12/2007	578.33	31.42	ND	ND	N/A	546.91	
	03/12/2007	578.33	35.45	ND	ND	N/A	542.88	
	03/26/2007	578.33	31.70	ND	ND	N/A	546.63	
	04/09/2007	578.33	34.68	ND	ND	N/A	543.65	
	05/07/2007	578.33	33.33	ND	ND	N/A	545.00	
	06/04/2007	578.33	30.85	ND	ND	N/A	547.48	
	07/02/2007	578.33	34.50	ND	ND	N/A	543.83	
	08/13/2007	578.33	35.97	ND	ND	N/A	542.36	
	09/10/2007	578.33	32.29	ND	ND	N/A	546.04	
	10/08/2007	578.33	30.96	ND	ND	N/A	547.37	
	11/05/2007	578.33	35.48	ND	ND	N/A	542.85	
	12/03/2007	578.33	39.45	ND	ND	N/A	538.88	
	01/07/2008	578.33	36.01	ND	ND	N/A	542.32	
	02/05/2008	578.33	36.64	ND	ND	N/A	541.69	
	03/11/2008	578.33	36.05	ND	ND	N/A	542.28	
	04/22/2008	578.33	35.98	ND	ND	N/A	542.35	
	05/13/2008	578.33	35.90	ND	ND	N/A	542.43	
	06/09/2008	578.33	35.00	ND	ND	N/A	543.33	
	07/23/2008	578.33	35.81	ND	ND	N/A	542.52	
	08/13/2008	578.33	36.05	ND	ND	N/A	542.28	
	09/16/2008	578.33	31.89	ND	ND	N/A	546.44	
	10/15/2008	578.33	35.46	ND	ND	N/A	542.87	
	11/20/2008	578.33	36.02	ND	ND	N/A	542.31	
	12/09/2008	578.33	35.77	ND	ND	N/A	542.56	
	01/22/2009	578.33	31.67	ND	ND	N/A	546.66	
	02/18/2009	578.33	36.00	ND	ND	N/A	542.33	
	03/05/2009	578.33	36.21	ND	ND	N/A	542.12	
	04/16/2009	578.33	36.51	ND	ND	N/A	541.82	
	05/07/2009	578.33	36.82	ND	ND	N/A	541.51	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-90	06/03/2009	578.33	34.39	ND	ND	N/A	543.94	
	07/02/2009	578.33	35.20	ND	ND	N/A	543.13	
	08/06/2009	578.33	36.00	ND	ND	N/A	542.33	
	09/02/2009	578.33	36.15	ND	ND	N/A	542.18	
	10/06/2009	578.33	35.60	ND	ND	N/A	542.73	
	11/05/2009	578.33	35.47	ND	ND	N/A	542.86	
	12/04/2009	578.33	35.19	ND	ND	N/A	543.14	
	01/06/2010	578.33	34.22	ND	ND	N/A	544.11	
	02/03/2010	578.33	33.78	ND	ND	N/A	544.55	
	03/03/2010	578.33	35.05	ND	ND	N/A	543.28	
	04/06/2010	578.33	34.03	ND	ND	N/A	544.30	
	05/06/2010	578.33	34.35	ND	ND	N/A	543.98	
	06/01/2010	578.33	35.39	ND	ND	N/A	542.94	
	07/06/2010	578.33	35.80	ND	ND	N/A	542.53	
	08/03/2010	578.33	36.23	ND	ND	N/A	542.10	
	09/03/2010	578.33	36.52	ND	ND	N/A	541.81	
	10/05/2010	578.33	36.35	ND	ND	N/A	541.98	
	11/02/2010	578.33	36.17	ND	ND	N/A	542.16	
	12/02/2010	578.33	35.92	ND	ND	N/A	542.41	
	01/05/2011	578.33	36.18	ND	ND	N/A	542.15	
	02/05/2011	578.33	37.00	ND	ND	N/A	541.33	
	03/04/2011	578.33	37.05	ND	ND	N/A	541.28	
	04/07/2011	578.33	34.36	ND	ND	N/A	543.97	
	04/26/2011	578.33	34.41	ND	ND	N/A	543.92	
	05/04/2011	578.33	34.37	ND	ND	N/A	543.96	
	05/19/2011	578.33	34.20	ND	ND	N/A	544.13	
	06/01/2011	578.33	34.38	ND	ND	N/A	543.95	
	07/06/2011	578.33	35.21	ND	ND	N/A	543.12	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-91	03/20/2006	585.77	33.52	ND	ND	N/A	552.25	
	03/21/2006	585.77	33.51	ND	ND	N/A	552.26	
	03/22/2006	585.77	33.71	ND	ND	N/A	552.06	
	03/23/2006	585.77	33.67	ND	ND	N/A	552.10	
	03/24/2006	585.77	33.68	ND	ND	N/A	552.09	
	03/25/2006	585.77	33.69	ND	ND	N/A	552.08	
	03/26/2006	585.77	33.71	ND	ND	N/A	552.06	
	03/27/2006	585.77	33.73	ND	ND	N/A	552.04	
	03/28/2006	585.77	33.72	ND	ND	N/A	552.05	
	03/29/2006	585.77	33.86	ND	ND	N/A	551.91	
	03/30/2006	585.77	33.85	ND	ND	N/A	551.92	
	03/31/2006	585.77	33.91	ND	ND	N/A	551.86	
	04/01/2006	585.77	33.84	ND	ND	N/A	551.93	
	04/02/2006	585.77	33.97	ND	ND	N/A	551.80	
	04/03/2006	585.77	33.93	ND	ND	N/A	551.84	
	04/04/2006	585.77	34.01	ND	ND	N/A	551.76	
	04/05/2006	585.77	34.17	ND	ND	N/A	551.60	
	04/06/2006	585.77	34.15	ND	ND	N/A	551.62	
	04/07/2006	585.77	34.07	ND	ND	N/A	551.70	
	04/08/2006	585.77	34.07	ND	ND	N/A	551.70	
	04/09/2006	585.77	35.24	ND	ND	N/A	550.53	
	04/10/2006	585.77	34.18	ND	ND	N/A	551.59	
	04/11/2006	585.77	34.24	ND	ND	N/A	551.53	
	04/12/2006	585.77	34.29	ND	ND	N/A	551.48	
	04/13/2006	585.77	34.25	ND	ND	N/A	551.52	
	04/14/2006	585.77	34.32	ND	ND	N/A	551.45	
	04/17/2006	585.77	34.29	ND	ND	N/A	551.48	
	04/18/2006	585.77	34.35	ND	ND	N/A	551.42	
	04/19/2006	585.77	34.50	ND	ND	N/A	551.27	
	04/21/2006	585.77	34.54	ND	ND	N/A	551.23	
	04/24/2006	585.77	34.44	ND	ND	N/A	551.33	
	04/26/2006	585.77	34.50	ND	ND	N/A	551.27	
	04/28/2006	585.77	34.52	ND	ND	N/A	551.25	
	05/01/2006	585.77	34.55	ND	ND	N/A	551.22	
	05/08/2006	585.77	34.67	ND	ND	N/A	551.10	
	05/15/2006	585.77	34.74	ND	ND	N/A	551.03	
	05/22/2006	585.77	34.99	ND	ND	N/A	550.78	
	05/30/2006	585.77	35.22	ND	ND	N/A	550.55	
	06/05/2006	585.77	35.35	ND	ND	N/A	550.42	
	06/12/2006	585.77	35.57	ND	ND	N/A	550.20	
	06/19/2006	585.77	35.84	ND	ND	N/A	549.93	
	06/26/2006	585.77	36.13	ND	ND	N/A	549.64	
	07/01/2006	585.77	35.86	ND	ND	N/A	549.91	
	07/01/2006	585.77	35.91	ND	ND	N/A	549.86	
	07/03/2006	585.77	35.58	ND	ND	N/A	550.19	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-91	07/05/2006	585.77	35.70	ND	ND	N/A	550.07	
	07/06/2006	585.77	35.70	ND	ND	N/A	550.07	
	07/07/2006	585.77	35.69	ND	ND	N/A	550.08	
	07/10/2006	585.77	35.71	ND	ND	N/A	550.06	
	07/17/2006	585.77	35.76	ND	ND	N/A	550.01	
	07/24/2006	585.77	35.61	ND	ND	N/A	550.16	
	07/31/2006	585.77	35.40	ND	ND	N/A	550.37	
	08/14/2006	585.77	35.35	ND	ND	N/A	550.42	
	08/28/2006	585.77	35.65	ND	ND	N/A	550.12	
	09/11/2006	585.77	35.84	ND	ND	N/A	549.93	
	09/25/2006	585.77	36.07	ND	ND	N/A	549.70	
	10/09/2006	585.77	36.47	ND	ND	N/A	549.30	
	10/23/2006	585.77	36.66	ND	ND	N/A	549.11	
	11/06/2006	585.77	36.83	ND	ND	N/A	548.94	
	11/20/2006	585.77	36.99	ND	ND	N/A	548.78	
	12/04/2006	585.77	36.60	ND	ND	N/A	549.17	
	12/18/2006	585.77	36.11	ND	ND	N/A	549.66	
	01/02/2007	585.77	35.51	ND	ND	N/A	550.26	
	01/15/2007	585.77	35.25	ND	ND	N/A	550.52	
	01/29/2007	585.77	35.29	ND	ND	N/A	550.48	
	02/12/2007	585.77	35.32	ND	ND	N/A	550.45	
	03/12/2007	585.77	35.71	ND	ND	N/A	550.06	
	03/26/2007	585.77	35.76	ND	ND	N/A	550.01	
	04/09/2007	585.77	35.96	ND	ND	N/A	549.81	
	05/07/2007	585.77	35.64	ND	ND	N/A	550.13	
	06/04/2007	585.77	34.97	ND	ND	N/A	550.80	
	07/02/2007	585.77	35.71	ND	ND	N/A	550.06	
	08/13/2007	585.77	36.22	ND	ND	N/A	549.55	
	09/10/2007	585.77	36.71	ND	ND	N/A	549.06	
	10/08/2007	585.77	37.17	ND	ND	N/A	548.60	
	11/05/2007	585.77	37.23	ND	ND	N/A	548.54	
	12/03/2007	585.77	37.83	ND	ND	N/A	547.94	
	01/07/2008	585.77	38.00	ND	ND	N/A	547.77	
	02/05/2008	585.77	38.26	ND	ND	N/A	547.51	
	03/11/2008	585.77	38.61	ND	ND	N/A	547.16	
	04/22/2008	585.77	37.50	ND	ND	N/A	548.27	
	05/13/2008	585.77	35.94	ND	ND	N/A	549.83	
	06/09/2008	585.77	35.05	ND	ND	N/A	550.72	
	07/23/2008	585.77	34.62	ND	ND	N/A	551.15	
	08/13/2008	585.77	34.78	ND	ND	N/A	550.99	
	09/16/2008	585.77	35.41	ND	ND	N/A	550.36	
	10/15/2008	585.77	35.85	ND	ND	N/A	549.92	
	11/20/2008	585.77	36.44	ND	ND	N/A	549.33	
	12/08/2008	585.77	36.85	ND	ND	N/A	548.92	
	01/21/2009	585.77	37.22	ND	ND	N/A	548.55	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-91	02/16/2009	585.77	37.19	ND	ND	N/A	548.58	
	03/06/2009	585.77	37.17	ND	ND	N/A	548.60	
	04/13/2009	585.77	36.72	ND	ND	N/A	549.05	
	05/05/2009	585.77	37.02	ND	ND	N/A	548.75	
	06/01/2009	585.77	39.06	ND	ND	N/A	546.71	
	07/01/2009	585.77	42.07	ND	ND	N/A	543.70	
	08/04/2009	585.77	42.01	ND	ND	N/A	543.76	
	09/01/2009	585.77	43.62	ND	ND	N/A	542.15	
	10/01/2009	585.77	44.20	ND	ND	N/A	541.57	
	11/03/2009	585.77	44.61	ND	ND	N/A	541.16	
	12/01/2009	585.77	44.25	ND	ND	N/A	541.52	
	01/04/2010	585.77	39.74	ND	ND	N/A	546.03	
	02/01/2010	585.77	38.90	ND	ND	N/A	546.87	
	03/03/2010	585.77	39.50	ND	ND	N/A	546.27	
	04/05/2010	585.77	37.97	ND	ND	N/A	547.80	
	05/04/2010	585.77	38.65	ND	ND	N/A	547.12	
	06/01/2010	585.77	38.74	ND	ND	N/A	547.03	
	07/06/2010	585.77	40.30	ND	ND	N/A	545.47	
	08/03/2010	585.77	42.50	ND	ND	N/A	543.27	
	09/02/2010	585.77	42.81	ND	ND	N/A	542.96	
	10/08/2010	585.77	41.08	ND	ND	N/A	544.69	
	11/02/2010	585.77	44.51	ND	ND	N/A	541.26	
	12/02/2010	585.77	44.25	ND	ND	N/A	541.52	
	01/06/2011	585.77	45.20	ND	ND	N/A	540.57	
	02/03/2011	585.77	41.75	ND	ND	N/A	544.02	
	03/03/2011	585.77	44.75	ND	ND	N/A	541.02	
	04/05/2011	585.77	44.07	ND	ND	N/A	541.70	
	04/26/2011	585.77	42.24	ND	ND	N/A	543.53	
	05/03/2011	585.77	43.16	ND	ND	N/A	542.61	
	05/19/2011	585.77	42.80	ND	ND	N/A	542.97	
	06/01/2011	585.77	40.88	ND	ND	N/A	544.89	
	07/06/2011	585.77	41.93	ND	ND	N/A	543.84	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-91C [R]	06/01/2010	586.17	82.38	ND	ND	N/A	503.79	
	07/06/2010	586.17	78.47	ND	ND	N/A	507.70	
	08/03/2010	586.17	146.98	ND	ND	N/A	439.19	
	09/07/2010	586.17	145.85	ND	ND	N/A	440.32	
	10/07/2010	586.17	145.07	ND	ND	N/A	441.10	
	11/02/2010	586.17	146.90	ND	ND	N/A	439.27	
	12/07/2010	586.17	147.03	ND	ND	N/A	439.14	
	01/04/2011	585.67	147.27	ND	ND	N/A	438.40	
	02/04/2011	585.67	64.79	ND	ND	N/A	520.88	
	03/08/2011	585.67	147.08	ND	ND	N/A	438.59	
	04/05/2011	586.17	147.05	ND	ND	N/A	439.12	
	05/03/2011	586.17	147.03	ND	ND	N/A	439.14	
	06/01/2011	586.17	146.24	ND	ND	N/A	439.93	
	07/05/2011	586.17	146.17	ND	ND	N/A	440.00	
MW-91D	11/03/2010	586.51	418.00	ND	ND	N/A	168.51	
	12/02/2010	586.51	413.44	ND	ND	N/A	173.07	
	01/04/2011	586.51	407.22	ND	ND	N/A	179.29	
	02/03/2011	586.51	386.55	ND	ND	N/A	199.96	
	03/03/2011	586.51	385.90	ND	ND	N/A	200.61	
	04/11/2011	586.51	392.40	ND	ND	N/A	194.11	
	05/12/2011	586.51	393.00	ND	ND	N/A	193.51	
	06/09/2011	586.51	396.75	ND	ND	N/A	189.76	
	07/15/2011	586.51	392.89	ND	ND	N/A	193.62	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-107	03/24/2006	584.93	23.01	ND	ND	N/A	561.92	
	03/25/2006	584.93	23.05	ND	ND	N/A	561.88	
	03/26/2006	584.93	23.05	ND	ND	N/A	561.88	
	03/27/2006	584.93	23.50	ND	ND	N/A	561.43	
	03/28/2006	584.93	23.08	ND	ND	N/A	561.85	
	03/29/2006	584.93	23.15	ND	ND	N/A	561.78	
	03/30/2006	584.93	23.16	ND	ND	N/A	561.77	
	03/31/2006	584.93	23.22	ND	ND	N/A	561.71	
	04/01/2006	584.93	23.19	ND	ND	N/A	561.74	
	04/02/2006	584.93	23.26	ND	ND	N/A	561.67	
	04/03/2006	584.93	23.25	ND	ND	N/A	561.68	
	04/04/2006	584.93	23.28	ND	ND	N/A	561.65	
	04/05/2006	584.93	23.32	ND	ND	N/A	561.61	
	04/06/2006	584.93	23.41	ND	ND	N/A	561.52	
	04/07/2006	584.93	23.40	ND	ND	N/A	561.53	
	04/08/2006	584.93	23.50	ND	ND	N/A	561.43	
	04/09/2006	584.93	23.46	ND	ND	N/A	561.47	
	04/10/2006	584.93	23.48	ND	ND	N/A	561.45	
	04/11/2006	584.93	23.57	ND	ND	N/A	561.36	
	04/12/2006	584.93	23.55	ND	ND	N/A	561.38	
	04/13/2006	584.93	23.54	ND	ND	N/A	561.39	
	04/14/2006	584.93	23.61	ND	ND	N/A	561.32	
	04/17/2006	584.93	23.61	ND	ND	N/A	561.32	
	04/18/2006	584.93	23.69	ND	ND	N/A	561.24	
	04/19/2006	584.93	23.70	ND	ND	N/A	561.23	
	04/21/2006	584.93	23.81	ND	ND	N/A	561.12	
	04/24/2006	584.93	23.70	ND	ND	N/A	561.23	
	04/26/2006	584.93	23.69	ND	ND	N/A	561.24	
	04/28/2006	584.93	23.70	ND	ND	N/A	561.23	
	05/01/2006	584.93	23.71	ND	ND	N/A	561.22	
	05/08/2006	584.93	23.77	ND	ND	N/A	561.16	
	05/15/2006	584.93	23.82	ND	ND	N/A	561.11	
	05/22/2006	584.93	23.90	ND	ND	N/A	561.03	
	05/30/2006	584.93	24.00	ND	ND	N/A	560.93	
	06/05/2006	584.93	24.03	ND	ND	N/A	560.90	
	06/12/2006	584.93	24.12	ND	ND	N/A	560.81	
	06/19/2006	584.93	24.21	ND	ND	N/A	560.72	
	06/26/2006	584.93	24.22	ND	ND	N/A	560.71	
	07/03/2006	584.93	21.90	ND	ND	N/A	563.03	
	07/05/2006	584.93	22.02	ND	ND	N/A	562.91	
	07/10/2006	584.93	22.07	ND	ND	N/A	562.86	
	07/17/2006	584.93	22.33	ND	ND	N/A	562.60	
	07/24/2006	584.93	22.49	ND	ND	N/A	562.44	
	07/31/2006	584.93	22.59	ND	ND	N/A	562.34	
	08/14/2006	584.93	23.14	ND	ND	N/A	561.79	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-107	08/28/2006	584.93	23.72	ND	ND	N/A	561.21	
	09/11/2006	584.93	23.83	ND	ND	N/A	561.10	
	09/25/2006	584.93	23.61	ND	ND	N/A	561.32	
	10/09/2006	584.93	23.84	ND	ND	N/A	561.09	
	10/23/2006	584.93	24.74	ND	ND	N/A	560.19	
	11/06/2006	584.93	23.41	ND	ND	N/A	561.52	
	11/20/2006	584.93	22.40	ND	ND	N/A	562.53	
	12/04/2006	584.93	22.40	ND	ND	N/A	562.53	
	12/18/2006	584.93	22.78	ND	ND	N/A	562.15	
	01/02/2007	584.93	22.99	ND	ND	N/A	561.94	
	01/15/2007	584.93	22.68	ND	ND	N/A	562.25	
	01/29/2007	584.93	22.94	ND	ND	N/A	561.99	
	02/12/2007	584.93	23.48	ND	ND	N/A	561.45	
	02/27/2007	584.93	23.85	ND	ND	N/A	561.08	
	03/12/2007	584.93	23.70	ND	ND	N/A	561.23	
	03/26/2007	584.93	22.82	ND	ND	N/A	562.11	
	04/09/2007	584.93	22.58	ND	ND	N/A	562.35	
	05/07/2007	584.93	22.47	ND	ND	N/A	562.46	
	06/04/2007	584.93	23.35	ND	ND	N/A	561.58	
	07/02/2007	584.93	23.96	ND	ND	N/A	560.97	
	08/13/2007	584.93	25.05	ND	ND	N/A	559.88	
	09/10/2007	584.93	34.39	ND	ND	N/A	550.54	
	10/08/2007	584.93	30.63	ND	ND	N/A	554.30	
	11/05/2007	584.93	28.65	ND	ND	N/A	556.28	
	12/03/2007	584.93	35.20	ND	ND	N/A	549.73	
	01/07/2008	584.93	30.50	ND	ND	N/A	554.43	
	02/05/2008	584.93	28.26	ND	ND	N/A	556.67	
	03/11/2008	584.93	29.33	ND	ND	N/A	555.60	
	04/22/2008	584.93	23.91	ND	ND	N/A	561.02	
	05/13/2008	584.93	23.55	ND	ND	N/A	561.38	
	06/09/2008	584.93	23.38	ND	ND	N/A	561.55	
	07/23/2008	584.93	24.35	ND	ND	N/A	560.58	
	08/13/2008	584.93	24.71	ND	ND	N/A	560.22	
	09/16/2008	584.93	25.45	ND	ND	N/A	559.48	
	10/15/2008	584.93	25.57	ND	ND	N/A	559.36	
	11/20/2008	584.93	25.78	ND	ND	N/A	559.15	
	12/08/2008	584.93	25.90	ND	ND	N/A	559.03	
	01/19/2009	584.93	25.16	ND	ND	N/A	559.77	
	02/16/2009	584.93	25.14	ND	ND	N/A	559.79	
	03/05/2009	584.93	25.37	ND	ND	N/A	559.56	
	04/13/2009	584.93	25.63	ND	ND	N/A	559.30	
	05/05/2009	584.93	24.42	ND	ND	N/A	560.51	
	06/02/2009	584.93	24.36	ND	ND	N/A	560.57	
	07/01/2009	584.93	23.78	ND	ND	N/A	561.15	
	08/04/2009	584.93	23.36	ND	ND	N/A	561.57	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-107	09/01/2009	584.93	25.10	ND	ND	N/A	559.83	
	10/01/2009	584.93	24.22	ND	ND	N/A	560.71	
	11/03/2009	584.93	23.30	ND	ND	N/A	561.63	
	12/01/2009	584.93	23.07	ND	ND	N/A	561.86	
	01/04/2010	584.93	20.87	ND	ND	N/A	564.06	
	02/01/2010	584.93	21.69	ND	ND	N/A	563.24	
	03/03/2010	584.93	21.90	ND	ND	N/A	563.03	
	04/06/2010	584.93	21.22	ND	ND	N/A	563.71	
	05/04/2010	584.93	22.37	ND	ND	N/A	562.56	
	06/02/2010	584.93	23.59	ND	ND	N/A	561.34	
	07/08/2010	584.93	24.70	ND	ND	N/A	560.23	
	08/03/2010	584.93	25.36	ND	ND	N/A	559.57	
	09/02/2010	584.93	25.81	ND	ND	N/A	559.12	
	10/08/2010	584.93	30.34	ND	ND	N/A	554.59	
	11/01/2010	584.93	28.71	ND	ND	N/A	556.22	
	12/02/2010	584.93	27.62	ND	ND	N/A	557.31	
	01/03/2011	584.93	36.27	ND	ND	N/A	548.66	
	02/03/2011	584.93	32.52	ND	ND	N/A	552.41	
	03/03/2011	584.93	30.38	ND	ND	N/A	554.55	
	04/06/2011	584.93	22.83	ND	ND	N/A	562.10	
	04/26/2011	584.93	22.55	ND	ND	N/A	562.38	
	05/03/2011	584.93	22.59	ND	ND	N/A	562.34	
	05/19/2011	584.93	22.67	ND	ND	N/A	562.26	
	06/01/2011	584.93	22.49	ND	ND	N/A	562.44	
	07/06/2011	584.93	23.27	ND	ND	N/A	561.66	

Table 11
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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-108	03/24/2006	601.07	34.56	ND	ND	N/A	566.51	
	03/25/2006	601.07	34.66	ND	ND	N/A	566.41	
	03/26/2006	601.07	34.65	ND	ND	N/A	566.42	
	03/27/2006	601.07	34.68	ND	ND	N/A	566.39	
	03/28/2006	601.07	34.74	ND	ND	N/A	566.33	
	03/29/2006	601.07	34.82	ND	ND	N/A	566.25	
	03/30/2006	601.07	34.97	ND	ND	N/A	566.10	
	03/31/2006	601.07	34.93	ND	ND	N/A	566.14	
	04/01/2006	601.07	34.89	ND	ND	N/A	566.18	
	04/02/2006	601.07	34.97	ND	ND	N/A	566.10	
	04/03/2006	601.07	34.93	ND	ND	N/A	566.14	
	04/04/2006	601.07	35.02	ND	ND	N/A	566.05	
	04/05/2006	601.07	35.11	ND	ND	N/A	565.96	
	04/06/2006	601.07	35.20	ND	ND	N/A	565.87	
	04/07/2006	601.07	35.18	ND	ND	N/A	565.89	
	04/08/2006	601.07	35.29	ND	ND	N/A	565.78	
	04/09/2006	601.07	35.24	ND	ND	N/A	565.83	
	04/10/2006	601.07	35.30	ND	ND	N/A	565.77	
	04/11/2006	601.07	35.42	ND	ND	N/A	565.65	
	04/12/2006	601.07	35.42	ND	ND	N/A	565.65	
	04/13/2006	601.07	35.47	ND	ND	N/A	565.60	
	04/14/2006	601.07	35.52	ND	ND	N/A	565.55	
	04/17/2006	601.07	35.50	ND	ND	N/A	565.57	
	04/18/2006	601.07	35.55	ND	ND	N/A	565.52	
	04/19/2006	601.07	35.61	ND	ND	N/A	565.46	
	04/21/2006	601.07	35.79	ND	ND	N/A	565.28	
	04/24/2006	601.07	35.62	ND	ND	N/A	565.45	
	04/26/2006	601.07	35.71	ND	ND	N/A	565.36	
	04/28/2006	601.07	35.71	ND	ND	N/A	565.36	
	05/01/2006	601.07	35.68	ND	ND	N/A	565.39	
	05/08/2006	601.07	35.83	ND	ND	N/A	565.24	
	05/15/2006	601.07	35.90	ND	ND	N/A	565.17	
	05/22/2006	601.07	36.06	ND	ND	N/A	565.01	
	05/30/2006	601.07	36.13	ND	ND	N/A	564.94	
	06/05/2006	601.07	36.20	ND	ND	N/A	564.87	
	06/12/2006	601.07	36.35	ND	ND	N/A	564.72	
	06/19/2006	601.07	36.39	ND	ND	N/A	564.68	
	06/26/2006	601.07	36.20	ND	ND	N/A	564.87	
	07/03/2006	601.07	33.81	ND	ND	N/A	567.26	
	07/05/2006	601.07	33.70	ND	ND	N/A	567.37	
	07/10/2006	601.07	33.66	ND	ND	N/A	567.41	
	07/17/2006	601.07	33.87	ND	ND	N/A	567.20	
	07/24/2006	601.07	34.11	ND	ND	N/A	566.96	
	07/31/2006	601.07	34.31	ND	ND	N/A	566.76	
	08/14/2006	601.07	35.03	ND	ND	N/A	566.04	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-108	08/29/2006	601.07	35.82	ND	ND	N/A	565.25	
	09/11/2006	601.07	35.98	ND	ND	N/A	565.09	
	09/25/2006	601.07	35.78	ND	ND	N/A	565.29	
	10/09/2006	601.07	36.11	ND	ND	N/A	564.96	
	10/23/2006	601.07	36.05	ND	ND	N/A	565.02	
	11/06/2006	601.07	35.88	ND	ND	N/A	565.19	
	11/20/2006	601.07	35.91	ND	ND	N/A	565.16	
	12/04/2006	601.07	34.40	ND	ND	N/A	566.67	
	12/18/2006	601.07	34.85	ND	ND	N/A	566.22	
	01/02/2007	601.07	35.13	ND	ND	N/A	565.94	
	01/15/2007	601.07	35.00	ND	ND	N/A	566.07	
	01/29/2007	601.07	35.11	ND	ND	N/A	565.96	
	02/12/2007	601.07	35.46	ND	ND	N/A	565.61	
	02/27/2007	601.07	36.21	ND	ND	N/A	564.86	
	03/12/2007	601.07	35.96	ND	ND	N/A	565.11	
	03/26/2007	601.07	34.92	ND	ND	N/A	566.15	
	04/09/2007	601.07	34.41	ND	ND	N/A	566.66	
	05/07/2007	601.07	33.86	ND	ND	N/A	567.21	
	06/04/2007	601.07	35.22	ND	ND	N/A	565.85	
	07/02/2007	601.07	35.98	ND	ND	N/A	565.09	
	08/13/2007	601.07	36.82	ND	ND	N/A	564.25	
	09/10/2007	601.07	37.24	ND	ND	N/A	563.83	
	10/08/2007	601.07	37.81	ND	ND	N/A	563.26	
	11/05/2007	601.07	38.09	ND	ND	N/A	562.98	
	12/03/2007	601.07	38.33	ND	ND	N/A	562.74	
	01/07/2008	601.07	37.51	ND	ND	N/A	563.56	
	02/05/2008	601.07	37.63	ND	ND	N/A	563.44	
	03/11/2008	601.07	36.82	ND	ND	N/A	564.25	
	04/22/2008	601.07	36.21	ND	ND	N/A	564.86	
	05/13/2008	601.07	36.17	ND	ND	N/A	564.90	
	06/09/2008	601.07	35.60	ND	ND	N/A	565.47	
	07/23/2008	601.07	36.78	ND	ND	N/A	564.29	
	08/13/2008	601.07	36.98	ND	ND	N/A	564.09	
	09/16/2008	601.07	33.61	ND	ND	N/A	567.46	
	10/15/2008	601.07	37.81	ND	ND	N/A	563.26	
	11/20/2008	601.07	38.33	ND	ND	N/A	562.74	
	12/08/2008	601.07	38.41	ND	ND	N/A	562.66	
	01/19/2009	601.07	37.75	ND	ND	N/A	563.32	
	02/16/2009	601.07	37.81	ND	ND	N/A	563.26	
	03/05/2009	601.07	37.98	ND	ND	N/A	563.09	
	04/13/2009	601.07	37.98	ND	ND	N/A	563.09	
	05/06/2009	601.07	37.72	ND	ND	N/A	563.35	
	06/02/2009	601.07	38.66	ND	ND	N/A	562.41	
	07/01/2009	601.07	35.96	ND	ND	N/A	565.11	
	08/05/2009	601.07	36.95	ND	ND	N/A	564.12	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-108	09/01/2009	601.07	37.41	ND	ND	N/A	563.66	
	10/01/2009	601.07	39.97	ND	ND	N/A	561.10	
	11/03/2009	601.07	36.19	ND	ND	N/A	564.88	
	12/01/2009	601.07	35.41	ND	ND	N/A	565.66	
	01/04/2010	601.07	32.00	ND	ND	N/A	569.07	
	02/02/2010	601.07	33.35	ND	ND	N/A	567.72	
	03/02/2010	601.07	34.68	ND	ND	N/A	566.39	
	04/08/2010	601.07	32.81	ND	ND	N/A	568.26	
	05/04/2010	601.07	34.23	ND	ND	N/A	566.84	
	06/02/2010	601.07	35.82	ND	ND	N/A	565.25	
	07/06/2010	601.07	37.00	ND	ND	N/A	564.07	
	08/02/2010	601.07	38.08	ND	ND	N/A	562.99	
	09/02/2010	601.07	39.22	ND	ND	N/A	561.85	
	10/08/2010	601.07	38.89	ND	ND	N/A	562.18	
	11/01/2010	601.07	39.20	ND	ND	N/A	561.87	
	12/01/2010	601.07	40.31	ND	ND	N/A	560.76	
	01/05/2011	601.07	39.50	ND	ND	N/A	561.57	
	02/03/2011	601.07	41.02	ND	ND	N/A	560.05	
	03/03/2011	601.07	40.05	ND	ND	N/A	561.02	
	04/06/2011	601.07	34.57	ND	ND	N/A	566.50	
	04/26/2011	601.07	34.21	ND	ND	N/A	566.86	
	05/04/2011	601.07	34.52	ND	ND	N/A	566.55	
	05/19/2011	601.07	35.21	ND	ND	N/A	565.86	
	06/01/2011	601.07	34.45	ND	ND	N/A	566.62	
	07/06/2011	601.07	36.61	ND	ND	N/A	564.46	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-110 [R]	03/29/2006	585.10	33.44	ND	ND	N/A	551.66	
	03/30/2006	585.10	33.43	ND	ND	N/A	551.67	
	03/31/2006	585.10	54.73	ND	ND	N/A	530.37	
	04/01/2006	585.10	55.59	ND	ND	N/A	529.51	
	04/02/2006	585.10	55.63	ND	ND	N/A	529.47	
	04/03/2006	585.10	34.55	ND	ND	N/A	550.55	
	04/04/2006	585.10	34.05	ND	ND	N/A	551.05	
	04/05/2006	585.10	33.14	ND	ND	N/A	551.96	
	04/06/2006	585.10	33.32	ND	ND	N/A	551.78	
	04/07/2006	585.10	38.60	ND	ND	N/A	546.50	
	04/08/2006	585.10	38.18	ND	ND	N/A	546.92	
	04/09/2006	585.10	40.04	ND	ND	N/A	545.06	
	04/10/2006	585.10	36.52	ND	ND	N/A	548.58	
	04/11/2006	585.10	39.92	ND	ND	N/A	545.18	
	04/12/2006	585.10	38.62	ND	ND	N/A	546.48	
	04/13/2006	585.10	40.02	ND	ND	N/A	545.08	
	04/14/2006	585.10	40.00	ND	ND	N/A	545.10	
	04/17/2006	585.10	38.68	ND	ND	N/A	546.42	
	04/18/2006	585.10	36.94	ND	ND	N/A	548.16	
	04/19/2006	585.10	36.36	ND	ND	N/A	548.74	
	04/21/2006	585.10	36.91	ND	ND	N/A	548.19	
	04/24/2006	585.10	37.53	ND	ND	N/A	547.57	
	04/26/2006	585.10	37.10	ND	ND	N/A	548.00	
	04/28/2006	585.10	37.19	ND	ND	N/A	547.91	
	05/01/2006	585.10	37.30	ND	ND	N/A	547.80	
	05/03/2006	585.10	38.82	ND	ND	N/A	546.28	
	05/08/2006	585.10	57.11	ND	ND	N/A	527.99	
	05/15/2006	585.10	56.99	ND	ND	N/A	528.11	
	05/22/2006	585.10	57.80	ND	ND	N/A	527.30	
	05/30/2006	585.10	57.59	ND	ND	N/A	527.51	
	06/05/2006	585.10	57.00	ND	ND	N/A	528.10	
	06/12/2006	585.10	56.82	ND	ND	N/A	528.28	
	06/19/2006	585.10	57.01	ND	ND	N/A	528.09	
	06/26/2006	585.10	56.36	ND	ND	N/A	528.74	
	07/05/2006	585.10	56.91	ND	ND	N/A	528.19	
	07/10/2006	585.10	56.83	ND	ND	N/A	528.27	
	07/17/2006	585.10	30.71	ND	ND	N/A	554.39	
	07/24/2006	585.10	DRY	DRY	DRY	DRY	DRY	
	07/31/2006	585.10	59.28	ND	ND	N/A	525.82	
	08/14/2006	585.10	55.32	ND	ND	N/A	529.78	
	08/28/2006	585.10	56.00	ND	ND	N/A	529.10	
	09/11/2006	585.10	54.10	ND	ND	N/A	531.00	
	09/25/2006	585.10	55.34	ND	ND	N/A	529.76	
	10/09/2006	585.10	56.00	ND	ND	N/A	529.10	
	10/23/2006	585.10	55.36	ND	ND	N/A	529.74	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-110 [R]	11/06/2006	585.10	55.33	ND	ND	N/A	529.77	
	11/20/2006	585.10	55.36	ND	ND	N/A	529.74	
	12/04/2006	585.10	55.41	ND	ND	N/A	529.69	
	12/18/2006	585.10	55.32	ND	ND	N/A	529.78	
	01/02/2007	585.10	55.35	ND	ND	N/A	529.75	
	01/15/2007	585.10	55.43	ND	ND	N/A	529.67	
	01/29/2007	585.10	56.27	ND	ND	N/A	528.83	
	02/12/2007	585.10	55.35	ND	ND	N/A	529.75	
	02/27/2007	585.10	56.38	ND	ND	N/A	528.72	
	03/12/2007	585.10	56.33	ND	ND	N/A	528.77	
	03/26/2007	585.10	56.17	ND	ND	N/A	528.93	
	04/09/2007	585.10	57.32	ND	ND	N/A	527.78	
	05/07/2007	585.10	55.35	ND	ND	N/A	529.75	
	06/04/2007	585.10	30.08	ND	ND	N/A	555.02	
	07/02/2007	585.10	55.35	ND	ND	N/A	529.75	
	08/13/2007	585.10	55.43	ND	ND	N/A	529.67	
	09/10/2007	585.10	55.34	ND	ND	N/A	529.76	
	10/08/2007	585.10	56.74	ND	ND	N/A	528.36	
	11/05/2007	585.10	51.88	ND	ND	N/A	533.22	
	12/03/2007	585.10	51.86	ND	ND	N/A	533.24	
	01/07/2008	585.10	44.78	ND	ND	N/A	540.32	
	02/05/2008	585.10	44.85	ND	ND	N/A	540.25	
	03/11/2008	585.10	55.50	ND	ND	N/A	529.60	
	04/22/2008	585.10	56.13	ND	ND	N/A	528.97	
	05/14/2008	585.10	55.22	ND	ND	N/A	529.88	
	06/10/2008	585.10	55.25	ND	ND	N/A	529.85	
	07/23/2008	585.10	54.90	ND	ND	N/A	530.20	
	08/13/2008	585.10	55.26	ND	ND	N/A	529.84	
	09/16/2008	585.10	45.67	ND	ND	N/A	539.43	
	10/15/2008	585.10	55.25	ND	ND	N/A	529.85	
	11/20/2008	585.10	45.74	ND	ND	N/A	539.36	
	12/09/2008	585.10	45.75	ND	ND	N/A	539.35	
	01/22/2009	585.10	55.32	ND	ND	N/A	529.78	
	02/16/2009	585.10	54.91	ND	ND	N/A	530.19	
	03/06/2009	585.10	55.01	ND	ND	N/A	530.09	
	04/16/2009	585.10	54.95	ND	ND	N/A	530.15	
	05/07/2009	585.10	56.09	ND	ND	N/A	529.01	
	06/03/2009	585.10	54.85	ND	ND	N/A	530.25	
	07/02/2009	585.10	54.95	ND	ND	N/A	530.15	
	08/06/2009	585.10	54.95	ND	ND	N/A	530.15	
	09/03/2009	585.10	34.62	ND	ND	N/A	550.48	
	10/06/2009	585.10	34.61	ND	ND	N/A	550.49	
	11/05/2009	585.10	34.32	ND	ND	N/A	550.78	
	12/04/2009	585.10	54.92	ND	ND	N/A	530.18	
	01/06/2010	585.10	54.97	ND	ND	N/A	530.13	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-110 [R]	02/04/2010	585.10	54.92	ND	ND	N/A	530.18	
	03/02/2010	585.10	54.50	ND	ND	N/A	530.60	
	04/07/2010	585.10	54.91	ND	ND	N/A	530.19	
	05/05/2010	585.10	54.34	ND	ND	N/A	530.76	
	06/02/2010	585.10	54.90	ND	ND	N/A	530.20	
	07/07/2010	585.10	32.73	ND	ND	N/A	552.37	
	08/04/2010	585.10	55.00	ND	ND	N/A	530.10	
	09/03/2010	585.10	47.89	ND	ND	N/A	537.21	
	10/06/2010	585.10	54.95	ND	ND	N/A	530.15	
	11/02/2010	585.10	51.41	ND	ND	N/A	533.69	
	12/02/2010	585.10	50.80	ND	ND	N/A	534.30	
	01/05/2011	585.10	54.92	ND	ND	N/A	530.18	
	02/01/2011	585.10	54.82	ND	ND	N/A	530.28	
	03/08/2011	585.10	53.97	ND	ND	N/A	531.13	
	04/06/2011	585.10	55.05	ND	ND	N/A	530.05	
	05/03/2011	585.10	54.89	ND	ND	N/A	530.21	
	06/03/2011	585.10	55.13	ND	ND	N/A	529.97	
	07/05/2011	585.10	55.14	ND	ND	N/A	529.96	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-121[R]	04/02/2006	593.62	51.95	ND	ND	N/A	541.67	
	04/03/2006	593.62	47.14	ND	ND	N/A	546.48	
	04/04/2006	593.62	49.28	ND	ND	N/A	544.34	
	04/05/2006	593.62	45.61	ND	ND	N/A	548.01	
	04/06/2006	593.62	46.75	ND	ND	N/A	546.87	
	04/07/2006	593.62	46.68	ND	ND	N/A	546.94	
	04/08/2006	593.62	46.15	ND	ND	N/A	547.47	
	04/09/2006	593.62	46.11	ND	ND	N/A	547.51	
	04/10/2006	593.62	46.23	ND	ND	N/A	547.39	
	04/11/2006	593.62	46.40	ND	ND	N/A	547.22	
	04/12/2006	593.62	45.39	ND	ND	N/A	548.23	
	04/13/2006	593.62	66.58	ND	ND	N/A	527.04	
	04/14/2006	593.62	47.16	ND	ND	N/A	546.46	
	04/17/2006	593.62	46.60	ND	ND	N/A	547.02	
	04/18/2006	593.62	46.40	ND	ND	N/A	547.22	
	04/19/2006	593.62	48.10	ND	ND	N/A	545.52	
	04/21/2006	593.62	45.27	ND	ND	N/A	548.35	
	04/24/2006	593.62	46.42	ND	ND	N/A	547.20	
	04/26/2006	593.62	45.55	ND	ND	N/A	548.07	
	04/28/2006	593.62	47.26	ND	ND	N/A	546.36	
	05/01/2006	593.62	47.70	ND	ND	N/A	545.92	
	05/08/2006	593.62	46.69	ND	ND	N/A	546.93	
	05/15/2006	593.62	46.46	ND	ND	N/A	547.16	
	05/22/2006	593.62	44.88	ND	ND	N/A	548.74	
	05/30/2006	593.62	46.93	ND	ND	N/A	546.69	
	06/05/2006	593.62	46.76	ND	ND	N/A	546.86	
	06/12/2006	593.62	47.41	ND	ND	N/A	546.21	
	06/19/2006	593.62	47.65	ND	ND	N/A	545.97	
	06/26/2006	593.62	47.00	ND	ND	N/A	546.62	
	07/03/2006	593.62	44.92	ND	ND	N/A	548.70	
	07/05/2006	593.62	44.90	ND	ND	N/A	548.72	
	07/10/2006	593.62	46.84	ND	ND	N/A	546.78	
	07/17/2006	593.62	60.00	ND	ND	N/A	533.62	
	07/24/2006	593.62	45.70	ND	ND	N/A	547.92	
	07/31/2006	593.62	46.38	ND	ND	N/A	547.24	
	08/14/2006	593.62	46.86	ND	ND	N/A	546.76	
	08/29/2006	593.62	46.12	ND	ND	N/A	547.50	
	09/11/2006	593.62	44.25	ND	ND	N/A	549.37	
	09/25/2006	593.62	44.42	ND	ND	N/A	549.20	
	10/09/2006	593.62	46.06	ND	ND	N/A	547.56	
	10/23/2006	593.62	45.65	ND	ND	N/A	547.97	
	11/06/2006	593.62	44.14	ND	ND	N/A	549.48	
	11/20/2006	593.62	45.04	ND	ND	N/A	548.58	
	12/04/2006	593.62	43.77	ND	ND	N/A	549.85	
	12/18/2006	593.62	43.03	ND	ND	N/A	550.59	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-121[R]	01/02/2007	593.62	43.06	ND	ND	N/A	550.56	
	01/15/2007	593.62	42.03	ND	ND	N/A	551.59	
	01/29/2007	593.62	42.49	ND	ND	N/A	551.13	
	02/12/2007	593.62	42.90	ND	ND	N/A	550.72	
	02/27/2007	593.62	43.27	ND	ND	N/A	550.35	
	03/12/2007	593.62	42.44	ND	ND	N/A	551.18	
	03/26/2007	593.62	42.67	ND	ND	N/A	550.95	
	04/09/2007	593.62	42.42	ND	ND	N/A	551.20	
	05/07/2007	593.62	41.89	ND	ND	N/A	551.73	
	06/04/2007	593.62	42.72	ND	ND	N/A	550.90	
	07/02/2007	593.62	42.08	ND	ND	N/A	551.54	
	08/13/2007	593.62	42.50	ND	ND	N/A	551.12	
	09/10/2007	593.62	42.51	ND	ND	N/A	551.11	
	10/08/2007	593.62	43.23	ND	ND	N/A	550.39	
	11/05/2007	593.62	42.55	ND	ND	N/A	551.07	
	12/03/2007	593.62	45.70	ND	ND	N/A	547.92	
	01/07/2008	593.62	42.72	ND	ND	N/A	550.90	
	02/05/2008	593.62	43.34	ND	ND	N/A	550.28	
	03/11/2008	593.62	44.63	ND	ND	N/A	548.99	
	04/22/2008	593.62	44.31	ND	ND	N/A	549.31	
	05/13/2008	593.62	42.00	ND	ND	N/A	551.62	
	06/09/2008	593.62	42.28	ND	ND	N/A	551.34	
	07/23/2008	593.62	42.55	ND	ND	N/A	551.07	
	08/13/2008	593.80	42.35	ND	ND	N/A	551.45	
	09/16/2008	593.80	55.70	ND	ND	N/A	538.10	
	10/15/2008	593.80	55.93	ND	ND	N/A	537.87	
	11/19/2008	593.80	56.04	ND	ND	N/A	537.76	
	12/09/2008	593.80	55.98	ND	ND	N/A	537.82	
	01/21/2009	593.80	56.21	ND	ND	N/A	537.59	
	02/16/2009	593.80	55.85	ND	ND	N/A	537.95	
	03/06/2009	593.80	56.35	ND	ND	N/A	537.45	
	04/14/2009	593.80	57.11	ND	ND	N/A	536.69	
	05/08/2009	593.80	55.91	ND	ND	N/A	537.89	
	06/03/2009	593.80	55.81	ND	ND	N/A	537.99	
	07/02/2009	593.80	55.84	ND	ND	N/A	537.96	
	08/06/2009	593.80	55.83	ND	ND	N/A	537.97	
	09/02/2009	593.80	55.85	ND	ND	N/A	537.95	
	10/06/2009	593.80	55.81	ND	ND	N/A	537.99	
	11/05/2009	593.80	55.70	ND	ND	N/A	538.10	
	12/03/2009	593.80	55.81	ND	ND	N/A	537.99	
	01/07/2010	593.80	55.91	ND	ND	N/A	537.89	
	02/04/2010	593.80	55.82	ND	ND	N/A	537.98	
	03/02/2010	593.80	55.75	ND	ND	N/A	538.05	
	04/07/2010	593.80	54.93	ND	ND	N/A	538.87	
	05/05/2010	593.80	54.30	ND	ND	N/A	539.50	

Table 11

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-121[R]	06/02/2010	593.80	55.75	ND	ND	N/A	538.05	
	07/07/2010	593.80	55.69	ND	ND	N/A	538.11	
	08/05/2010	593.80	54.98	ND	ND	N/A	538.82	
	09/03/2010	593.80	55.72	ND	ND	N/A	538.08	
	10/06/2010	593.80	55.69	ND	ND	N/A	538.11	
	11/03/2010	593.80	55.74	ND	ND	N/A	538.06	
	12/02/2010	593.80	55.67	ND	ND	N/A	538.13	
	01/06/2011	593.80	55.77	ND	ND	N/A	538.03	
	02/03/2011	593.80	55.69	ND	ND	N/A	538.11	
	03/08/2011	593.80	55.74	ND	ND	N/A	538.06	
	04/07/2011	593.80	55.82	ND	ND	N/A	537.98	
	05/04/2011	593.80	55.60	ND	ND	N/A	538.20	
	06/02/2011	593.80	55.77	ND	ND	N/A	538.03	
	07/06/2011	593.80	55.70	ND	ND	N/A	538.10	

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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-137 [R]	04/20/2006	563.56	30.98	ND	ND	N/A	532.58	
	04/21/2006	563.56	34.86	ND	ND	N/A	528.70	
	04/24/2006	563.56	45.40	ND	ND	N/A	518.16	
	04/26/2006	563.56	33.52	ND	ND	N/A	530.04	
	04/28/2006	563.56	45.69	ND	ND	N/A	517.87	
	05/01/2006	563.56	45.24	ND	ND	N/A	518.32	
	05/08/2006	563.56	45.23	ND	ND	N/A	518.33	
	05/15/2006	563.56	45.75	ND	ND	N/A	517.81	
	05/22/2006	563.56	45.75	ND	ND	N/A	517.81	
	05/30/2006	563.56	43.90	ND	ND	N/A	519.66	
	06/05/2006	563.56	43.29	ND	ND	N/A	520.27	
	06/12/2006	563.56	42.28	ND	ND	N/A	521.28	
	06/19/2006	563.56	43.36	ND	ND	N/A	520.20	
	07/03/2006	563.56	26.90	ND	ND	N/A	536.66	
	07/05/2006	563.56	25.71	ND	ND	N/A	537.85	
	07/10/2006	563.56	43.21	ND	ND	N/A	520.35	
	07/17/2006	563.56	43.31	ND	ND	N/A	520.25	
	07/24/2006	563.56	29.48	ND	ND	N/A	534.08	
	07/31/2006	563.56	43.35	ND	ND	N/A	520.21	
	08/14/2006	563.56	43.41	ND	ND	N/A	520.15	
	09/11/2006	563.56	43.30	ND	ND	N/A	520.26	
	09/25/2006	563.56	43.27	ND	ND	N/A	520.29	
	10/23/2006	563.56	43.41	ND	ND	N/A	520.15	
	11/06/2006	563.56	43.11	ND	ND	N/A	520.45	
	11/20/2006	563.56	43.39	ND	ND	N/A	520.17	
	12/18/2006	563.56	43.15	ND	ND	N/A	520.41	
	01/02/2007	563.56	43.33	ND	ND	N/A	520.23	
	01/15/2007	563.56	43.49	ND	ND	N/A	520.07	
	01/29/2007	563.56	28.23	ND	ND	N/A	535.33	
	02/12/2007	563.56	43.14	ND	ND	N/A	520.42	
	03/12/2007	563.56	43.25	ND	ND	N/A	520.31	
	03/26/2007	563.56	43.02	ND	ND	N/A	520.54	
	04/09/2007	563.56	44.27	ND	ND	N/A	519.29	
	05/07/2007	563.56	43.30	ND	ND	N/A	520.26	
	06/04/2007	563.56	43.22	ND	ND	N/A	520.34	
	07/02/2007	563.56	44.40	ND	ND	N/A	519.16	
	08/13/2007	563.56	43.36	ND	ND	N/A	520.20	
	09/17/2007	563.56	43.22	ND	ND	N/A	520.34	
	10/08/2007	563.56	41.78	ND	ND	N/A	521.78	
	11/05/2007	563.56	43.47	ND	ND	N/A	520.09	
	12/03/2007	563.56	28.16	ND	ND	N/A	535.40	
	01/07/2008	563.56	43.35	ND	ND	N/A	520.21	
	02/05/2008	563.56	43.12	ND	ND	N/A	520.44	
	03/11/2008	563.56	43.10	ND	ND	N/A	520.46	
	04/22/2008	563.56	43.85	ND	ND	N/A	519.71	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-137 [R]	05/13/2008	563.56	43.20	ND	ND	N/A	520.36	
	06/10/2008	563.56	42.65	ND	ND	N/A	520.91	
	07/23/2008	563.56	43.28	ND	ND	N/A	520.28	
	08/13/2008	563.56	43.22	ND	ND	N/A	520.34	
	09/16/2008	563.56	43.21	ND	ND	N/A	520.35	
	10/15/2008	563.56	43.42	ND	ND	N/A	520.14	
	11/20/2008	563.56	43.27	ND	ND	N/A	520.29	
	12/08/2008	563.56	43.71	ND	ND	N/A	519.85	
	01/22/2009	563.56	43.40	ND	ND	N/A	520.16	
	02/19/2009	563.56	43.28	ND	ND	N/A	520.28	
	03/06/2009	563.56	43.57	ND	ND	N/A	519.99	
	04/16/2009	563.56	43.31	ND	ND	N/A	520.25	
	05/07/2009	563.56	43.35	ND	ND	N/A	520.21	
	06/03/2009	563.56	43.32	ND	ND	N/A	520.24	
	07/07/2009	563.56	43.31	ND	ND	N/A	520.25	
	08/06/2009	563.56	43.35	ND	ND	N/A	520.21	
	09/02/2009	563.56	43.35	ND	ND	N/A	520.21	
	10/06/2009	563.56	43.49	ND	ND	N/A	520.07	
	11/05/2009	563.56	43.45	ND	ND	N/A	520.11	
	12/04/2009	563.56	43.32	ND	ND	N/A	520.24	
	01/07/2010	563.56	42.05	ND	ND	N/A	521.51	
	02/03/2010	563.56	42.44	ND	ND	N/A	521.12	
	03/02/2010	563.56	43.40	ND	ND	N/A	520.16	
	04/07/2010	563.56	40.25	ND	ND	N/A	523.31	
	05/05/2010	563.56	43.37	ND	ND	N/A	520.19	
	06/02/2010	563.56	43.41	ND	ND	N/A	520.15	
	07/08/2010	563.56	43.37	ND	ND	N/A	520.19	
	08/04/2010	563.56	43.81	ND	ND	N/A	519.75	
	09/03/2010	563.56	43.81	ND	ND	N/A	519.75	
	10/06/2010	563.56	43.41	ND	ND	N/A	520.15	
	11/03/2010	563.56	43.47	ND	ND	N/A	520.09	
	12/02/2010	563.56	43.41	ND	ND	N/A	520.15	
	01/04/2011	563.56	43.41	ND	ND	N/A	520.15	
	02/01/2011	563.56	43.40	ND	ND	N/A	520.16	
	03/08/2011	563.56	43.27	ND	ND	N/A	520.29	
	04/07/2011	563.56	43.31	ND	ND	N/A	520.25	
	05/02/2011	563.56	43.34	ND	ND	N/A	520.22	
	06/01/2011	563.56	43.42	ND	ND	N/A	520.14	
	07/05/2011	563.56	43.53	ND	ND	N/A	520.03	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-138	04/20/2006	570.58	28.35	ND	ND	N/A	542.23	
	04/21/2006	570.58	29.01	ND	ND	N/A	541.57	
	04/24/2006	570.58	28.30	ND	ND	N/A	542.28	
	04/26/2006	570.58	28.40	ND	ND	N/A	542.18	
	04/28/2006	570.58	28.48	ND	ND	N/A	542.10	
	05/01/2006	570.58	28.64	ND	ND	N/A	541.94	
	05/08/2006	570.58	28.79	ND	ND	N/A	541.79	
	05/15/2006	570.58	28.84	ND	ND	N/A	541.74	
	05/22/2006	570.58	29.23	ND	ND	N/A	541.35	
	05/30/2006	570.58	29.65	ND	ND	N/A	540.93	
	06/05/2006	570.58	29.94	ND	ND	N/A	540.64	
	06/12/2006	570.58	30.15	ND	ND	N/A	540.43	
	06/19/2006	570.58	30.40	ND	ND	N/A	540.18	
	06/26/2006	570.58	30.38	ND	ND	N/A	540.20	
	07/03/2006	570.58	28.48	ND	ND	N/A	542.10	
	07/05/2006	570.58	27.84	ND	ND	N/A	542.74	
	07/10/2006	570.58	27.60	ND	ND	N/A	542.98	
	07/17/2006	570.58	27.79	ND	ND	N/A	542.79	
	07/24/2006	570.58	27.41	ND	ND	N/A	543.17	
	07/31/2006	570.58	27.64	ND	ND	N/A	542.94	
	08/14/2006	570.58	28.47	ND	ND	N/A	542.11	
	08/28/2006	570.58	29.14	ND	ND	N/A	541.44	
	09/11/2006	570.58	29.23	ND	ND	N/A	541.35	
	09/25/2006	570.58	DRY	DRY	DRY	DRY	DRY	
	10/09/2006	570.58	30.01	ND	ND	N/A	540.57	
	10/23/2006	570.58	30.12	ND	ND	N/A	540.46	
	11/06/2006	570.58	29.96	ND	ND	N/A	540.62	
	11/20/2006	570.58	29.34	ND	ND	N/A	541.24	
	12/04/2006	570.58	28.54	ND	ND	N/A	542.04	
	12/18/2006	570.58	27.78	ND	ND	N/A	542.80	
	01/02/2007	570.58	28.11	ND	ND	N/A	542.47	
	01/15/2007	570.58	27.54	ND	ND	N/A	543.04	
	01/29/2007	570.58	27.88	ND	ND	N/A	542.70	
	02/12/2007	570.58	28.48	ND	ND	N/A	542.10	
	02/27/2007	570.58	29.00	ND	ND	N/A	541.58	
	03/12/2007	570.58	28.80	ND	ND	N/A	541.78	
	03/26/2007	570.58	28.29	ND	ND	N/A	542.29	
	04/09/2007	570.58	28.34	ND	ND	N/A	542.24	
	05/07/2007	570.58	27.91	ND	ND	N/A	542.67	
	06/04/2007	570.58	28.58	ND	ND	N/A	542.00	
	07/02/2007	570.58	30.03	ND	ND	N/A	540.55	
	08/13/2007	570.58	31.15	ND	ND	N/A	539.43	
	09/10/2007	570.58	32.33	ND	ND	N/A	538.25	
	10/08/2007	570.58	34.76	ND	ND	N/A	535.82	
	11/05/2007	570.58	32.84	ND	ND	N/A	537.74	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-138	12/03/2007	570.58	33.65	ND	ND	N/A	536.93	
	01/07/2008	570.58	33.16	ND	ND	N/A	537.42	
	02/05/2008	570.58	33.34	ND	ND	N/A	537.24	
	03/11/2008	570.58	33.08	ND	ND	N/A	537.50	
	04/22/2008	570.58	31.20	ND	ND	N/A	539.38	
	05/13/2008	570.58	30.87	ND	ND	N/A	539.71	
	06/09/2008	570.58	29.30	ND	ND	N/A	541.28	
	07/23/2008	570.58	29.75	ND	ND	N/A	540.83	
	08/13/2008	570.58	30.05	ND	ND	N/A	540.53	
	09/16/2008	570.58	30.98	ND	ND	N/A	539.60	
	10/15/2008	570.58	31.22	ND	ND	N/A	539.36	
	11/20/2008	570.58	31.98	ND	ND	N/A	538.60	
	12/08/2008	570.58	32.66	ND	ND	N/A	537.92	
	01/19/2009	570.58	31.70	ND	ND	N/A	538.88	
	02/16/2009	570.58	32.00	ND	ND	N/A	538.58	
	03/05/2009	570.58	32.60	ND	ND	N/A	537.98	
	04/13/2009	570.58	32.92	ND	ND	N/A	537.66	
	05/05/2009	570.58	33.98	ND	ND	N/A	536.60	
	06/01/2009	570.58	30.78	ND	ND	N/A	539.80	
	07/02/2009	570.58	29.95	ND	ND	N/A	540.63	
	08/04/2009	570.58	29.92	ND	ND	N/A	540.66	
	09/01/2009	570.58	29.69	ND	ND	N/A	540.89	
	10/01/2009	570.58	29.95	ND	ND	N/A	540.63	
	11/03/2009	570.58	28.89	ND	ND	N/A	541.69	
	12/01/2009	570.58	28.44	ND	ND	N/A	542.14	
	01/04/2010	570.58	29.95	ND	ND	N/A	540.63	
	02/02/2010	570.58	25.88	ND	ND	N/A	544.70	
	03/03/2010	570.58	26.77	ND	ND	N/A	543.81	
	04/06/2010	570.58	25.41	ND	ND	N/A	545.17	
	05/06/2010	570.58	26.76	ND	ND	N/A	543.82	
	06/02/2010	570.58	28.08	ND	ND	N/A	542.50	
	07/08/2010	570.58	29.62	ND	ND	N/A	540.96	
	08/03/2010	570.58	30.73	ND	ND	N/A	539.85	
	09/02/2010	570.58	31.94	ND	ND	N/A	538.64	
	10/08/2010	570.58	32.46	ND	ND	N/A	538.12	
	11/03/2010	570.58	32.70	ND	ND	N/A	537.88	
	12/02/2010	570.58	33.30	ND	ND	N/A	537.28	
	01/05/2011	570.58	33.00	ND	ND	N/A	537.58	
	02/03/2011	570.58	32.87	ND	ND	N/A	537.71	
	03/03/2011	570.58	33.11	ND	ND	N/A	537.47	
	04/07/2011	570.58	28.53	ND	ND	N/A	542.05	
	04/26/2011	570.58	27.60	ND	ND	N/A	542.98	
	05/04/2011	570.58	27.55	ND	ND	N/A	543.03	
	05/19/2011	570.58	27.45	ND	ND	N/A	543.13	
	06/01/2011	570.58	27.61	ND	ND	N/A	542.97	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-138	07/06/2011	570.58	28.74	ND	ND	N/A	541.84	

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Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
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Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-142	05/08/2006	583.87	41.26	ND	ND	N/A	542.61	
	05/15/2006	583.87	41.28	ND	ND	N/A	542.59	
	05/22/2006	583.87	41.25	ND	ND	N/A	542.62	
	05/30/2006	583.87	41.38	ND	ND	N/A	542.49	
	06/05/2006	583.87	41.27	ND	ND	N/A	542.60	
	06/12/2006	583.87	41.16	ND	ND	N/A	542.71	
	06/19/2006	583.87	41.32	ND	ND	N/A	542.55	
	06/26/2006	583.87	41.41	ND	ND	N/A	542.46	
	07/03/2006	583.87	39.86	ND	ND	N/A	544.01	
	07/05/2006	583.87	39.80	ND	ND	N/A	544.07	
	07/10/2006	583.87	39.98	ND	ND	N/A	543.89	
	07/17/2006	583.87	40.34	ND	ND	N/A	543.53	
	07/24/2006	583.87	40.39	ND	ND	N/A	543.48	
	07/31/2006	583.87	40.57	ND	ND	N/A	543.30	
	08/14/2006	583.87	40.65	ND	ND	N/A	543.22	
	09/11/2006	583.87	40.21	ND	ND	N/A	543.66	
	09/25/2006	583.87	39.61	ND	ND	N/A	544.26	
	10/09/2006	583.87	40.92	ND	ND	N/A	542.95	
	10/23/2006	583.87	40.85	ND	ND	N/A	543.02	
	11/06/2006	583.87	40.77	ND	ND	N/A	543.10	
	11/20/2006	583.87	40.57	ND	ND	N/A	543.30	
	12/04/2006	583.87	39.91	ND	ND	N/A	543.96	
	12/18/2006	583.87	40.31	ND	ND	N/A	543.56	
	01/02/2007	583.87	40.40	ND	ND	N/A	543.47	
	01/15/2007	583.87	40.10	ND	ND	N/A	543.77	
	01/29/2007	583.87	40.60	ND	ND	N/A	543.27	
	02/12/2007	583.87	40.88	ND	ND	N/A	542.99	
	02/27/2007	583.87	47.07	ND	ND	N/A	536.80	
	03/12/2007	583.87	40.93	ND	ND	N/A	542.94	
	03/26/2007	583.87	40.75	ND	ND	N/A	543.12	
	04/09/2007	583.87	40.83	ND	ND	N/A	543.04	
	05/07/2007	583.87	40.84	ND	ND	N/A	543.03	
	06/04/2007	583.87	40.99	ND	ND	N/A	542.88	
	07/02/2007	583.87	41.27	ND	ND	N/A	542.60	
	08/13/2007	583.87	41.91	ND	ND	N/A	541.96	
	09/10/2007	583.87	41.63	ND	ND	N/A	542.24	
	10/08/2007	583.87	41.78	ND	ND	N/A	542.09	
	11/05/2007	583.87	41.62	ND	ND	N/A	542.25	
	12/03/2007	583.87	41.88	ND	ND	N/A	541.99	
	01/07/2008	583.87	41.20	ND	ND	N/A	542.67	
	02/05/2008	583.87	41.34	ND	ND	N/A	542.53	
	03/11/2008	583.87	41.25	ND	ND	N/A	542.62	
	04/22/2008	583.87	41.15	ND	ND	N/A	542.72	
	05/13/2008	583.87	41.16	ND	ND	N/A	542.71	
	06/09/2008	583.87	40.78	ND	ND	N/A	543.09	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-142	07/23/2008	583.87	41.09	ND	ND	N/A	542.78	
	08/13/2008	583.87	41.18	ND	ND	N/A	542.69	
	09/18/2008	583.87	41.27	ND	ND	N/A	542.60	
	10/15/2008	583.87	41.30	ND	ND	N/A	542.57	
	11/20/2008	583.87	41.50	ND	ND	N/A	542.37	
	12/09/2008	583.87	41.53	ND	ND	N/A	542.34	
	01/19/2009	583.87	41.05	ND	ND	N/A	542.82	
	02/16/2009	583.87	41.24	ND	ND	N/A	542.63	
	03/05/2009	583.87	41.32	ND	ND	N/A	542.55	
	04/13/2009	583.87	41.49	ND	ND	N/A	542.38	
	05/06/2009	583.87	41.05	ND	ND	N/A	542.82	
	06/02/2009	583.87	39.92	ND	ND	N/A	543.95	
	07/01/2009	583.87	40.84	ND	ND	N/A	543.03	
	08/05/2009	583.87	40.90	ND	ND	N/A	542.97	
	09/01/2009	583.87	40.97	ND	ND	N/A	542.90	
	10/01/2009	583.87	40.71	ND	ND	N/A	543.16	
	11/03/2009	583.87	39.90	ND	ND	N/A	543.97	
	12/01/2009	583.87	40.06	ND	ND	N/A	543.81	
	01/04/2010	583.87	38.49	ND	ND	N/A	545.38	
	02/02/2010	583.87	38.98	ND	ND	N/A	544.89	
	03/03/2010	583.87	39.98	ND	ND	N/A	543.89	
	04/08/2010	583.87	38.50	ND	ND	N/A	545.37	
	05/04/2010	583.87	39.60	ND	ND	N/A	544.27	
	06/02/2010	583.87	40.42	ND	ND	N/A	543.45	
	07/06/2010	583.87	40.97	ND	ND	N/A	542.90	
	08/02/2010	583.87	41.20	ND	ND	N/A	542.67	
	09/02/2010	583.87	41.26	ND	ND	N/A	542.61	
	10/08/2010	583.87	40.95	ND	ND	N/A	542.92	
	11/01/2010	583.87	41.45	ND	ND	N/A	542.42	
	12/01/2010	583.87	41.53	ND	ND	N/A	542.34	
	01/03/2011	583.87	41.50	ND	ND	N/A	542.37	
	02/02/2011	583.87	41.53	ND	ND	N/A	542.34	
	03/03/2011	583.87	41.69	ND	ND	N/A	542.18	
	04/04/2011	583.87	39.71	ND	ND	N/A	544.16	
	04/26/2011	583.87	39.54	ND	ND	N/A	544.33	
	05/02/2011	583.87	39.80	ND	ND	N/A	544.07	
	05/19/2011	583.87	39.56	ND	ND	N/A	544.31	
	06/01/2011	583.87	39.45	ND	ND	N/A	544.42	
	07/06/2011	583.87	40.41	ND	ND	N/A	543.46	

Table 11
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-143	05/08/2006	584.39	38.91	ND	ND	N/A	545.48	
	05/15/2006	584.39	39.40	ND	ND	N/A	544.99	
	05/22/2006	584.39	39.84	ND	ND	N/A	544.55	
	05/30/2006	584.39	41.07	ND	ND	N/A	543.32	
	06/05/2006	584.39	41.23	ND	ND	N/A	543.16	
	06/12/2006	584.39	41.42	ND	ND	N/A	542.97	
	06/19/2006	584.39	41.33	ND	ND	N/A	543.06	
	06/26/2006	584.39	41.27	ND	ND	N/A	543.12	
	07/03/2006	584.39	39.18	ND	ND	N/A	545.21	
	07/05/2006	584.39	38.37	ND	ND	N/A	546.02	
	07/10/2006	584.39	37.89	ND	ND	N/A	546.50	
	07/17/2006	584.39	35.86	ND	ND	N/A	548.53	
	07/24/2006	584.39	36.02	ND	ND	N/A	548.37	
	07/31/2006	584.39	37.79	ND	ND	N/A	546.60	
	08/14/2006	584.39	38.58	ND	ND	N/A	545.81	
	08/28/2006	584.39	39.45	ND	ND	N/A	544.94	
	09/11/2006	584.39	39.57	ND	ND	N/A	544.82	
	09/25/2006	584.39	39.48	ND	ND	N/A	544.91	
	10/09/2006	584.39	39.42	ND	ND	N/A	544.97	
	10/23/2006	584.39	39.46	ND	ND	N/A	544.93	
	11/06/2006	584.39	39.21	ND	ND	N/A	545.18	
	11/20/2006	584.39	38.70	ND	ND	N/A	545.69	
	12/04/2006	584.39	37.58	ND	ND	N/A	546.81	
	12/18/2006	584.39	37.91	ND	ND	N/A	546.48	
	01/02/2007	584.39	38.63	ND	ND	N/A	545.76	
	01/15/2007	584.39	38.50	ND	ND	N/A	545.89	
	01/29/2007	584.39	38.41	ND	ND	N/A	545.98	
	02/12/2007	584.39	39.28	ND	ND	N/A	545.11	
	02/27/2007	584.39	39.41	ND	ND	N/A	544.98	
	03/12/2007	584.39	39.84	ND	ND	N/A	544.55	
	03/26/2007	584.39	39.87	ND	ND	N/A	544.52	
	04/09/2007	584.39	39.51	ND	ND	N/A	544.88	
	05/07/2007	584.39	38.57	ND	ND	N/A	545.82	
	06/04/2007	584.39	37.70	ND	ND	N/A	546.69	
	07/02/2007	584.39	39.74	ND	ND	N/A	544.65	
	09/10/2007	584.39	41.05	ND	ND	N/A	543.34	
	10/08/2007	584.39	41.20	ND	ND	N/A	543.19	
	11/05/2007	584.39	41.84	ND	ND	N/A	542.55	
	12/03/2007	584.39	42.25	ND	ND	N/A	542.14	
	01/07/2008	584.39	39.93	ND	ND	N/A	544.46	
	02/05/2008	584.39	39.28	ND	ND	N/A	545.11	
	03/11/2008	584.39	39.04	ND	ND	N/A	545.35	
	04/22/2008	584.39	38.58	ND	ND	N/A	545.81	
	05/13/2008	584.39	38.45	ND	ND	N/A	545.94	
	06/09/2008	584.39	37.56	ND	ND	N/A	546.83	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-143	07/23/2008	584.39	37.67	ND	ND	N/A	546.72	
	08/13/2008	584.39	38.45	ND	ND	N/A	545.94	
	09/18/2008	584.39	39.11	ND	ND	N/A	545.28	
	10/15/2008	584.39	39.20	ND	ND	N/A	545.19	
	11/20/2008	584.39	39.68	ND	ND	N/A	544.71	
	12/09/2008	584.39	39.92	ND	ND	N/A	544.47	
	01/19/2009	584.39	38.79	ND	ND	N/A	545.60	
	02/16/2009	584.39	39.43	ND	ND	N/A	544.96	
	03/05/2009	584.39	39.79	ND	ND	N/A	544.60	
	04/13/2009	584.39	39.44	ND	ND	N/A	544.95	
	05/06/2009	584.39	38.79	ND	ND	N/A	545.60	
	06/02/2009	584.39	38.67	ND	ND	N/A	545.72	
	07/01/2009	584.39	38.42	ND	ND	N/A	545.97	
	08/05/2009	584.39	39.29	ND	ND	N/A	545.10	
	09/01/2009	584.39	39.06	ND	ND	N/A	545.33	
	10/01/2009	584.39	38.55	ND	ND	N/A	545.84	
	11/03/2009	584.39	38.00	ND	ND	N/A	546.39	
	12/01/2009	584.39	37.55	ND	ND	N/A	546.84	
	01/04/2010	584.39	36.00	ND	ND	N/A	548.39	
	02/02/2010	584.39	36.11	ND	ND	N/A	548.28	
	03/03/2010	584.39	36.80	ND	ND	N/A	547.59	
	04/08/2010	584.39	34.72	ND	ND	N/A	549.67	
	05/04/2010	584.39	34.31	ND	ND	N/A	550.08	
	06/01/2010	584.39	37.15	ND	ND	N/A	547.24	
	07/06/2010	584.39	38.35	ND	ND	N/A	546.04	
	08/02/2010	584.39	39.44	ND	ND	N/A	544.95	
	09/02/2010	584.39	40.45	ND	ND	N/A	543.94	
	10/08/2010	584.39	40.96	ND	ND	N/A	543.43	
	11/01/2010	584.39	40.80	ND	ND	N/A	543.59	
	12/01/2010	584.39	41.59	ND	ND	N/A	542.80	
	01/03/2011	584.39	41.93	ND	ND	N/A	542.46	
	02/02/2011	584.39	42.07	ND	ND	N/A	542.32	
	03/03/2011	584.39	43.12	ND	ND	N/A	541.27	
	04/04/2011	584.39	38.96	ND	ND	N/A	545.43	
	04/26/2011	584.39	39.15	ND	ND	N/A	545.24	
	05/02/2011	584.39	39.12	ND	ND	N/A	545.27	
	05/19/2011	584.39	37.85	ND	ND	N/A	546.54	
	06/01/2011	584.39	37.99	ND	ND	N/A	546.40	
	07/06/2011	584.39	39.30	ND	ND	N/A	545.09	

Table 11
Near Northeast Area Monitoring Well Gauging Data
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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-166A	12/05/2007	590.15	35.95	ND	ND	N/A	554.20	
	01/07/2008	590.15	36.27	ND	ND	N/A	553.88	
	03/05/2008	590.15	36.71	ND	ND	N/A	553.44	
	03/11/2008	590.15	36.39	ND	ND	N/A	553.76	
	04/22/2008	590.15	36.43	ND	ND	N/A	553.72	
	05/13/2008	590.15	35.48	ND	ND	N/A	554.67	
	06/09/2008	590.15	35.74	ND	ND	N/A	554.41	
	07/23/2008	590.15	35.49	ND	ND	N/A	554.66	
	08/13/2008	590.15	35.73	ND	ND	N/A	554.42	
	09/16/2008	590.15	35.63	ND	ND	N/A	554.52	
	10/15/2008	590.15	36.26	ND	ND	N/A	553.89	
	11/20/2008	590.15	36.06	ND	ND	N/A	554.09	
	12/08/2008	590.15	36.58	ND	ND	N/A	553.57	
	01/19/2009	590.15	36.50	ND	ND	N/A	553.65	
	02/16/2009	590.15	36.95	ND	ND	N/A	553.20	
	03/05/2009	590.15	36.92	ND	ND	N/A	553.23	
	04/13/2009	590.15	36.18	ND	ND	N/A	553.97	
	05/06/2009	590.15	35.28	ND	ND	N/A	554.87	
	06/02/2009	590.15	35.86	ND	ND	N/A	554.29	
	07/02/2009	590.15	35.40	ND	ND	N/A	554.75	
	08/05/2009	590.15	34.91	ND	ND	N/A	555.24	
	09/01/2009	590.15	34.99	ND	ND	N/A	555.16	
	10/01/2009	590.15	35.03	ND	ND	N/A	555.12	
	11/03/2009	590.15	34.98	ND	ND	N/A	555.17	
	12/01/2009	590.15	34.91	ND	ND	N/A	555.24	
	01/04/2010	590.15	34.35	ND	ND	N/A	555.80	
	02/02/2010	590.15	34.19	ND	ND	N/A	555.96	
	03/03/2010	590.15	34.30	ND	ND	N/A	555.85	
	04/08/2010	590.15	34.05	ND	ND	N/A	556.10	
	05/04/2010	590.15	34.22	ND	ND	N/A	555.93	
	06/02/2010	590.15	34.53	ND	ND	N/A	555.62	
	07/06/2010	590.15	35.06	ND	ND	N/A	555.09	
	08/02/2010	590.15	35.72	ND	ND	N/A	554.43	
	09/02/2010	590.15	35.83	ND	ND	N/A	554.32	
	10/08/2010	590.15	35.11	ND	ND	N/A	555.04	
	11/01/2010	590.15	36.23	ND	ND	N/A	553.92	
	12/01/2010	590.15	38.82	ND	ND	N/A	551.33	
	01/03/2011	590.15	36.60	ND	ND	N/A	553.55	
	02/02/2011	590.15	36.79	ND	ND	N/A	553.36	
	03/03/2011	590.15	36.24	ND	ND	N/A	553.91	
	04/04/2011	590.15	34.72	ND	ND	N/A	555.43	
	04/26/2011	590.15	34.37	ND	ND	N/A	555.78	
	05/02/2011	590.15	34.38	ND	ND	N/A	555.77	
	05/19/2011	590.15	34.27	ND	ND	N/A	555.88	
	06/01/2011	590.15	34.40	ND	ND	N/A	555.75	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-166A	07/06/2011	590.15	34.39	ND	ND	N/A	555.76	
MW-166B	12/05/2007	589.43	36.35	ND	ND	N/A	553.08	
	01/07/2008	589.43	36.41	ND	ND	N/A	553.02	
	03/05/2008	589.43	36.60	ND	ND	N/A	552.83	
	03/11/2008	589.43	36.46	ND	ND	N/A	552.97	
	04/22/2008	589.43	36.43	ND	ND	N/A	553.00	
	05/13/2008	589.43	36.11	ND	ND	N/A	553.32	
	06/09/2008	589.43	36.21	ND	ND	N/A	553.22	
	07/23/2008	589.43	35.47	ND	ND	N/A	553.96	
	08/13/2008	589.43	35.54	ND	ND	N/A	553.89	
	09/16/2008	589.43	36.04	ND	ND	N/A	553.39	
	10/15/2008	589.43	36.22	ND	ND	N/A	553.21	
	11/20/2008	589.43	36.21	ND	ND	N/A	553.22	
	12/08/2008	589.43	36.23	ND	ND	N/A	553.20	
	01/19/2009	589.43	36.47	ND	ND	N/A	552.96	
	02/16/2009	589.43	36.36	ND	ND	N/A	553.07	
	03/05/2009	589.43	36.49	ND	ND	N/A	552.94	
	04/13/2009	589.43	36.18	ND	ND	N/A	553.25	
	05/06/2009	589.43	36.21	ND	ND	N/A	553.22	
	06/02/2009	589.43	36.22	ND	ND	N/A	553.21	
	07/02/2009	589.43	35.88	ND	ND	N/A	553.55	
	08/05/2009	589.43	35.28	ND	ND	N/A	554.15	
	09/01/2009	589.43	34.90	ND	ND	N/A	554.53	
	10/01/2009	589.43	35.38	ND	ND	N/A	554.05	
	11/03/2009	589.43	35.11	ND	ND	N/A	554.32	
	12/01/2009	589.43	34.63	ND	ND	N/A	554.80	
	01/04/2010	589.43	34.51	ND	ND	N/A	554.92	
	02/02/2010	589.43	34.44	ND	ND	N/A	554.99	
	03/03/2010	589.43	34.47	ND	ND	N/A	554.96	
	04/08/2010	589.43	34.38	ND	ND	N/A	555.05	
	05/04/2010	589.43	34.71	ND	ND	N/A	554.72	
	06/02/2010	589.43	34.92	ND	ND	N/A	554.51	
	07/06/2010	589.43	35.09	ND	ND	N/A	554.34	
	08/02/2010	589.43	35.48	ND	ND	N/A	553.95	
	09/02/2010	589.43	35.77	ND	ND	N/A	553.66	
	10/08/2010	589.43	35.06	ND	ND	N/A	554.37	
	11/01/2010	589.43	35.82	ND	ND	N/A	553.61	
	12/01/2010	589.43	38.46	ND	ND	N/A	550.97	
	01/03/2011	589.43	37.20	ND	ND	N/A	552.23	
	02/02/2011	589.43	37.18	ND	ND	N/A	552.25	
	03/03/2011	589.43	35.86	ND	ND	N/A	553.57	
	04/04/2011	589.43	34.92	ND	ND	N/A	554.51	
	05/02/2011	589.43	35.11	ND	ND	N/A	554.32	
	06/01/2011	589.43	35.47	ND	ND	N/A	553.96	
	07/06/2011	589.43	34.98	ND	ND	N/A	554.45	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-167	03/16/2009	581.00	36.87	ND	ND	N/A	544.13	
	03/23/2009	581.00	36.85	ND	ND	N/A	544.15	
	03/30/2009	581.00	36.82	ND	ND	N/A	544.18	
	04/13/2009	581.00	36.83	ND	ND	N/A	544.17	
	05/05/2009	581.00	37.09	ND	ND	N/A	543.91	
	06/01/2009	581.00	46.35	ND	ND	N/A	534.65	
	07/02/2009	581.00	51.56	ND	ND	N/A	529.44	
	08/04/2009	581.00	50.99	ND	ND	N/A	530.01	
	09/01/2009	581.00	DRY	DRY	DRY	DRY	DRY	
	10/01/2009	581.00	DRY	DRY	DRY	DRY	DRY	
	11/03/2009	581.00	DRY	DRY	DRY	DRY	DRY	
	12/01/2009	581.00	DRY	DRY	DRY	DRY	DRY	
	01/04/2010	581.00	DRY	DRY	DRY	DRY	DRY	
	01/26/2010	581.00	DRY	DRY	DRY	DRY	DRY	
	02/01/2010	581.00	DRY	DRY	DRY	DRY	DRY	
	03/01/2010	581.00	DRY	DRY	DRY	DRY	DRY	
	03/23/2010	581.00	DRY	DRY	DRY	DRY	DRY	
	04/05/2010	581.00	DRY	DRY	DRY	DRY	DRY	Dry
	05/04/2010	581.00	DRY	DRY	DRY	DRY	DRY	Dry
	06/01/2010	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	07/06/2010	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	08/03/2010	581.01	DRY	DRY	DRY	DRY	DRY	DRY
	09/02/2010	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	10/08/2010	581.01	DRY	DRY	DRY	DRY	DRY	DRY
	11/02/2010	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	12/02/2010	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	01/04/2011	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	02/03/2011	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	03/03/2011	581.01	DRY	DRY	DRY	DRY	DRY	
	04/04/2011	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	04/26/2011	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	05/02/2011	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	05/19/2011	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	06/01/2011	581.01	DRY	DRY	DRY	DRY	DRY	Dry
	07/06/2011	581.01	DRY	DRY	DRY	DRY	DRY	Dry

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-168	03/16/2009	581.57	39.86	ND	ND	N/A	541.71	
	03/23/2009	581.57	38.89	ND	ND	N/A	542.68	
	03/30/2009	581.57	38.94	ND	ND	N/A	542.63	
	08/03/2010	581.57	101.98	ND	ND	N/A	479.59	
	09/03/2010	581.57	98.41	ND	ND	N/A	483.16	
	10/12/2010	581.57	102.45	ND	ND	N/A	479.12	
	11/02/2010	581.57	103.73	ND	ND	N/A	477.84	
	12/02/2010	581.57	101.75	ND	ND	N/A	479.82	
	01/04/2011	581.57	103.91	ND	ND	N/A	477.66	
	02/03/2011	581.57	84.85	ND	ND	N/A	496.72	
	03/03/2011	581.57	98.93	ND	ND	N/A	482.64	
	04/04/2011	581.57	93.05	ND	ND	N/A	488.52	
	05/02/2011	581.57	91.40	ND	ND	N/A	490.17	
	06/01/2011	581.57	78.00	ND	ND	N/A	503.57	
	07/05/2011	581.57	89.37	ND	ND	N/A	492.20	
MW-168(0-100)	04/13/2009	581.57	39.11	ND	ND	N/A	542.46	
	05/05/2009	581.57	39.16	ND	ND	N/A	542.41	
	06/01/2009	581.57	45.22	ND	ND	N/A	536.35	
	07/02/2009	581.57	51.98	ND	ND	N/A	529.59	
	08/05/2009	581.57	51.92	ND	ND	N/A	529.65	
	09/01/2009	581.57	62.60	ND	ND	N/A	518.97	
	10/01/2009	581.57	62.89	ND	ND	N/A	518.68	
	11/03/2009	581.57	63.81	ND	ND	N/A	517.76	
	12/03/2009	581.57	64.15	ND	ND	N/A	517.42	
	01/04/2010	581.57	65.11	ND	ND	N/A	516.46	
	02/01/2010	581.57	65.20	ND	ND	N/A	516.37	
	03/01/2010	581.57	65.55	ND	ND	N/A	516.02	
	04/05/2010	581.57	DRY	DRY	DRY	DRY	DRY	Dry
	05/04/2010	581.57	DRY	DRY	DRY	DRY	DRY	Dry
	06/01/2010	581.57	DRY	DRY	DRY	DRY	DRY	Dry
	07/06/2010	581.57	DRY	DRY	DRY	DRY	DRY	Dry

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-168(100-250)	04/13/2009	581.83	39.39	ND	ND	N/A	542.44	
	05/05/2009	581.83	39.31	ND	ND	N/A	542.52	
	06/01/2009	581.83	45.51	ND	ND	N/A	536.32	
	07/02/2009	581.83	52.27	ND	ND	N/A	529.56	
	08/05/2009	581.83	52.23	ND	ND	N/A	529.60	
	09/01/2009	581.83	62.86	ND	ND	N/A	518.97	
	10/01/2009	581.83	62.77	ND	ND	N/A	519.06	
	11/03/2009	581.83	64.08	ND	ND	N/A	517.75	
	12/03/2009	581.83	64.38	ND	ND	N/A	517.45	
	01/04/2010	581.83	65.50	ND	ND	N/A	516.33	
	02/01/2010	581.83	65.90	ND	ND	N/A	515.93	
	03/01/2010	581.83	65.84	ND	ND	N/A	515.99	
	04/05/2010	581.83	102.26	ND	ND	N/A	479.57	
	05/04/2010	581.83	103.15	ND	ND	N/A	478.68	
	06/01/2010	581.83	103.44	ND	ND	N/A	478.39	
	07/06/2010	581.83	103.40	ND	ND	N/A	478.43	
MW-169 [R]	05/13/2009	581.51	40.33	ND	ND	N/A	541.18	
	06/03/2009	581.45	45.12	ND	ND	N/A	536.33	
	07/02/2009	581.45	41.89	ND	ND	N/A	539.56	
	08/06/2009	581.45	42.45	ND	ND	N/A	539.00	
	09/02/2009	581.45	49.80	ND	ND	N/A	531.65	
	10/06/2009	581.45	49.75	ND	ND	N/A	531.70	
	11/05/2009	581.45	49.69	ND	ND	N/A	531.76	
	12/03/2009	581.45	50.11	ND	ND	N/A	531.34	
	01/06/2010	581.45	51.51	ND	ND	N/A	529.94	
	02/03/2010	581.45	50.90	ND	ND	N/A	530.55	
	03/02/2010	581.45	51.80	ND	ND	N/A	529.65	
	04/07/2010	581.45	90.39	ND	ND	N/A	491.06	
	05/04/2010	581.45	90.62	ND	ND	N/A	490.83	
	06/01/2010	581.45	98.74	ND	ND	N/A	482.71	
	07/06/2010	581.45	93.45	ND	ND	N/A	488.00	
	08/03/2010	581.45	93.08	ND	ND	N/A	488.37	
	09/03/2010	581.45	92.98	ND	ND	N/A	488.47	
	10/05/2010	581.45	90.12	ND	ND	N/A	491.33	
	11/02/2010	581.45	95.52	ND	ND	N/A	485.93	
	12/07/2010	581.45	92.16	ND	ND	N/A	489.29	
	01/04/2011	581.45	95.40	ND	ND	N/A	486.05	
	02/04/2011	581.45	96.89	ND	ND	N/A	484.56	
	03/08/2011	581.45	95.52	ND	ND	N/A	485.93	
	04/05/2011	581.45	95.49	ND	ND	N/A	485.96	
	05/03/2011	581.45	95.62	ND	ND	N/A	485.83	
	06/01/2011	581.45	95.69	ND	ND	N/A	485.76	
	07/05/2011	581.45	96.15	ND	ND	N/A	485.30	

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Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-170 [R]	05/13/2009	581.37	39.51	ND	ND	N/A	541.86	
	06/03/2009	581.34	55.40	ND	ND	N/A	525.94	
	07/02/2009	581.34	55.30	ND	ND	N/A	526.04	
	08/06/2009	581.34	55.91	ND	ND	N/A	525.43	
	09/02/2009	581.34	67.28	ND	ND	N/A	514.06	
	10/06/2009	581.34	67.26	ND	ND	N/A	514.08	
	11/05/2009	581.34	67.14	ND	ND	N/A	514.20	
	12/03/2009	581.34	67.24	ND	ND	N/A	514.10	
	01/06/2010	581.34	66.97	ND	ND	N/A	514.37	
	02/03/2010	581.34	67.26	ND	ND	N/A	514.08	
	03/02/2010	581.34	67.35	ND	ND	N/A	513.99	
	04/07/2010	581.34	95.99	ND	ND	N/A	485.35	
	05/04/2010	581.34	96.21	ND	ND	N/A	485.13	
	06/01/2010	581.34	96.11	ND	ND	N/A	485.23	
	07/06/2010	581.34	96.15	ND	ND	N/A	485.19	
	08/03/2010	581.34	96.24	ND	ND	N/A	485.10	
	09/03/2010	581.34	96.31	ND	ND	N/A	485.03	
	10/05/2010	581.34	96.21	ND	ND	N/A	485.13	
	11/02/2010	581.34	96.24	ND	ND	N/A	485.10	
	12/07/2010	581.34	96.25	ND	ND	N/A	485.09	
	01/04/2011	581.34	96.25	ND	ND	N/A	485.09	
	02/04/2011	581.34	96.18	ND	ND	N/A	485.16	
	03/08/2011	581.34	96.43	ND	ND	N/A	484.91	
	04/05/2011	581.34	96.27	ND	ND	N/A	485.07	
	05/03/2011	581.34	96.19	ND	ND	N/A	485.15	
	06/01/2011	581.34	95.49	ND	ND	N/A	485.85	
	07/05/2011	581.34	96.28	ND	ND	N/A	485.06	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-171 [R]	05/13/2009	581.62	39.92	ND	ND	N/A	541.70	
	06/03/2009	581.59	51.33	ND	ND	N/A	530.26	
	07/02/2009	581.59	51.90	ND	ND	N/A	529.69	
	08/06/2009	581.59	52.69	ND	ND	N/A	528.90	
	09/02/2009	581.59	60.21	ND	ND	N/A	521.38	
	10/06/2009	581.59	60.40	ND	ND	N/A	521.19	
	11/05/2009	581.59	60.33	ND	ND	N/A	521.26	
	12/03/2009	581.59	61.08	ND	ND	N/A	520.51	
	01/06/2010	581.59	60.31	ND	ND	N/A	521.28	
	02/03/2010	581.59	60.00	ND	ND	N/A	521.59	
	03/02/2010	581.59	59.69	ND	ND	N/A	521.90	
	04/07/2010	581.59	101.60	ND	ND	N/A	479.99	
	05/04/2010	581.59	101.54	ND	ND	N/A	480.05	
	06/01/2010	581.59	101.80	ND	ND	N/A	479.79	
	07/06/2010	581.59	101.27	ND	ND	N/A	480.32	
	08/03/2010	581.59	101.20	ND	ND	N/A	480.39	
	09/03/2010	581.59	101.24	ND	ND	N/A	480.35	
	10/05/2010	581.59	101.11	ND	ND	N/A	480.48	
	11/02/2010	581.59	101.28	ND	ND	N/A	480.31	
	12/07/2010	581.59	101.08	ND	ND	N/A	480.51	
	01/04/2011	581.59	101.14	ND	ND	N/A	480.45	
	02/04/2011	581.59	101.10	ND	ND	N/A	480.49	
	03/08/2011	581.59	101.27	ND	ND	N/A	480.32	
	04/05/2011	581.59	101.13	ND	ND	N/A	480.46	
	05/03/2011	581.59	101.15	ND	ND	N/A	480.44	
	06/01/2011	581.59	101.26	ND	ND	N/A	480.33	
	07/05/2011	581.59	101.39	ND	ND	N/A	480.20	
MW-171C	06/01/2010	581.26	169.90	ND	ND	N/A	411.36	
	07/06/2010	581.26	162.98	ND	ND	N/A	418.28	
	08/03/2010	581.26	111.49	ND	ND	N/A	469.77	
	09/02/2010	581.26	119.85	ND	ND	N/A	461.41	
	10/08/2010	581.26	87.85	ND	ND	N/A	493.41	
	11/02/2010	581.26	77.11	ND	ND	N/A	504.15	
	12/02/2010	581.26	72.12	ND	ND	N/A	509.14	
	01/04/2011	581.26	69.45	ND	ND	N/A	511.81	
	02/03/2011	581.26	68.25	ND	ND	N/A	513.01	
	03/03/2011	581.26	109.36	ND	ND	N/A	471.90	
	04/04/2011	581.26	85.36	ND	ND	N/A	495.90	
	05/02/2011	581.26	74.09	ND	ND	N/A	507.17	
	06/01/2011	581.26	68.49	ND	ND	N/A	512.77	
	07/06/2011	581.26	65.60	ND	ND	N/A	515.66	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-177	06/01/2010	581.30	106.71	ND	ND	N/A	474.59	
	07/06/2010	581.30	105.17	ND	ND	N/A	476.13	
	08/10/2010	581.30	104.89	ND	ND	N/A	476.41	
	09/02/2010	581.30	104.35	ND	ND	N/A	476.95	
	10/12/2010	581.30	103.60	ND	ND	N/A	477.70	
	11/02/2010	581.30	104.41	ND	ND	N/A	476.89	
	12/02/2010	581.30	104.84	ND	ND	N/A	476.46	
	01/05/2011	581.30	104.30	ND	ND	N/A	477.00	
	02/03/2011	581.30	89.71	ND	ND	N/A	491.59	
	03/03/2011	581.30	100.40	ND	ND	N/A	480.90	
	04/04/2011	581.30	100.56	ND	ND	N/A	480.74	
	04/26/2011	581.30	90.00	ND	ND	N/A	491.30	
	05/02/2011	581.30	101.15	ND	ND	N/A	480.15	
	06/01/2011	581.30	91.20	ND	ND	N/A	490.10	
	07/05/2011	581.30	97.82	ND	ND	N/A	483.48	
MW-178A	11/02/2010	592.58	48.55	ND	ND	N/A	544.03	
	12/02/2010	592.58	48.68	ND	ND	N/A	543.90	
	01/05/2011	592.58	49.31	ND	ND	N/A	543.27	
	02/03/2011	592.58	48.39	ND	ND	N/A	544.19	
	03/03/2011	592.58	49.42	ND	ND	N/A	543.16	
	04/04/2011	592.58	46.95	ND	ND	N/A	545.63	
	04/26/2011	592.58	44.58	ND	ND	N/A	548.00	
	05/02/2011	592.58	45.80	ND	ND	N/A	546.78	
	05/19/2011	592.58	45.11	ND	ND	N/A	547.47	
	06/01/2011	592.58	44.45	ND	ND	N/A	548.13	
	07/06/2011	592.58	44.80	ND	ND	N/A	547.78	
MW-178B	11/02/2010	592.25	48.33	ND	ND	N/A	543.92	
	12/02/2010	592.25	48.40	ND	ND	N/A	543.85	
	01/05/2011	592.25	49.03	ND	ND	N/A	543.22	
	02/03/2011	592.25	48.97	ND	ND	N/A	543.28	
	03/03/2011	592.25	49.16	ND	ND	N/A	543.09	
	04/04/2011	592.25	46.66	ND	ND	N/A	545.59	
	05/02/2011	592.25	45.52	ND	ND	N/A	546.73	
	06/01/2011	592.25	44.16	ND	ND	N/A	548.09	
	07/06/2011	592.25	44.50	ND	ND	N/A	547.75	
MW-178C [R]	11/02/2010	592.47	88.90	ND	ND	N/A	503.57	
	12/02/2010	592.47	83.47	ND	ND	N/A	509.00	
	01/04/2011	592.43	123.60	ND	ND	N/A	468.83	
	02/04/2011	592.43	75.11	ND	ND	N/A	517.32	
	03/08/2011	592.43	123.62	ND	ND	N/A	468.81	
	04/05/2011	592.47	123.69	ND	ND	N/A	468.78	
	05/03/2011	592.47	123.32	ND	ND	N/A	469.15	
	06/01/2011	592.47	123.37	ND	ND	N/A	469.10	
	07/05/2011	592.47	123.84	ND	ND	N/A	468.63	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-179A	11/02/2010	587.48	41.43	ND	ND	N/A	546.05	
	12/02/2010	587.48	42.24	ND	ND	N/A	545.24	
	01/05/2011	587.48	43.51	ND	ND	N/A	543.97	
	02/03/2011	587.48	44.92	ND	ND	N/A	542.56	
	03/03/2011	587.48	45.65	ND	ND	N/A	541.83	
	04/04/2011	587.48	41.58	ND	ND	N/A	545.90	
	04/26/2011	587.48	41.16	ND	ND	N/A	546.32	
	05/02/2011	587.48	40.79	ND	ND	N/A	546.69	
	05/19/2011	587.48	38.87	ND	ND	N/A	548.61	
	06/01/2011	587.48	39.47	ND	ND	N/A	548.01	
	07/06/2011	587.48	41.16	ND	ND	N/A	546.32	
MW-179C	11/02/2010	586.86	66.00	ND	ND	N/A	520.86	
	12/02/2010	586.86	64.90	ND	ND	N/A	521.96	
	01/04/2011	586.86	62.75	ND	ND	N/A	524.11	
	02/03/2011	586.86	59.42	ND	ND	N/A	527.44	
	03/03/2011	586.86	63.80	ND	ND	N/A	523.06	
	04/05/2011	586.86	60.17	ND	ND	N/A	526.69	
	05/02/2011	586.86	61.28	ND	ND	N/A	525.58	
	06/01/2011	586.86	60.73	ND	ND	N/A	526.13	
	07/06/2011	586.86	61.84	ND	ND	N/A	525.02	
MW-180A	11/02/2010	589.49	44.02	ND	ND	N/A	545.47	
	12/02/2010	589.49	44.34	ND	ND	N/A	545.15	
	01/04/2011	589.49	44.63	ND	ND	N/A	544.86	
	02/03/2011	589.49	45.00	ND	ND	N/A	544.49	
	03/03/2011	589.49	45.93	ND	ND	N/A	543.56	
	04/04/2011	589.49	44.68	ND	ND	N/A	544.81	
	04/26/2011	589.49	42.70	ND	ND	N/A	546.79	
	05/02/2011	589.49	43.16	ND	ND	N/A	546.33	
	05/19/2011	589.49	42.13	ND	ND	N/A	547.36	
	06/01/2011	589.49	41.36	ND	ND	N/A	548.13	
	07/06/2011	589.49	42.20	ND	ND	N/A	547.29	
MW-180C	11/04/2010	589.02	277.69	ND	ND	N/A	311.33	
	12/02/2010	589.02	145.03	ND	ND	N/A	443.99	
	01/04/2011	589.02	62.05	ND	ND	N/A	526.97	
	02/03/2011	589.02	58.02	ND	ND	N/A	531.00	
	03/03/2011	589.02	76.78	ND	ND	N/A	512.24	
	04/04/2011	589.02	59.22	ND	ND	N/A	529.80	
	05/02/2011	589.02	59.06	ND	ND	N/A	529.96	
	06/01/2011	589.02	59.50	ND	ND	N/A	529.52	
	07/06/2011	589.02	60.21	ND	ND	N/A	528.81	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-181A	11/04/2010	594.37	39.60	ND	ND	N/A	554.77	
	12/02/2010	594.37	39.47	ND	ND	N/A	554.90	
	01/04/2011	594.37	39.53	ND	ND	N/A	554.84	
	02/03/2011	594.37	39.58	ND	ND	N/A	554.79	
	03/03/2011	594.37	39.59	ND	ND	N/A	554.78	
	04/04/2011	594.37	38.31	ND	ND	N/A	556.06	
	04/26/2011	594.37	38.23	ND	ND	N/A	556.14	
	05/04/2011	594.37	38.20	ND	ND	N/A	556.17	
	05/20/2011	594.37	38.12	ND	ND	N/A	556.25	
	06/02/2011	594.37	38.06	ND	ND	N/A	556.31	
	07/06/2011	594.37	38.01	ND	ND	N/A	556.36	
MW-181B	11/22/2010	594.28	96.60	ND	ND	N/A	497.68	
	12/02/2010	594.28	116.85	ND	ND	N/A	477.43	
	01/06/2011	594.28	60.29	ND	ND	N/A	533.99	
	02/03/2011	594.28	60.40	ND	ND	N/A	533.88	
	03/03/2011	594.28	60.85	ND	ND	N/A	533.43	
	04/04/2011	594.28	60.24	ND	ND	N/A	534.04	
	05/04/2011	594.28	59.77	ND	ND	N/A	534.51	
	06/02/2011	594.28	59.78	ND	ND	N/A	534.50	
	07/06/2011	594.28	60.30	ND	ND	N/A	533.98	
MW-181C	11/22/2010	594.49	240.00	ND	ND	N/A	354.49	
	12/02/2010	594.49	262.42	ND	ND	N/A	332.07	
	01/04/2011	594.49	156.48	ND	ND	N/A	438.01	
	02/03/2011	594.49	101.12	ND	ND	N/A	493.37	
	03/03/2011	594.49	77.39	ND	ND	N/A	517.10	
	04/04/2011	594.49	63.41	ND	ND	N/A	531.08	
	05/04/2011	594.49	57.28	ND	ND	N/A	537.21	
	06/02/2011	594.49	53.80	ND	ND	N/A	540.69	
	07/06/2011	594.49	51.33	ND	ND	N/A	543.16	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
PW-3501	03/11/2008	593.05	42.30	ND	ND	N/A	550.75	
	04/22/2008	593.05	42.37	ND	ND	N/A	550.68	
	05/13/2008	593.05	41.85	ND	ND	N/A	551.20	
	06/09/2008	593.05	48.00	ND	ND	N/A	545.05	
	07/23/2008	593.05	41.25	ND	ND	N/A	551.80	
	08/13/2008	593.05	40.78	ND	ND	N/A	552.27	
	09/16/2008	593.05	41.92	ND	ND	N/A	551.13	
	10/15/2008	593.05	42.89	ND	ND	N/A	550.16	
	11/20/2008	593.05	43.10	ND	ND	N/A	549.95	
	12/08/2008	593.05	43.34	ND	ND	N/A	549.71	
	01/19/2009	593.05	43.09	ND	ND	N/A	549.96	
	02/16/2009	593.05	43.52	ND	ND	N/A	549.53	
	03/05/2009	593.05	44.38	ND	ND	N/A	548.67	
	04/13/2009	593.05	43.88	ND	ND	N/A	549.17	
	05/05/2009	593.05	46.10	ND	ND	N/A	546.95	
	06/02/2009	593.05	44.10	ND	ND	N/A	548.95	
	07/02/2009	593.05	43.61	ND	ND	N/A	549.44	
	08/04/2009	593.05	43.85	ND	ND	N/A	549.20	
	09/01/2009	593.05	48.08	ND	ND	N/A	544.97	
	10/01/2009	593.05	45.13	ND	ND	N/A	547.92	
	11/03/2009	593.05	42.95	ND	ND	N/A	550.10	
	12/01/2009	593.05	41.66	ND	ND	N/A	551.39	
	01/04/2010	593.05	32.50	ND	ND	N/A	560.55	
	02/01/2010	593.05	32.31	ND	ND	N/A	560.74	
	03/03/2010	593.05	32.39	ND	ND	N/A	560.66	
	04/06/2010	593.05	30.75	ND	ND	N/A	562.30	
	05/04/2010	593.05	32.10	ND	ND	N/A	560.95	
	06/01/2010	593.05	40.05	ND	ND	N/A	553.00	
	07/06/2010	593.05	41.76	ND	ND	N/A	551.29	
	08/03/2010	593.05	43.90	ND	ND	N/A	549.15	
	09/02/2010	593.05	45.36	ND	ND	N/A	547.69	
	10/08/2010	593.05	47.90	ND	ND	N/A	545.15	
	11/02/2010	593.05	47.81	ND	ND	N/A	545.24	
	12/02/2010	593.05	48.30	ND	ND	N/A	544.75	
	01/04/2011	593.05	48.85	ND	ND	N/A	544.20	
	02/03/2011	593.05	48.50	ND	ND	N/A	544.55	
	03/03/2011	593.05	48.77	ND	ND	N/A	544.28	
	04/04/2011	593.05	43.58	ND	ND	N/A	549.47	
	05/02/2011	593.05	42.58	ND	ND	N/A	550.47	
	06/01/2011	593.05	41.10	ND	ND	N/A	551.95	
	07/06/2011	593.05	42.01	ND	ND	N/A	551.04	

Table 11
Near Northeast Area Monitoring Well Gauging Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
PW-14311	03/11/2008	604.08	39.61	ND	ND	N/A	564.47	
	04/22/2008	604.08	39.10	ND	ND	N/A	564.98	
	05/13/2008	604.08	38.99	ND	ND	N/A	565.09	
	06/09/2008	604.08	38.43	ND	ND	N/A	565.65	
	07/23/2008	604.08	39.66	ND	ND	N/A	564.42	
	08/13/2008	604.08	39.88	ND	ND	N/A	564.20	
	09/16/2008	604.08	38.35	ND	ND	N/A	565.73	
	10/15/2008	604.08	40.63	ND	ND	N/A	563.45	
	11/20/2008	604.08	41.06	ND	ND	N/A	563.02	
	12/08/2008	604.08	41.20	ND	ND	N/A	562.88	
	01/19/2009	604.08	40.62	ND	ND	N/A	563.46	
	02/16/2009	604.08	40.70	ND	ND	N/A	563.38	
	03/05/2009	604.08	40.38	ND	ND	N/A	563.70	
	04/13/2009	604.08	40.87	ND	ND	N/A	563.21	
	05/05/2009	604.08	39.64	ND	ND	N/A	564.44	
	06/02/2009	604.08	38.55	ND	ND	N/A	565.53	
	07/02/2009	604.08	38.85	ND	ND	N/A	565.23	
	08/05/2009	604.08	39.88	ND	ND	N/A	564.20	
	09/01/2009	604.08	40.25	ND	ND	N/A	563.83	
	10/01/2009	604.08	39.97	ND	ND	N/A	564.11	
	11/03/2009	604.08	39.18	ND	ND	N/A	564.90	
	12/01/2009	604.08	38.36	ND	ND	N/A	565.72	
	01/04/2010	604.08	34.98	ND	ND	N/A	569.10	
	02/02/2010	604.08	36.38	ND	ND	N/A	567.70	
	03/02/2010	604.08	37.63	ND	ND	N/A	566.45	
	04/08/2010	604.08	35.82	ND	ND	N/A	568.26	
	05/04/2010	604.08	37.19	ND	ND	N/A	566.89	
	06/02/2010	604.08	38.75	ND	ND	N/A	565.33	
	07/06/2010	604.08	39.79	ND	ND	N/A	564.29	
	08/02/2010	604.08	40.66	ND	ND	N/A	563.42	
	09/02/2010	604.08	41.54	ND	ND	N/A	562.54	
	10/08/2010	604.08	41.69	ND	ND	N/A	562.39	
	11/01/2010	604.08	41.55	ND	ND	N/A	562.53	
	12/01/2010	604.08	42.57	ND	ND	N/A	561.51	
	01/03/2011	604.08	41.47	ND	ND	N/A	562.61	
	02/03/2011	604.08	43.48	ND	ND	N/A	560.60	
	03/03/2011	604.08	42.76	ND	ND	N/A	561.32	
	04/04/2011	604.08	37.00	ND	ND	N/A	567.08	
	05/02/2011	604.08	36.94	ND	ND	N/A	567.14	
	06/01/2011	604.08	37.20	ND	ND	N/A	566.88	
	07/06/2011	604.08	39.22	ND	ND	N/A	564.86	

Table 11

Near Northeast Area Monitoring Well Gauging Data

Inactive Exxon Facility #28077

14258 Jarrettsville Pike

Phoenix, MD

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments

Notes:

GW - Groundwater

ND - Not detected

NM - Not monitored

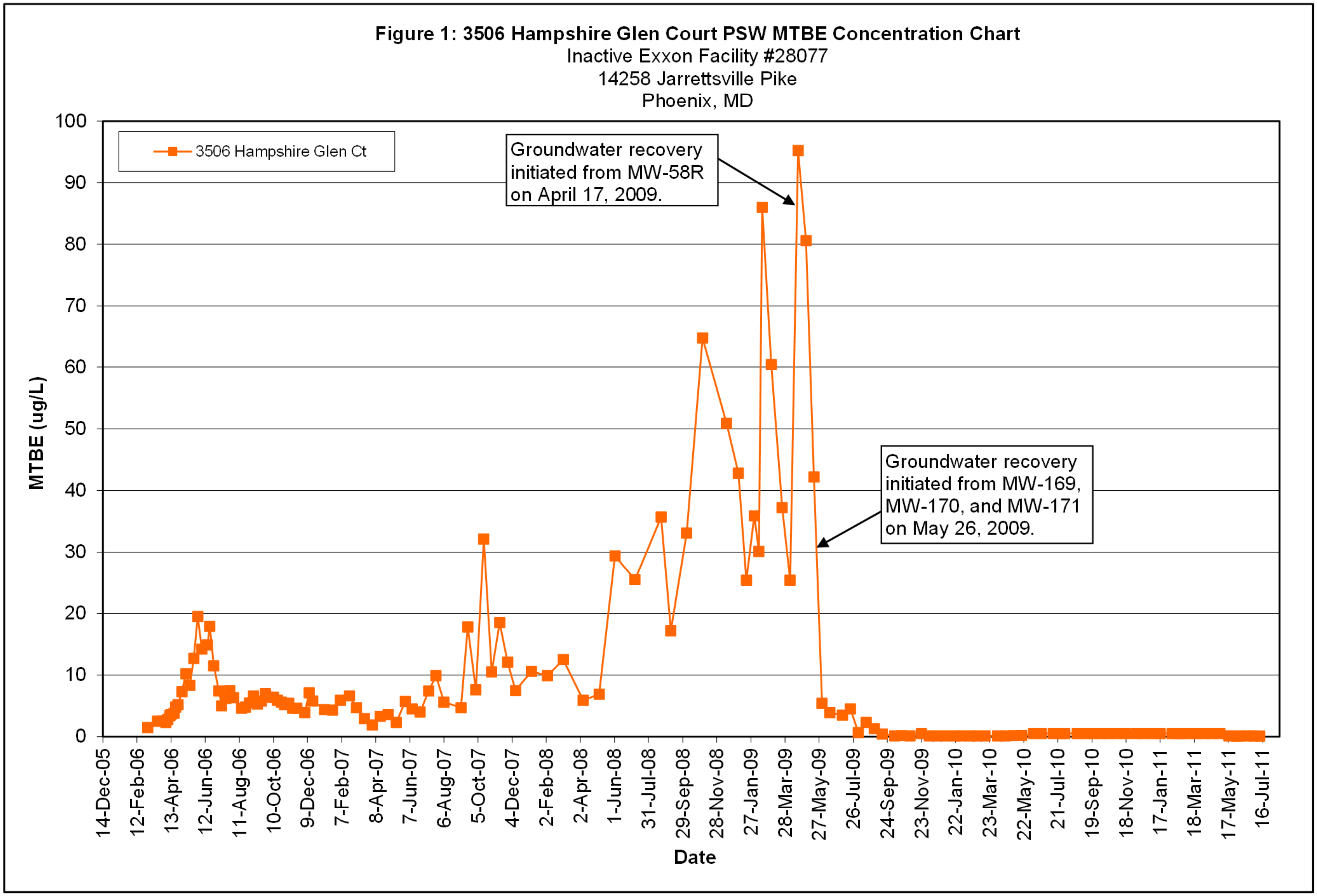
NSVD - Not surveyed to vertical datum

Table 12
3501 Hampshire Glen Court Packer Interval Slug Testing Data
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Packer Interval	Test Date	Test Type/Name	Pre-Test Baseline Water Level Above Transducer (ft)	Level of Maximum Displacement Above Transducer (ft)	Maximum Displacement (ft)	Depth to Water Inside Packer Rods (ft)	Depth to Bottom of Packer Interval (ft)	Length of Water Above Packer Bottom (ft)	Estimated Hydraulic Conductivity (K) - Bouwer - Rice Unconfined Method (ft/d)
MW-91C	261-271	7/28/2010	Falling Head	50.88	53.22	2.34	71.09	271.00	199.91	0.12
		7/28/2010	Rising Head	51.03	48.65	2.38	71.09	271.00	199.91	0.087
MW-171C	128-138	8/19/2010	Falling Head	44.91	49.49	4.58	89.51	138.00	48.49	0.055
		8/19/2010	Rising Head	45.08	39.57	5.51	89.51	138.00	48.49	0.061
MW-171C	145-155	8/20/2010	Falling Head	56.07	57.66	1.59	97.72	155.00	57.28	0.13
		8/20/2010	Rising Head	56.10	54.55	1.55	97.72	155.00	57.28	0.098
MW-176	125-135	8/9/2010	Falling Head	52.21	55.23	3.02	87.95	135.00	47.05	0.16
		8/9/2010	Rising Head	52.23	49.31	2.92	87.95	135.00	47.05	0.064
MW-176	150-160	8/11/2010	Rising Head	54.54	52.02	2.52	97.71	160.00	62.29	0.026
MW-176	164-174	8/12/2010	Rising Head	58.11	56.26	1.85	101.61	174.00	72.39	0.13
MW-176	182-192	8/13/2010	Rising Head	69.00	67.26	1.74	113.46	192.00	78.54	0.13
MW-176	209-219	8/13/2010	Falling Head	96.87	99.01	2.14	123.07	219.00	95.93	0.17
		8/13/2010	Rising Head	97.02	95.04	1.98	123.07	219.00	95.93	0.11
MW-177	235-245	8/6/2010	Falling Head	138.32	143.63	5.31	106.04	245.00	138.96	0.087
		8/6/2010	Rising Head	138.45	133.91	4.54	106.04	245.00	138.96	0.087

Notes:
Data retained for analysis based on asymptotic decay curve, returning near baseline, and no longterm/antecedant trend.
Hydraulic conductivity estimated using Bouwer-Rice (1976) method
Assumed aquifer thickness = 600ft

FIGURES



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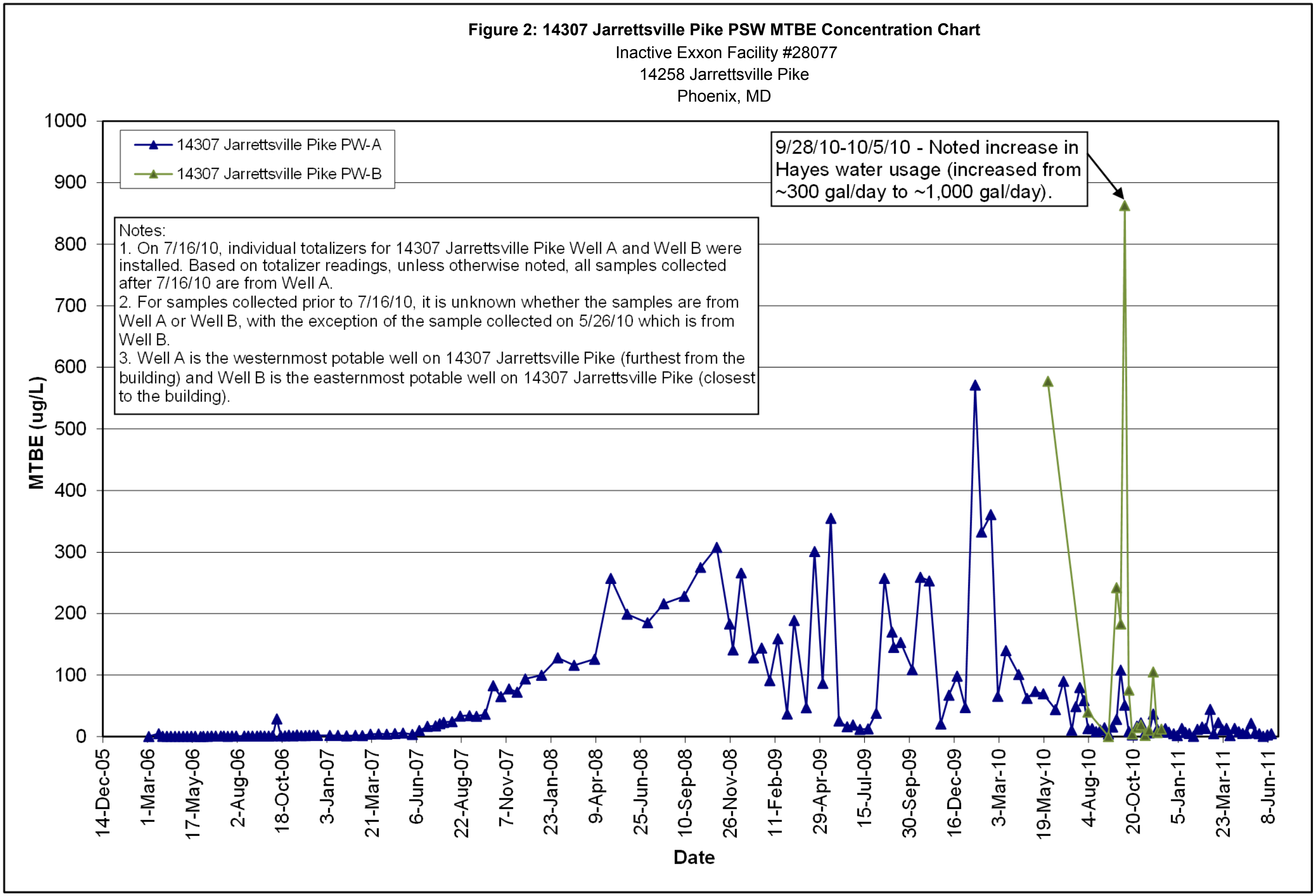
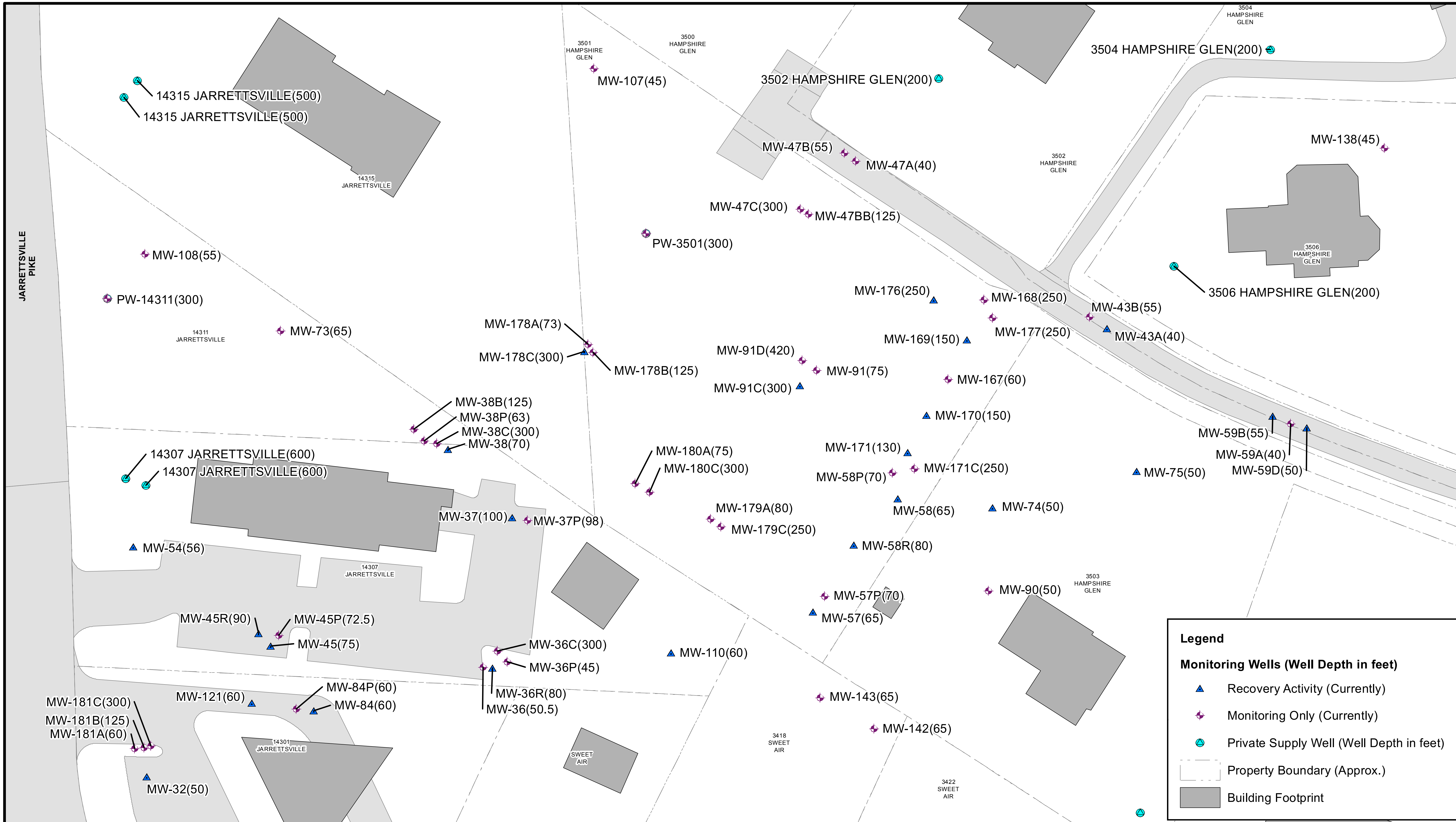
Note: Reporting limit displayed for values less than reporting limit.



Kleinfelder
1340 Charwood Road
Hanover, MD

Note: Reporting limit displayed for values less than reporting limit.



N

0 25 50 100 150 200 Feet

G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig9_Well_Depth_0405111.mxd

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Cartography By: B. Myers | Date: 08/11/11

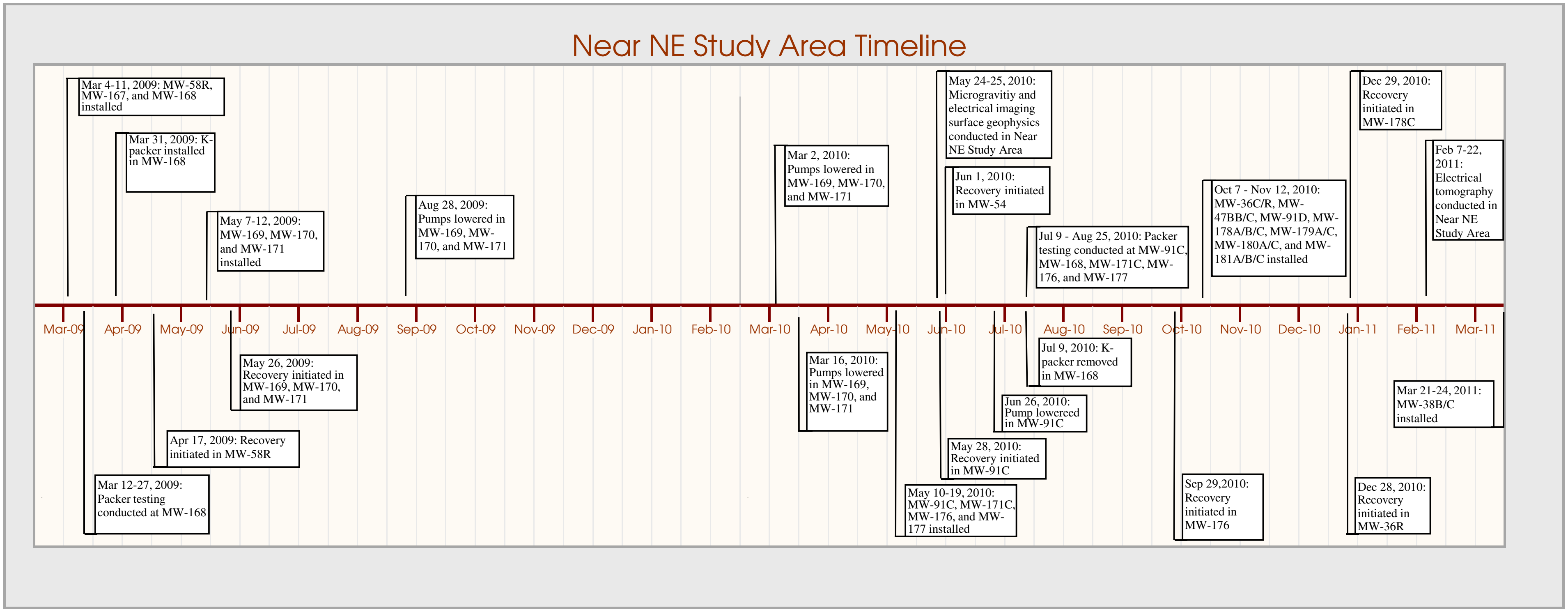
NEAR NORTHEAST AREA MONITORING WELL LOCATION AND DEPTH MAP

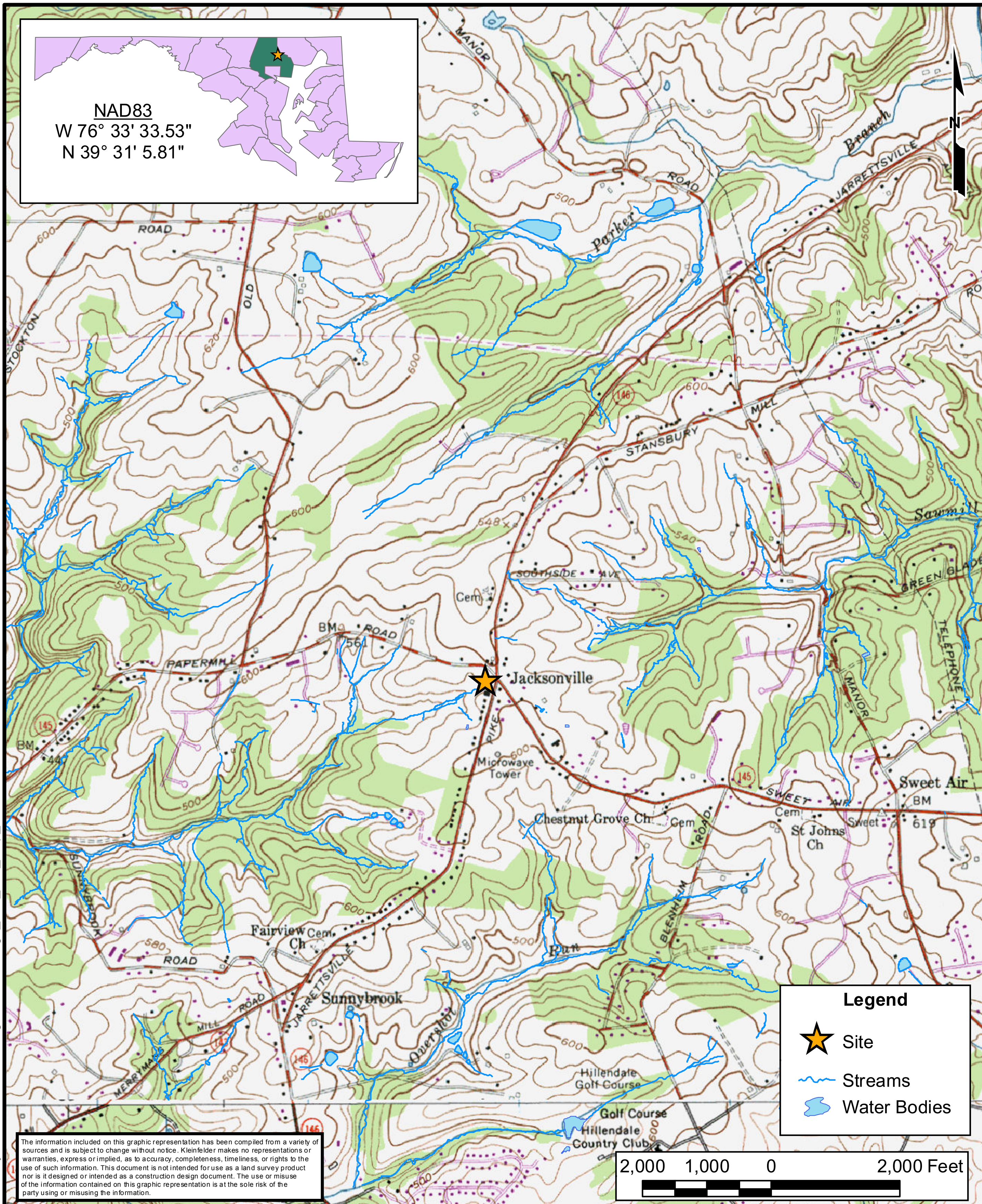
INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure 3

Project Number: 115434 | File Name: Investigation

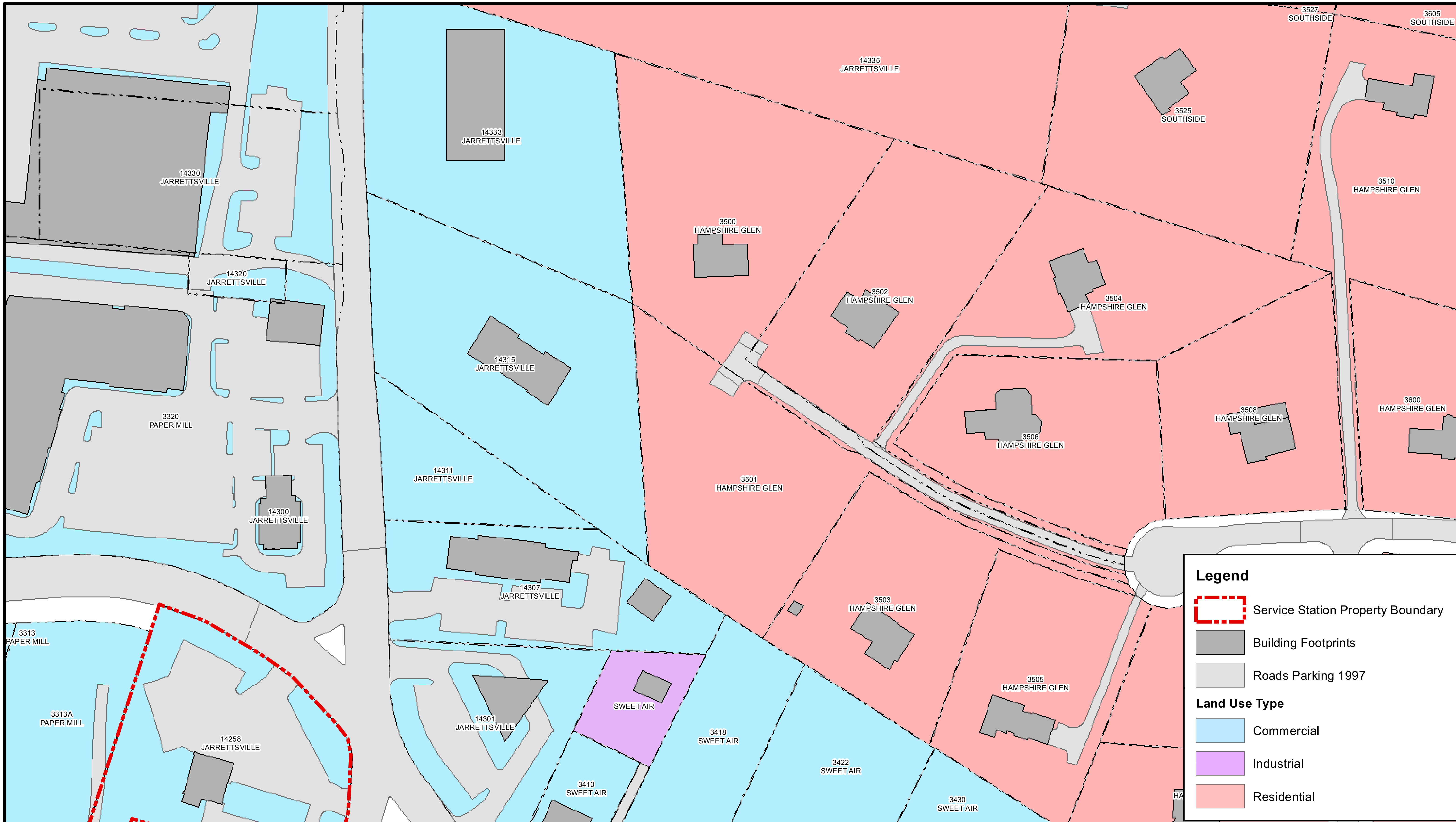
Figure 4: Near Northeast Area Enhanced Remediation Timeline
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, Maryland





KLEINFELDER Bright People. Right Solutions. www.kleinfelder.com	PROJECT NO.	115434	SITE LOCATION MAP	FIGURE 5
	DRAWN:	04/01/11		
	DRAWN BY:	B. MYERS		
	CHECKED BY:	K. BRAUN	INACTIVE EXXON FACILITY #28077 14258 JARRETTSVILLE PIKE PHOENIX, MARYLAND	
	FILE NAME:	Fig1_Site_Loc_Map_8X11.mxd		

G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig1_Site_Loc_Map_8X11.mxd



N

0 50 100 200 300 400
Feet

G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig2_LandUse_040111.mxd

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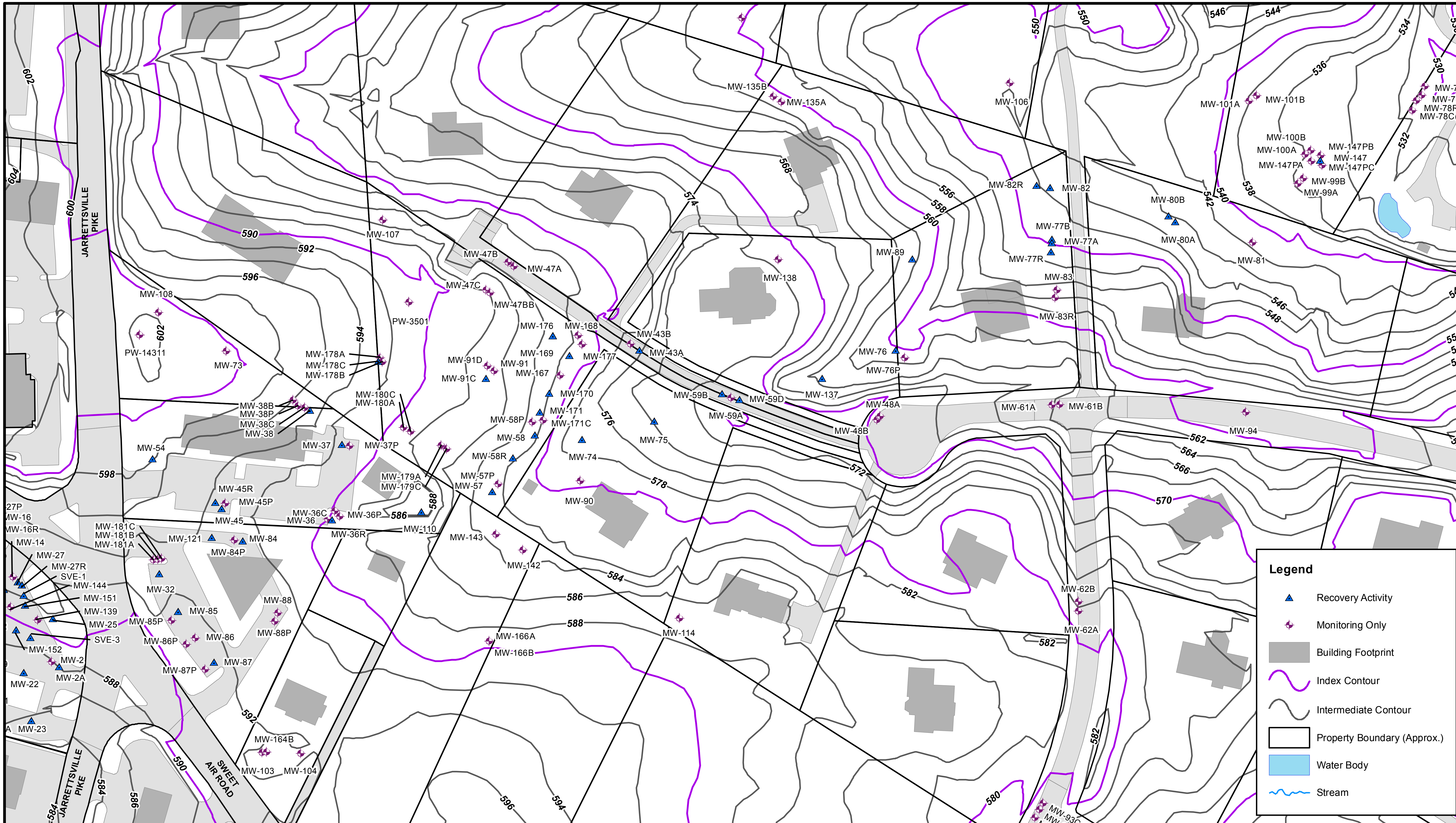
LAND USE MAP

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure
6

Project Number: 115434 | File Name: LandUse



G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig3_Topo_040111.mxd

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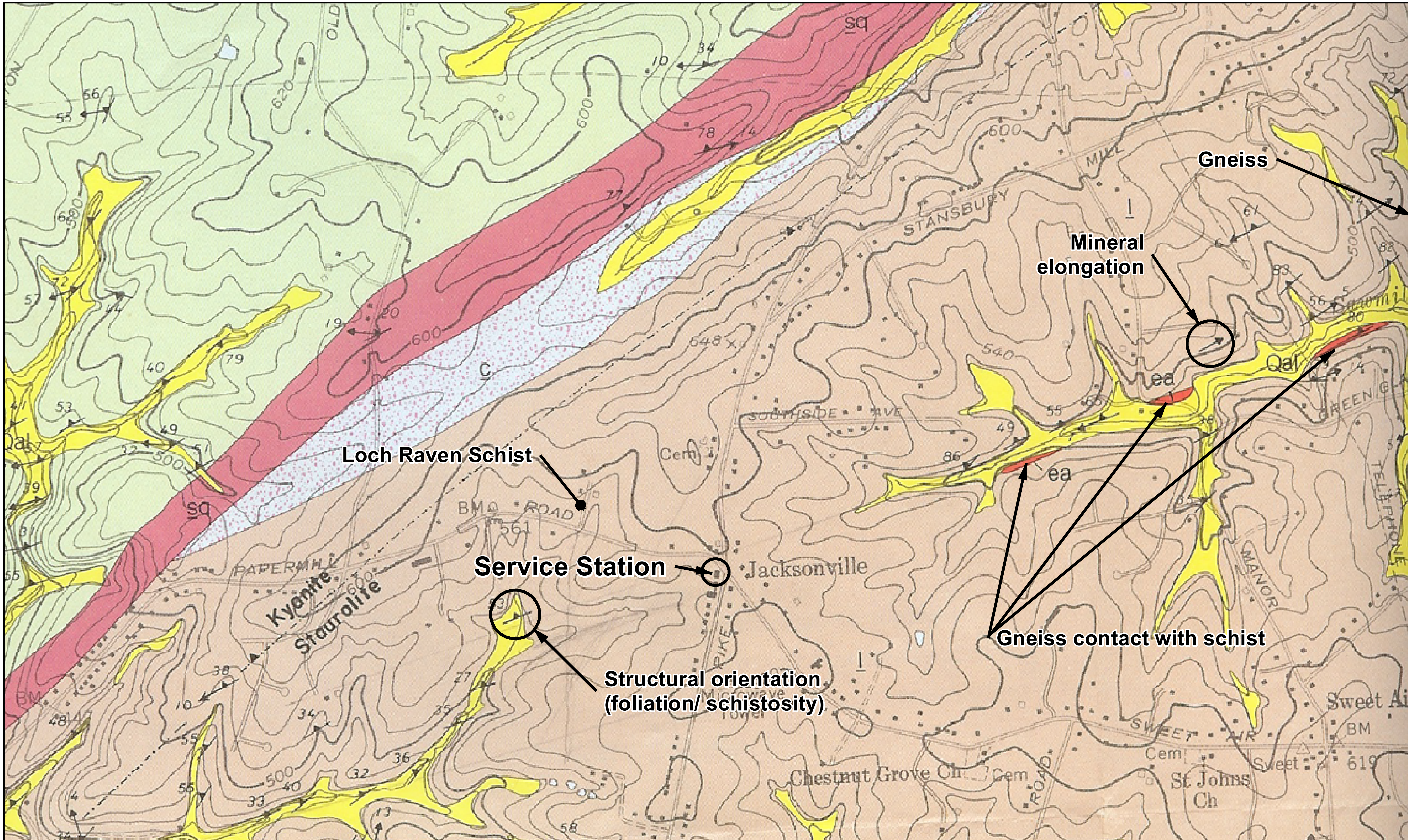
TOPOGRAPHIC MAP

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Project Number: 115434 | File Name: Area Topo

Figure
7



Source: Moller, S.A., 1979, Geologic Map of the Phoenix Quadrangle, MD, State of Maryland, Department of Natural Resources, Maryland Geological Survey

0 500 1,000 2,000 3,000 4,000 Feet

G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig4_Geology_040411.mxd

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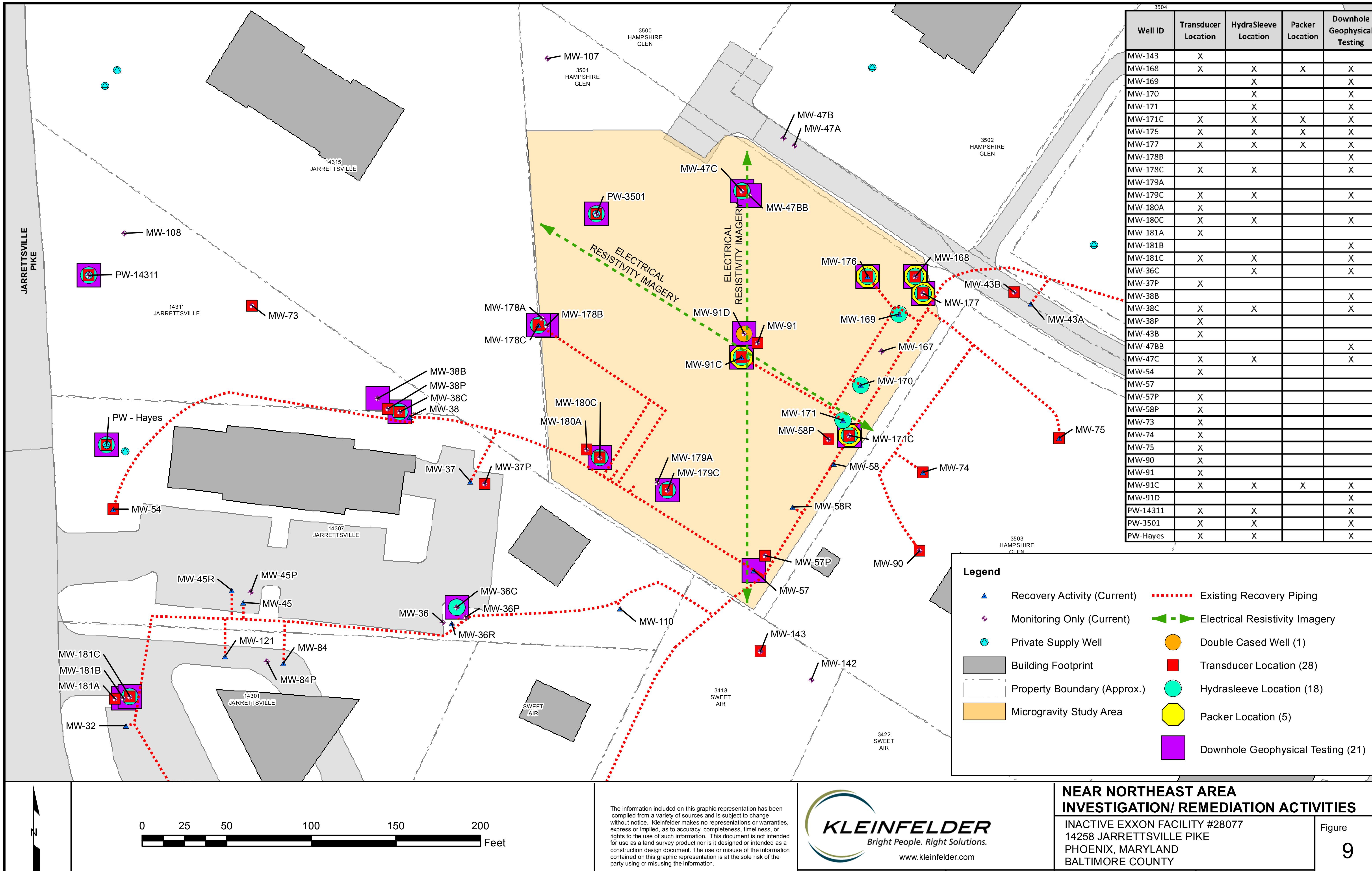
LOCAL GEOLOGIC MAP

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Project Number: 115434 | File Name: Geology

Figure 8



Well ID	Transducer Location	HydraSleeve Location	Packer Location	Downhole Geophysical Testing
MW-143	X			
MW-168	X	X	X	X
MW-169		X		X
MW-170		X		X
MW-171		X		X
MW-171C	X	X	X	X
MW-176	X	X	X	X
MW-177	X	X	X	X
MW-178B				X
MW-178C	X	X		X
MW-179A				
MW-179C	X	X		X
MW-180A	X			
MW-180C	X	X		X
MW-181A	X			
MW-181B				X
MW-181C	X	X		X
MW-36C		X		X
MW-37P	X			
MW-38B				X
MW-38C	X	X		X
MW-38P	X			
MW-43B	X			
MW-47BB				X
MW-47C	X	X		X
MW-54	X			
MW-57				
MW-57P	X			
MW-58P	X			
MW-73	X			
MW-74	X			
MW-75	X			
MW-90	X			
MW-91	X			
MW-91C	X	X	X	X
MW-91D				X
PW-14311	X	X		X
PW-3501	X	X		X
PW-Hayes	X	X		X

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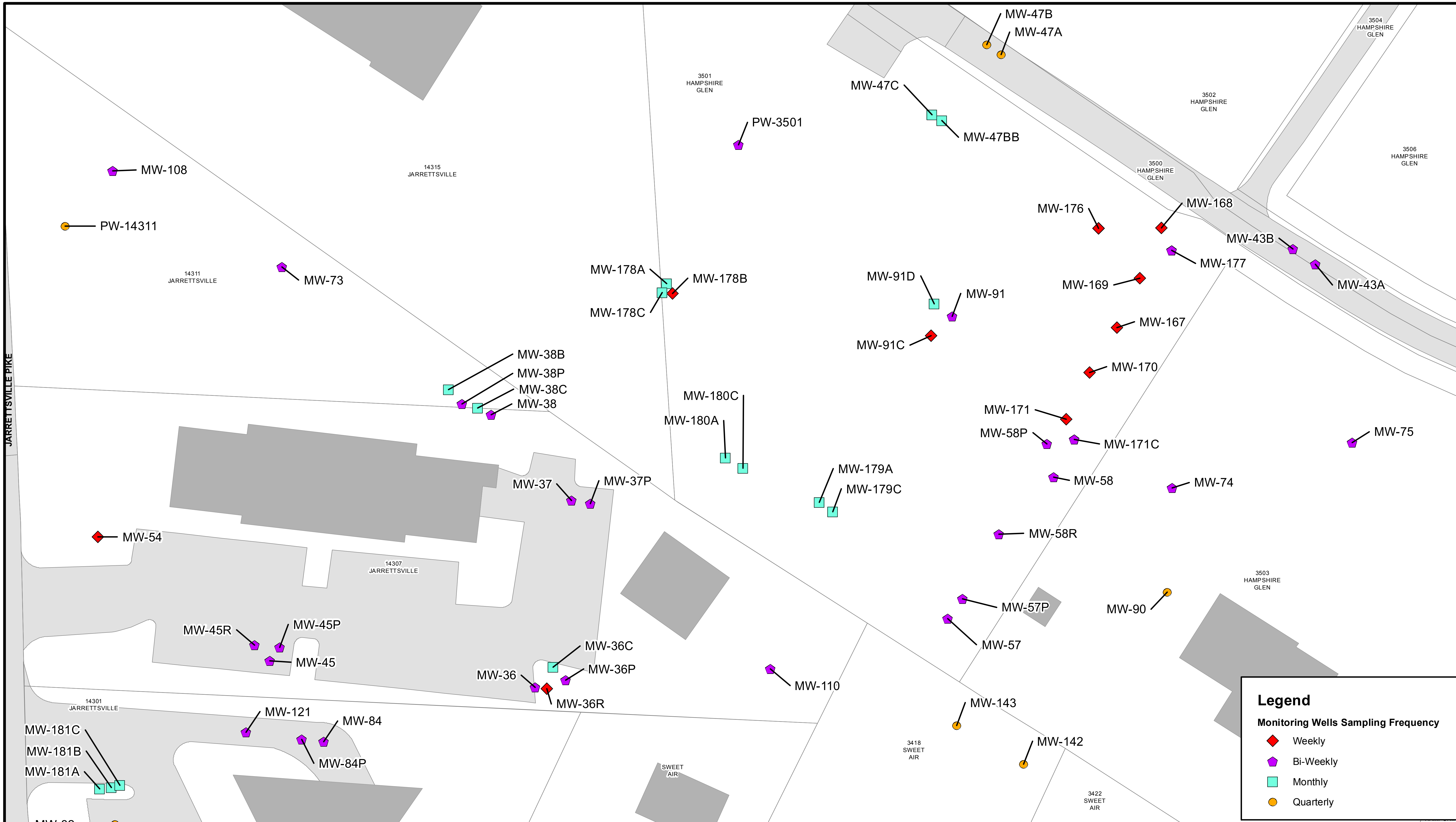
Cartography By: B. Myers
Date: 8/12/2011

NEAR NORTHEAST AREA INVESTIGATION/ REMEDIATION ACTIVITIES

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure
9

Project Number: 115434
File Name: Investigation



N

0 20 40 80 120 160 Feet

Path: G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig13_MW_SampleFreq_062211.mxd

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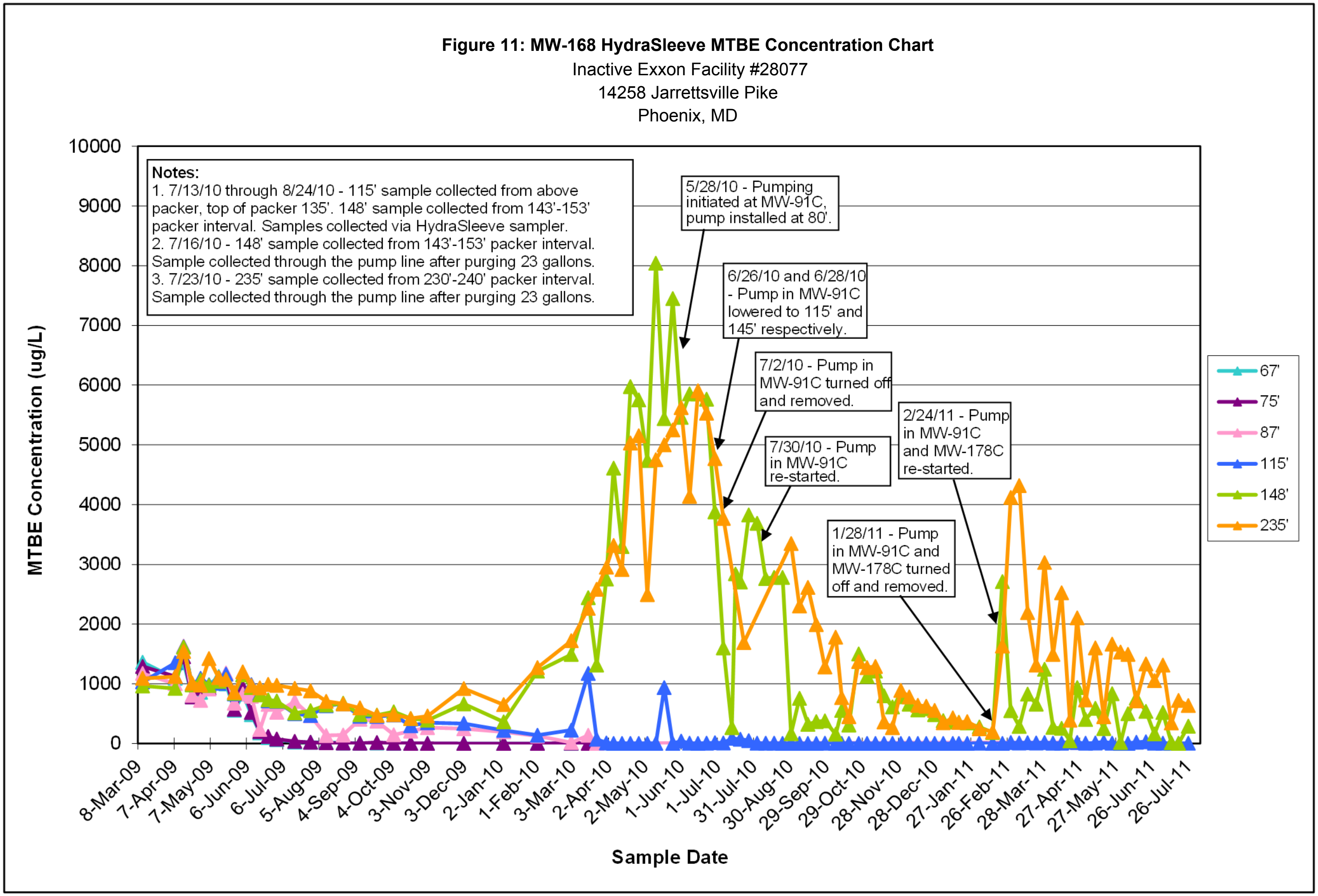
Cartography By: B. Myers
Date: 07/14/11

NEAR NORTHEAST AREA GROUNDWATER SAMPLING FREQUENCY MAP

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure
10

Project Number: 115434
File Name: MW Sample



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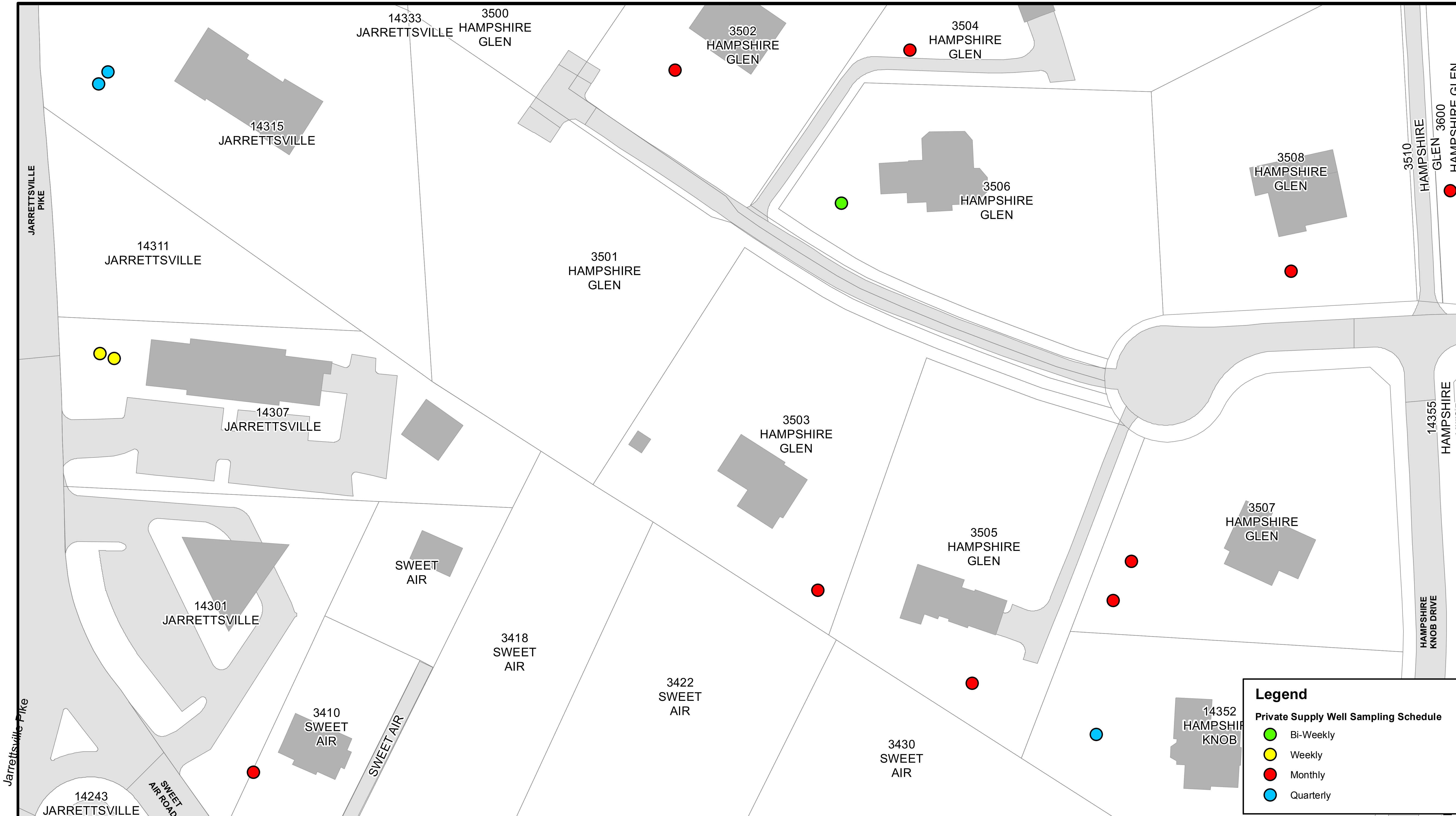
Hanover, MD



N

0 20 40 80 120 160 Feet

Path: G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig10_PW_SampleFreq_062211.mxd

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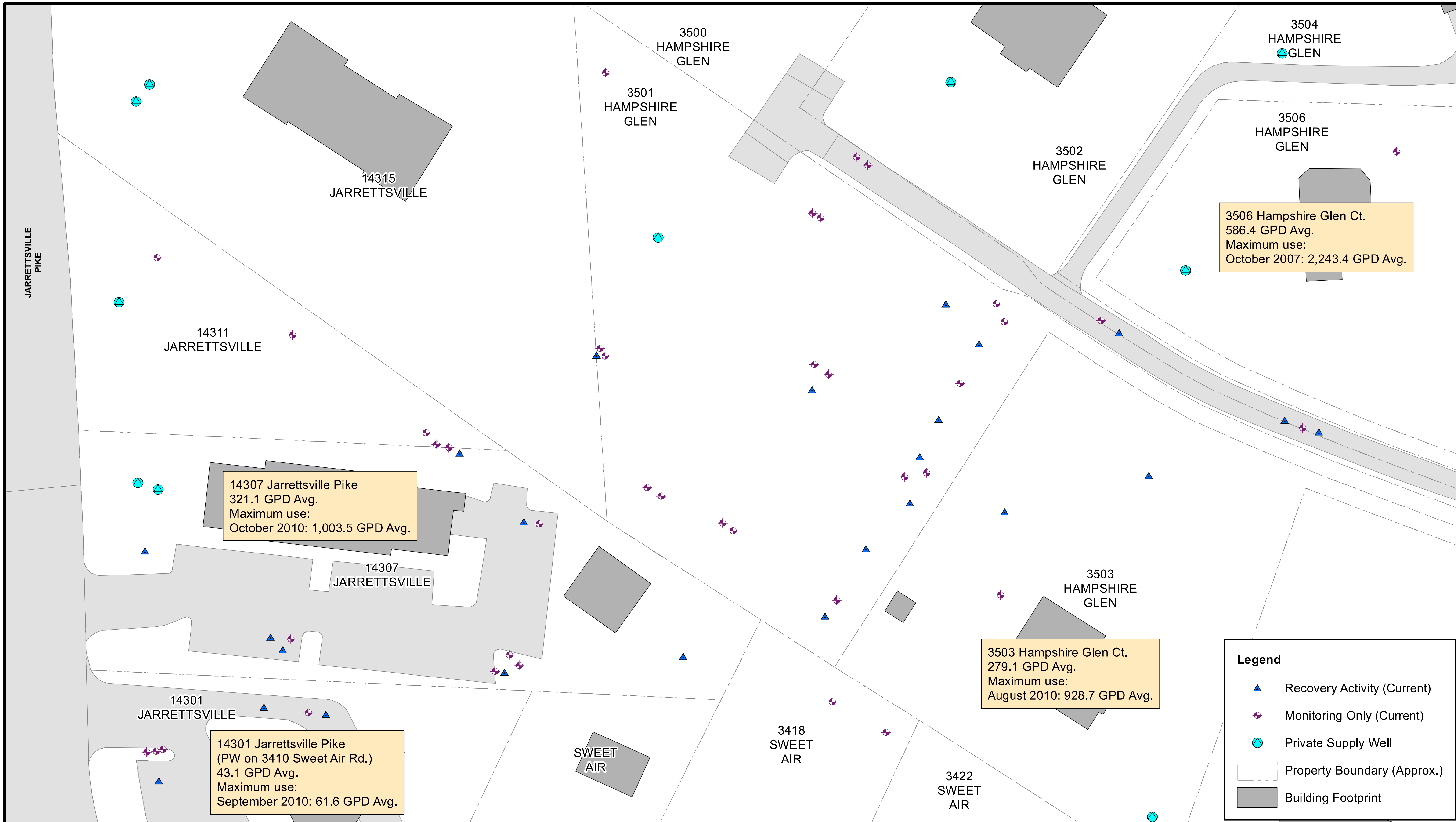
PRIVATE SUPPLY WELL SAMPLING FREQUENCY MAP

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure
12

Project Number: 115434 | File Name: MW Sample



N

NOTE: GPD Avg. = gallons per day average
Data collected from totalizers

0 20 40 80 120 160 Feet

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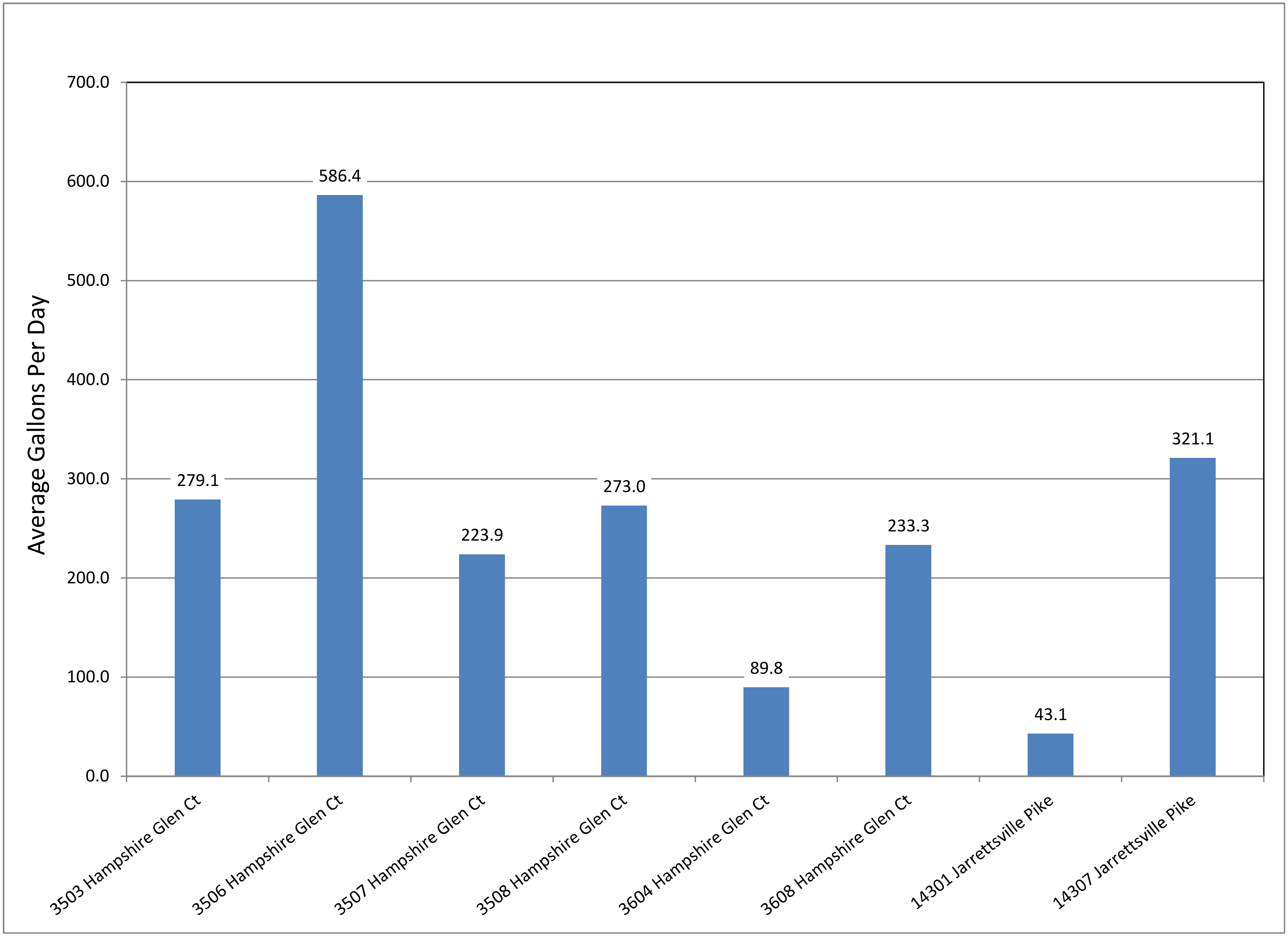
NEAR NORTHEAST AREA PSW AVERAGE DAILY WATER USE MAP

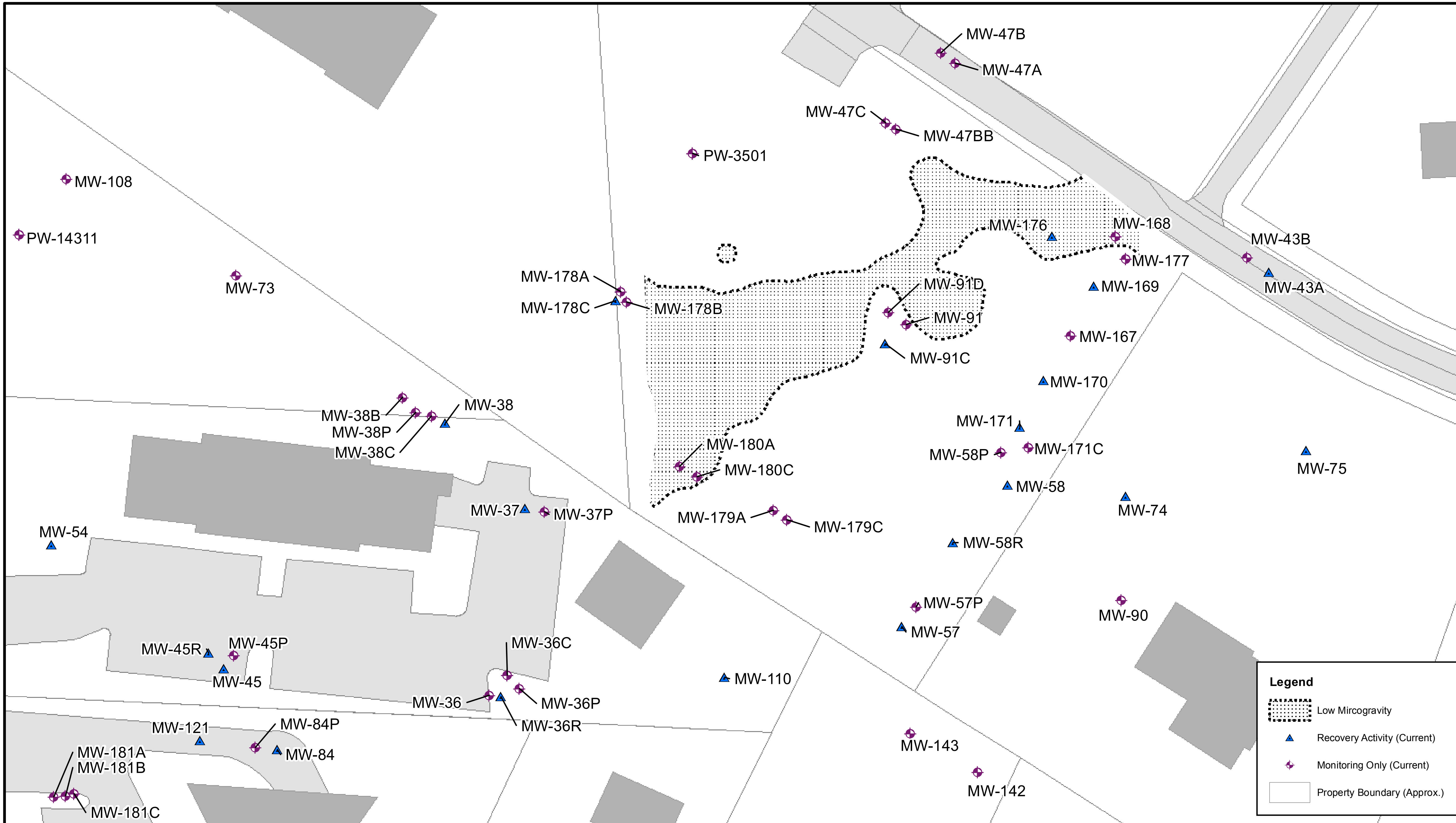
INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure 13

Project Number: 115434 | File Name: Water Use

Figure 14: Private Supply Well Water Usage Bar Chart
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD





NOTE: Data derived from August 31, 2010 Enviroscan Report -
"Report Geophysical Survey 3501 Hampshire Glen Court Phoenix MD"
Enviroscan Reference Number 051001

G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig5_MicroGravity_040411.mxd

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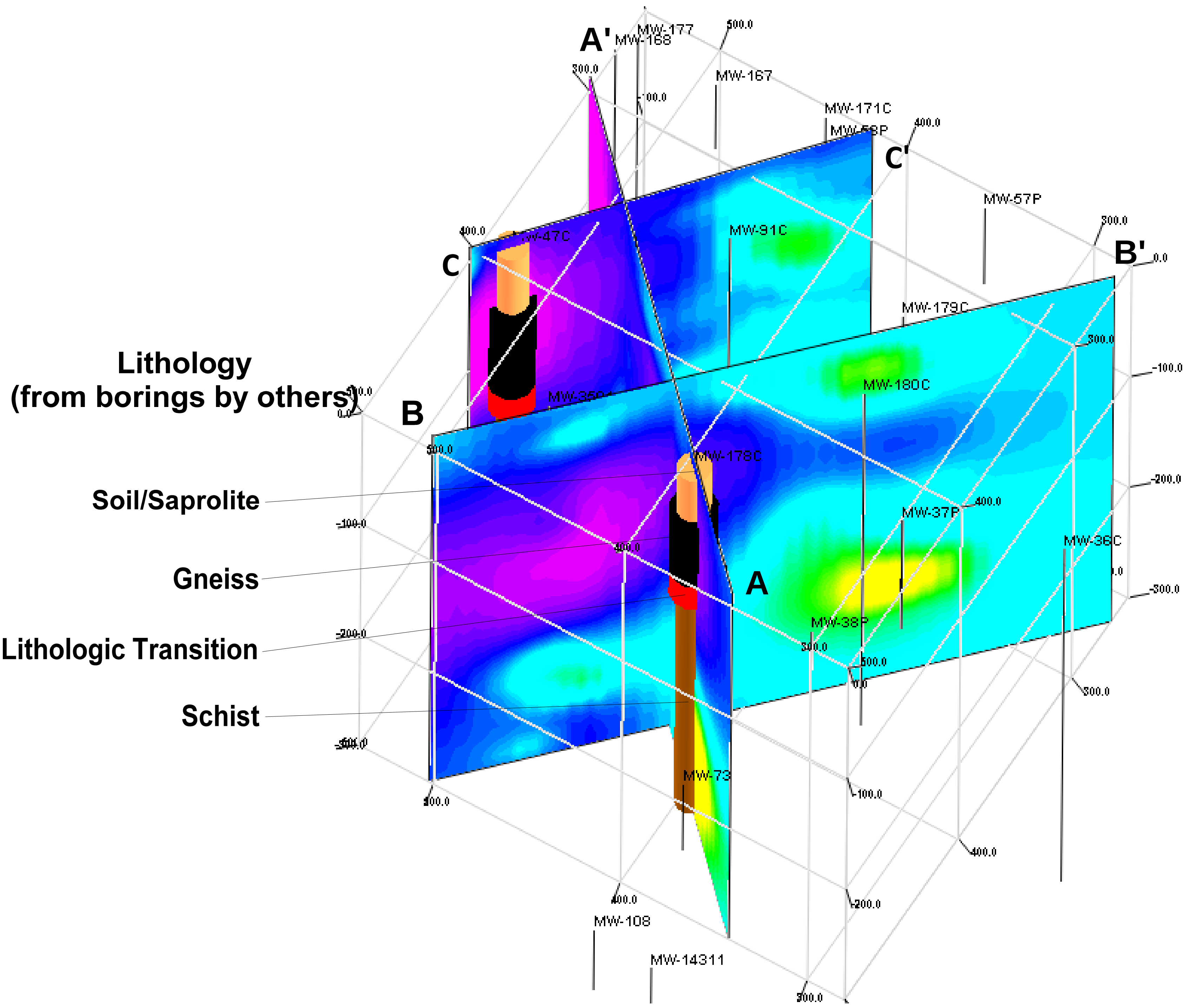
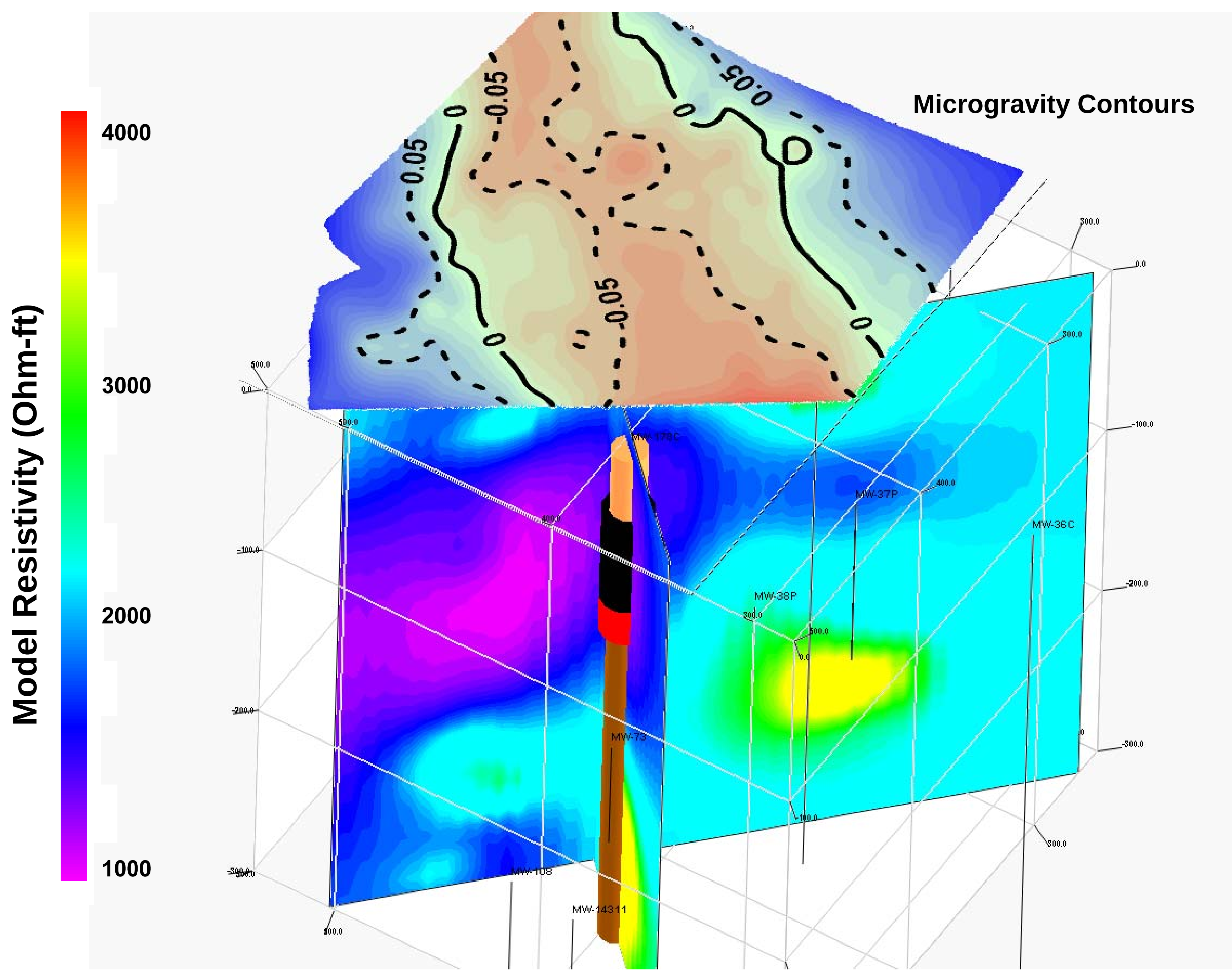
MICROGRAVITY ANOMALY MAP

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure 15

Project Number: 115434 | File Name: MicroGravity





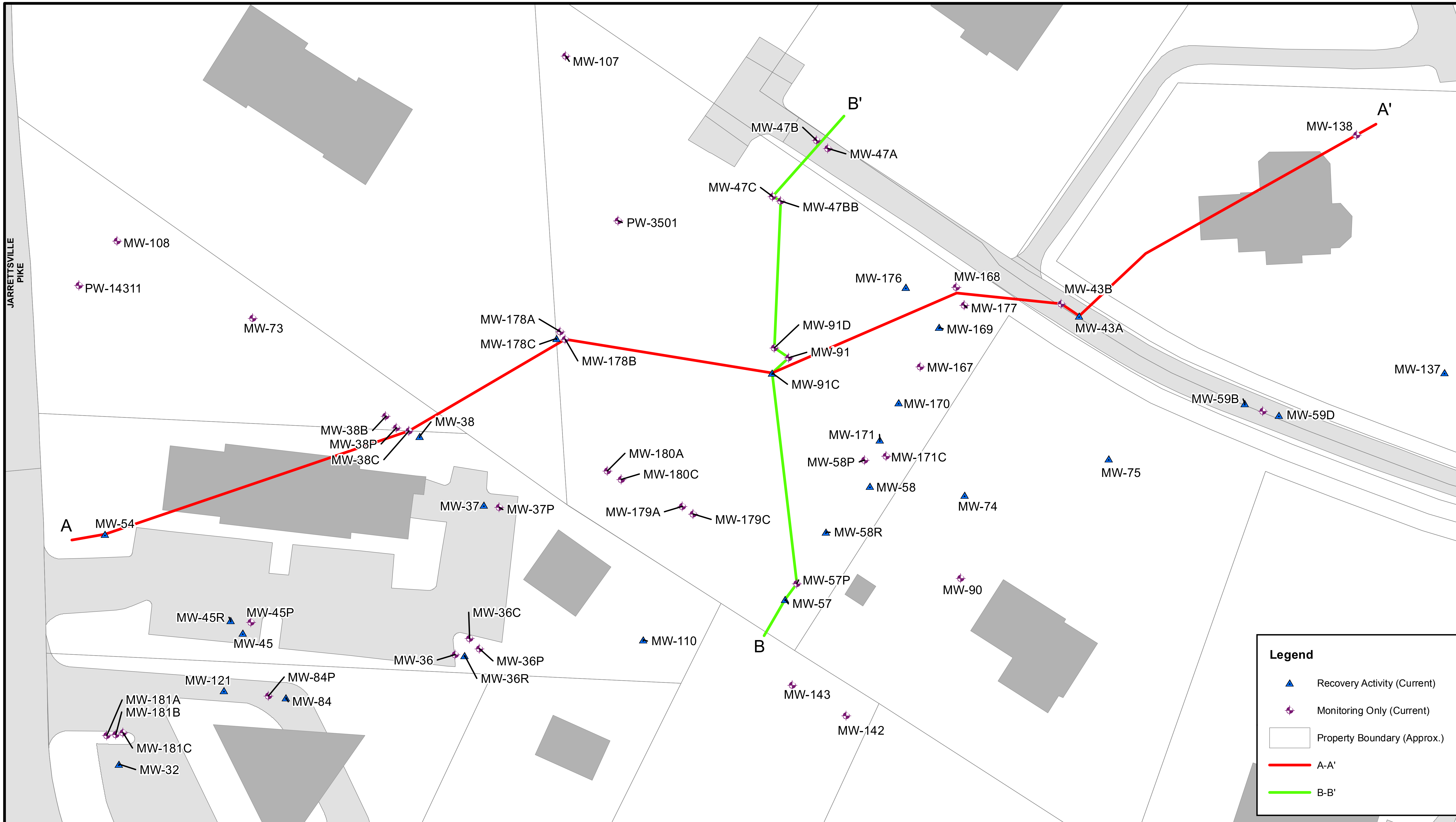
Notes:

Field data from AGI Sting R8 and Swift using surface and downhole electrodes.

Resistivity model from EarthImager.

3-D Model perspective views from Rockworks.

Prepared by:	Title:	Project Location:		Figure
Enviroscan, Inc. 1051 Columbia Ave. Lancaster PA 17603 717-396-8922 www.envrioscan.com	Electrical Tomography 3-D Model Cross-Sections	Exxon Mobil Facility #28077 Phoenix, MD		16
		Project Number: 061001b	Revision/Issue: 08/01/2011	
		Original Scale: 1" = 60"	Survey Ending Date: 02/21/2011	Drawn by: TDB / Approved by: FKB



N

0 20 40 80 120 160 Feet

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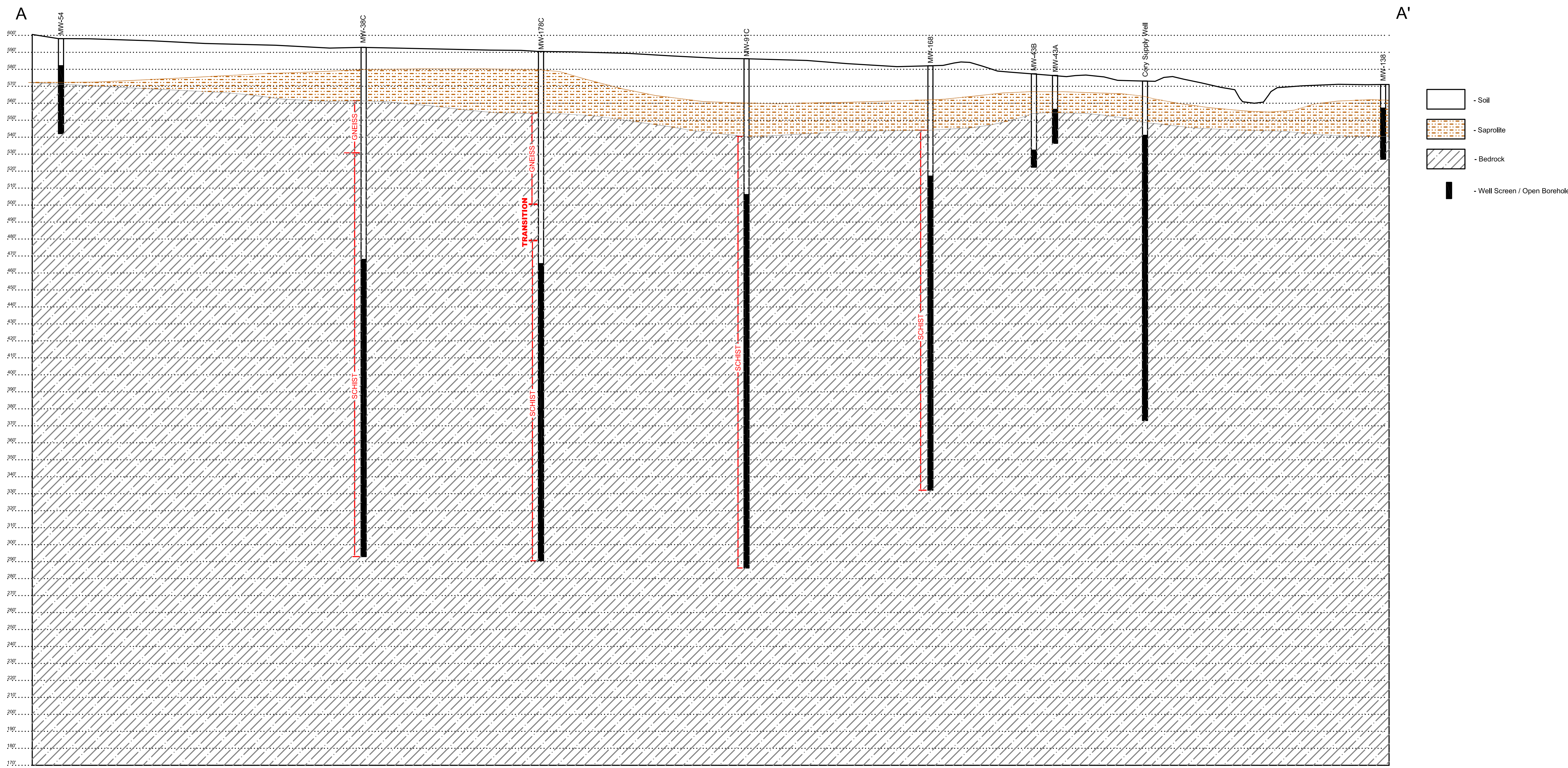
NEAR NORTHEAST AREA
CROSS SECTION TRANSECT LINES

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure 17

Project Number: 115434 | File Name: Transects

CAD FILE: G:\Projects\0507606-8077\Projects\CrossSections\Near_NE_2011\ LAYOUT: A-A' 11x17 PLOTTED: 11 Aug 2011, 3:42pm, BMyers



Note: Contacts are approximate due to variability in weathering profile.

Horizontal and vertical scales are equal and include no vertical exaggeration.

75 37.5 0 75

APPROXIMATE SCALE (feet)

HANOVER, MD

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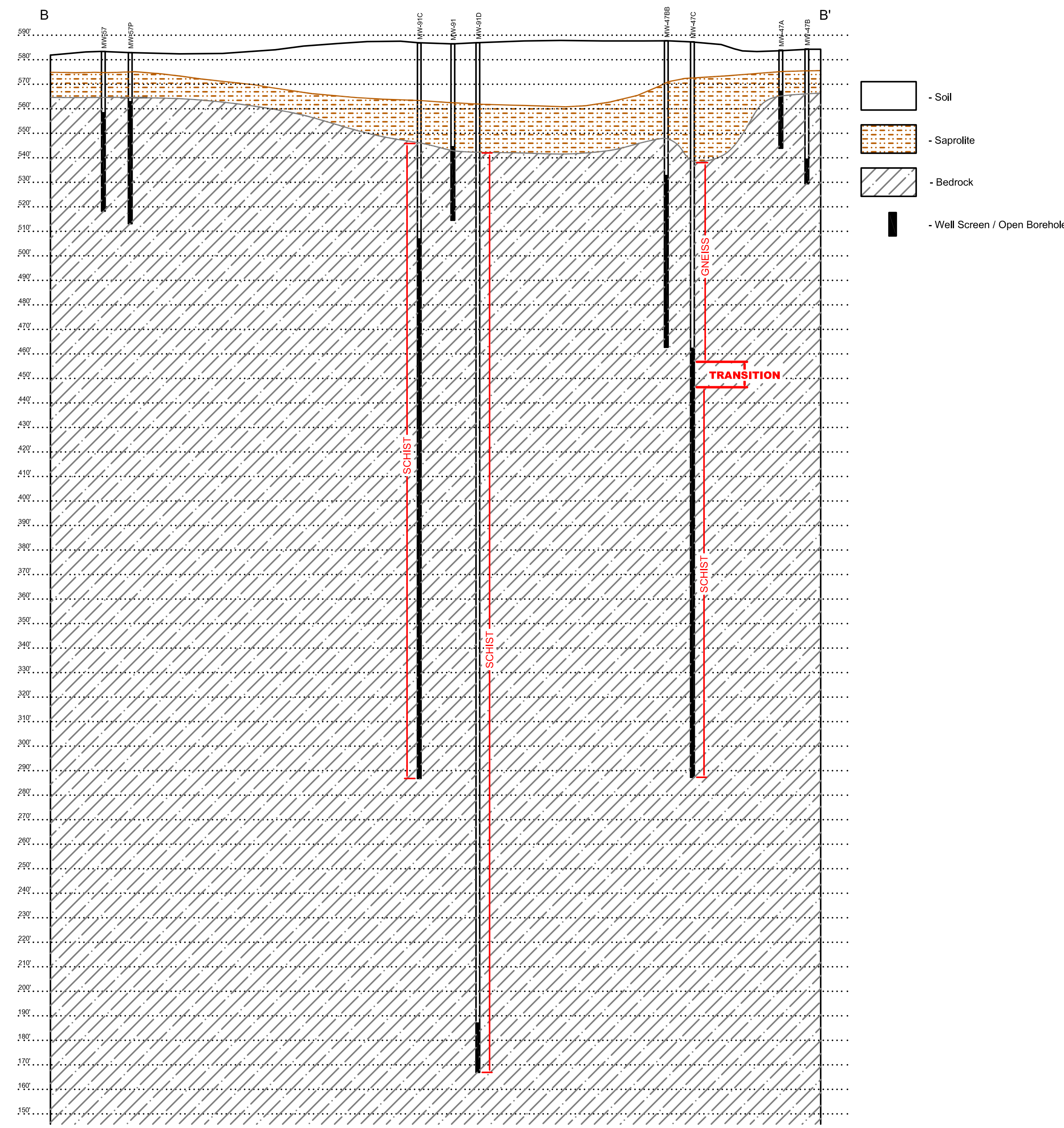
DRAWN BY:	BNM
CHECKED BY:	JH
FILE NAME:	NNE_CrossSections_080211.dwg

NEAR NORTHEAST AREA A - A' CROSS SECTION

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND

FIGURE

18a



Note: Contacts are approximate due to variability in weathering profile.

Horizontal and vertical scales are equal and include no vertical exaggeration.

75 37.5 0 75

APPROXIMATE SCALE (feet)

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DRAWN:	08/11/11
DRAWN BY:	BNM
CHECKED BY:	JH
FILE NAME:	NNE_CrossSections_080211.dwg

NEAR NORTHEAST AREA B - B' CROSS SECTION

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND

FIGURE **18b**

CAD FILE: G:\Projects\0507606-8077\Projects\CrossSections\Near_NE_2011\ LAYOUT: B-B' 11x17 LPLOTTED: 11 Aug 2011, 3:41pm, BMyers
HANOVER, MD

0 15 30 60
Feet

MW-87P
551.69

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PROJECT NO. 115434	**NEAR NORTHEAST AREA A ZONE (WATER TABLE) POTENTIOMETRIC SURFACE MAP GAUGING EVENT: JUNE 2011**	FIGURE
DRAWN: 07/28/11		
DRAWN BY: B. MYERS		**19a**
CHECKED BY: J. HALE	INACTIVE EXXON FACILITY #28077 14258 JARRETTSVILLE PIKE PHOENIX, MARYLAND BALTIMORE COUNTY	
FILE NAME:		

0 15 30 60
Feet

G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\A_C_NearNE_PontentioSfcMaps072811.mxd

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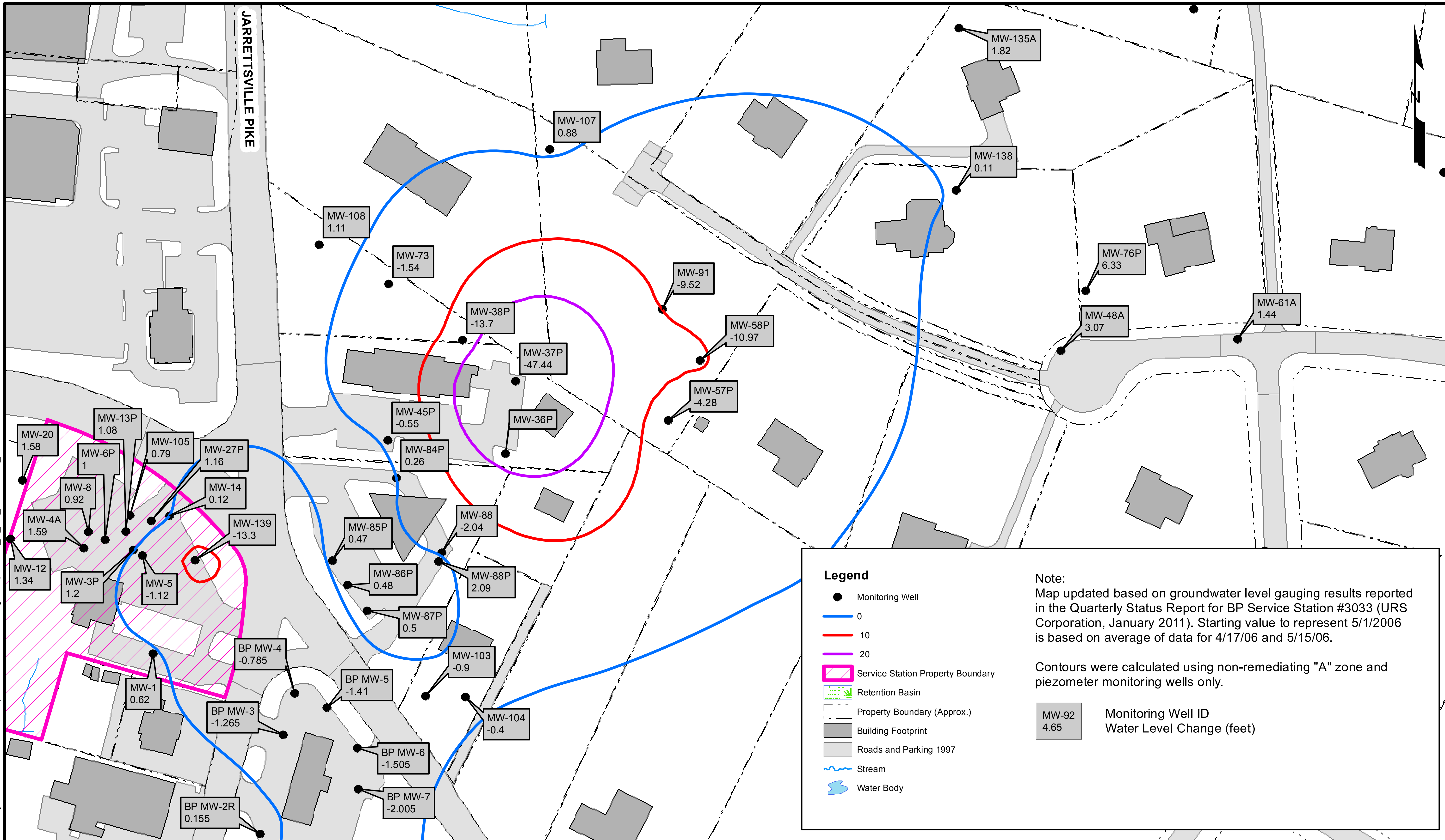
PROJECT NO.	115434
DRAWN:	07/28/11
DRAWN BY:	B. MYERS
CHECKED BY:	J. HALE
FILE NAME:	

NEAR NORTHEAST AREA C ZONE POTENTIOMETRIC SURFACE MAP GAUGING EVENT: JUNE 2011

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

FIGURE
19b



Note:
Map updated based on groundwater level gauging results reported in the Quarterly Status Report for BP Service Station #3033 (URS Corporation, January 2011). Starting value to represent 5/1/2006 is based on average of data for 4/17/06 and 5/15/06.

Contours were calculated using non-remediating "A" zone and piezometer monitoring wells only.

0 120 240 360 480 Feet

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PROJECT NO.	115434
DRAWN:	07/20/11
DRAWN BY:	B. MYERS
CHECKED BY:	J. HALE
FILE NAME:	WLC_w_BP_wells11x17_042110.mxd

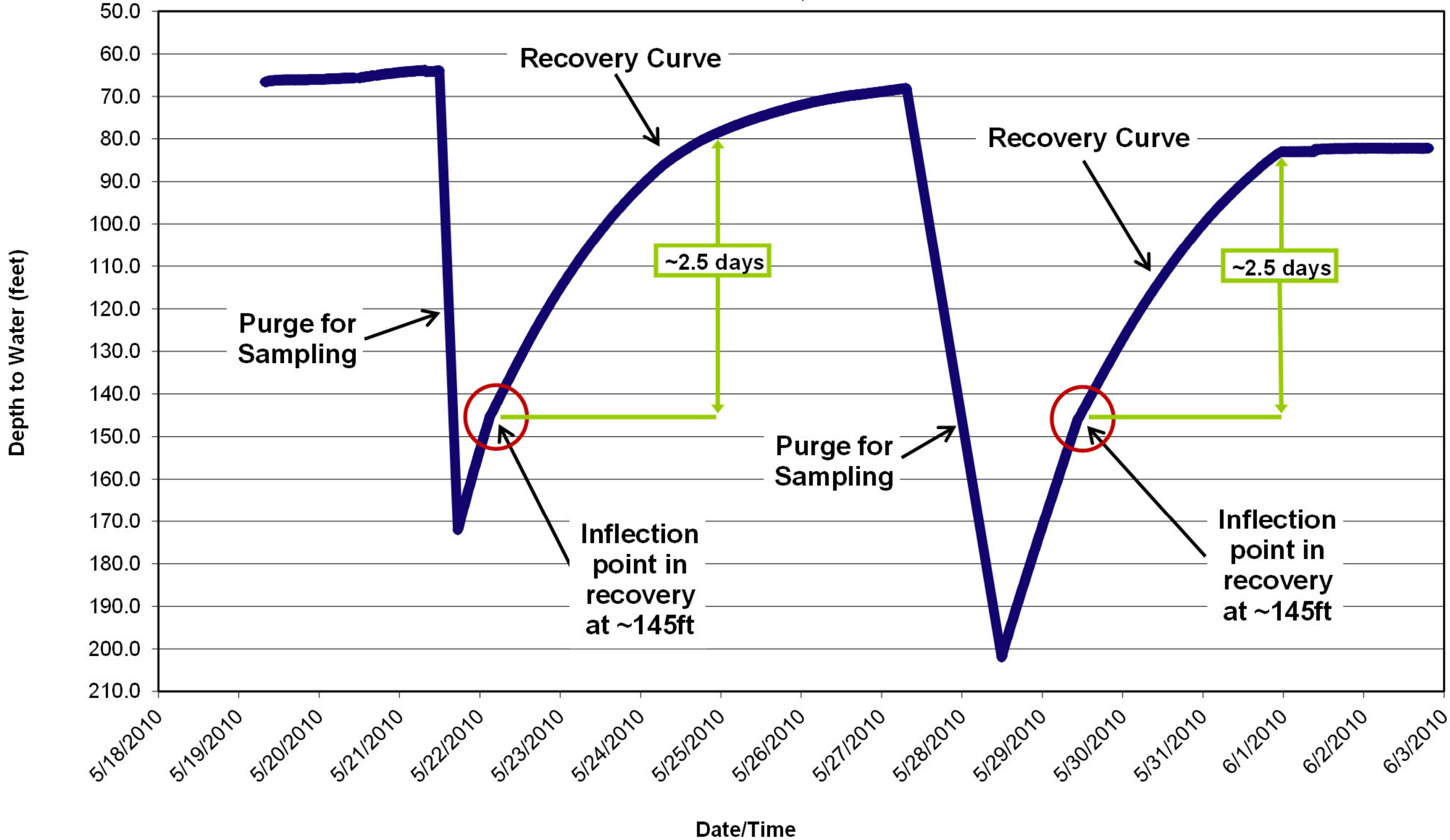
NEAR NORTHEAST AREA WATER LEVEL CHANGE MAP MAY 1, 2006 vs. APRIL 1-3, 2011

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

FIGURE
20

G:\Projects\0507606-8077\Projects\Water Allocation Report\Water Level Change Maps\WLC_w_BP_wells11x17_042110.mxd

Figure 21: MW-91C Transducer Data Chart
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD



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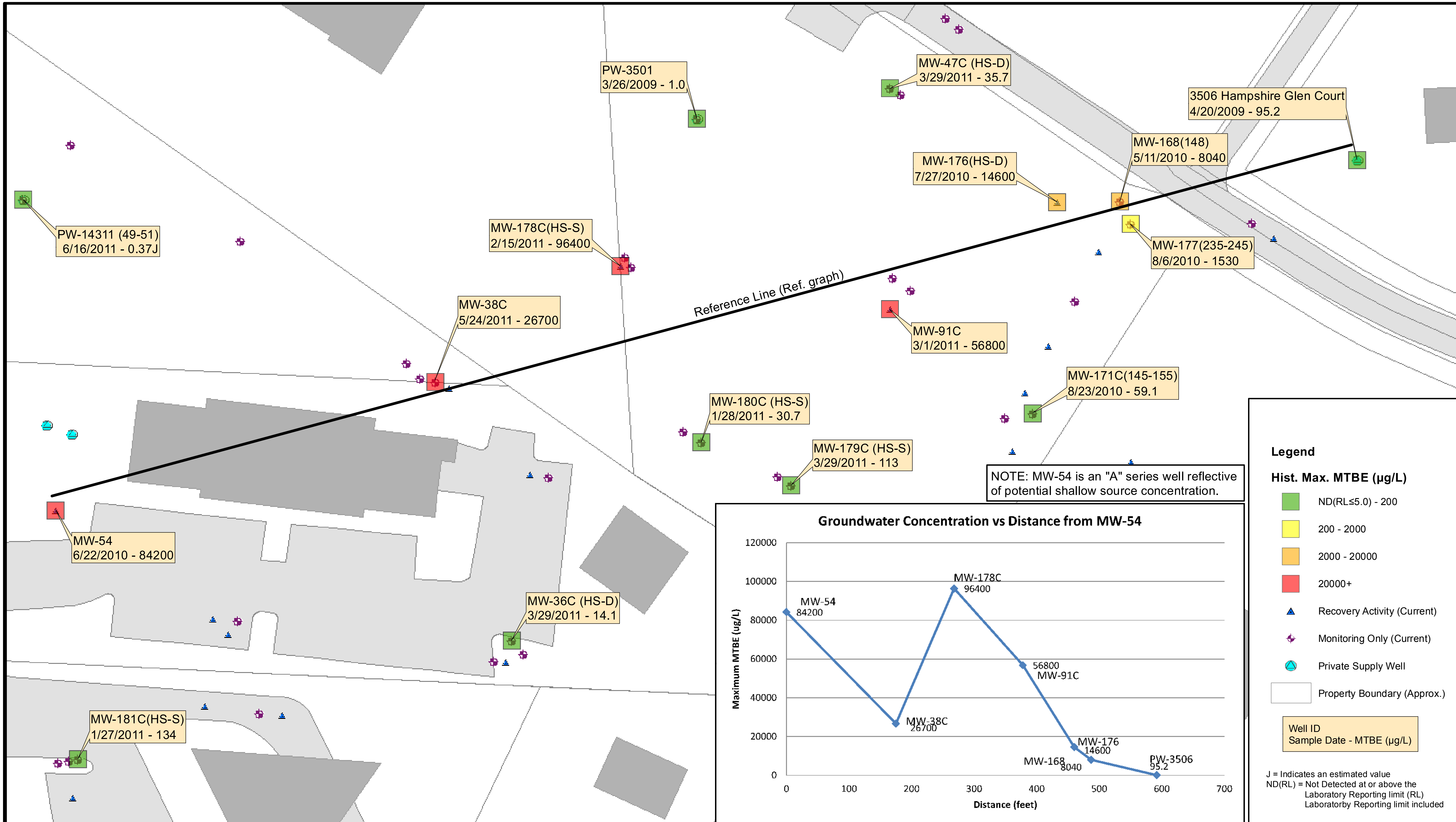

N

0 20 40 80 120 160 Feet

G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig6_GW_Conc_Max-Current_Map040411v2.mxd

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NEAR NORTHEAST AREA "C" SERIES WELLS MAX. MTBE CONCENTRATION MAP

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure
22

Cartography By: B. Myers | Date: 8/12/2011 | Project Number: 115434 | File Name: Max. MTBE

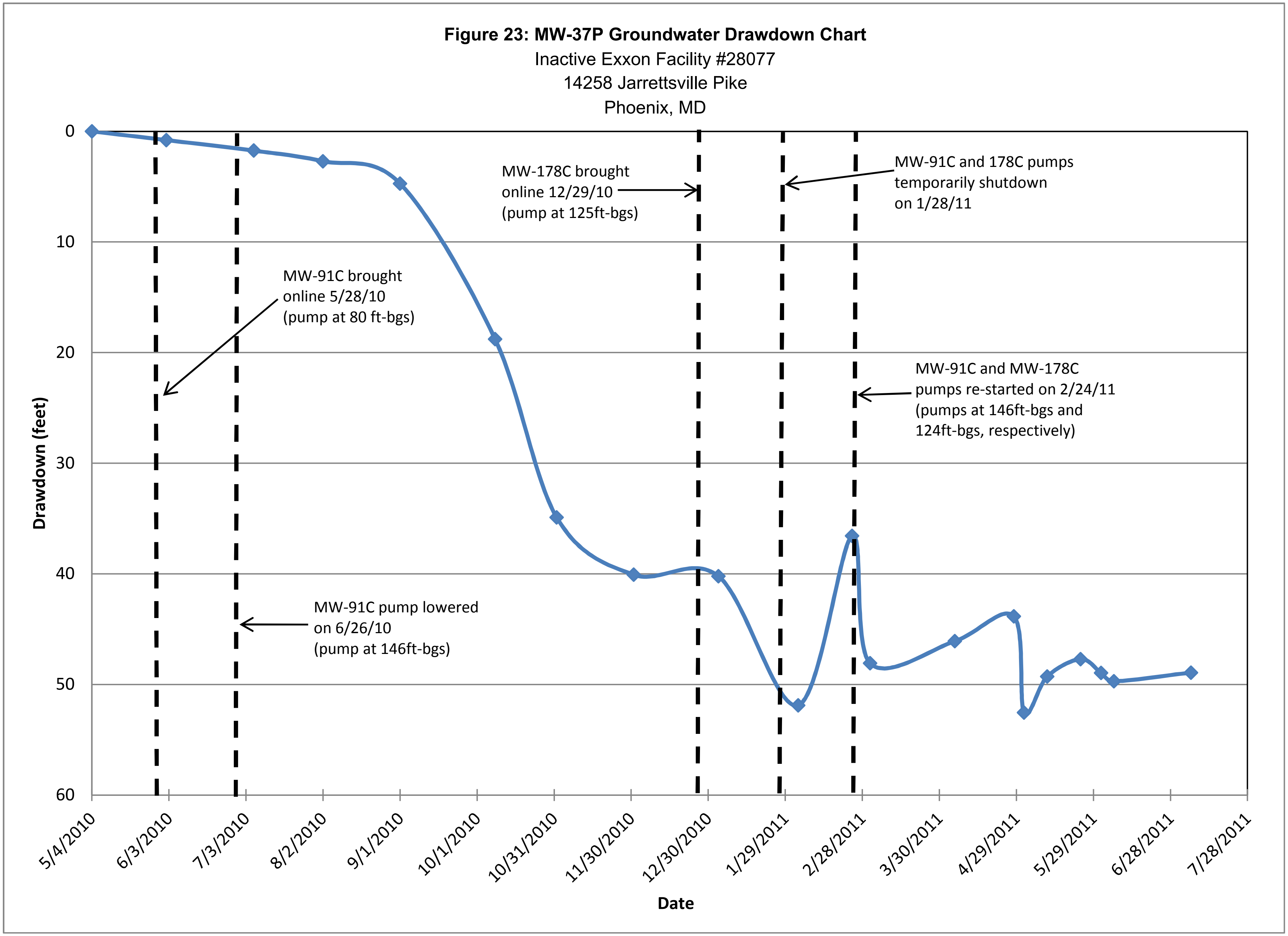
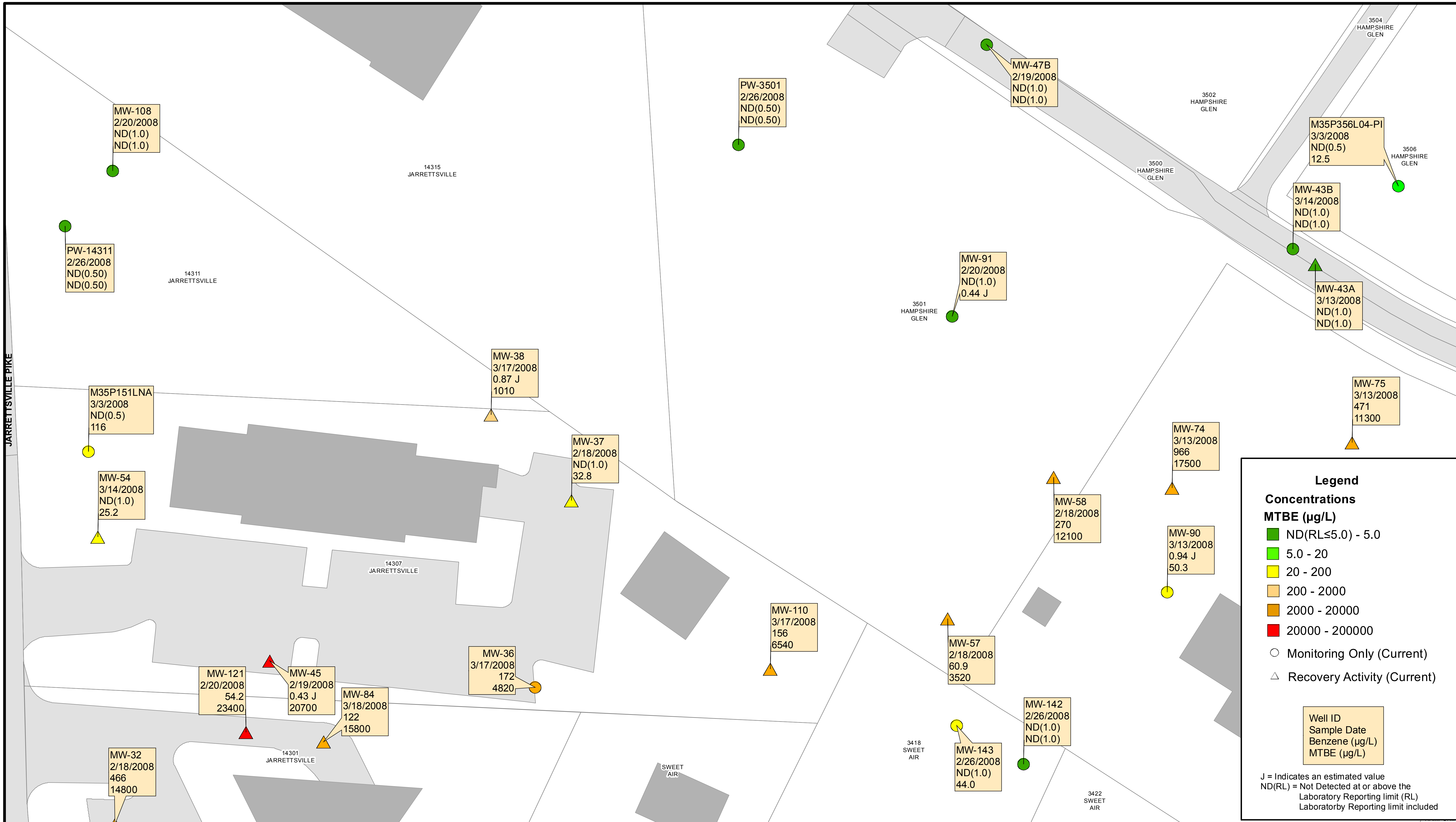


Figure 23: MW-37P Groundwater Drawdown Chart
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD
Drawdown (feet)
0
10
20
30
40
50
60
MW-91C brought online 5/28/10 (pump at 80 ft-bgs)
MW-91C pump lowered on 6/26/10 (pump at 146ft-bgs)
MW-178C brought online 12/29/10 (pump at 125ft-bgs)
MW-91C and 178C pumps temporarily shutdown on 1/28/11
MW-91C and MW-178C pumps re-started on 2/24/11 (pumps at 146ft-bgs and 124ft-bgs, respectively)
5/4/2010
6/3/2010
7/3/2010
8/2/2010
9/1/2010
10/1/2010
10/31/2010
11/30/2010
12/30/2010
1/29/2011
2/28/2011
3/30/2011
4/29/2011
5/29/2011
6/28/2011
7/28/2011
Date



N

0 20 40 80 120 160 Feet

Path: G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig11_GW_MTBE_Conc_Map041211.mxd

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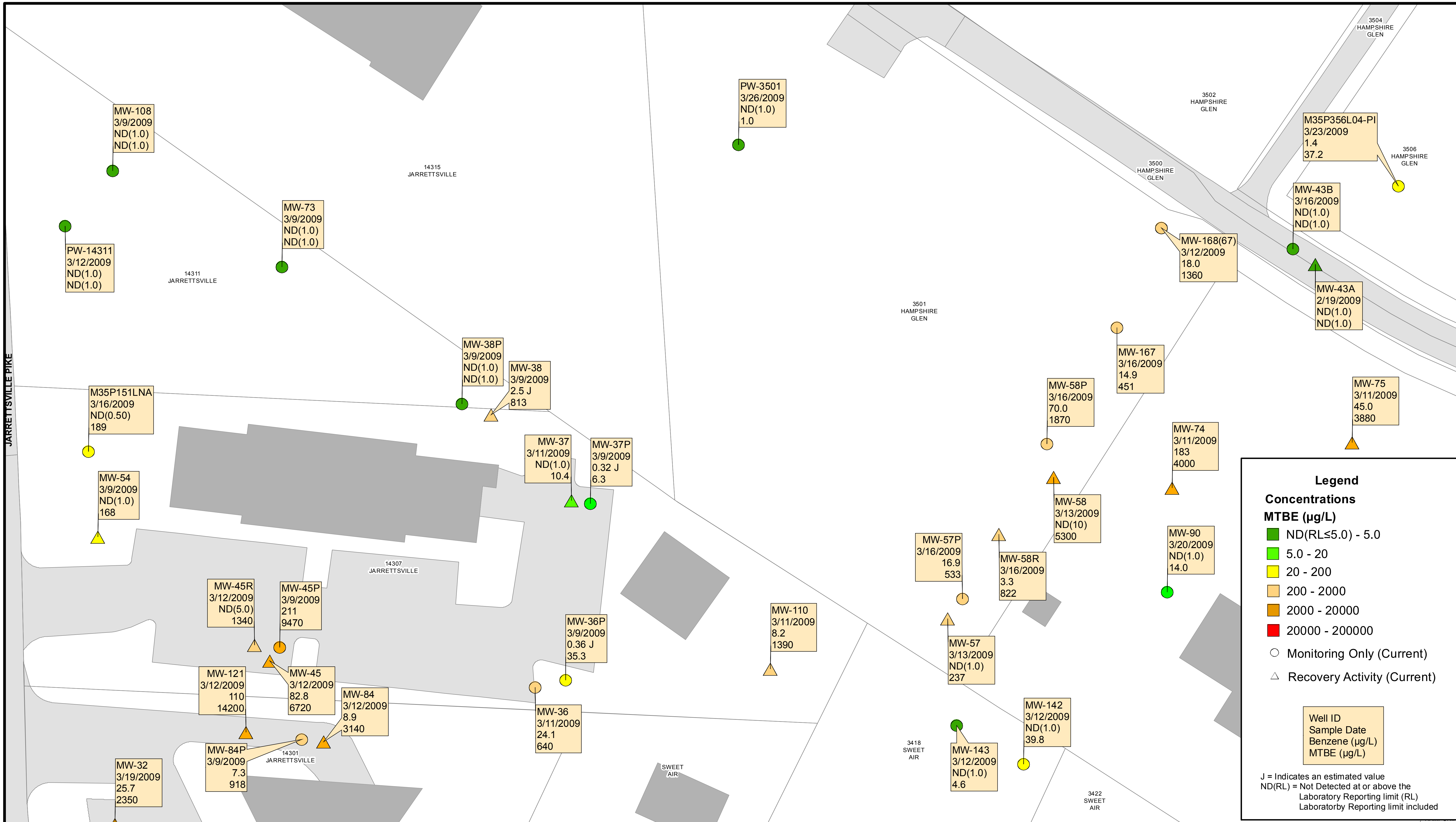
Cartography By: B. Myers | Date: 08/01/11

NEAR NORTHEAST AREA
MTBE CONCENTRATION MAP - 1st Qtr. 2008

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure 24a

Project Number: 115434 | File Name: MTBE Conc



N

0 20 40 80 120 160 Feet

Path: G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig11_GW_MTBE_Conc_Map041211.mxd

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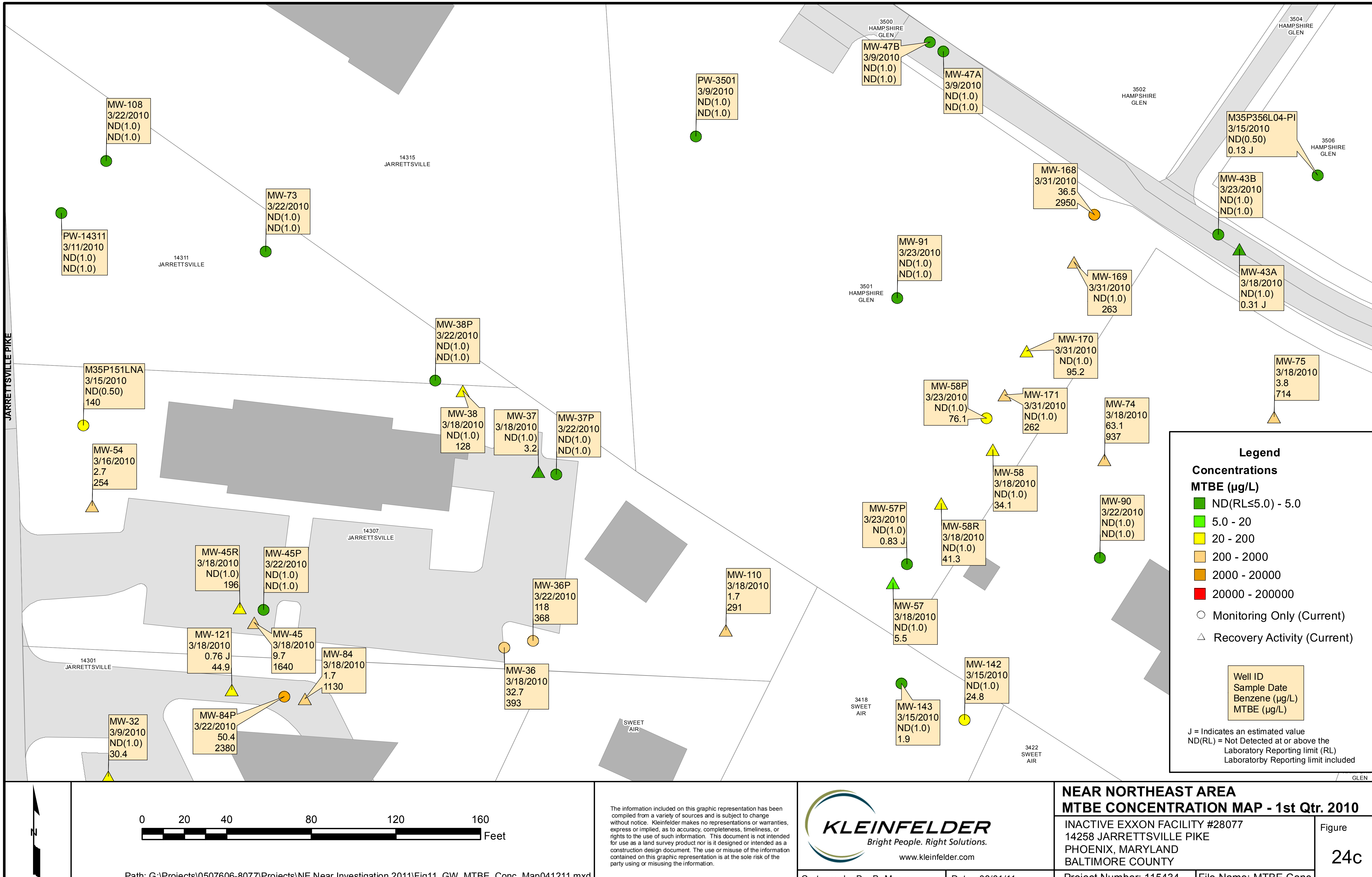
NEAR NORTHEAST AREA
MTBE CONCENTRATION MAP - 1st Qtr. 2009

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure
24b

Project Number: 115434 | File Name: MTBE Conc



Path: G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig11_GW_MTBE_Conc_Map041211.mxd

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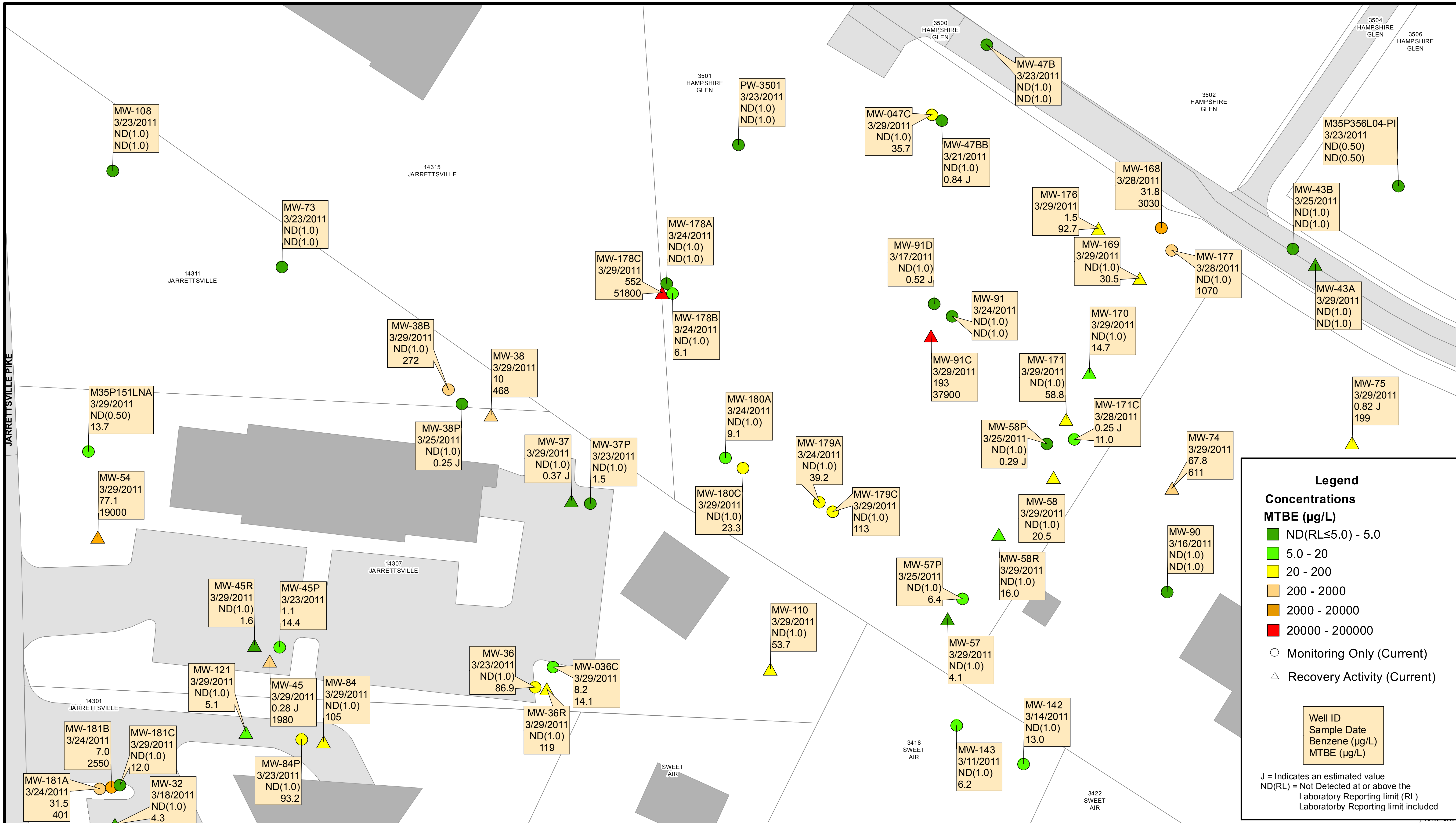
Cartography By: B. Myers | Date: 08/01/11

NEAR NORTHEAST AREA
MTBE CONCENTRATION MAP - 1st Qtr. 2010

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure 24c

Project Number: 115434 | File Name: MTBE Conc



Path: G:\Projects\0507606-8077\Projects\NE Near Investigation 2011\Fig11_GW_MTBE_Conc_Map041211.mxd

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NEAR NORTHEAST AREA
MTBE CONCENTRATION MAP - 1st Qtr. 2011

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

Figure 24d

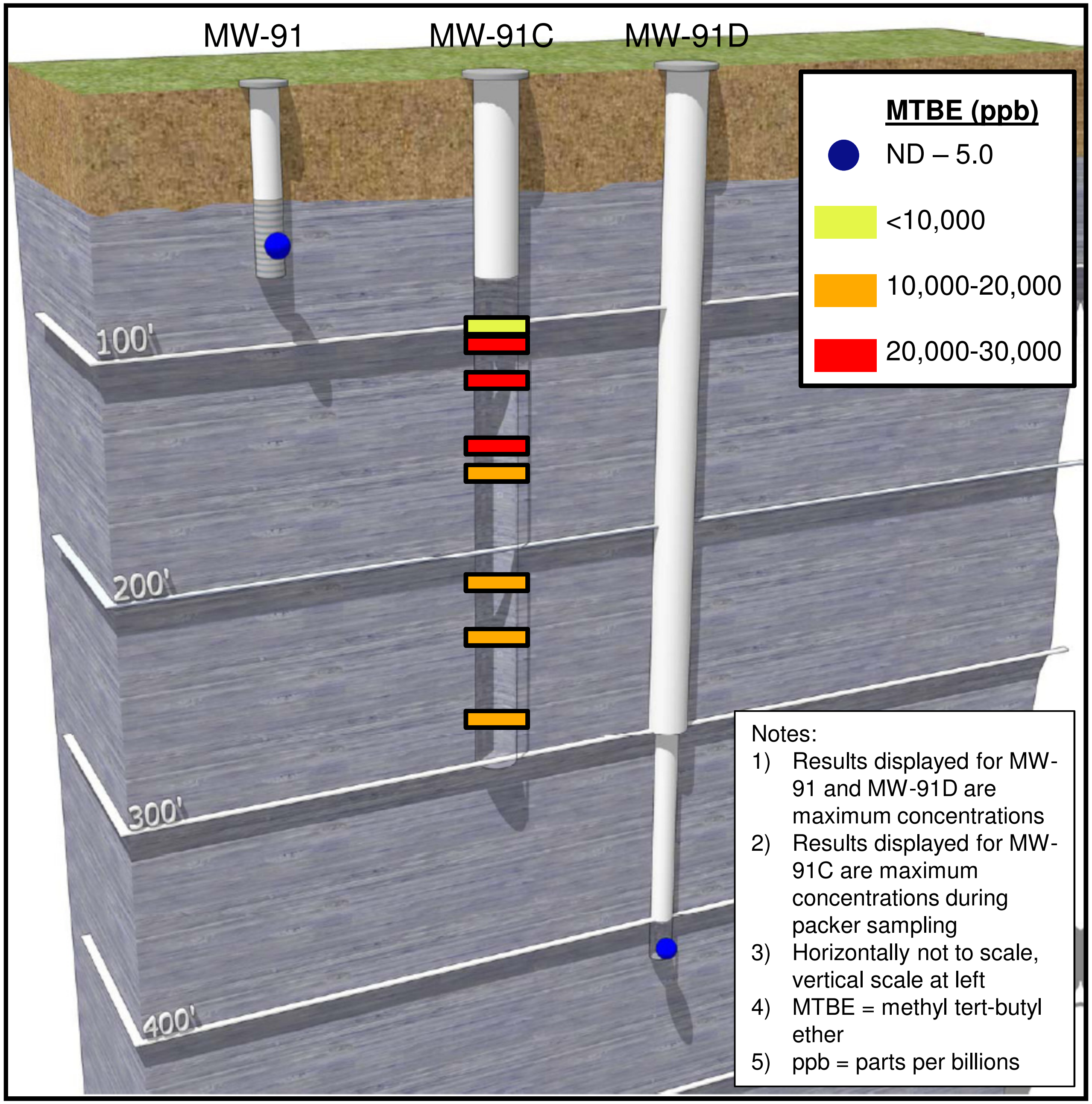
Cartography By: B. Myers | Date: 08/01/11 | Project Number: 115434 | File Name: MTBE Conc

Figure 25: MW-91 Well Cluster Cross Section Illustration

Inactive Exxon Facility #28077

14258 Jarrettsville Pike

Phoenix, MD



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APPENDICES

APPENDIX A
Near Northeast Area Boring Logs

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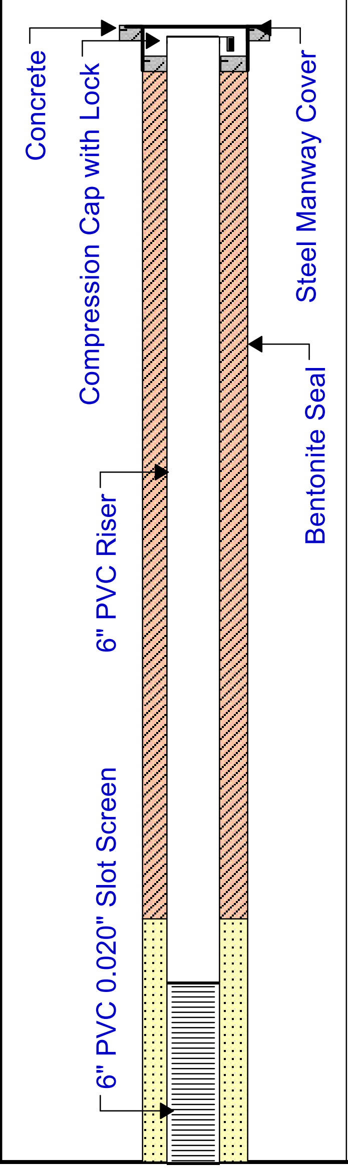
BORING LOG
Well No. MW-32

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 1, 2006
End Date: March 1, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 31.5 feet
Surface Elevation: 101.35 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Dan Raines

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum
Odors at well head

SUBSURFACE PROFILE			SAMPLE				Well Completion Details
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	
		Ground Surface					
0–0.5		Asphalt					
0.5–1		Gravel 3/4" stone					
1–14.5		Red-yellow damp SILT some clay, trace fine sand, trace mica (1-2 mm)				0.0 (0–11 ft)	
14.5–31.5		Yellow-brown damp SAPROLITIC SCHIST trace medium sand, some silt, mica (1-4 mm), quartz (1-2 mm)					
31.5–34		Yellow-brown dry MUSCOVITE SCHIST (bedrock), mica (1-4 mm), quartz (1-4 mm)				0.0 (at 34–35 ft)	



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-32

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 1, 2006
End Date: March 1, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 31.5 feet
Surface Elevation: 101.35 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Dan Raines

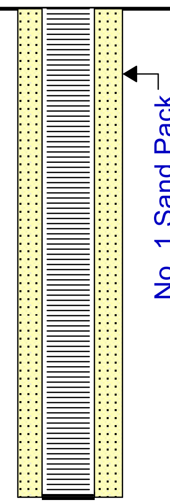
Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum
Odors at well head

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU)
35–37.5	Gray dry MUSCOVITE SCHIST (bedrock), mica (1-4 mm), quartz (1-4 mm)				798, 735, 724
37.5–43.5	Yellow-brown damp MUSCOVITE-BIOTITE SCHIST(softer bedrock) mica (1-4 mm), quartz (1-8 mm)				128, 218, 18.7, 27.1
43.5–46	Yellow-brown damp MUSCOVITE-BIOTITE SCHIST(harder bedrock) mica (1-4 mm), quartz (1-8 mm)				0.0, 0.0, 0.0, 0.0
46–48.5	Yellow-brown damp MUSCOVITE-BIOTITE SCHIST (bedrock), mica (1-4 mm), quartz (1-6 mm)				0.0
48.5–50	Gray damp MUSCOVITE-BIOTITE SCHIST (bedrock), mica (1-4 mm), quartz (1-6 mm)				0.0, 0.0
50	Gray dry MUSCOVITE-BIOTITE SCHIST (bedrock), mica (1-4 mm), quartz (1-6 mm)				
	End of Borehole				

PID Headspace scale: 0, 2500, 5000

Well Completion Details



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NA - Not Applicable
NM - Not Measured

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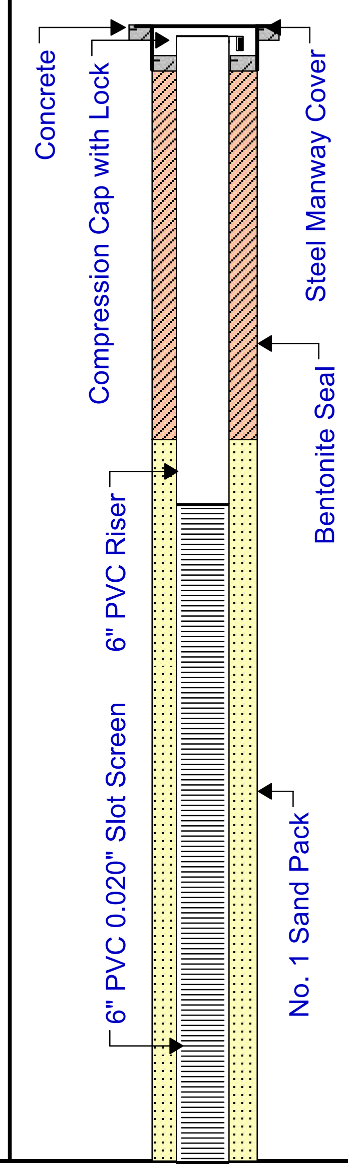
BORING LOG
Well No. MW-36

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 2, 2006
End Date: March 2, 2006
Total Hole Depth: 50.5 feet
Hole Diameter: 10 inches
Depth to Bedrock: 31 feet
Surface Elevation: 98.76 feet
Water Level (Initial): 41.5 fbg
Water Level (Static): NM
Logged By (Geol.): Dan Raines

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum
Odors at 53.5 fbg

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
0		Ground Surface						0
0–1		Grass/organic						
1		Organic horizon (o)						1
2–10		Red damp to wet SILT some clay, trace fine sand, cobbles				0.0		2–10
10		Red damp SAPROLITIC SCHIST trace medium sand, some silt, mica (<1%)				0.0		10
12–14		Red damp SAPROLITIC SCHIST trace medium sand, some silt, some mica (1-4 m)				0.0		12–14
15–31		Yellow-brown damp SAPROLITIC SCHIST trace medium sand, some silt, mica (1-4 mm)				0.0		15–31
31–35		Yellow-brown dry MUSCOVITE SCHIST(bedrock) mica (1-4 mm), quartz (1-4 mm)				21.8, 175		31–35



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NA - Not Applicable
NM - Not Measured

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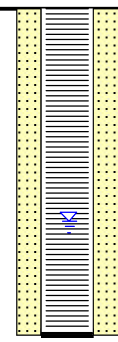
BORING LOG
Well No. MW-36

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 2, 2006
End Date: March 2, 2006
Total Hole Depth: 50.5 feet
Hole Diameter: 10 inches
Depth to Bedrock: 31 feet
Surface Elevation: 98.76 feet
Water Level (Initial): 41.5 fbg
Water Level (Static): NM
Logged By (Geol.): Dan Raines

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum
Odors at 53.5 fbg

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–37		Yellow-brown damp MUSCOVITE SCHIST(bedrock) mica (1-4 mm), quartz (1-4 mm)				184 829		36–37
38–41		Yellow-brown damp to wet MUSCOVITE SCHIST(bedrock) mica (1-4 mm), quartz (1-4 mm)				621 228		38–41
42–50		Yellow-brown saturated MUSCOVITE SCHIST(bedrock) mica (1-4 mm), quartz (1-4 mm)				128 88.9 55.2 47.1		42–50
51–70		End of Borehole						51–70



PID - Photoionization Detector
MU - Meter Units
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NA - Not Applicable
NM - Not Measured

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BORING LOG
Boring No. MW-36C

Project Name: Inactive Exxon Facility # 28077
Site Location: 14307 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

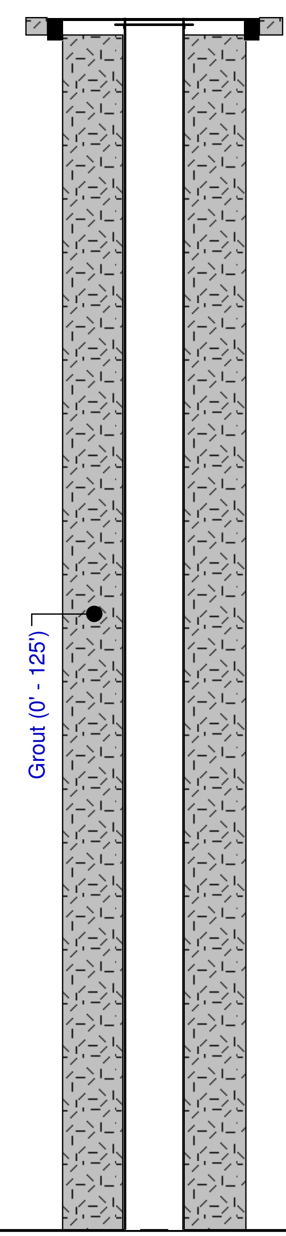
Start Date: 11-1-10
End Date: 11-12-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 35 feet
Surface Elevation: 590.50 ft./msl.
Water Level (Initial): 89 feet
Water Level (Static):
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3570
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 4.5 feet

SUBSURFACE PROFILE | **SAMPLE**

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)
	Ground Surface		
0 – 9	**ML** SILT with sand, dark red-brown, quartz fragments, muscovite, oxidized (Airknife to 4.5 feet)		
9 – 20	**SM** SILTY SAND, brown, fine to medium grain, trace mica, moist		0.6
20 – 35	**Ro** SCHIST, weathered, muscovite with trace biotite		2.1
			0.4
35 – 50	**Br** SCHIST, weathered, dark red-brown		1.0

Well Construction



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NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG
Boring No. **MW-36C**

Project Name: Inactive Exxon Facility # 28077
Site Location: 14307 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-12-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 35 feet
Surface Elevation: 590.50 ft./msl.
Water Level (Initial): 89 feet
Water Level (Static):
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3570
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 4.5 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
51–59		**Br** SCHIST, weathered, brown to gray, muscovite and trace biotite				51–59
60		**Br** SCHIST, unweathered, gray, muscovite with trace biotite and garnets		0.6		60
70				0.2		70
80				0.4		80
89		Water				89
90				0.2		90
100				0.2		100

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

KLEINFELDER Bright People. Right Solutions.	1340 Charwood Road, Suite I Hanover, MD 21076 (410) 850-0404	BORING LOG **Boring No. MW-36C**

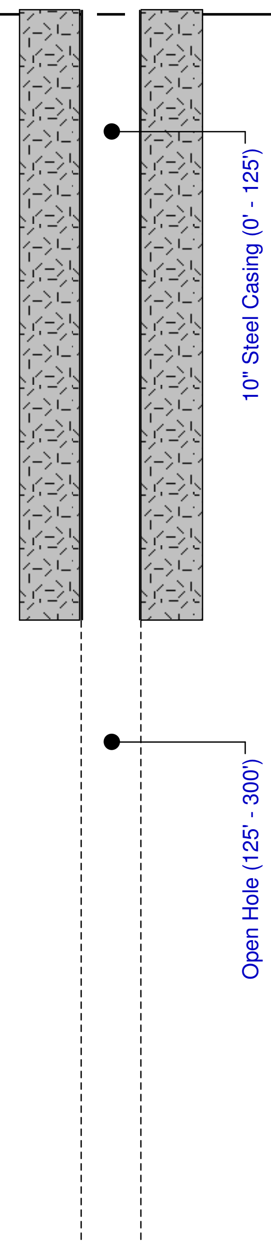
Project Name: Inactive Exxon Facility # 28077
Site Location: 14307 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-12-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 35 feet
Surface Elevation: 590.50 ft./msl.
Water Level (Initial): 89 feet
Water Level (Static):
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3570
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 4.5 feet

SUBSURFACE PROFILE | **SAMPLE**

Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
101						101
102						102
103						103
104						104
105						105
106						106
107						107
108						108
109						109
110				0.5		110
111						111
112						112
113						113
114						114
115						115
116						116
117						117
118						118
119						119
120				0.6		120
121						121
122						122
123						123
124						124
125				0.4		125
126						126
127						127
128						128
129						129
130						130
131						131
132						132
133						133
134						134
135				0.2		135
136						136
137						137
138						138
139						139
140						140
141						141
142						142
143						143
144						144
145				0.1		145
146						146
147						147
148						148
149						149
150						150



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NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

Boring No. **MW-36C**

Project Name: Inactive Exxon Facility # 28077
Site Location: 14307 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-12-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 35 feet
Surface Elevation: 590.50 ft./msl.
Water Level (Initial): 89 feet
Water Level (Static):
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3570
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 4.5 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
151						151
152						152
153						153
154						154
155				0.0		155
156						156
157						157
158						158
159						159
160						160
161						161
162						162
163						163
164						164
165				0.0		165
166						166
167						167
168						168
169						169
170						170
171						171
172						172
173						173
174						174
175				0.2		175
176						176
177						177
178						178
179						179
180						180
181						181
182						182
183						183
184						184
185				0.1		185
186						186
187						187
188						188
189						189
190						190
191						191
192						192
193						193
194						194
195				0.0		195
196						196
197						197
198						198
199						199
200						200

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BORING LOG
Boring No. MW-36C

Project Name: Inactive Exxon Facility # 28077
Site Location: 14307 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-12-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 35 feet
Surface Elevation: 590.50 ft./msl.
Water Level (Initial): 89 feet
Water Level (Static):
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3570
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 4.5 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
201						201
202						202
203						203
204						204
205				1.2		205
206						206
207						207
208						208
209						209
210						210
211						211
212						212
213						213
214						214
215				0.4		215
216						216
217						217
218						218
219						219
220						220
221						221
222						222
223						223
224						224
225				0.0		225
226						226
227						227
228						228
229						229
230						230
231						231
232						232
233						233
234						234
235				0.2		235
236						236
237						237
238						238
239						239
240						240
241						241
242						242
243						243
244						244
245				0.1		245
246						246
247						247
248						248
249						249
250						250

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

Boring No. MW-36C

Project Name: Inactive Exxon Facility # 28077
Site Location: 14307 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-12-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 35 feet
Surface Elevation: 590.50 ft./msl.
Water Level (Initial): 89 feet
Water Level (Static):
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3570
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 4.5 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
251						251
252						252
253						253
254						254
255				0.1		255
256						256
257						257
258						258
259						259
260				0.2		260
261						261
262						262
263						263
264						264
265						265
266						266
267						267
268						268
269						269
270						270
271						271
272						272
273						273
274						274
275				0.0		275
276						276
277						277
278						278
279						279
280						280
281						281
282						282
283						283
284						284
285				0.1		285
286						286
287						287
288						288
289						289
290						290
291						291
292						292
293						293
294						294
295				0.4		295
296						296
297						297
298						298
299				0.0		299
300						300

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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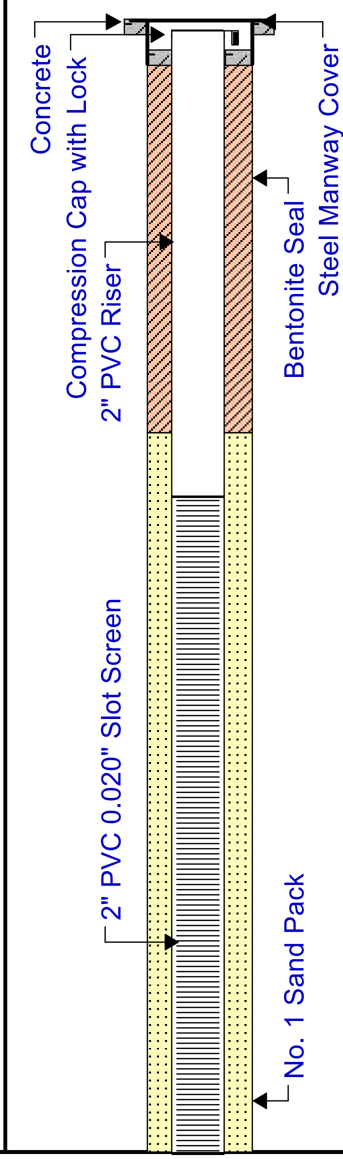
BORING LOG
Well No. MW-36P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Bob Buehler
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 29, 2006
End Date: March 29, 2006
Total Hole Depth: 45 feet
Hole Diameter: 8 inches
Depth to Bedrock: 38 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
		Ground Surface						
0		Lithology not recorded						0
8		Reddish-brown dry SILT some clay and fine sand						8
35								35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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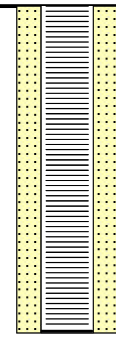
BORING LOG
Well No. MW-36P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Bob Buehler
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 29, 2006
End Date: March 29, 2006
Total Hole Depth: 45 feet
Hole Diameter: 8 inches
Depth to Bedrock: 38 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–38								36–38
38–45		Weathered BEDROCK						38–45
45		End of Borehole						45



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG

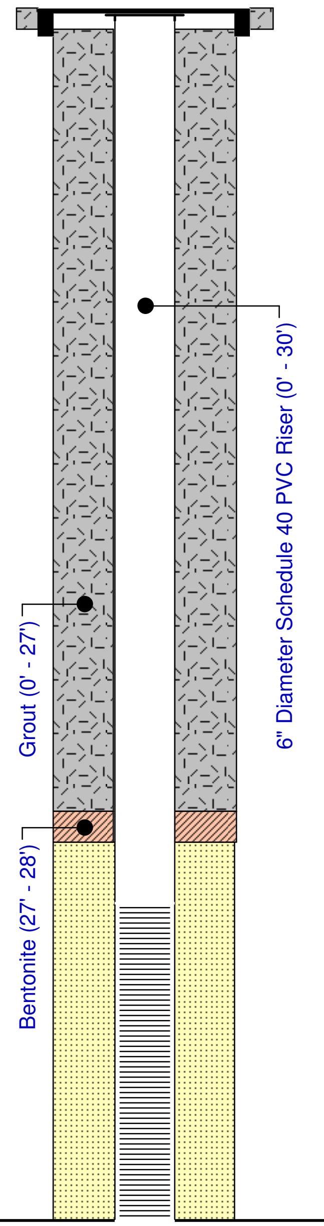
Boring No. MW-36R

Project Name: Inactive Exxon Facility # 28077
Site Location: 14307 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-2-10
End Date: 11-2-10
Total Hole Depth: 80 feet
Hole Diameter: 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 590.50 ft./msl.
Water Level (Initial): 50.0 feet
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3571
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface				
0–30		***ML*** SILT with sand, dark red-brown, quartz fragments, muscovite (micacious), oxidized, dry (Airknife to 8'0")		345.6 (2); 0.5 (26)		0–30
30–40		***Ro*** Saprolite, weathered SCHIST, brown, quartz fragments				30–40



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

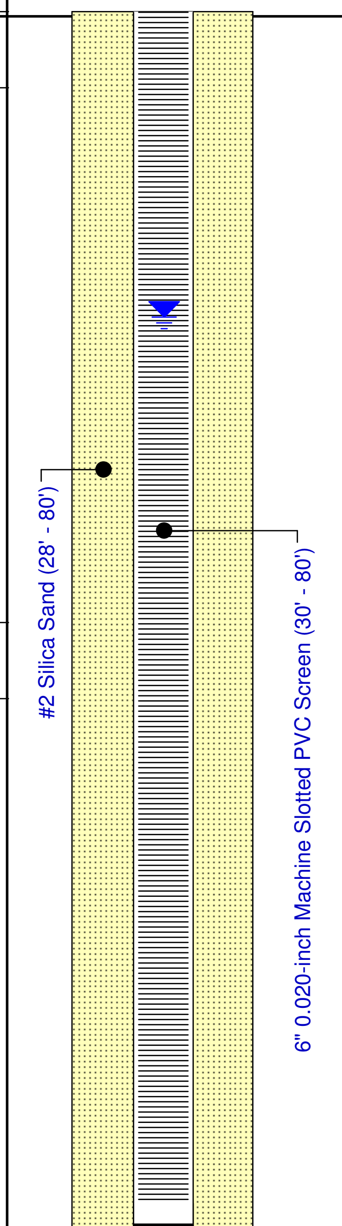
Boring No. MW-36R

Project Name: Inactive Exxon Facility # 28077
Site Location: 14307 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-2-10
End Date: 11-2-10
Total Hole Depth: 80 feet
Hole Diameter: 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 590.50 ft./msl.
Water Level (Initial): 50.0 feet
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3571
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
41–45				0.6		41–45
45–60		**Br** SCHIST, weathered, brown to gray, muscovite with trace quartz and biotite				45–60
60–80		**Br** SCHIST, unweathered, gray, muscovite with trace quartz, biotite and garnets		1.6		60–80



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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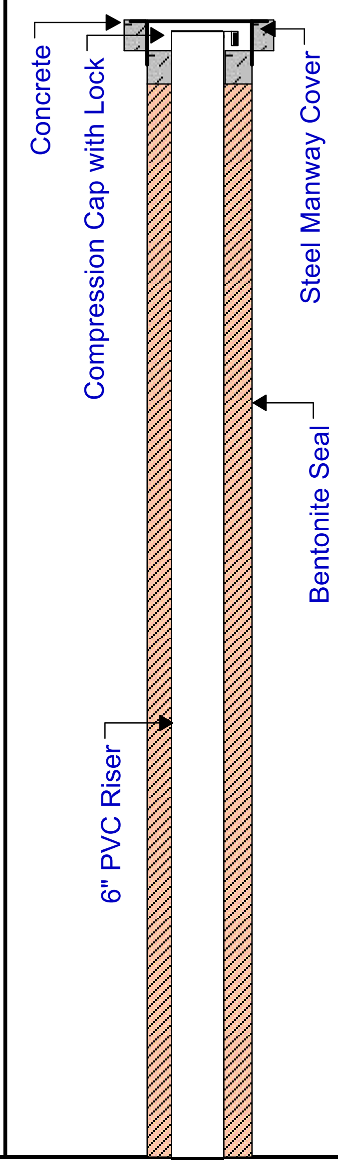
BORING LOG
Well No. MW-37

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 3, 2006
End Date: March 3, 2006
Total Hole Depth: 100 feet
Hole Diameter: 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 99.57 feet
Water Level (Initial): 54.5 feet
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE		SAMPLE					
Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
0	Ground Surface						0
0–1	Asphalt / Crushed Stone				0.0		
1–12	Red damp SILT, some clay, trace fine sand				0.0 (each foot, 1–11)		
12–16	Red SILT, some Clay, trace medium to fine sand				0.0 (each foot, 12–15)		
16–24	Red moist SAPROLITIC SCHIST, trace medium to fine sand, some clay				0.0 (each foot, 16–23)		
24–35	Yellow-brown moist to damp SAPROLITIC SCHIST, trace medium sand, some fine silt				0.0 (each foot, 24–34)		35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

Borehole was drilled to 100 feet below grade. Borehole partially collapsed and MW-37 was set to 96 feet below grade.

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BORING LOG
Well No. MW-37

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 3, 2006
End Date: March 3, 2006
Total Hole Depth: 100 feet
Hole Diameter: 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 99.57 feet
Water Level (Initial): 54.5 feet
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
35–64		Gray MUSCOVITE SCHIST bedrock (mica 1-2 mm)				0.0 (each foot)	6" PVC 0.020" Slot Screen; No. 1 Sand Pack	
64–70		Gray MUSCOVITE SCHIST bedrock (mica 1-4 mm)				0.0 (each foot)		

PID headspace readings (MU), 35–70 feet: 0.0 at every foot.

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

Borehole was drilled to 100 feet below grade. Borehole partially collapsed and MW-37 was set to 96 feet below grade.

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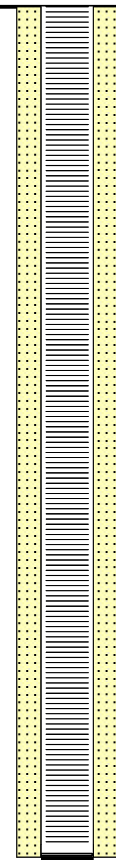
BORING LOG
Well No. MW-37

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 3, 2006
End Date: March 3, 2006
Total Hole Depth: 100 feet
Hole Diameter: 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 99.57 feet
Water Level (Initial): 54.5 feet
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
71–80						0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0		71–80
80–88		Gray MUSCOVITE SCHIST bedrock (mica 1-8 mm)				0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0		80–88
88–99		Gray MUSCOVITE SCHIST bedrock (mica 1-4mm)				0.9, 1.2, 1.4, 0.4, 0.6, 0.4, 0.2, 0.0, 0.0, 0.0, 0.0, 0.0		88–99
99–100		Gray MUSCOVITE SCHIST bedrock (mica 1-2mm)				0.0		99–100
100–105		End of Borehole						100–105



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

Borehole was drilled to 100 feet below grade. Borehole partially collapsed and MW-37 was set to 96 feet below grade.

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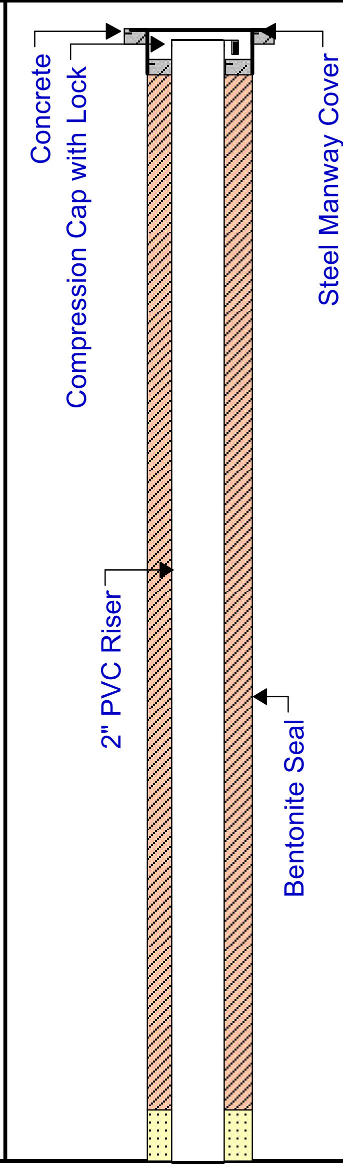
BORING LOG
Well No. MW-37P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Bob Buehler
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 1, 2006
End Date: April 1, 2006
Total Hole Depth: 98 feet
Hole Diameter: 8 inches
Depth to Bedrock: 41 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
		Ground Surface						
0		Brown dry fine SAND and SILT						0
23		Brown dry weathered SCHIST						23
35								35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-37P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Bob Buehler
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 1, 2006
End Date: April 1, 2006
Total Hole Depth: 98 feet
Hole Diameter: 8 inches
Depth to Bedrock: 41 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–41								36–41
41–70		Gray dry SCHIST (bedrock)					2" PVC 0.020" Slot Screen; No. 1 Sand Pack	41–70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
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BORING LOG
Well No. MW-37P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Bob Buehler
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 1, 2006
End Date: April 1, 2006
Total Hole Depth: 98 feet
Hole Diameter: 8 inches
Depth to Bedrock: 41 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
71–98								71–98
98		End of Borehole						98
99–105								99–105

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-38

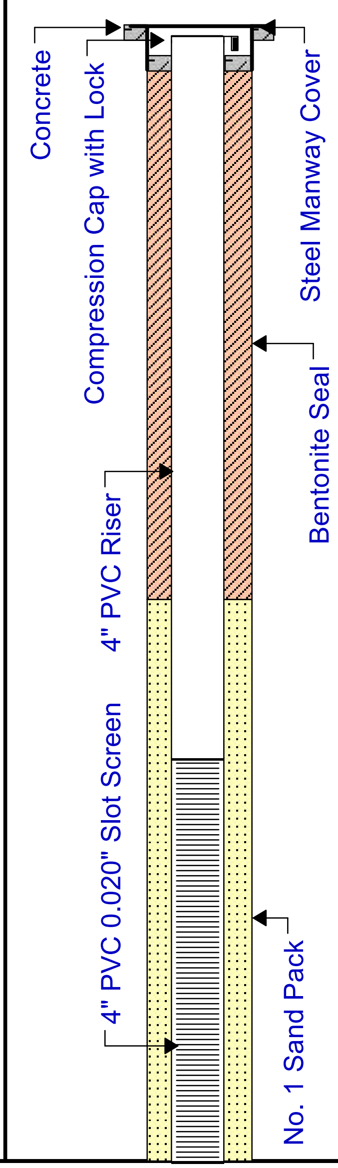
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 3, 2006
End Date: March 43 2006
Total Hole Depth: 45 feet
Hole Diameter: 8 inches
Depth to Bedrock: 33.0 feet
Surface Elevation: 104.34 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 6 feet using air knife and vacuum

SUBSURFACE PROFILE		SAMPLE					
Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
0	Ground Surface						0
0–6	Red-brown moist SILT some clay, trace mica and fine sand				0.0		
6–12	Red SAPROLITIC SCHIST (weathered) trace medium sand, silt				0.0		
12–30	Red SAPROLITIC SCHIST trace fine sand, trace medium sand, trace clay				0.0		
30–33	Yellow-brown SAPROLITIC SCHIST trace fine sand, trace medium sand, trace clay				0.0		
33–35	Gray dry MUSCOVITE SCHIST (bedrock)				0.0		35

PID readings: 0.0 at each foot from 0 to 34.



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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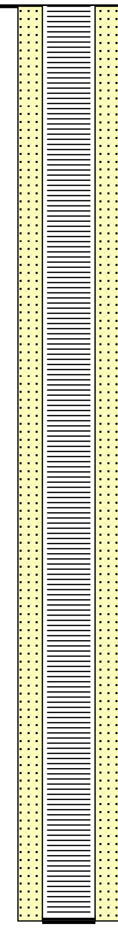
BORING LOG
Well No. MW-38

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 3, 2006
End Date: March 43 2006
Total Hole Depth: 45 feet
Hole Diameter: 8 inches
Depth to Bedrock: 33.0 feet
Surface Elevation: 104.34 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 6 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
35–38						0.0, 0.0, 0.0, 0.0		35–38
38–48		Yellow-brown dry MUSCOVITE SCHIST (bedrock)				0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0		38–48
48–60		Yellow-brown moist to wet MUSCOVITE SCHIST (bedrock) trace mica						48–60
60–70		Gray moist to wet MUSCOVITE SCHIST (bedrock)						60–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Boring No. MW-38B

Project Name: Inactive Exxon Facility # 28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 115434
Client: ExxonMobil
Drilling Company: B.L. Myers Bros.
Driller: P. Flynn
Drill Rig Type: Atlas Copco T3W
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 3-17-11
End Date: 3-21-11
Total Hole Depth: 125 feet
Hole Diameter: 10 " (0'-68') / 6" (68'-125')
Depth to Bedrock: 30 feet
Surface Elevation: NA
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3765
License No.: NA
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
0		Ground Surface				0
0–10		**ML** SILT with mica flakes, angular cobbles of weathered bedrock, red-brown, moist (Airknife to 8 feet)		0.7		
10–15		**ML** SILT, red-brown, weathered schist, fine gravel		0.1		
15–20		**ML** SILT, red-brown, weathered schist, fine gravel Drilling rate 5 feet / minute		0.3		
20–25		**ML** SILT, red-brown, weathered schist, fine gravel Drilling rate 2.5 feet / minute		0.6		
25–30		**ML** SILT, brown, weathered schist, fine gravel Drilling rate 2.5 feet / minute		0.3		
30–35		**Weathered Bedrock** Schist: Ilmenite, Quartz, Plagioclase, Biotite Drilling Rate 2.5 feet / minute		0.3		
35–40		Schist: Ilmenite, Quartz, Biotite, Plagioclase Drilling Rate 2 feet / minute		0.3		
40–45		**Bedrock** Drilling Rate slows to 1 foot / minute				
		SCHIST: Muscovite, Biotite, Quartz, Garnet Drilling Rate 1 foot / minute		0.4		
45–50		GNEISS: Hornblende, Quartz, Biotite, K-Feldspar, Ilmenite Drilling Rate 2 feet / minute		0.7		
50–55		GNEISS: Hornblende, Quartz, Biotite, Plagioclase, K-Feldspar, Ilmenite Drilling Rate 2 feet / minute		0.3		
55–60		SCHIST: Ilmenite, Quartz, Biotite, Muscovite, Garnet Drilling Rate 2.5 feet / minute		0.7		
60–65		SCHIST: Ilmenite, Quartz Drilling Rate 1.5 feet / minute		0.5		
		Water bearing fracture at 61 feet 1-2 gallons / minute				
70						70

Well Construction: Grout (5'-68'); 6" Diameter Steel Casing (0' - 68')

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

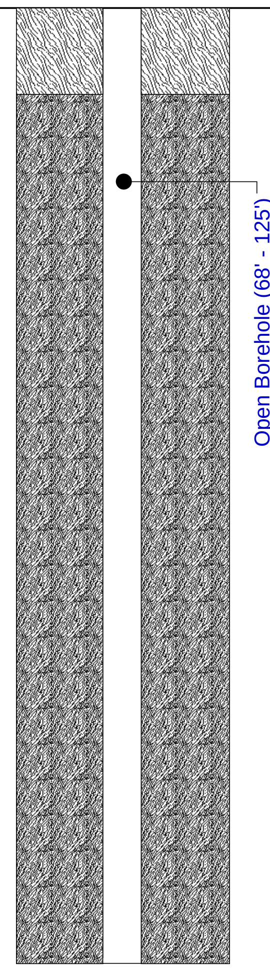
Boring No. MW-38B

Project Name: Inactive Exxon Facility # 28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 115434
Client: ExxonMobil
Drilling Company: B.L. Myers Bros.
Driller: P. Flynn
Drill Rig Type: Atlas Copco T3W
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 3-17-11
End Date: 3-21-11
Total Hole Depth: 125 feet
Hole Diameter: 10 " (0'-68') / 6" (68'-125')
Depth to Bedrock: 30 feet
Surface Elevation: NA
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3765
License No.: NA
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
71–75		GNEISS: Hornblende, Quartz, Biotite, K-Feldspar, Ilmenite Drilling Rate 0.3 feet / minute		0.0		71–75
75–80		Water bearing fracture at 74 feet 1-2 gallons / minute		0.0		75–80
80–83		SCHIST: Quartz, Muscovite, Ilmenite, Biotite, Garnet, Plagioclase Drilling Rate 5 feet / minute				80–83
83–85		SCHIST: Ilmenite, Quartz, Muscovite, Biotite, Garnet Drilling Rate 5 feet / minute		0.1		83–85
85–90		SCHIST: Ilmenite, Muscovite, Biotite, Quartz Drilling Rate 0.5 feet / minute		0.0		85–90
90–95		SCHIST: Ilmenite, Quartz, Muscovite, Biotite, Garnet Drilling Rate 2.5 feet / minute		0.1		90–95
95–100		SCHIST: Ilmenite, Quartz, Muscovite, Biotite, Garnet Drilling Rate 5 feet / minute		0.1		95–100
100–105		SCHIST: Ilmenite, Quartz, Muscovite, Biotite, Garnet Drilling Rate 3 feet / minute		0.1		100–105
105–110		SCHIST: Ilmenite, Quartz, Muscovite, Biotite, Garnet Drilling Rate 5 feet / minute		0.1		105–110
110–115		SCHIST: Ilmenite, Quartz, Muscovite, Biotite Drilling Rate 2.5 feet / minute		0.1		110–115
115–120		SCHIST: Ilmenite, Quartz, Muscovite, Biotite, Garnet Drilling Rate 2.5 feet / minute		0.1		115–120
120–124		SCHIST: Ilmenite, Quartz, Muscovite, Biotite, Garnet, Plagioclase Drilling Rate 5 feet / minute		0.2		120–124
124–125		SCHIST: Ilmenite, Quartz (Milky), Muscovite, Biotite, Garnet Drilling Rate 0.5 feet / minute				124–125
		End of Borehole				



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BORING LOG
Boring No. MW-38C

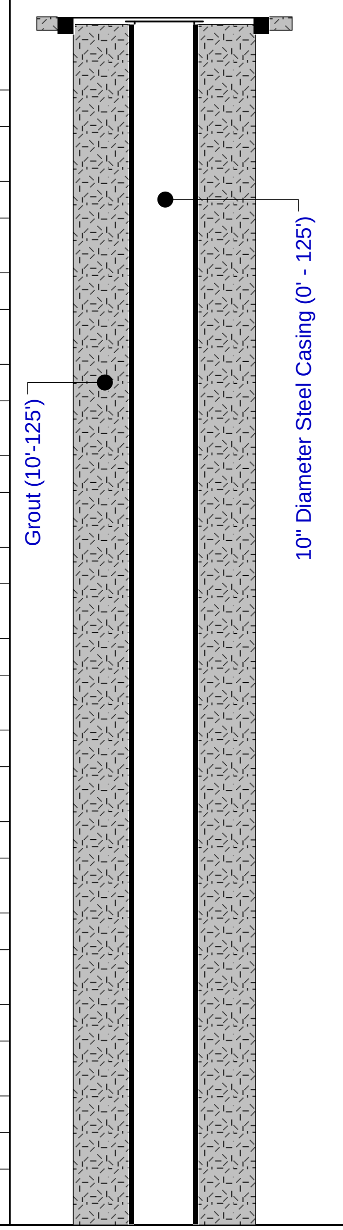
Project Name: Inactive Exxon Facility # 28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 115434
Client: ExxonMobil
Drilling Company: B.L. Myers Bros.
Driller: P. Flynn
Drill Rig Type: Atlas Copco T3W
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 3-17-11
End Date: 3-24-11
Total Hole Depth: 300 feet
Hole Diameter: 15" to 125', 10" 125'-300'
Depth to Bedrock: 29 feet
Surface Elevation: NA
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3766
License No.: NA
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE		SAMPLE		
Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Depth (feet)
0	Ground Surface			0
0–10	**ML** SILT, some fine sand, mica flakes, brown, moist, dense (Airknife to 8 feet)		0.0 (5)	
10–16	**ML** SILT, some coarse to fine sand, fine grained mica flakes, red-brown, moist, dense Drilling Rate 10 feet / minute		0.0 (10), 0.0 (15)	
16–22	**ML** SILT, coarse to fine sand, fine gravel, mica flakes, red-brown, moist, dense Drilling Rate 10 feet / minute		0.0 (20)	
22–28	**ML** SILT, coarse to fine sand, weathered schist gravel and cobbles, brown, moist Drilling Rate 5 feet / minute		0.0 (25)	
28–34	**ML** SILT, coarse to fine sand, fine to coarse gravel, weathered cobbles, brown, moist, very dense Drilling Rate 1 foot / minute		0.0 (30)	
34–45	**Weathered Bedrock** Weathered Gneiss: Quartz, Biotite, Ilmenite, Plagioclase Drilling Rate 1 foot / minute		0.0 (35), 0.0 (40)	
45–50	Weathered Gneiss: Quartz, Biotite, Ilmenite, Plagioclase Drilling Rate 0.5 feet / minute		0.0 (45)	
50–62	**Bedrock** GNIESS: Ilmenite, Plagioclase, Garnet, Biotite Drilling Rate 0.67 feet / minute		0.0 (50), 0.2 (55), 0.1 (60)	
62–65	SCHIST: Ilmenite, Quartz, Muscovite, Garnet Drilling Rate 0.25 feet / minute		0.0 (62), 0.0 (64)	65

Well Construction



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BORING LOG
Boring No. MW-38C

Project Name: Inactive Exxon Facility # 28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 115434
Client: ExxonMobil
Drilling Company: B.L. Myers Bros.
Driller: P. Flynn
Drill Rig Type: Atlas Copco T3W
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 3-17-11
End Date: 3-24-11
Total Hole Depth: 300 feet
Hole Diameter: 15" to 125', 10" 125'-300'
Depth to Bedrock: 29 feet
Surface Elevation: NA
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3766
License No.: NA
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
66 67 68 69						66 67 68 69
70 71 72 73 74		SCHIST: Muscovite, Quartz, Biotite, Ilmenite, Garnet Drilling Rate 0.1 feet / minute		0.0		70 71 72 73 74
75 76 77 78 79		WEATHERED SCHIST: Biotite, Muscovite, Quartz, Ilmenite, Oxidized Muscovite Drilling Rate 1 foot / minute		0.3		75 76 77 78 79
80 81 82 83 84		SCHIST: Biotite, Muscovite, Quartz, Garnet, Plagioclase Drilling Rate 0.67 feet / minute		0.3		80 81 82 83 84
85 86 87 88 89		SCHIST: Greater percentage Biotite, greater percentage Quartz, Muscovite, Garnet Drilling Rate 0.25 feet / minute		0.1		85 86 87 88 89
90 91 92 93 94		SCHIST: Greater percentage Quartz, Biotite, Muscovite, Garnet Drilling Rate 0.2 feet / minute		0.0		90 91 92 93 94
95 96 97 98 99		SCHIST: Biotite, greater percentage Muscovite, smaller percentage Quartz Drilling Rate 0.25 feet / minute		0.0		95 96 97 98 99
100 101 102 103 104		SCHIST: Quartz, Biotite, Muscovite, equal percentages Drilling Rate 0.2 feet / minute		0.7		100 101 102 103 104
105 106 107 108 109		SCHIST: Quartz, Biotite, Muscovite in equal percentages, Garnet Drilling Rate 0.2 feet / minute		0.1		105 106 107 108 109
110 111 112 113 114		SCHIST: Quartz, Biotite, Muscovite, equal percentages Drilling Rate 0.2 feet / minute		0.3		110 111 112 113 114
115 116 117 118 119		SCHIST: Quartz, Biotite, Muscovite, Garnet Drilling Rate 0.2 feet / minute		0.3		115 116 117 118 119
120 121 122 123 124		SCHIST: Greater percentage Biotite and Muscovite, Quartz Drilling Rate 0.14 feet / minute		0.7		120 121 122 123 124
125 126 127 128 129		SCHIST: Greater percentage Quartz, Muscovite, Biotite, Garnet Drilling Rate 0.125 feet / minute		0.4		125 126 127 128 129
130				0.0		130

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BORING LOG
Boring No. MW-38C

Project Name: Inactive Exxon Facility # 28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 115434
Client: ExxonMobil
Drilling Company: B.L. Myers Bros.
Driller: P. Flynn
Drill Rig Type: Atlas Copco T3W
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 3-17-11
End Date: 3-24-11
Total Hole Depth: 300 feet
Hole Diameter: 15" to 125', 10" 125'-300'
Depth to Bedrock: 29 feet
Surface Elevation: NA
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3766
License No.: NA
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
131–135		SCHIST: Quartz, Biotite, Muscovite, Garnet, cutting fragments larger Drilling Rate 1 foot / minute		0.0	Open Borehole (125' - 300')	131–135
136–140		SCHIST: Quartz, Biotite, Muscovite, cutting fragments smaller Drilling Rate 1 foot / minute		0.0		136–140
141–145		SCHIST: Quartz, Biotite, Muscovite Drilling Rate 1 foot / minute		0.0		141–145
146–150		SCHIST: Quartz, Biotite, Muscovite, Plagioclase Drilling Rate 1 foot / minute		0.0		146–150
151–155		Quartz, Biotite, Muscovite, Ilmenite, Plagioclase, Garnet, Hornblende Drilling Rate 1.25 feet / minute		0.0		151–155
156–165		SCHIST: Biotite, Quartz, Muscovite, Garnet Drilling Rate 1 foot / minute		0.0 0.0		156–165
166–170		SCHIST: Biotite, Quartz, greater percentage Muscovite, Garnet, Plagioclase Drilling Rate 1 foot / minute		0.0		166–170
171–175		Drilling Rate 1.25 feet / minute		0.0		171–175
176–180		Drilling Rate 1 foot / minute		0.0		176–180
181–185		SCHIST: Mostly Muscovite and Biotite, with Quartz Drilling Rate 1.25 feet / minute		0.0		181–185
186–190		SCHIST: Mostly Muscovite and Biotite, with greater percentage Quartz, Garnet, Plagioclase Drilling Rate 1.25 feet / minute		0.0		186–190
191–195		SCHIST: Quartz, Muscovite, Biotite, Plagioclase, Garnet Drilling Rate 1.25 feet / minute		0.0		191–195

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BORING LOG
Boring No. MW-38C

Project Name: Inactive Exxon Facility # 28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 115434
Client: ExxonMobil
Drilling Company: B.L. Myers Bros.
Driller: P. Flynn
Drill Rig Type: Atlas Copco T3W
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 3-17-11
End Date: 3-24-11
Total Hole Depth: 300 feet
Hole Diameter: 15" to 125', 10" 125'-300'
Depth to Bedrock: 29 feet
Surface Elevation: NA
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3766
License No.: NA
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
196 197 198 199 200 201 202 203 204 205 206 207 208 209 210		Drilling Rate 1 foot / minute		0.0 0.0		196 197 198 199 200 201 202 203 204 205 206 207 208 209 210
211 212 213 214 215		SCHIST: Quartz, Biotite, Muscovite, Plagioclase, Garnet Drilling Rate 2 feet / minute		0.0		211 212 213 214 215
216 217 218 219 220		SCHIST: Quartz, Biotite, Muscovite, Plagioclase, Garnet Drilling Rate 0.5 feet / minute		0.0		216 217 218 219 220
221 222 223 224 225		Drilling Rate 1 foot / minute		0.0		221 222 223 224 225
226 227 228 229 230		Drilling Rate 2 feet / minute		0.0		226 227 228 229 230
231 232 233 234 235		Drilling Rate 1 foot / minute		0.0		231 232 233 234 235
236 237 238 239 240		SCHIST: Quartz, Muscovite, Biotite Drilling Rate 1 foot / minute		0.0		236 237 238 239 240
241 242 243 244 245		SCHIST: Biotite, Muscovite, Quartz, Plagioclase, Calcite Drilling Rate 1 foot / minute		0.0		241 242 243 244 245
246 247 248 249 250		SCHIST: Biotite, Muscovite, Quartz Drilling Rate 0.67 feet / minute		0.0		246 247 248 249 250
251 252 253 254 255		Drilling Rate 1.25 feet / minute		0.0		251 252 253 254 255
256 257 258 259 260		SCHIST: Biotite, Muscovite, Quartz, Plagioclase Drilling Rate 1 foot / minute		0.0		256 257 258 259 260

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KLEINFELDER Bright People. Right Solutions.	**1340 Charwood Road, Suite I** **Hanover, MD 21076** **(410) 850-0404**	BORING LOG **Boring No. MW-38C**

Project Name: Inactive Exxon Facility # 28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 115434
Client: ExxonMobil
Drilling Company: B.L. Myers Bros.
Driller: P. Flynn
Drill Rig Type: Atlas Copco T3W
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 3-17-11
End Date: 3-24-11
Total Hole Depth: 300 feet
Hole Diameter: 15" to 125', 10" 125'-300'
Depth to Bedrock: 29 feet
Surface Elevation: NA
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3766
License No.: NA
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
261–275				0.0 (265) 0.0 (270) 0.0 (275)		261–275
275–285		Drilling Rate 0.5 feet / minute		0.0 (280) 0.0 (285)		275–285
285–290		SCHIST: Biotite, greater percentage Muscovite, Quartz Drilling Rate 0.67 feet / minute		0.0 (290)		285–290
290–300		Drilling Rate 0.5 feet / minute		0.0 (299)		290–300
300–325		End of Borehole				300–325

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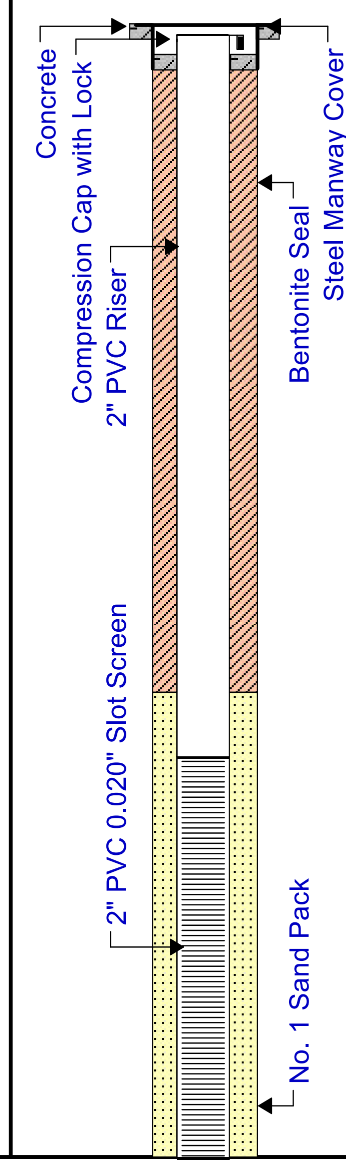
BORING LOG
Well No. MW-38P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Paul Flynn
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 29, 2006
End Date: March 29, 2006
Total Hole Depth: 63 feet
Hole Diameter: 8 inches
Depth to Bedrock: 34 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
		Ground Surface						
0–8		Lithology not recorded						
8–25		Reddish-brown dry SILT some clay and fine sand						
25–30		SAPROLITE						
30–31		Dark gray BEDROCK						
31–34		SAPROLITE						
34–35		BEDROCK						



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BORING LOG
Well No. MW-38P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Paul Flynn
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 29, 2006
End Date: March 29, 2006
Total Hole Depth: 63 feet
Hole Diameter: 8 inches
Depth to Bedrock: 34 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–63								36–63
63		End of Borehole						63
64–70								64–70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

GSC KLEINFELDER Employee-owned	**1 AAA Drive, Suite 203** **Hamilton, NJ 08691** **(609) 584-5271**	# BORING LOG **Well No. MW-43A**

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

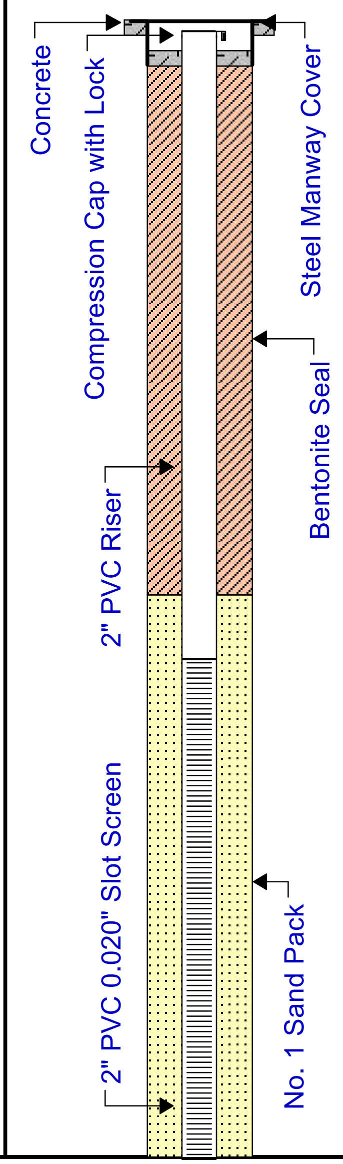
Start Date: March 4, 2006
End Date: March 4, 2006
Total Hole Depth: 40 feet
Hole Diameter: 6 inches
Depth to Bedrock: 22 feet
Surface Elevation: 86.41 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000
0	Ground Surface				
0–10	Reddish brown moist SILT, some fine sand, trace clay and mica				0.0, 0.0, 0.0, 0.0, 0.0
10–22	Reddish brown moist SAPROLITIC SCHIST, highly weathered				0.0, 0.0, 0.0, 0.0, 0.0, 0.0
22–27	Gray MUSCOVITE SCHIST bedrock, some mica (1-2 mm)				0.0, 0.0, 0.2
27–35	Reddish brown MUSCOVITE SCHIST bedrock, some mica (1-2 mm), water-bearing fracture at 30 to 31 feet below grade, void/fracture at 33 to 34 feet below grade				0.0, 0.0, 0.0, 0.0

Well Completion Details



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-43A

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 4, 2006
End Date: March 4, 2006
Total Hole Depth: 40 feet
Hole Diameter: 6 inches
Depth to Bedrock: 22 feet
Surface Elevation: 86.41 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36						0.4		36
37								37
38						0.0		38
39								39
40						0.0		40
41		End of Borehole						41
42								42
43								43
44								44
45								45
46								46
47								47
48								48
49								49
50								50
51								51
52								52
53								53
54								54
55								55
56								56
57								57
58								58
59								59
60								60
61								61
62								62
63								63
64								64
65								65
66								66
67								67
68								68
69								69
70								70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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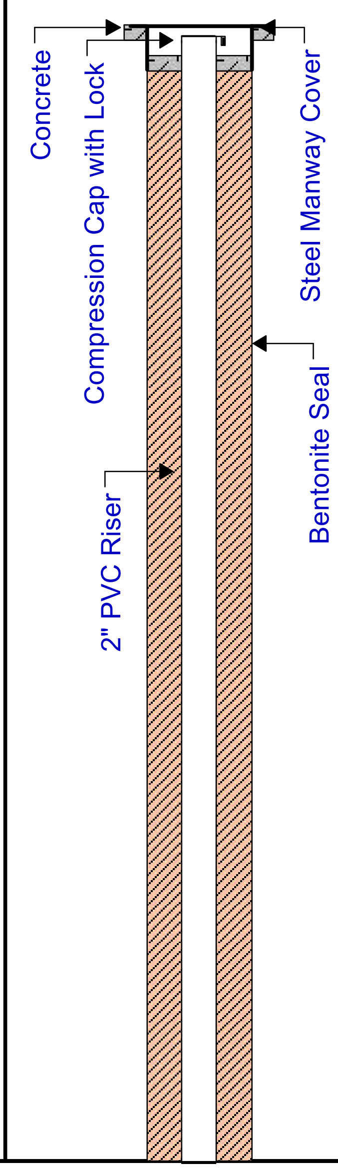
BORING LOG
Well No. MW-43B

Project Name: Exxon #28077
Site Location: 14250 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Meyers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 4, 2006
End Date: March 4, 2006
Total Hole Depth: 55 feet
Hole Diameter: 6 inches
Depth to Bedrock: 22 feet
Surface Elevation: 85.55 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
0		Ground Surface						0
0–10		Reddish brown moist SILT, some fine sand, trace clay and mica				0.0, 0.0, 0.0, 0.0, 0.0		0–10
10–22		Reddish brown moist SAPROLITIC SCHIST, highly weathered				0.0, 0.0, 0.0, 0.0, 0.0, 0.0		10–22
22–27		Gray MUSCOVITE SCHIST bedrock, some mica (1-2 mm)				0.0, 0.2		22–27
27–35		Reddish brown MUSCOVITE SCHIST bedrock, some mica (1-2 mm), water-bearing fracture at 30 to 31 feet below grade, void/fracture at 33 to 34 feet below grade				0.0, 0.0, 0.0, 0.0		27–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

KLEINFELDER
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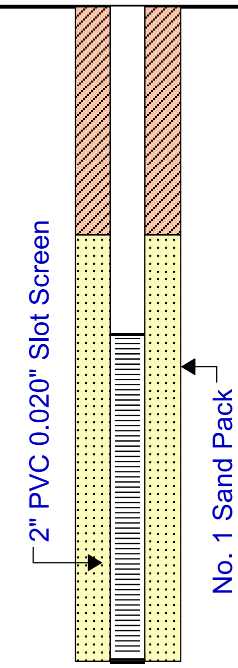
BORING LOG
Well No. MW-43B

Project Name: Exxon #28077
Site Location: 14250 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Meyers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 4, 2006
End Date: March 4, 2006
Total Hole Depth: 55 feet
Hole Diameter: 6 inches
Depth to Bedrock: 22 feet
Surface Elevation: 85.55 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		Depth (feet)
36						0.4		36
38						0.0		38
40						0.0		40
42						0.2		42
44						0.0		44
46						0.0		46
48		Gray moist to wet MUSCOVITE SCHIST bedrock, some mica (1-2 mm)				0.0		48
50						0.0		50
52						0.0		52
54						0.0		54
55		End of Borehole				0.0		55



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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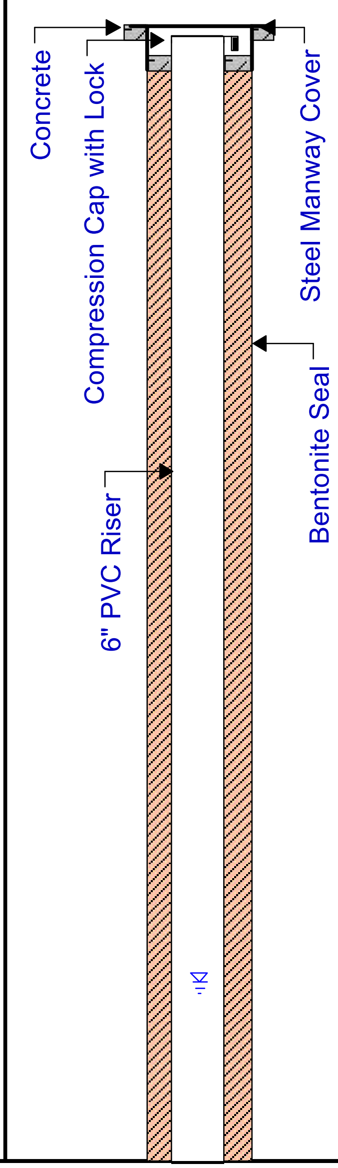
BORING LOG
Well No. MW-45

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: Eichelbergers, Inc.
Driller:
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 75 feet
Hole Diameter: 10 inches
Depth to Bedrock: 40 feet
Surface Elevation: 101.99 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.):

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 5 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		Depth (feet)
0		Ground Surface						0
0–1		Asphalt / Crushed Stone						
1–5		Soil not logged during hand clearing activities						
5–35		Brown dry SILT and fine SAND (micaceous)						
7						0.0		7
12						0.0		12
17						0.0		17
22						0.0		22
32						0.0		32



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

Following drilling, hole partially collapsed and the well was set to 73 feet below grade.

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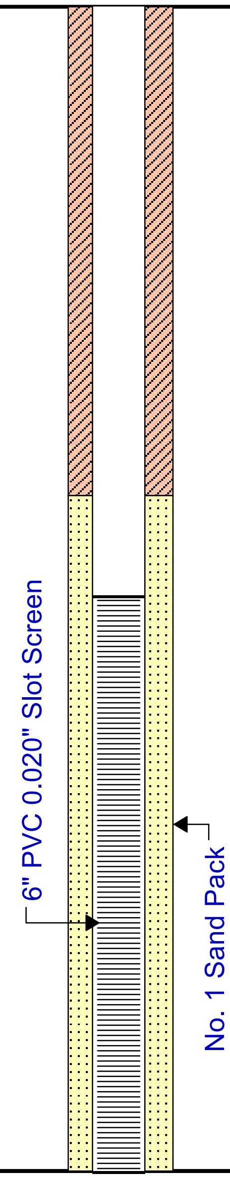
BORING LOG
Well No. MW-45

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: Eichelbergers, Inc.
Driller:
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 75 feet
Hole Diameter: 10 inches
Depth to Bedrock: 40 feet
Surface Elevation: 101.99 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.):

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 5 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–39								36–39
40		SCHIST bedrock, fractured at 72 to 73 feet below grade				0.0		40
42						0.0		42
47						0.0		47
52						0.0		52
57						0.0		57
62						0.0		62
67						0.0		67
70								70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

Following drilling, hole partially collapsed and the well was set to 73 feet below grade.

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BORING LOG
Well No. MW-45

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: Eichelbergers, Inc.
Driller:
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 75 feet
Hole Diameter: 10 inches
Depth to Bedrock: 40 feet
Surface Elevation: 101.99 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.):

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 5 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
71–75						0.0 (~72.5); 0.0 (~74)		71–75
75		End of Borehole						75
76–105								76–105

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

Following drilling, hole partially collapsed and the well was set to 73 feet below grade.

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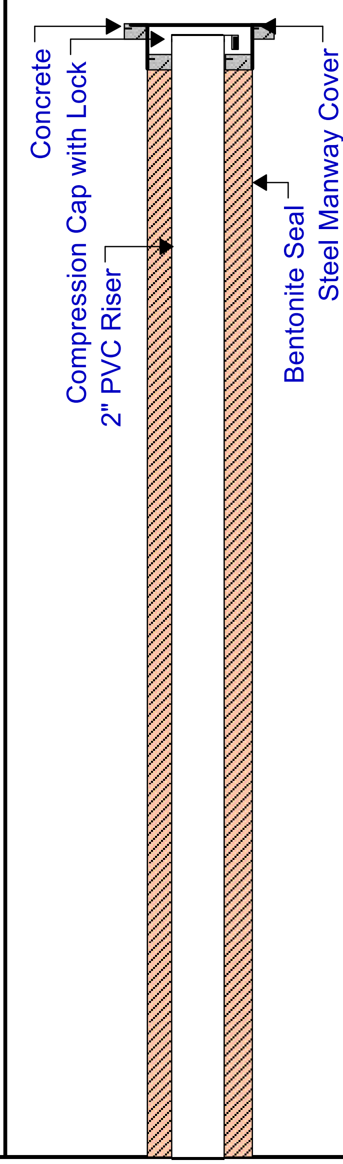
BORING LOG
Well No. MW-45P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Paul Flynn
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 2, 2006
End Date: April 2, 2006
Total Hole Depth: 72.5 feet
Hole Diameter: 8 inches
Depth to Bedrock: 40 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
		Ground Surface						
0–23		Brown dry fine SAND and SILT				0.0 (at ~11.5 ft)		0–23
23–35		Brown dry weathered SCHIST				0.0 (at ~31.5 ft)		23–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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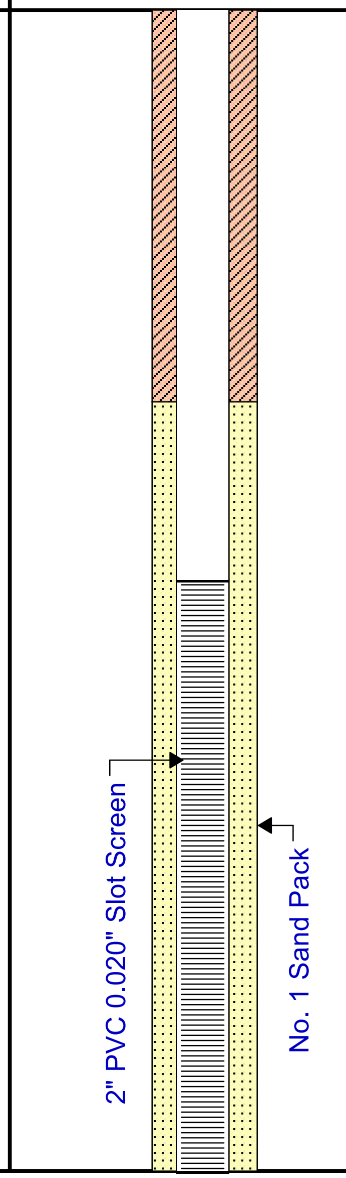
BORING LOG
Well No. MW-45P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Paul Flynn
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 2, 2006
End Date: April 2, 2006
Total Hole Depth: 72.5 feet
Hole Diameter: 8 inches
Depth to Bedrock: 40 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–40								36–40
40		Gray dry SCHIST (bedrock)						40
56						0.0		56
70								70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-45P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Paul Flynn
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 2, 2006
End Date: April 2, 2006
Total Hole Depth: 72.5 feet
Hole Diameter: 8 inches
Depth to Bedrock: 40 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
71								71
72								72
73		End of Borehole						73
74								74
75								75
76								76
77								77
78								78
79								79
80								80
81								81
82								82
83								83
84								84
85								85
86								86
87								87
88								88
89								89
90								90
91								91
92								92
93								93
94								94
95								95
96								96
97								97
98								98
99								99
100								100
101								101
102								102
103								103
104								104
105								105

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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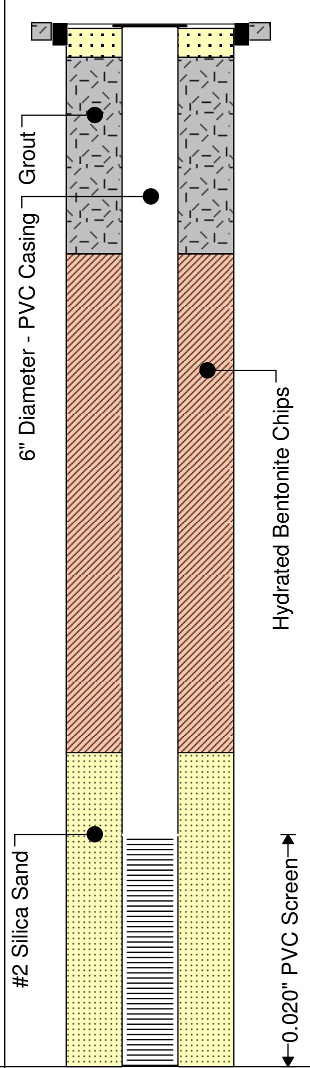
BORING LOG
Well No. MW-45R

Project Name:	*Exxon Facility 28077*	*Start Date:*	*6-30-08*	*Logged By:*	*MB*
Site Location:	*14258 Jarrettsville Pike, Phoenix, MD*	*End Date:*	*6-30-08*	*Permit No.:*	*BA-95-2523*
Project No:	*88407*	*Total Hole Depth:*	*90*	*Checked By:*	*JH*
Client:	*ExxonMobil Environmental Services*	*Hole Diameter:*	*8"*	*Notes:*	*Airknifed to 8 feet*
Drilling Company:	*BL Myers Bros. of PA*	*Depth to Bedrock:*	*41'*		
Driller:	*Ray Chilcoate*	*Well Diameter:*	*6"*		
Drill Rig Type:	*Schramm T450W Rotadrill*	*Water Level (Initial):*			
Drilling Method:	*Air Rotary*	*Screen Length:*	*20'*		
Sampling Method:	*Cuttings*	*TOC Elevation:*			

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		GROUND SURFACE						
0.0–8.0		AirKnife to 8.0'						
8.0–33.0		**SM** SILTY SAND- dry brown fine sand and silt with mica						
33.0–41.0		**Rk** Encountering weathered bedrock, schist						
41.0–50.0		**Rk** Cuttings become grey, drilling becomes harder, hard bedrock						
50.0–65.0		**Rk** Cutting becomes dark grey, drilling becomes harder						
65.0–75.0		**Rk** Dark grey cutting, slight moisture						
75.0–90.0		**Rk** Dark grey cuttings						



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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BORING LOG
Well No. MW-47A

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 40 feet
Hole Diameter: 6 inches
Depth to Bedrock: 18 feet
Surface Elevation: 93.31
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE

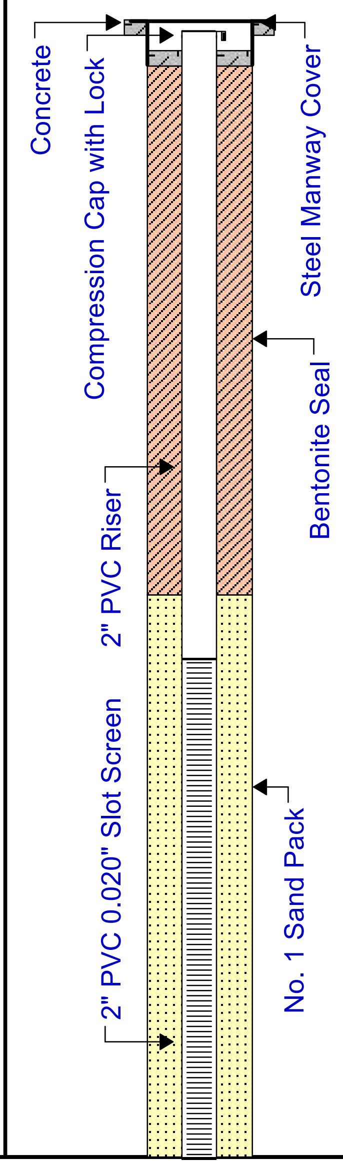
Depth (feet)	Soil/Geologic Description
0	Ground Surface
0–9	Reddish brown moist SILT, some fine sand, trace mica (1-2 mm)
9–18	Reddish brown moist SAPROLITIC SCHIST, highly weathered with voids from 10 to 14 feet below grade
18–24	Gray dry MUSCOVITE SCHIST bedrock
24–30	Gray dry MUSCOVITE SCHIST bedrock (mica 1-2 mm)
30–35	Reddish brown dry MUSCOVITE SCHIST bedrock (mica 1-2 mm)

SAMPLE

Sample ID | Blows/6" | Penetration / Recovery | PID Headspace (MU) (scale 0, 2500, 5000)

Depth (feet)	PID Headspace (MU)
2	0.0
4	0.0
6	0.0
8	0.0
10	0.0
12	0.0
14	0.0
16	0.0
18	0.0
20	0.0
22	0.4
24	0.2
26	0.0
28	0.0
30	0.2
32	0.0
34	0.0

Well Completion Details



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-47A

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 40 feet
Hole Diameter: 6 inches
Depth to Bedrock: 18 feet
Surface Elevation: 93.31
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36						0.0		36
37								37
38						0.0		38
39								39
40						0.0		40
41		End of Borehole						41
42								42
43								43
44								44
45								45
46								46
47								47
48								48
49								49
50								50
51								51
52								52
53								53
54								54
55								55
56								56
57								57
58								58
59								59
60								60
61								61
62								62
63								63
64								64
65								65
66								66
67								67
68								68
69								69
70								70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-47B

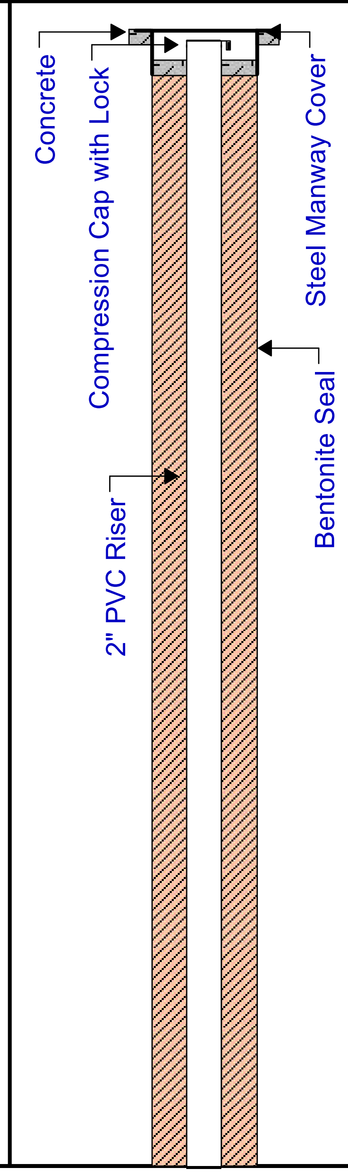
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 55 feet
Hole Diameter: 6 inches
Depth to Bedrock: 18 feet
Surface Elevation: 93.36 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE		SAMPLE			
Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000
0	Ground Surface				
0–9	Reddish brown moist SILT, some fine sand, trace mica (1-2 mm)				0.0, 0.0, 0.0, 0.0
9–18	Reddish brown moist SAPROLITIC SCHIST, highly weathered with voids from 10 to 14 feet below grade				0.0, 0.0, 0.0, 0.0, 0.0
18–24	Gray dry MUSCOVITE SCHIST bedrock				0.0, 0.4, 0.2
24–30	Gray dry MUSCOVITE SCHIST bedrock (mica 1-2 mm)				0.0, 0.0, 0.2
30–35	Reddish brown dry MUSCOVITE SCHIST bedrock (mica 1-2 mm), possible water-bearing fracture at 48 feet below grade				0.0, 0.0

Well Completion Details



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

BORING LOG
Well No. MW-47B

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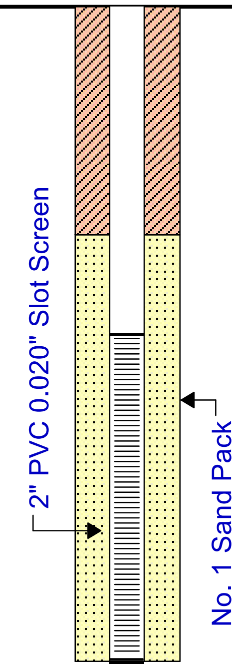
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 55 feet
Hole Diameter: 6 inches
Depth to Bedrock: 18 feet
Surface Elevation: 93.36 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36						0.0		36
38						0.0		38
40						0.0		40
42						0.0		42
44						0.0		44
46						0.0		46
48						0.0		48
50						0.0		50
51		Gray MUSCOVITE SCHIST bedrock (mica 1-2 mm)						51
52						0.0		52
54						0.0		54
55		End of Borehole				0.0		55



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG

Boring No. MW-47BB

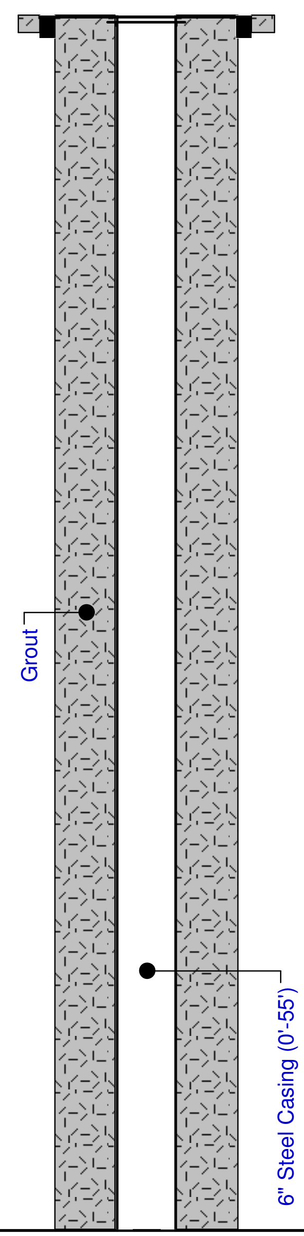
Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-20-10
Total Hole Depth: 125 feet
Hole Diameter: 6 - 10 inches
Depth to Bedrock: 39 feet
Surface Elevation: 587.65 ft./msl.
Water Level (Initial): Not Encountered
Water Level (Static): Not Encountered
Logged By (Geol.): J. Beck

Permit No.: BA-95-3568
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface				
0–13		***ML*** SILT with fine-grained sand, dark red-brown, dry, trace mica (Airknife to 8 feet)		0.0 (at ~7.5 ft)		0–13
13–39		***ML*** SILT with fine-grained sand, dark red-brown, dry, trace mica, saprolite		0.0 (at ~15.5 ft)		13–39
39–50		***Br*** Gneiss, green-black				39–50



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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Hanover, MD 21076
(410) 850-0404

BORING LOG

Boring No. MW-47BB

Project Name: Inactive Exxon Facility # 28077	***Start Date:*** 10-5-10	***Permit No.:*** BA-95-3568
Site Location: 3501 Hampshire Glen Court	***End Date:*** 10-20-10	***License No.:*** MWD421
Kleinfelder Project No: 108818	***Total Hole Depth:*** 125 feet	***Checked By:*** K. Braun
Client: ExxonMobil	***Hole Diameter:*** 6 - 10 inches	***Notes:*** Airknife to 8 feet
Drilling Company: BL Myers	***Depth to Bedrock:*** 39 feet	
Driller: Stephen Saul	***Surface Elevation:*** 587.65 ft./msl.	
Drill Rig Type: Atlas CapCo T4	***Water Level (Initial):*** Not Encountered	
Drilling Method: Air Rotary	***Water Level (Static):*** Not Encountered	
Sampling Method:	***Logged By (Geol.):*** J. Beck	

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
51–55						51–55
55–100		**Br** Gneiss, green-black, dry, unweathered			Open Hole (55'-125')	55–100

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Project Name: Inactive Exxon Facility # 28077	***Start Date:*** 10-5-10	***Permit No.:*** BA-95-3568
Site Location: 3501 Hampshire Glen Court	***End Date:*** 10-20-10	***License No.:*** MWD421
Kleinfelder Project No: 108818	***Total Hole Depth:*** 125 feet	***Checked By:*** K. Braun
Client: ExxonMobil	***Hole Diameter:*** 6 - 10 inches	***Notes:*** Airknife to 8 feet
Drilling Company: BL Myers	***Depth to Bedrock:*** 39 feet	
Driller: Stephen Saul	***Surface Elevation:*** 587.65 ft./msl.	
Drill Rig Type: Atlas CapCo T4	***Water Level (Initial):*** Not Encountered	
Drilling Method: Air Rotary	***Water Level (Static):*** Not Encountered	
Sampling Method:	***Logged By (Geol.):*** J. Beck	

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
101–109						101–109
110–114		**Br** Crushed bedrock, gray to green-black, 50% quartz, 15% muscovite, garnets, biotite			Open Hole (55'-125')	110–114
115–124		**Br** Schist, gray, unweathered, muscovite with trace garnets, biotite, quartz				115–124
125–150		End of Borehole				125–150

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BORING LOG

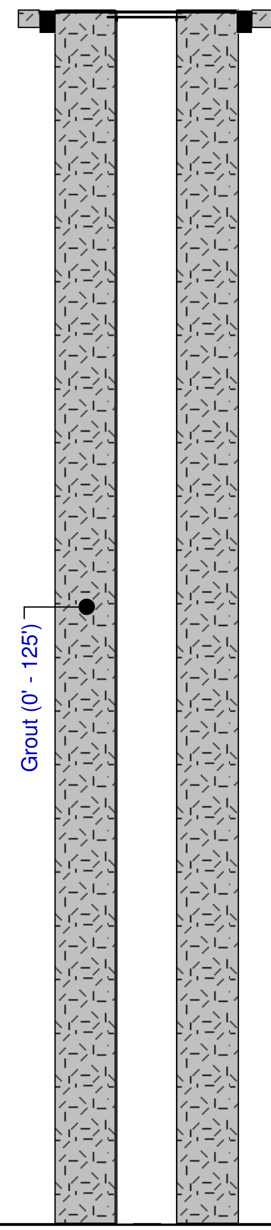
Boring No. MW-47C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3 & T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-20-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 49 feet
Surface Elevation: 587.65 ft./msl.
Water Level (Initial): Not Encountered
Water Level (Static): Below 200 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3569
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
0		Ground Surface				0
0–8		**ML** SILT with fine-grained sand, dark red-brown (Airknife to 8 feet)		0.0		
8–13		**ML** SILT with sand, dark red-brown, dry, trace mica				
13–49		**ML** SILT with sand, dark red-brown, dry, trace mica, saprolite				
49–50						50



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BORING LOG

Boring No. MW-47C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3 & T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-20-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 49 feet
Surface Elevation: 587.65 ft./msl.
Water Level (Initial): Not Encountered
Water Level (Static): Below 200 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3569
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
51–100		**Br** Gneiss, green-black, dry, unweathered, saprolite			10" Steel Casing (0' - 125')	51–100

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BORING LOG

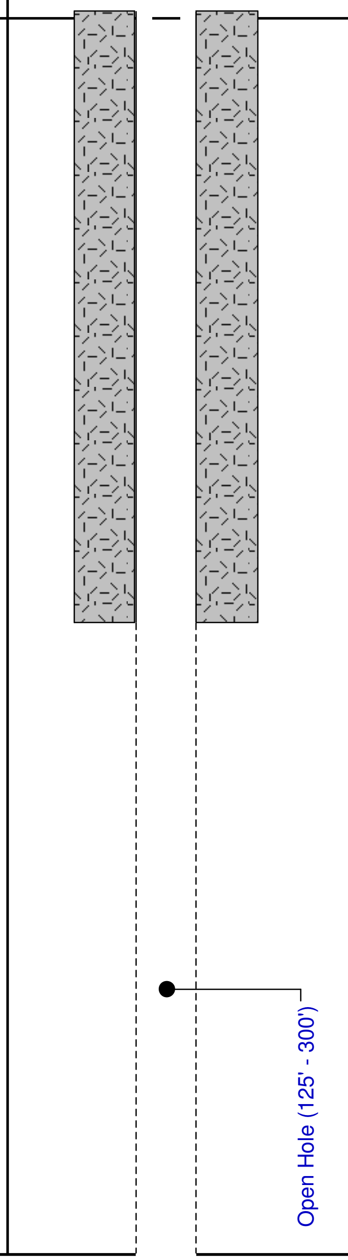
Boring No. MW-47C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3 & T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-20-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 49 feet
Surface Elevation: 587.65 ft./msl.
Water Level (Initial): Not Encountered
Water Level (Static): Below 200 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3569
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
101–102		**Br** Gneiss, green-black, dry, unweathered, saprolite				101–102
103–119		**Br** Gneiss, green-black, with citrine quartz and trace mica, garnets				103–119
120–129		**Br** Gneiss, green-black with fragments of gray to brown schist				120–129
130–139		**Br** Crushed bedrock, green-black gneiss fragments with gray schist fragments and iron fragment, trace garnets				130–139
140–150		**Br** Schist, gray, unweathered muscovite with with trace garnets and quartz			Open Hole (125' - 300')	140–150



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BORING LOG
Boring No. **MW-47C**

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3 & T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-20-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 49 feet
Surface Elevation: 587.65 ft./msl.
Water Level (Initial): Not Encountered
Water Level (Static): Below 200 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3569
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
151						151
152						152
153						153
154						154
155						155
156						156
157						157
158						158
159						159
160						160
161						161
162						162
163						163
164						164
165						165
166						166
167						167
168						168
169						169
170						170
171						171
172						172
173						173
174						174
175						175
176						176
177						177
178						178
179						179
180						180
181						181
182						182
183						183
184						184
185						185
186						186
187						187
188						188
189						189
190						190
191						191
192						192
193						193
194						194
195						195
196						196
197						197
198						198
199						199
200						200

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BORING LOG

Boring No. MW-47C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3 & T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-20-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 49 feet
Surface Elevation: 587.65 ft./msl.
Water Level (Initial): Not Encountered
Water Level (Static): Below 200 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3569
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
201–250		**Br** Schist, gray, unweathered muscovite with with trace garnets and quartz				201–250

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BORING LOG
Boring No. MW-47C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3 & T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-20-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 49 feet
Surface Elevation: 587.65 ft./msl.
Water Level (Initial): Not Encountered
Water Level (Static): Below 200 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3569
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
251						251
252						252
253						253
254						254
255						255
256						256
257						257
258						258
259						259
260						260
261						261
262						262
263						263
264						264
265						265
266						266
267						267
268						268
269						269
270						270
271						271
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290						290
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292						292
293						293
294						294
295						295
296						296
297						297
298						298
299						299
300						300

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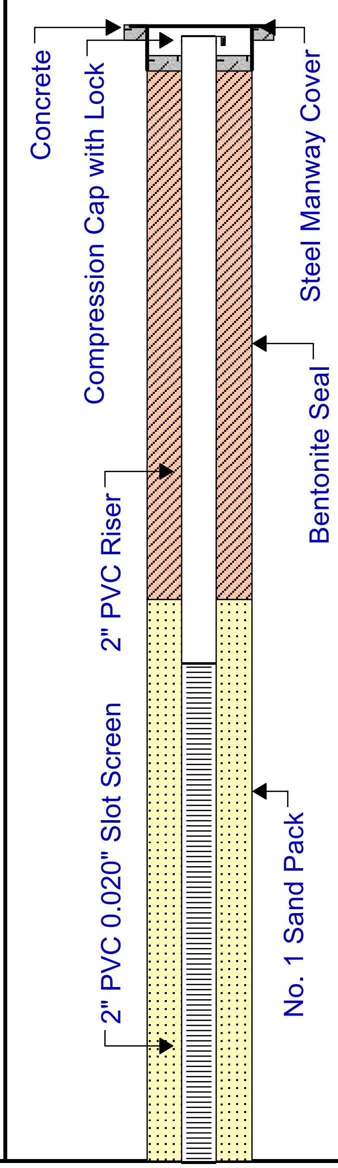
BORING LOG
Well No. MW-48A

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 40 feet
Hole Diameter: 6 inches
Depth to Bedrock: 22 feet
Surface Elevation: 79.05 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE				
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details
0		Ground Surface					
0–9		Reddish brown dry SILT, trace fine sand, some mica (1-2 mm), some coarse gravel				0.0 (1), 0.0 (3), 0.0 (5), 0.0 (7)	
9–22		Reddish brown moist SAPROLITIC SCHIST, highly weathered with voids from 14 to 16 feet below grade				0.0 (9), 0.0 (11), 0.0 (13), 0.0 (15), 0.4 (17), 0.2 (19), 0.0 (21)	
22–26		Gray dry MUSCOVITE SCHIST bedrock (mica 1-2 mm)				0.0 (23), 0.0 (25)	
26–35		Reddish brown dry MUSCOVITE SCHIST bedrock (mica 1-2 mm), possible void/fracture at 33 feet below grade				0.0 (27), 0.0 (29), 0.0 (31), 0.0 (33)	



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-48A

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 40 feet
Hole Diameter: 6 inches
Depth to Bedrock: 22 feet
Surface Elevation: 79.05 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36						0.0		36
37		Gray dry MUSCOVITE SCHIST bedrock (mica 1-2 mm)						37
38						0.0		38
39								39
40						0.0		40
41		End of Borehole						41
42								42
43								43
44								44
45								45
46								46
47								47
48								48
49								49
50								50
51								51
52								52
53								53
54								54
55								55
56								56
57								57
58								58
59								59
60								60
61								61
62								62
63								63
64								64
65								65
66								66
67								67
68								68
69								69
70								70

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NM - Not Measured

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BORING LOG
Well No. MW-48B

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

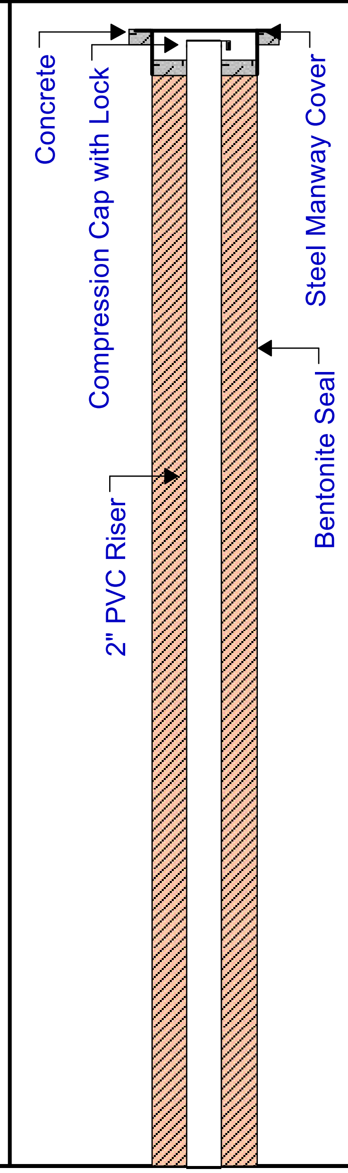
Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 55 feet
Hole Diameter: 6 inches
Depth to Bedrock: 22 feet
Surface Elevation: 79.14 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) (0 / 2500 / 5000)
0	Ground Surface				
0–9	Reddish brown dry SILT, trace fine sand, some mica (1-2 mm), some coarse gravel				0.0, 0.0, 0.0, 0.0
9–22	Reddish brown moist SAPROLITIC SCHIST, highly weathered with voids from 14 to 16 feet below grade				0.0, 0.0, 0.0, 0.0, 0.4, 0.2, 0.0
22–26	Gray dry MUSCOVITE SCHIST bedrock (mica 1-2 mm)				0.0, 0.0
26–35	Reddish brown dry MUSCOVITE SCHIST bedrock (mica 1-2 mm), possible void/fracture at 33 feet below grade				0.0, 0.0, 0.0, 0.0, 0.0

Well Completion Details



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NM - Not Measured

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BORING LOG
Well No. MW-48B

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

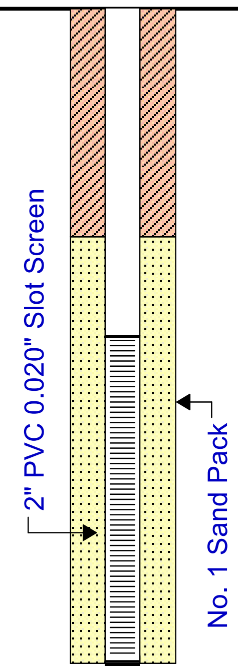
Start Date: March 5, 2006
End Date: March 5, 2006
Total Hole Depth: 55 feet
Hole Diameter: 6 inches
Depth to Bedrock: 22 feet
Surface Elevation: 79.14 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Steven Treschow

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum

SUBSURFACE PROFILE | **SAMPLE**

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000
36	Gray dry MUSCOVITE SCHIST bedrock (mica 1-2 mm)				0.0
38					0.0
40					0.0
41	Reddish brown dry MUSCOVITE SCHIST bedrock (mica 1-2 mm)				
42					0.0
43	Gray dry MUSCOVITE SCHIST bedrock (mica 1-2 mm)				
44					0.0
45	Reddish brown dry MUSCOVITE SCHIST bedrock (mica 1-2 mm)				
46					0.0
47	Gray dry MUSCOVITE SCHIST bedrock (mica 1-2 mm), possible fracture at 50 feet below grade				
48					0.0
50					0.0
52					0.0
54					0.0
55	End of Borehole				0.0

Well Completion Details



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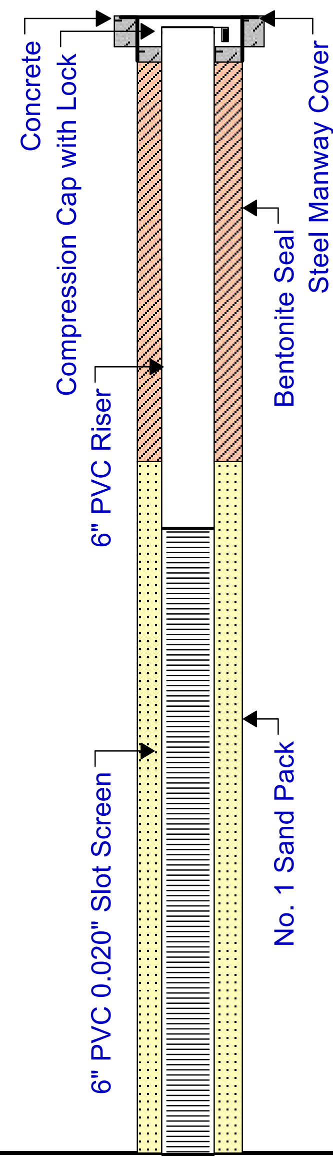
BORING LOG
Well No. MW-54

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 7, 2006
End Date: March 7, 2006
Total Hole Depth: 56 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: 94.70 feet
Water Level (Initial): 46 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using a hand auger.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		Depth (feet)
		Ground Surface						
0		Top soil						0
1		Red dry fine SAND and silt						1
2		Red dry fine SAND with silt						2
4		Red dry fine SAND little silt						4
8		COBBLE and silt (hard)						8
20		Red SAND and silt						20
27		Dark gray SCHIST						27



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(609) 584-5271

BORING LOG
Well No. MW-54

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 7, 2006
End Date: March 7, 2006
Total Hole Depth: 56 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: 94.70 feet
Water Level (Initial): 46 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using a hand auger.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–37		Dark tan SCHIST						36–37
37–56		Dark gray SCHIST					Initial Water Level (46)	37–56
56		End of Borehole						56
57–70								57–70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-57

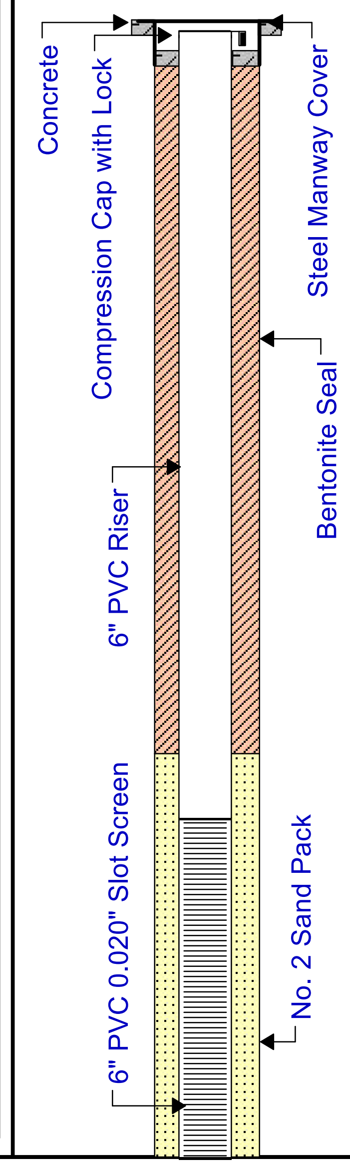
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 9, 2006
End Date: March 9, 2006
Total Hole Depth: 65 feet
Hole Diameter: 10 inches
Depth to Bedrock: 19 feet
Surface Elevation: 92.47 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): MMS

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 5 feet below grade using an air knife and vacuum.

SUBSURFACE PROFILE		SAMPLE				
Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) (0 – 2500 – 5000)	Depth (feet)
0	Ground Surface					0
0	ROCK (weathered)					0
13	Brown-red sandy SILT				0.0	13
17	Reddish brown sandy SILT				0.0	17
19	Brown BEDROCK (competent)				0.0	19
25	Brown-gray BEDROCK (competent)				0.0	25
30	Brown-gray BEDROCK (competent with red softer material)				0.7	30
31					2.3	31
35					0.0	35

Well Completion Details



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-57

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 9, 2006
End Date: March 9, 2006
Total Hole Depth: 65 feet
Hole Diameter: 10 inches
Depth to Bedrock: 19 feet
Surface Elevation: 92.47 feet
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): MMS

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 5 feet below grade using an air knife and vacuum.

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) (0, 2500, 5000)
35–40	Reddish brown BEDROCK (competent)				0.0 (35); 0.0 (40)
40–44	Reddish brown BEDROCK (incompetent to competent)				0.0 (44)
44–45.7	Gray-brown SCHIST (weathered bedrock)				0.0 (45)
45.7–50	Reddish brown SCHIST (weathered bedrock)				0.1 (50)
50–60	Reddish brown SCHIST bedrock				0.3 (60)
60–65	Gray-brown to dark gray SCHIST (competent bedrock)				0.0 (65)
65	End of Borehole				

Well Completion Details

Depth (feet): 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-57P

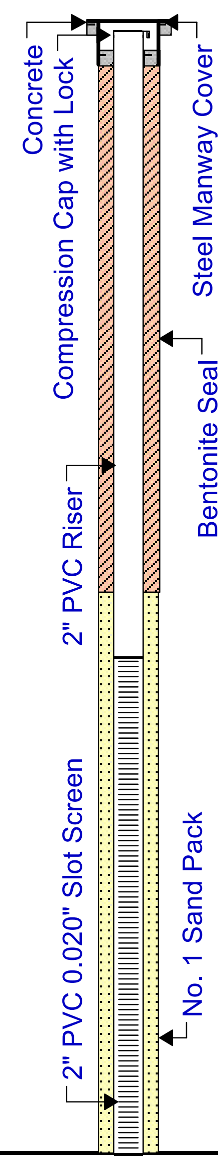
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 23, 2006
End Date: March 23, 2006
Total Hole Depth: 70 feet
Hole Diameter: 10 inches
Depth to Bedrock: 18 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): SJT

Permit No.:
License No.:
Checked By:
Notes: Hand cleared using an air knife and vacuum.

SUBSURFACE PROFILE		SAMPLE				
Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Depth (feet)
0	Ground Surface					0
0–8	Brown, moist silty FINE SAND with some mica (1-2mm)				0.0, 0.0, 0.0, 0.0	0–8
8–12	Reddish-brown, moist SAPROLITIC SCHIST (weathered), some mica (1-4mm)				0.0, 0.0	8–12
12–18	Gray, moist SAPROLITIC SCHIST (slightly harder than above, but still weathered), mica (1-2mm)				0.0, 0.0, 0.0	12–18
18–24	Reddish-brown, moist SAPROLITIC SCHIST (bedrock), some mica (2-4mm)				0.0, 0.0, 0.0	18–24
24–26	Reddish-brown, moist to wet SAPROLITIC SCHIST (bedrock), some mica (1-4mm)				0.0	24–26
26–30	Reddish-brown, (possible trace water at 27 feet) SAPROLITIC SCHIST (bedrock), some mica (1-4mm)				10.4, 12.6	26–30
30–35	Reddish-brown, (fractures/voids from 40 to 46 feet bgs, possible water) SAPROLITIC SCHIST (bedrock), some mica (1-4mm)				14.8, 79.2	30–35

Well Completion Details



PID - Photoionization Detector
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NM - Not Measured

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BORING LOG
Well No. MW-57P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 23, 2006
End Date: March 23, 2006
Total Hole Depth: 70 feet
Hole Diameter: 10 inches
Depth to Bedrock: 18 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): SJT

Permit No.:
License No.:
Checked By:
Notes: Hand cleared using an air knife and vacuum.

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) (0 – 2500 – 5000)
36					14.6
38					9.2
40					2.6
40–50	Gray, moist to wet MUSCOVITE SCHIST (bedrock), mica (1-2mm)				
42					0.0
44					0.0
46					0.0
48					0.0
50					0.0
50–53	Reddish-brown, water (fracture), possible layer of weathered SAPROLITIC SCHIST				
52					0.0
53–70	Gray, moist to wet MUSCOVITE SCHIST (bedrock), mica (1-2mm)				
54					0.0
56					0.0
58					0.0
60					0.0
62					0.0
64					0.0
66					0.0
68					0.0
70					0.0

Well Completion Details

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-58

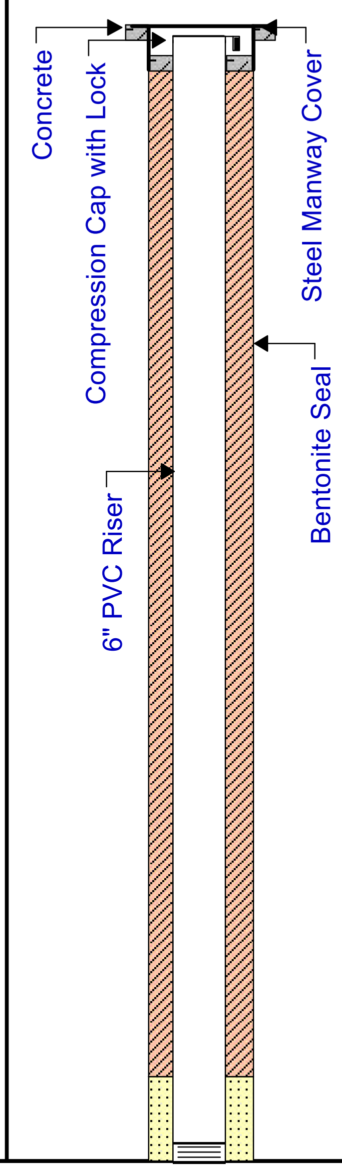
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 9, 2006
End Date: March 9, 2006
Total Hole Depth: 65 feet
Hole Diameter: 10 inches
Depth to Bedrock: 30 feet
Surface Elevation: 90.78 feet
Water Level (Initial): 43 feet
Water Level (Static): NM
Logged By (Geol.): MMS

Permit No.:
License No.:
Checked By:
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE		SAMPLE				
Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Depth (feet)
0	Ground Surface					0
0–22	Reddish-brown SOIL (hard)					
22					0.0	22
22–30	Reddish-brown SCHIST (weathered bedrock)					
30–32	Gray to red-brown SCHIST (competent bedrock)					
31					0.2	31
32–35	Red-brown BEDROCK (weathered to competent)					35

Well Completion Details



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-58

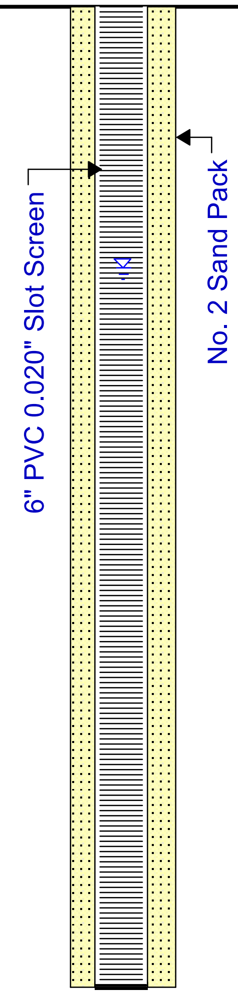
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 9, 2006
End Date: March 9, 2006
Total Hole Depth: 65 feet
Hole Diameter: 10 inches
Depth to Bedrock: 30 feet
Surface Elevation: 90.78 feet
Water Level (Initial): 43 feet
Water Level (Static): NM
Logged By (Geol.): MMS

Permit No.:
License No.:
Checked By:
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE		SAMPLE			
Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) (0 2500 5000)
36–38					
38–43	Gray to red-brown BEDROCK (competent)				0.0
43–45	Gray to red BEDROCK (competent)				0.0
45–50	Brown to brown-red SCHIST (competent bedrock)				0.0
50–55	Gray to gray-brown SCHIST (competent bedrock)				0.0
55–65	Gray SCHIST (competent bedrock)				
65	End of Borehole				

Well Completion Details



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

GSC KLEINFELDER Employee-owned

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Hamilton, NJ 08691
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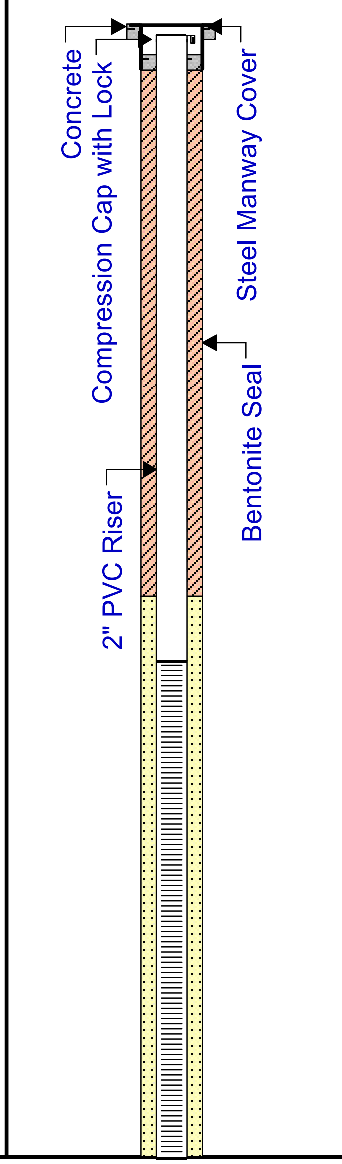
BORING LOG
Well No. MW-58P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 23, 2006
End Date: March 23, 2006
Total Hole Depth: 70 feet
Hole Diameter: 10 inches
Depth to Bedrock: 22 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): SJT

Permit No.:
License No.:
Checked By:
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
0		Ground Surface				0.0		0
0–7		Brown, moist silty FINE SAND with some mica (1-4mm)				0.0, 0.0, 0.0, 0.0		
7–22		Reddish-brown, moist SAPROLITIC SCHIST (weathered), some mica (1-4mm)				0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0		
22–26		Reddish-brown, moist SAPROLITIC SCHIST (bedrock), some mica (1-4mm)				0.0, 0.0		
26–29		Gray, moist to wet MUSCOVITE SCHIST (bedrock), some mica (1-2mm), harder than rock above				0.0		
29–31		Reddish-brown, moist to wet SAPROLITIC SCHIST (bedrock), mica (1-4mm)				0.0		
32		Gray, moist to wet MUSCOVITE SCHIST (bedrock), mica (1-4mm)				0.0, 0.0		
35								35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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(609) 584-5271

BORING LOG
Well No. MW-58P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 23, 2006
End Date: March 23, 2006
Total Hole Depth: 70 feet
Hole Diameter: 10 inches
Depth to Bedrock: 22 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): SJT

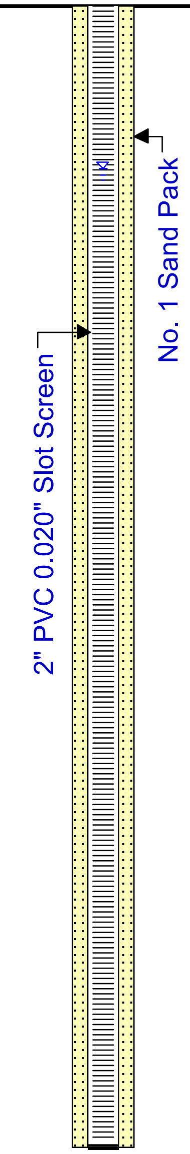
Permit No.:
License No.:
Checked By:
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU)
36–39	Reddish-brown, moist to wet SAPROLITIC SCHIST (bedrock), mica (1-4mm), voids/fractures through-out				0.0, 0.0
39–40	Gray, moist MUSCOVITE SCHIST (bedrock), mica (1-2mm)				0.0
40–42	Reddish-brown, moist to wet SAPROLITIC SCHIST (bedrock), mica (1-4mm), voids/fractures				0.0
42–63	Gray, moist to wet MUSCOVITE SCHIST (bedrock), mica (1-2mm)				0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0
63–70	Gray, (fracture/water) MUSCOVITE SCHIST (bedrock), mica (1-2mm)				0.0, 0.0, 0.0, 0.0

PID scale: 0 – 2500 – 5000

Well Completion Details



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

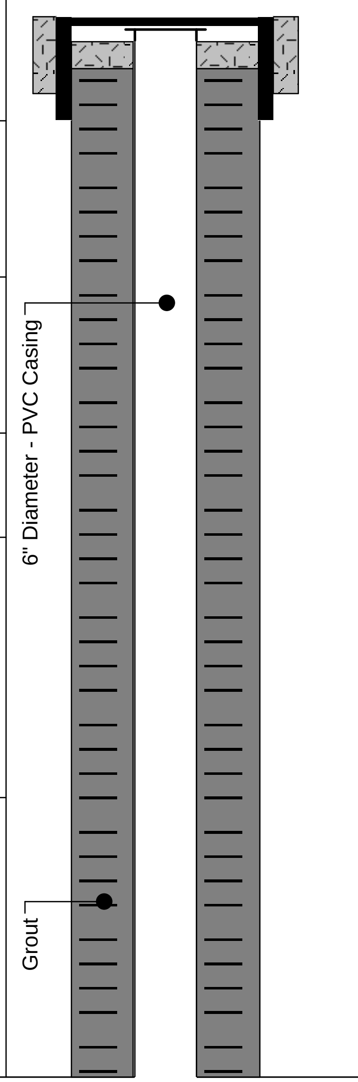
1340 Charwood Road, Suite I
Hanover, MD 21076
(410) 850-0404

BORING LOG
Well No. MW-58R

Project Name:	*Inactive Exxon Facility # 28077*	**Start Date:**	*3-4-09*	**Logged By:**	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	**End Date:**	*3-10-09*	**Permit No.:**	*BA-95-2745*
Project No:	*100891*	**Total Hole Depth:**	*80 feet*	**Checked By:**	*J.Hale*
Client:	*ExxonMobil*	**Hole Diameter:**	*10 inches*	**Notes:**	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	**Depth to Bedrock:**	*29 feet*		
Driller:	*Troy T.*	**Well Diameter:**	*6 inches*		
Drill Rig Type:	*Schram T450WS*	**Water Level (Initial):**	*42.8 inches*		
Drilling Method:	*Air Hammer*	**Screen Length:**	*45 feet*		
Sampling Method:	*Grab*	**TOC Elevation:**	*582.12'*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)
0.0		GROUND SURFACE		
2.0–5.0		**ML** Sandy SILT, reddish-brown, moist, fine grained, some mica	1	0.0
5.0–8.0			2	0.0
8.0–10.0		**SM** Silty SAND, reddish-brown, moist, fine grained, some mica	3	0.0
10.0–15.0			4	0.3
15.0–20.0			5	2.0

Well Completion Details



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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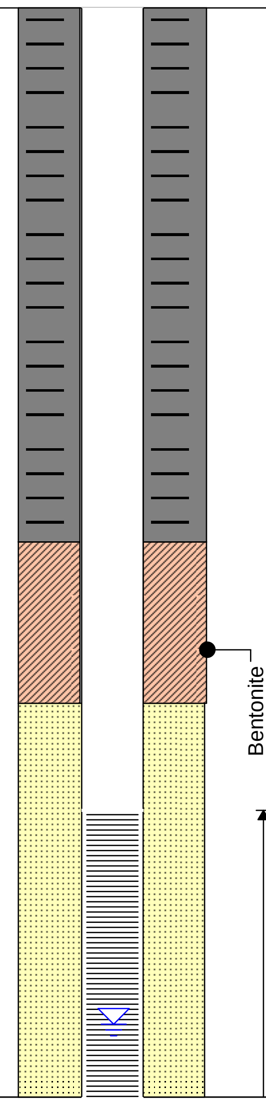
BORING LOG
Well No. MW-58R

Project Name:	*Inactive Exxon Facility # 28077*	**Start Date:**	*3-4-09*	**Logged By:**	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	**End Date:**	*3-10-09*	**Permit No.:**	*BA-95-2745*
Project No:	*100891*	**Total Hole Depth:**	*80 feet*	**Checked By:**	*J.Hale*
Client:	*ExxonMobil*	**Hole Diameter:**	*10 inches*	**Notes:**	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	**Depth to Bedrock:**	*29 feet*		
Driller:	*Troy T.*	**Well Diameter:**	*6 inches*		
Drill Rig Type:	*Schram T450WS*	**Water Level (Initial):**	*42.8 inches*		
Drilling Method:	*Air Hammer*	**Screen Length:**	*45 feet*		
Sampling Method:	*Grab*	**TOC Elevation:**	*582.12'*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
			6	1.7		
25.0						25.0
			7	1.7		
30.0		**BR** Schist, gray				30.0
			8	1.6		
35.0		**BR** Schist, brown				35.0
			9	3.3		
				47.1		
40.0						40.0



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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BORING LOG
Well No. MW-58R

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-10-09***
Project No:	***100891***	***Total Hole Depth:***	***80 feet***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***29 feet***
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***42.8 inches***
Drilling Method:	***Air Hammer***	***Screen Length:***	***45 feet***
Sampling Method:	***Grab***	***TOC Elevation:***	***582.12'***

Logged By:	***Ray Montero***
Permit No.:	***BA-95-2745***
Checked By:	***J.Hale***
Notes:	***Airknifed to 8' bgs***

Depth (feet)	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details
40.0–45.0		10	2.7	
45.0	**BR** Schist, gray	11	2.1	
50.0	**BR** Schist, dark gray	12	1.4	#2 Silca Sand
55.0		13	2.2	
60.0				

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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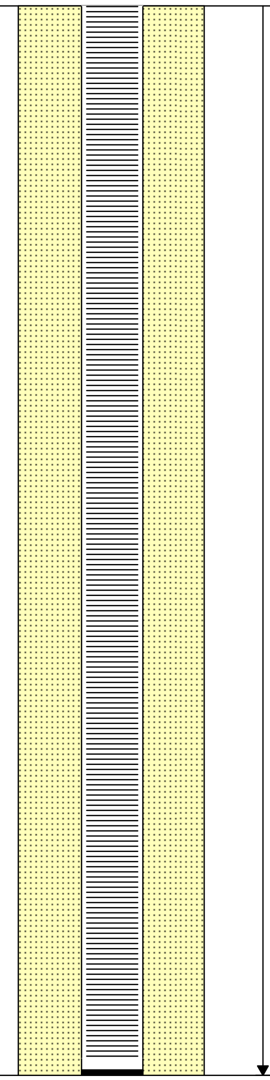
BORING LOG
Well No. MW-58R

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-10-09***
Project No:	***100891***	***Total Hole Depth:***	***80 feet***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***29 feet***
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***42.8 inches***
Drilling Method:	***Air Hammer***	***Screen Length:***	***45 feet***
Sampling Method:	***Grab***	***TOC Elevation:***	***582.12'***

Logged By:	***Ray Montero***
Permit No.:	***BA-95-2745***
Checked By:	***J.Hale***
Notes:	***Airknifed to 8' bgs***

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
			14	0.9		
65.0						65.0
			15	1.1		
70.0						70.0
			16	1.0		
75.0						75.0
			17	1.7		
			18	0.9		
80.0						80.0



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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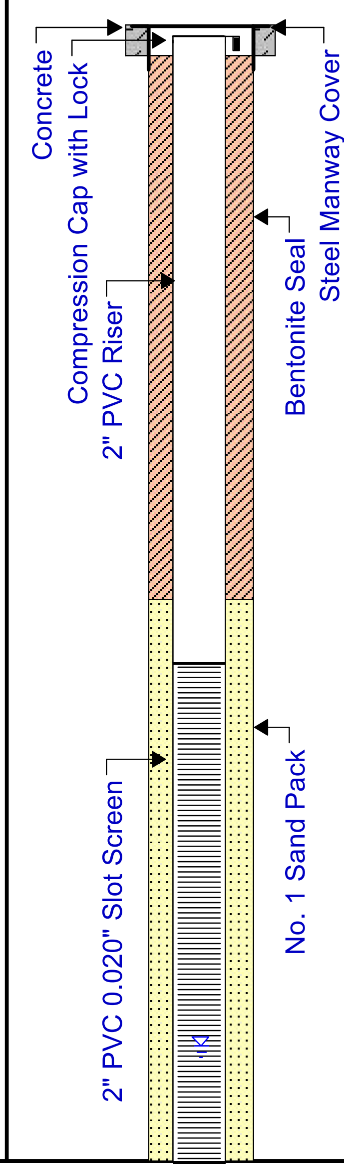
BORING LOG
Well No. MW-59A

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 10, 2006
End Date: March 10, 2006
Total Hole Depth: 40 feet
Hole Diameter: 6 inches
Depth to Bedrock: 28 feet
Surface Elevation: 80.51 feet
Water Level (Initial): 32 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 5 feet below grade. Odors from 38 to 40 feet below grade.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		Depth (feet)
		Ground Surface						
0		Red fine SAND and silty CLAY (fill)						0
5		Brown SAND						5
24		Light brown BEDROCK (weathered)						24
28		Light brown BEDROCK (competent)						28
31		Light gray BEDROCK (competent)						31
32		Brown BEDROCK (groundwater)						32
35								35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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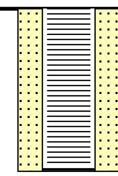
BORING LOG
Well No. MW-59A

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 10, 2006
End Date: March 10, 2006
Total Hole Depth: 40 feet
Hole Diameter: 6 inches
Depth to Bedrock: 28 feet
Surface Elevation: 80.51 feet
Water Level (Initial): 32 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 5 feet below grade. Odors from 38 to 40 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–40		Brown BEDROCK (soft)				3.1 (at 39)		36–40
40		End of Borehole						40
41–70								41–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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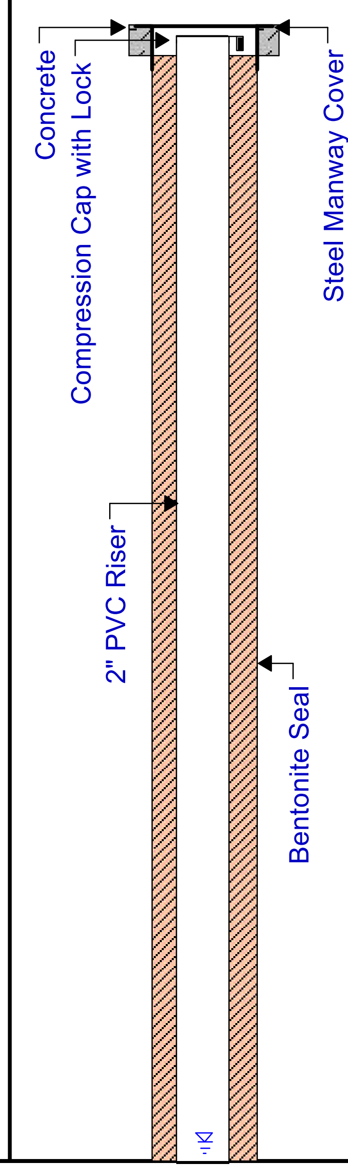
BORING LOG
Well No. MW-59B

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 9, 2006
End Date: March 9, 2006
Total Hole Depth: 55 feet
Hole Diameter: 6 inches
Depth to Bedrock: 34 feet
Surface Elevation: 80.69 feet
Water Level (Initial): 35 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 5 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
		Ground Surface						
0–20		Red fine SAND and silty CLAY (fill)						0–20
20–34		Brown BEDROCK (soft, weathered)						20–34
34–35								34–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
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NM - Not Measured

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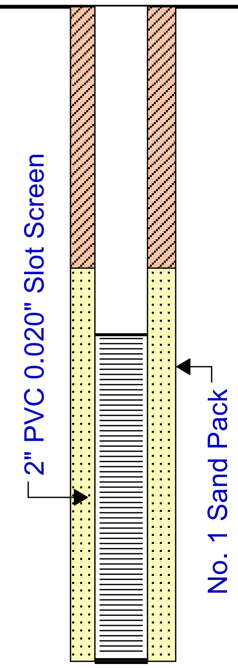
BORING LOG
Well No. MW-59B

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 9, 2006
End Date: March 9, 2006
Total Hole Depth: 55 feet
Hole Diameter: 6 inches
Depth to Bedrock: 34 feet
Surface Elevation: 80.69 feet
Water Level (Initial): 35 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 5 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
35–38		Light brown BEDROCK (competent), groundwater encountered at 35 feet below grade						35–38
38–41		Brown BEDROCK (competent)				3.1 (at 39)		38–41
41–47		Light brown BEDROCK (competent)						41–47
47–50		Dark gray BEDROCK (competent)						47–50
50–55		Light gray BEDROCK (competent)						50–55
55		End of Borehole						55



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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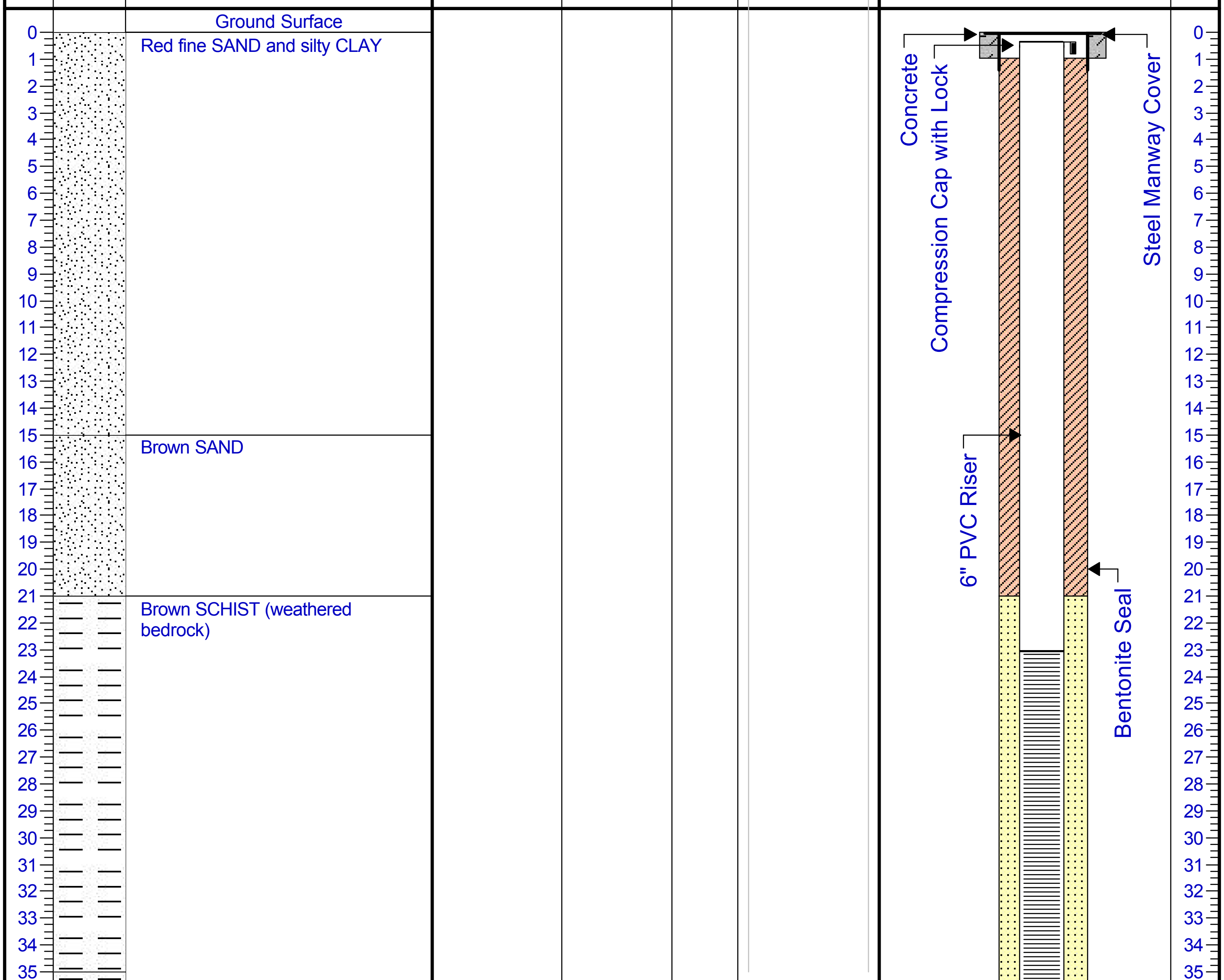
BORING LOG
Well No. MW-59D

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 5 feet below grade. Odors at 32 feet below grade and 34 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
		Ground Surface						
0		Red fine SAND and silty CLAY						0
15		Brown SAND						15
21		Brown SCHIST (weathered bedrock)						21
35								35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-59D

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 5 feet below grade. Odors at 32 feet below grade and 34 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
35–39		Tan SCHIST (competent bedrock), water at 35 feet below grade					6" PVC 0.020" Slot Screen (35–48)	36–39
39–41		Gray SCHIST (competent bedrock)					No. 1 Sand Pack (35–48)	40–41
41–47		Brown SCHIST (soft bedrock)						42–47
47–49		Gray SCHIST (competent bedrock)						48–49
49–50		Brown SCHIST (competent bedrock)						50
50		End of Borehole						51–70

PID - Photoionization Detector
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NM - Not Measured

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BORING LOG
Well No. MW-73

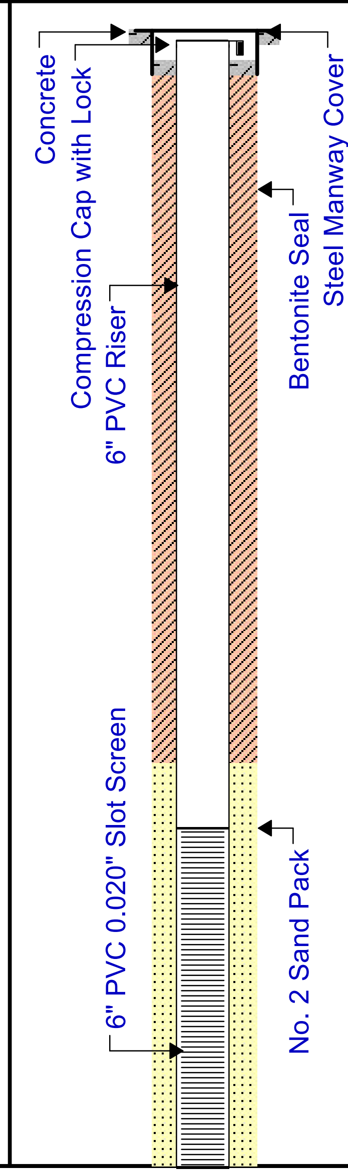
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller:
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 13, 2006
End Date: March 13, 2006
Total Hole Depth: 65 feet
Hole Diameter: 10 inches
Depth to Bedrock: 29 feet
Surface Elevation: 110.05
Water Level (Initial): 44 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000
		Ground Surface				
0–8		Tan dry fine SAND with silt and clay				
8–25		Brown SAND				
25–29		Brown BEDROCK (weathered)				
29–30		Gray BEDROCK (competent)				
30–34		Brown BEDROCK (competent)				
34–35		Gray BEDROCK (competent)				

Well Completion Details



PID - Photoionization Detector
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NM - Not Measured

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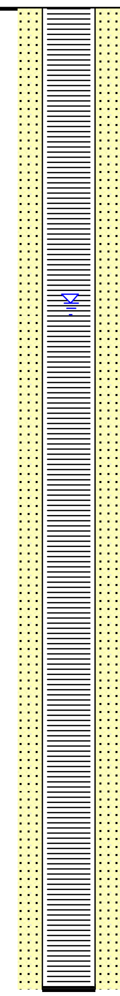
BORING LOG
Well No. MW-73

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller:
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 13, 2006
End Date: March 13, 2006
Total Hole Depth: 65 feet
Hole Diameter: 10 inches
Depth to Bedrock: 29 feet
Surface Elevation: 110.05
Water Level (Initial): 44 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand cleared to 8 feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
38–39		Brown BEDROCK (competent)						
39–43		Gray BEDROCK (competent)						
43–44		Dark gray BEDROCK (competent)						
44–54		Dark gray BEDROCK, groundwater encountered at 44 feet below grade						
54–55.5		Light brown BEDROCK (competent)						
55.5–58		Gray BEDROCK (competent)						
58–59		Brown BEDROCK (competent)						
59–65		Gray BEDROCK (competent)						
65		End of Borehole						



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MU - Meter Units
NS - Not Sampled
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NM - Not Measured

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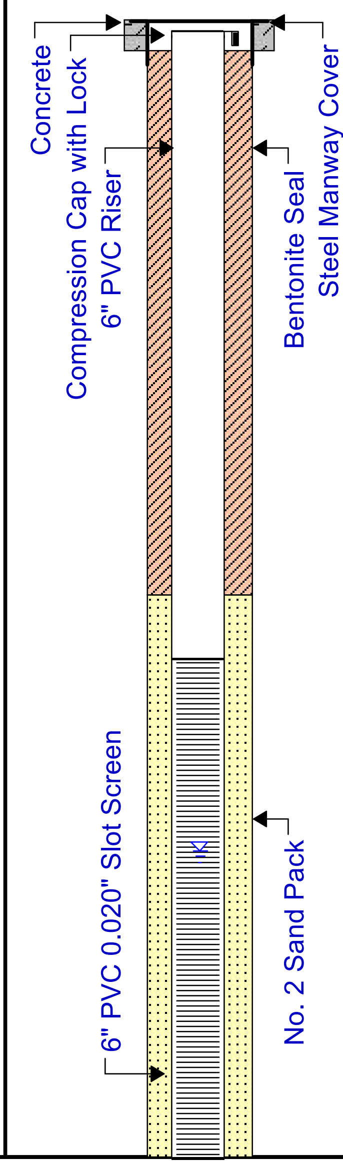
BORING LOG
Well No. MW-74

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 13, 2006
End Date: March 13, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 29 feet
Surface Elevation: 86.69 feet
Water Level (Initial): 26 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Borehole hand cleared to 8 feet below grade with an air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
		Ground Surface						
0–7		Red SAND with silt and clay						
7–24		Brown SAND						
24–29		Brown BEDROCK (weathered), groundwater and odors encountered at 26 feet below grade						
29–35		Gray BEDROCK (competent)						



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
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BORING LOG
Well No. MW-74

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 13, 2006
End Date: March 13, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 29 feet
Surface Elevation: 86.69 feet
Water Level (Initial): 26 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Borehole hand cleared to 8 feet below grade with an air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–41								36–41
41–43		Tan BEDROCK (competent)						41–43
43–44		Brown BEDROCK (competent)						43–44
44–46		Tan BEDROCK (competent)						44–46
46–48		Gray BEDROCK (competent)						46–48
48–50		Brown BEDROCK (competent to soft)						48–50
50		End of Borehole						50

Depth scale: 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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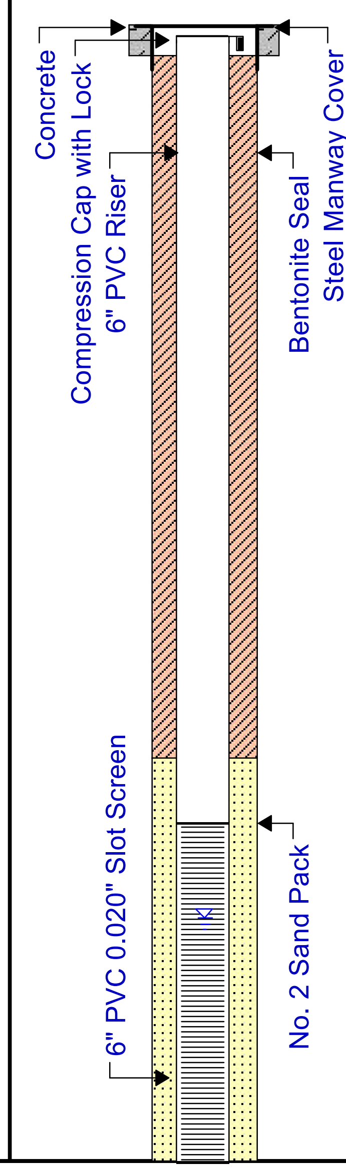
BORING LOG
Well No. MW-75

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 14, 2006
End Date: March 14, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 83.52 feet
Water Level (Initial): 28 feet
Water Level (Static): NM
Logged By (Geol.): MH

Permit No.:
License No.:
Checked By:
Notes: Borehole hand cleared to 8 feet below grade with an air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
0		Ground Surface						0
0–17		Brown dry SILT and SAND (dominantly muscovite and biotite grains)						0–17
12						0.0		12
17						0.0		17
17–35		SCHIST (dominated by muscovite, less competent/weathered bedrock), groundwater encountered at 28 feet below grade						17–35
28						27.0		28
35						32.0		35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-75

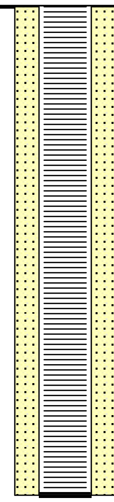
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 14, 2006
End Date: March 14, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 83.52 feet
Water Level (Initial): 28 feet
Water Level (Static): NM
Logged By (Geol.): MH

Permit No.:
License No.:
Checked By:
Notes: Borehole hand cleared to 8 feet below grade with an air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
35–42		SCHIST (muscovite dominated, competent bedrock)				32.0 (35); 0.2 (40); 0.0 (42)		35–42
42–46		SCHIST (biotite dominated, competent bedrock)				0.0 (46)		42–46
46–50		SCHIST (muscovite dominated, competent bedrock)				6.9 (49); 0.0 (50)		46–50
50		End of Borehole						50

Depth scale: 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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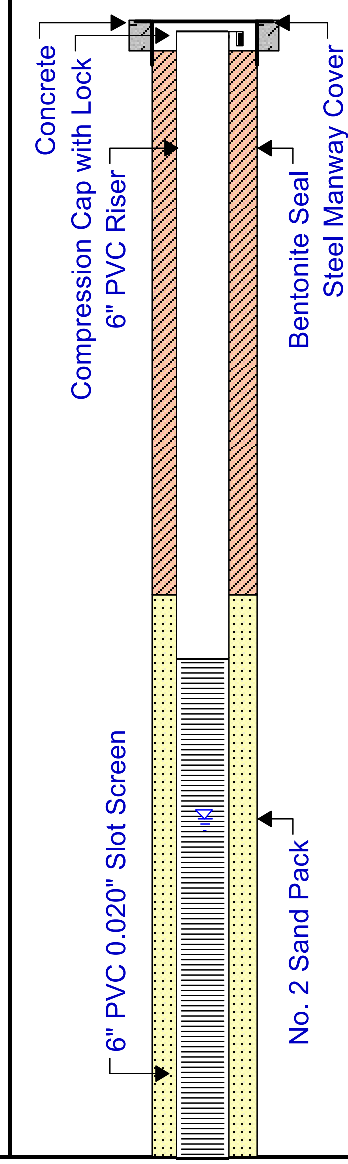
BORING LOG
Well No. MW-76

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 14, 2006
End Date: March 14, 2006
Total Hole Depth: 56 feet
Hole Diameter: 10 inches
Depth to Bedrock: 36 feet
Surface Elevation: 68.85 feet
Water Level (Initial): 25 feet
Water Level (Static): NM
Logged By (Geol.): MH

Permit No.:
License No.:
Checked By:
Notes: Borehole hand cleared to 5 feet below grade with an air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		Depth (feet)
		Ground Surface						
0–5		LOOSE FILL				0.0		0–5
5–22		Light brown BEDROCK (weathered)						5–22
22–35		BEDROCK (competent), groundwater encountered at 25 feet below grade						22–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-76

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: BL Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 14, 2006
End Date: March 14, 2006
Total Hole Depth: 56 feet
Hole Diameter: 10 inches
Depth to Bedrock: 36 feet
Surface Elevation: 68.85 feet
Water Level (Initial): 25 feet
Water Level (Static): NM
Logged By (Geol.): MH

Permit No.:
License No.:
Checked By:
Notes: Borehole hand cleared to 5 feet below grade with an air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–56						361 (at 36)		36–56
56		End of Borehole						56
57–70								57–70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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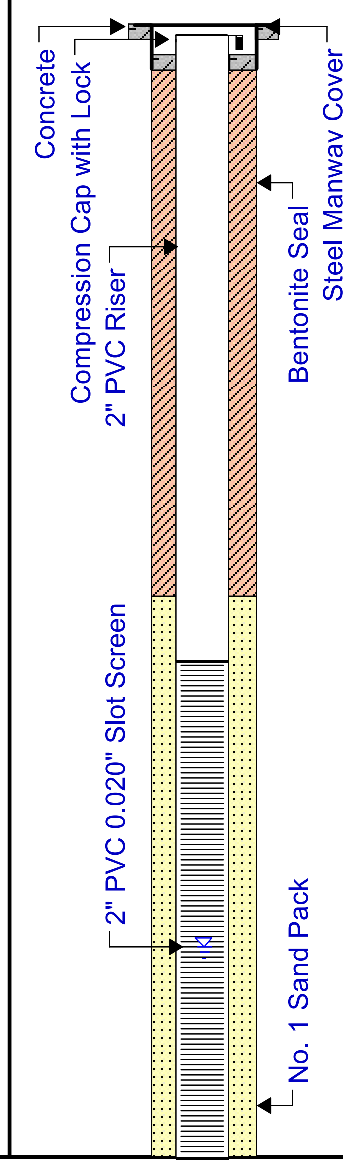
BORING LOG
Well No. MW-76P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Kirk Bernard
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 28, 2006
End Date: March 28, 2006
Total Hole Depth: 50 feet
Hole Diameter: 8 inches
Depth to Bedrock: 35 feet
Surface Elevation: NM
Water Level (Initial): 29 feet below grade
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
0		Ground Surface						0
0–8		Lithology not recorded						
8–35		Dry brown SILT some clay and fine sand						35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-76P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Kirk Bernard
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 28, 2006
End Date: March 28, 2006
Total Hole Depth: 50 feet
Hole Diameter: 8 inches
Depth to Bedrock: 35 feet
Surface Elevation: NM
Water Level (Initial): 29 feet below grade
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–50		BEDROCK						36–50
50–70		End of Borehole						50–70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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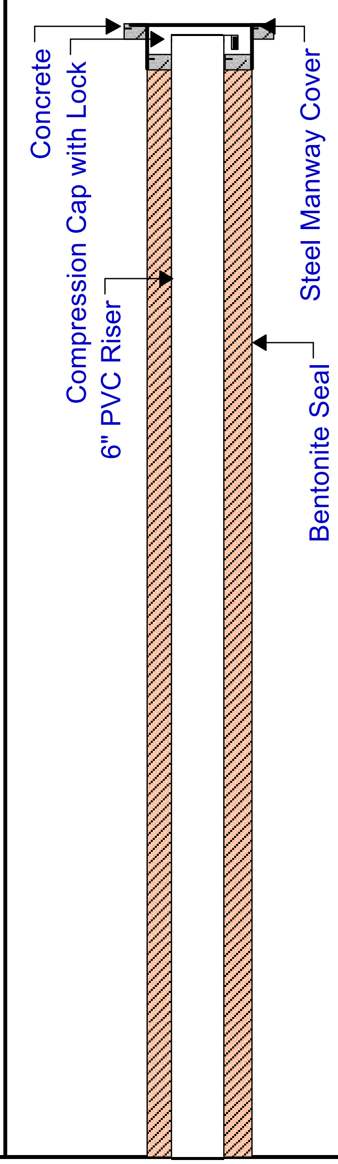
BORING LOG
Well No. MW-84

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 39 feet
Surface Elevation: NM
Water Level (Initial): 46 feet
Water Level (Static): NM
Logged By (Geol.): NG

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
0		Ground Surface						0
0–15		Brown dry SILT and fine SAND						0–15
4						0.0		4
12.5						0.0		12.5
15–35		Dry MUSCOVITE SCHIST						15–35
17.5						0.0		17.5
22.5						0.0		22.5
27.5						0.0		27.5
32.5						0.0		32.5



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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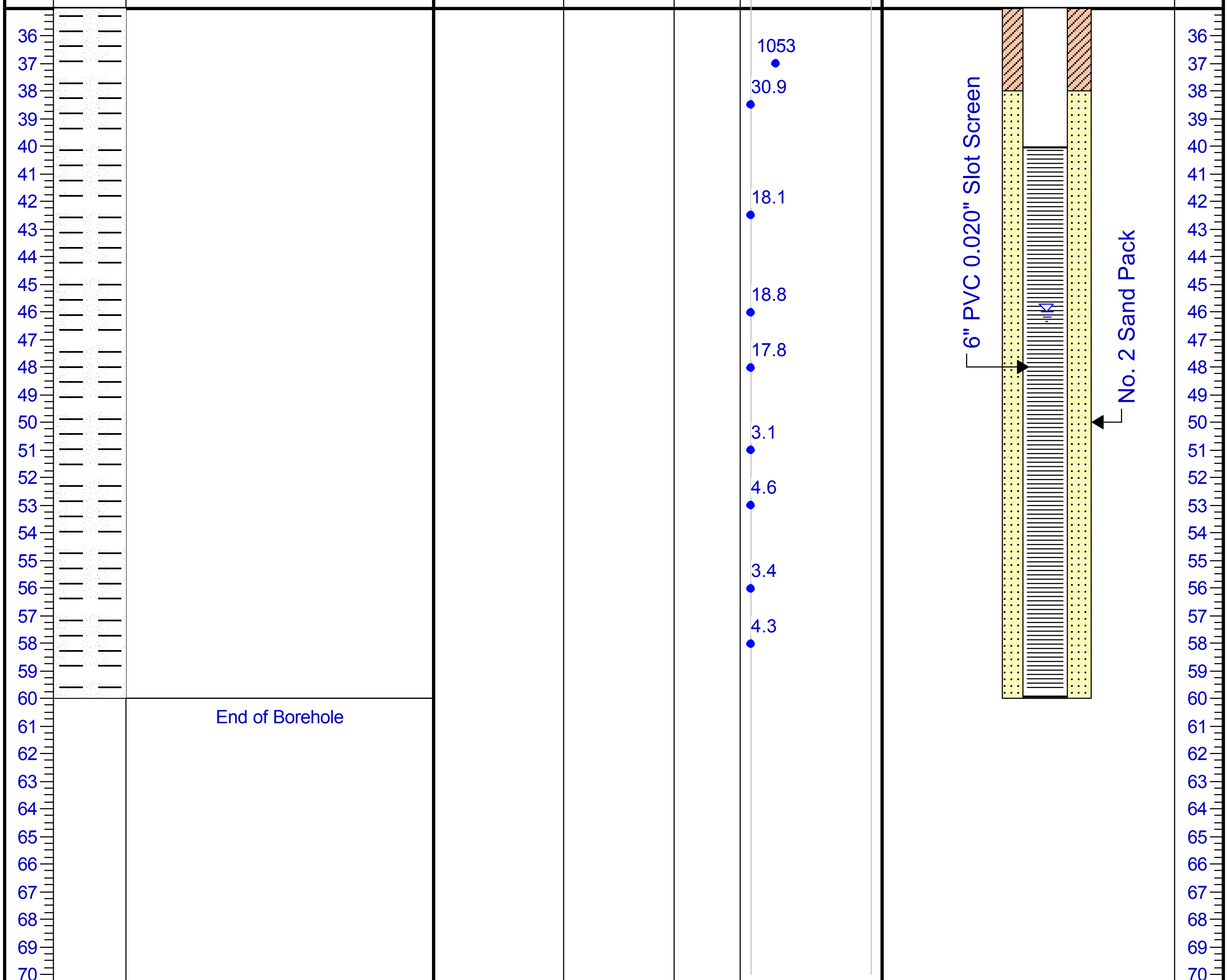
BORING LOG
Well No. MW-84

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 39 feet
Surface Elevation: NM
Water Level (Initial): 46 feet
Water Level (Static): NM
Logged By (Geol.): NG

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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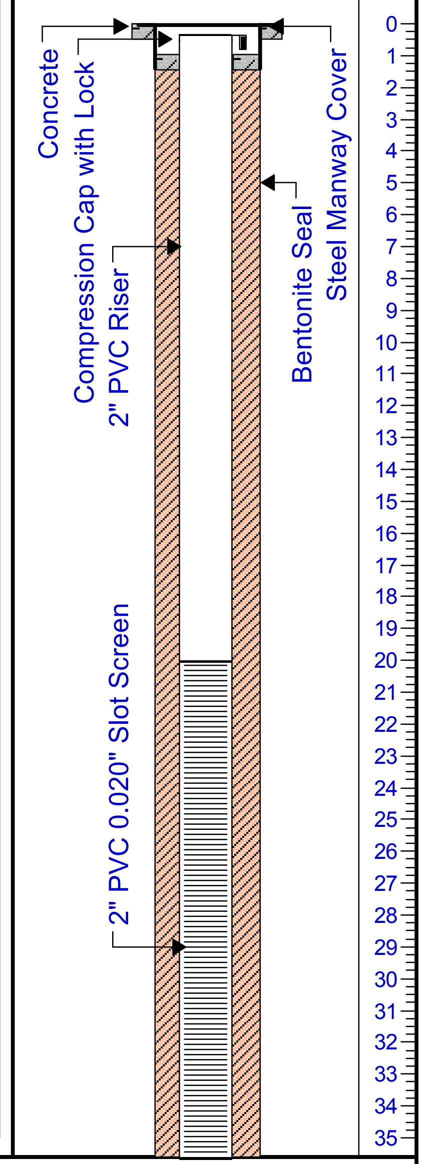
BORING LOG
Well No. MW-84P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Kirk Bernard
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 28, 2006
End Date: March 28, 2006
Total Hole Depth: 60 feet
Hole Diameter: 8 inches
Depth to Bedrock: 34 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
		Ground Surface						
0–8		Lithology not recorded						
8–21		Brown dry SILT some clay and fine sand						
21–30		BOULDER						
30–34		SAPROLITE						
34–35		BEDROCK						



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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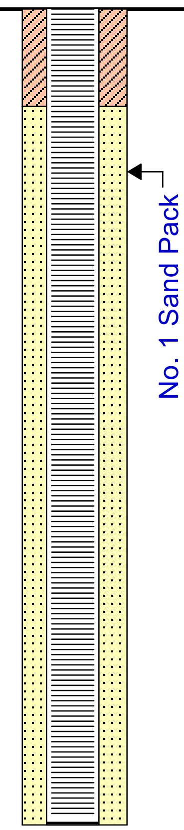
BORING LOG
Well No. MW-84P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Kirk Bernard
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 28, 2006
End Date: March 28, 2006
Total Hole Depth: 60 feet
Hole Diameter: 8 inches
Depth to Bedrock: 34 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–39								36–39
39–41		BEDROCK (softer, odor)						39–41
41–60		BEDROCK						41–60
60		End of Borehole						60
61–70								61–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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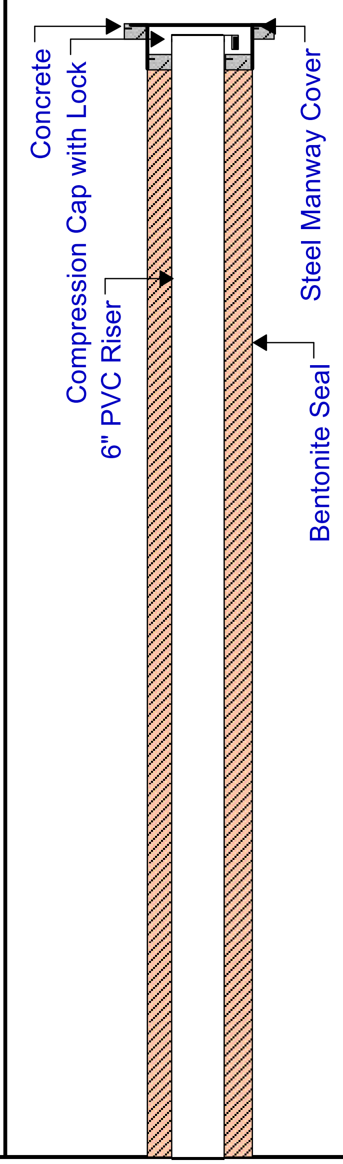
BORING LOG
Well No. MW-85

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: NM
Water Level (Initial): 45 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.
Odors at 40 feet

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
		Ground Surface						
0		Fill						0
2		Red SAND						2
8		Brown dry SILT and fine SAND						8
10		Brown SAND						10
12		Brown SCHIST(bedrock)						12
30		Gray SCHIST (bedrock)						30
32		Brown SCHIST (bedrock)						32
33		Gray SCHIST (bedrock)						33
35								35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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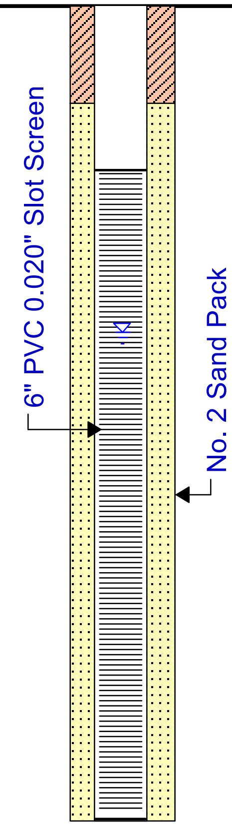
BORING LOG
Well No. MW-85

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: NM
Water Level (Initial): 45 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.
Odors at 40 feet

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
36–40		Brown SCHIST (bedrock)						36–40
40–45		Dark brown SCHIST (bedrock)				25.5 (at 40)		40–45
45–48		Brown SCHIST (bedrock)						45–48
48–52		Gray SCHIST (bedrock)						48–52
52–60		Dark gray SCHIST (bedrock)						52–60
60–70		End of Borehole						60–70



PID - Photoionization Detector
MU - Meter Units
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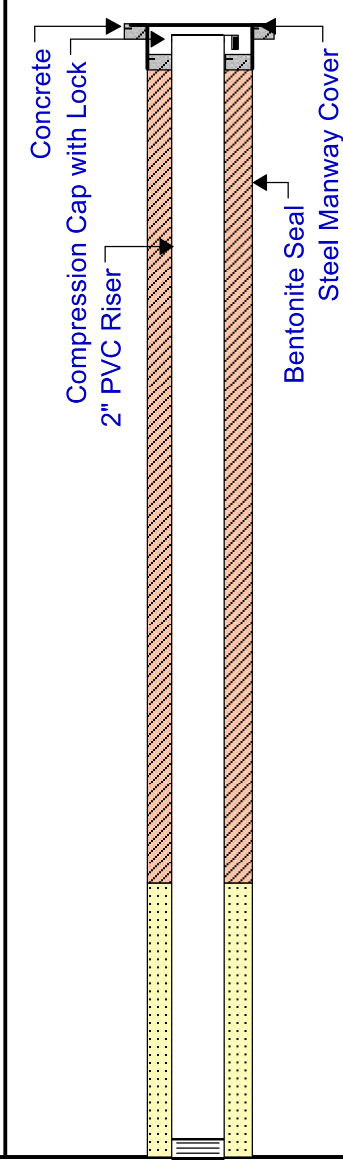
BORING LOG
Well No. MW-85P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 26, 2006
End Date: March 26, 2006
Total Hole Depth: 60 feet
Hole Diameter: 8 inches
Depth to Bedrock: 22 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
		Ground Surface						
0		Asphalt						0
1		Reddish-brown dry SILT some fine sand, little clay and cobbles						1
8		Reddish-brown SILT some clay and fine sand						8
22		BEDROCK						22
35								35



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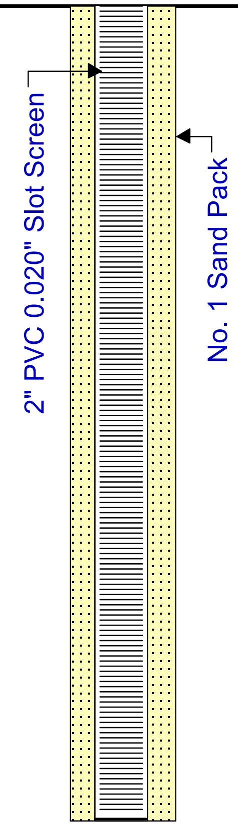
BORING LOG
Well No. MW-85P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 26, 2006
End Date: March 26, 2006
Total Hole Depth: 60 feet
Hole Diameter: 8 inches
Depth to Bedrock: 22 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–41								36–41
41–48		BEDROCK (softer)						41–48
48–60		Dark gray BEDROCK						48–60
60–70		End of Borehole						60–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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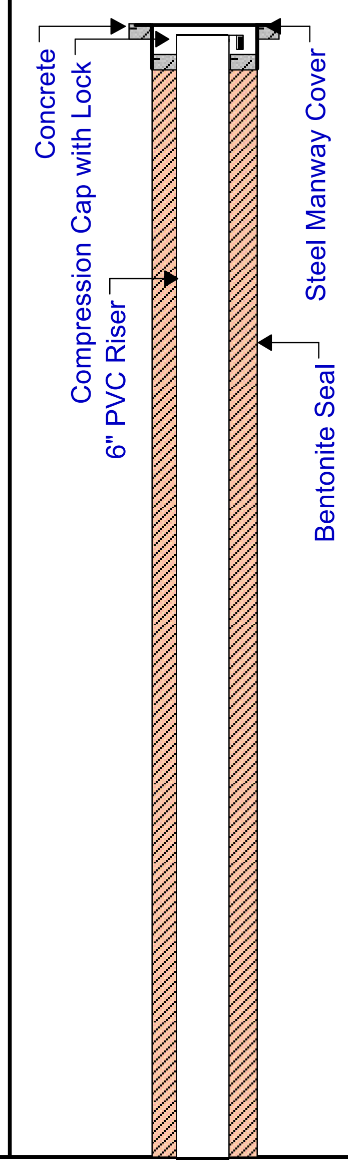
BORING LOG
Well No. MW-86

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 50 feet
Surface Elevation: NM
Water Level (Initial): 45 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
		Ground Surface						
0–10		Brown dry SILT and fine SAND						0–10
10–15		Red SAND and SILT, clay						10–15
15–25		Brown SAND and schist						15–25
25–35		Brown SCHIST (bedrock)						25–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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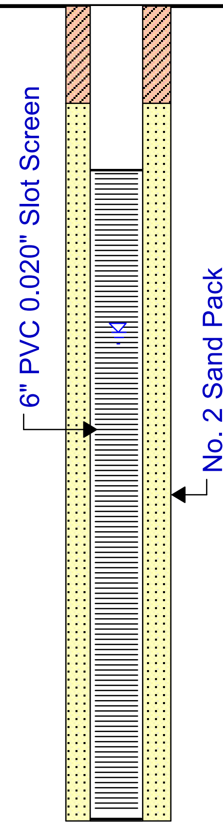
BORING LOG
Well No. MW-86

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 50 feet
Surface Elevation: NM
Water Level (Initial): 45 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–55								36–55
55–60		Dark brown SCHIST (bedrock)						55–60
60–70		End of Borehole						60–70



PID - Photoionization Detector
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NM - Not Measured

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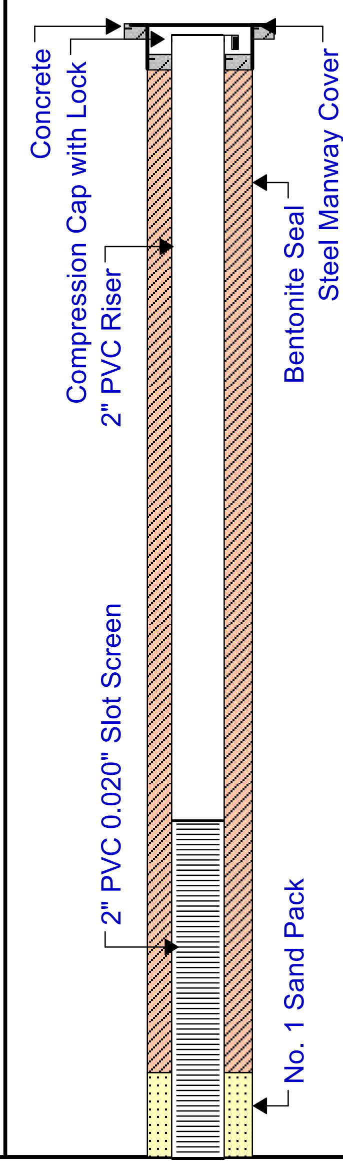
BORING LOG
Well No. MW-86P

Project Name: Exxon #28077	***Start Date:*** March 26, 2006	***Permit No.:***
Site Location: 14258 Jarrettsville Pike, Phoenix, MD	***End Date:*** March 26, 2006	***License No.:***
GSC|KA Project No: 60507606	***Total Hole Depth:*** 60 feet	***Checked By:***
Client: ExxonMobil Refining and Supply Company	***Hole Diameter:*** 8 inches	***Notes:*** Hand-cleared to 8 feet below grade.
Drilling Company: B.L. Myers	***Depth to Bedrock:*** 48 feet	
Driller: Ray Chilcote	***Surface Elevation:*** NM	
Drill Rig Type: Air Rotary	***Water Level (Initial):*** NM	
Drilling Method: Air Rotary	***Water Level (Static):*** NM	
Sampling Method: NS	***Logged By (Geol.):*** Jamie Stapleton	

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
		Ground Surface						
0		Asphalt						0
1		Reddish-brown dry SILT some fine sand, little clay and cobbles						1
8		Reddish-brown dry SILT some fine sand and clay						8



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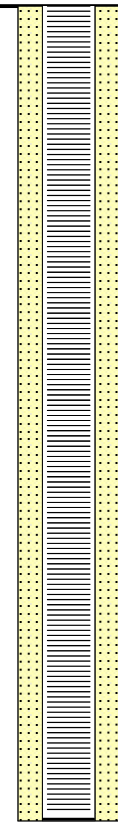
BORING LOG
Well No. MW-86P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 26, 2006
End Date: March 26, 2006
Total Hole Depth: 60 feet
Hole Diameter: 8 inches
Depth to Bedrock: 48 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–48								36–48
48		BEDROCK						48
57		BEDROCK (softer)						57
60		End of Borehole						60
61–70								61–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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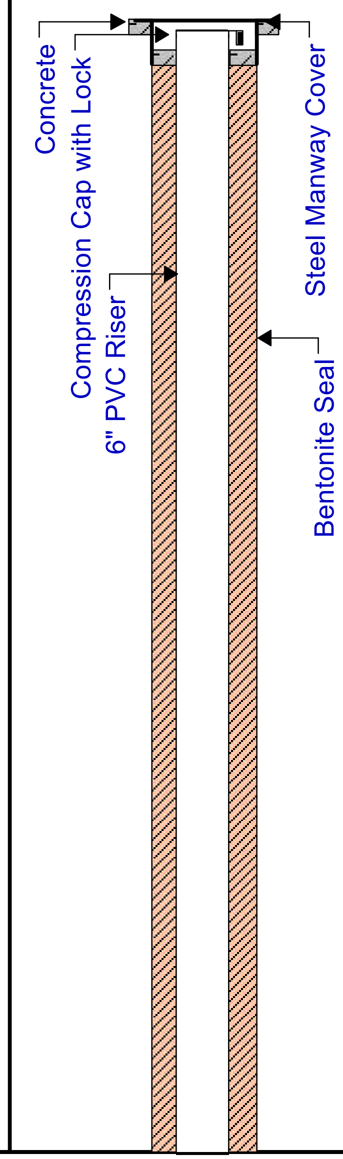
BORING LOG
Well No. MW-87

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 40 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Nicholas Greco

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
		Ground Surface						
0		Brown dry SILT and fine SAND (predominately muscovite gneiss)						0
5						0.0		5
12						0.0		12
17						0.0		17
22		Weathered SCHIST				0.0		22
27						0.0		27
32						0.0		32
35								35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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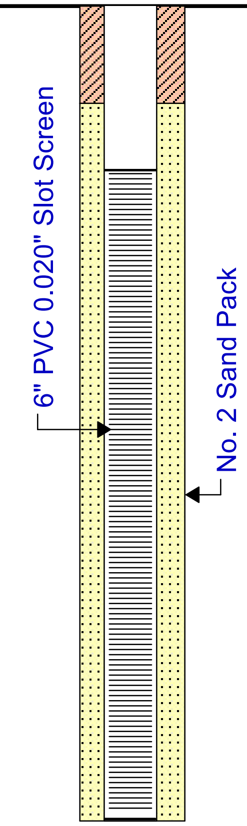
BORING LOG
Well No. MW-87

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 40 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Nicholas Greco

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		Depth (feet)
36–40						0.0 (38)		36–40
40–47.5		MUSCOVITE SCHIST (competent bedrock)				0.0 (43); 0.0 (48)		40–47.5
47.5–55		MUSCOVITE SCHIST (less competent, darker in color)				0.0 (53)		47.5–55
55–60		MUSCOVITE SCHIST (less competent, some quartz and biotite)				0.0 (58)		55–60
60–70		End of Borehole						60–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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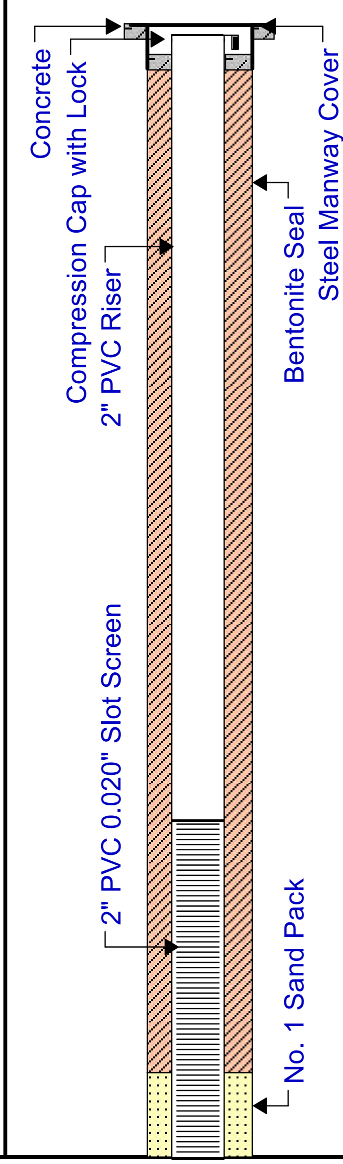
BORING LOG
Well No. MW-87P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 26, 2006
End Date: March 26, 2006
Total Hole Depth: 60 feet
Hole Diameter: 8 inches
Depth to Bedrock: 39 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
		Ground Surface						
0–0.5		Asphalt						
0.5–8		Reddish-brown dry SILT some fine sand, little clay and cobbles						
8–35		Reddish-brown dry SILT some fine sand and clay						



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MU - Meter Units
NS - Not Sampled
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NM - Not Measured

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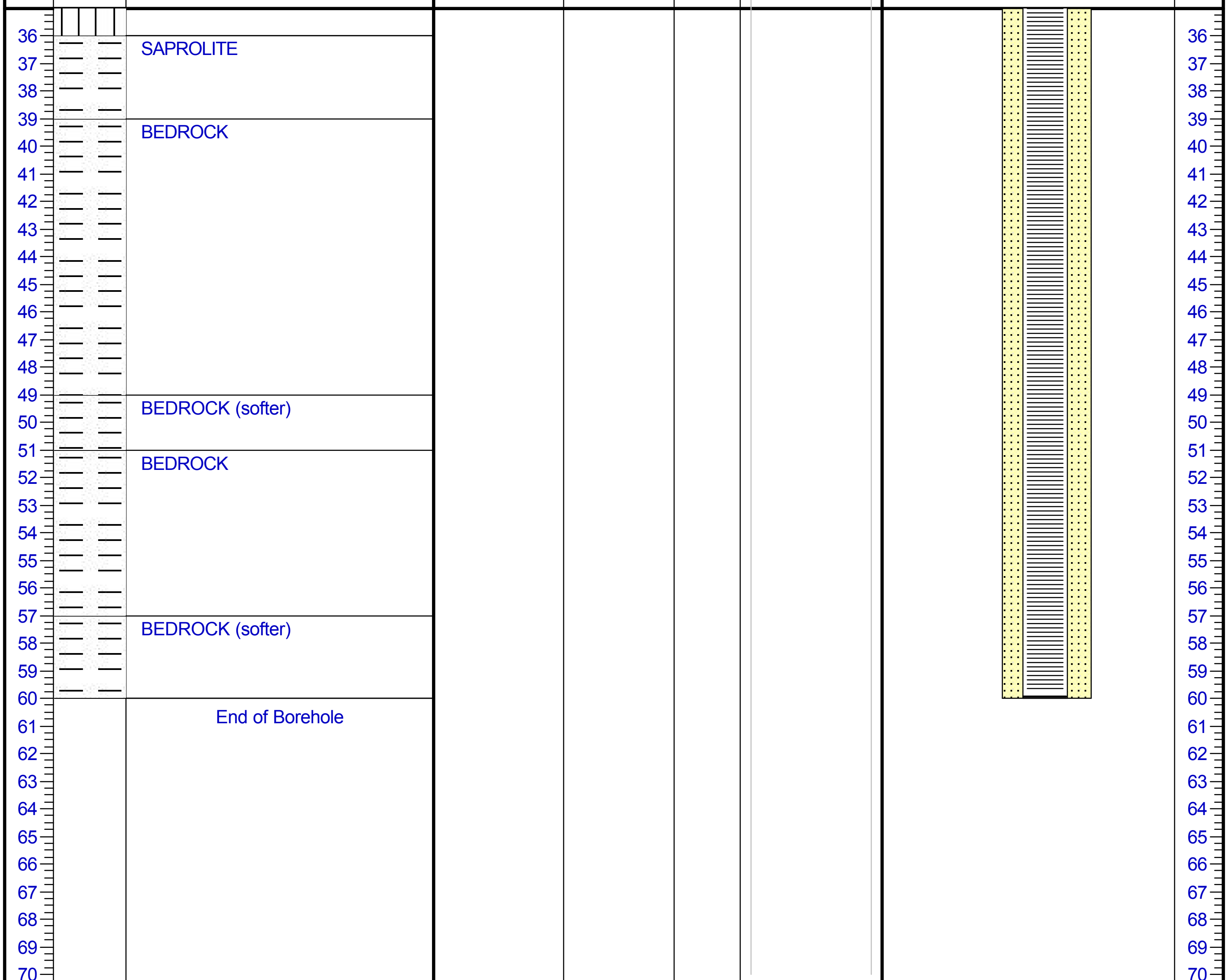
BORING LOG
Well No. MW-87P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 26, 2006
End Date: March 26, 2006
Total Hole Depth: 60 feet
Hole Diameter: 8 inches
Depth to Bedrock: 39 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–39		SAPROLITE						
39–49		BEDROCK						
49–51		BEDROCK (softer)						
51–57		BEDROCK						
57–60		BEDROCK (softer)						
60		End of Borehole						



PID - Photoionization Detector
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NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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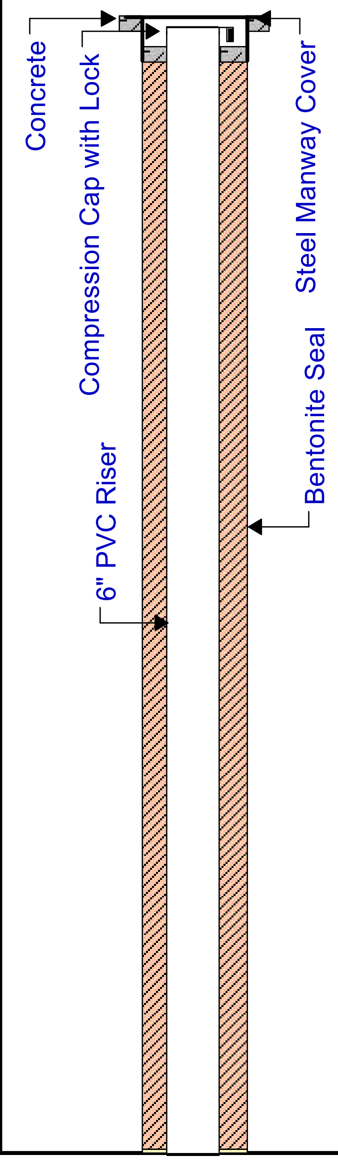
BORING LOG
Well No. MW-88

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 25 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): NG

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		Depth (feet)
0		Ground Surface Brown dry SILT and fine SAND						0
4–5						0.0		4–5
12						0.0		12
22						0.0		22
25		SCHIST						25
32						0.0		32
35								35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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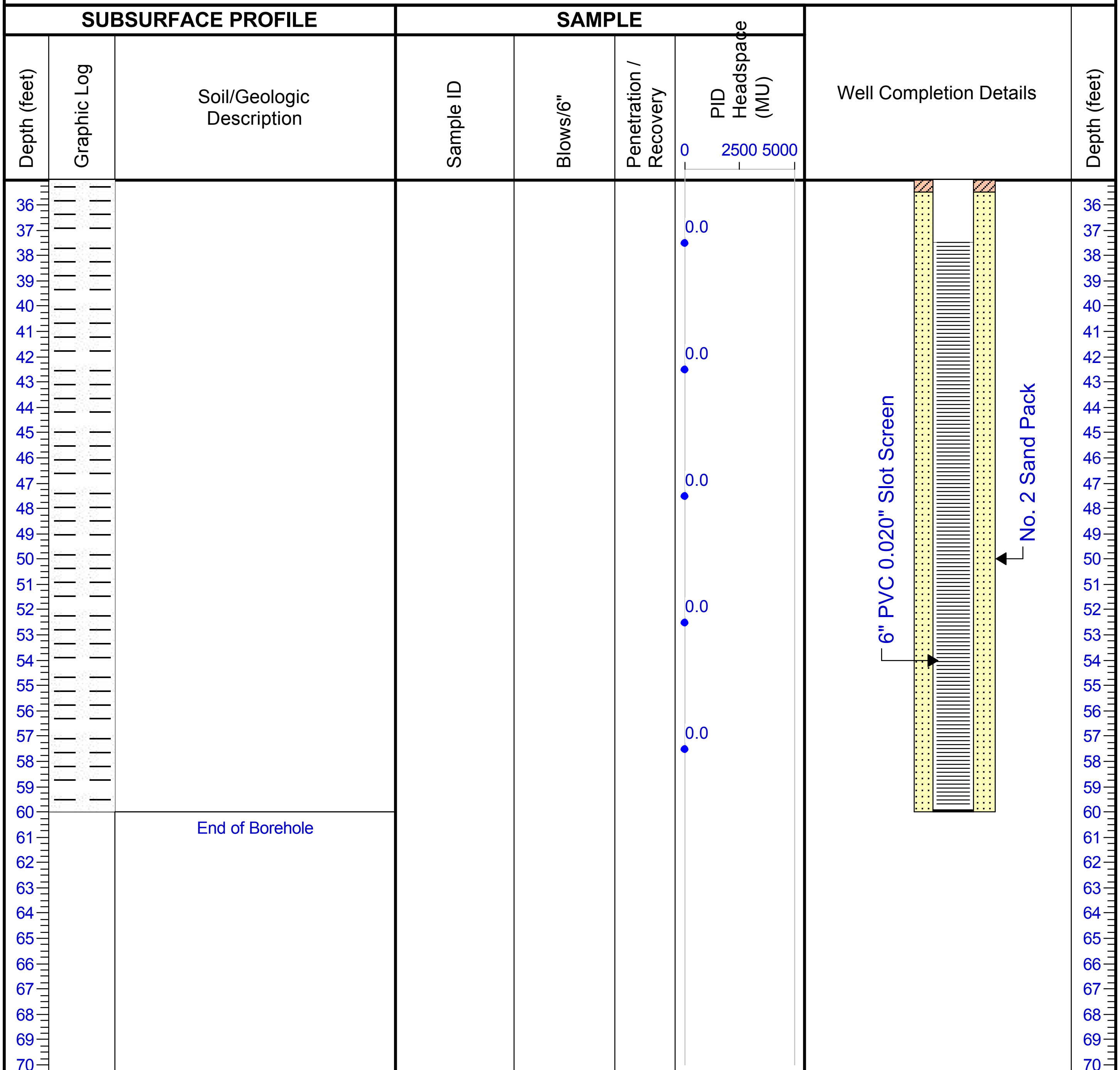
BORING LOG
Well No. MW-88

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 16, 2006
End Date: March 16, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 25 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): NG

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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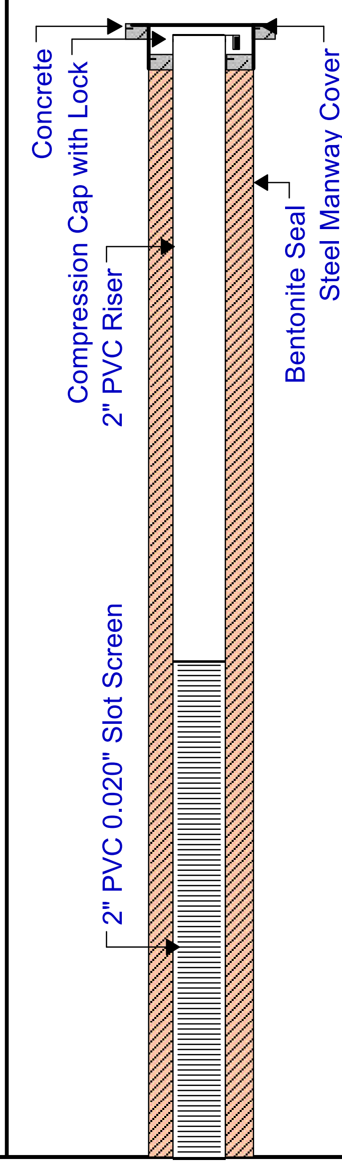
BORING LOG
Well No. MW-88P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Kirk Bernard
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 28, 2006
End Date: March 28, 2006
Total Hole Depth: 60 feet
Hole Diameter: 8 inches
Depth to Bedrock: 53 feet
Surface Elevation: NM
Water Level (Initial): 42 feet below grade
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
0		Ground Surface						0
0–8		Lithology not recorded						
8–35		Brownish-red dry SILT some clay and fine sand						35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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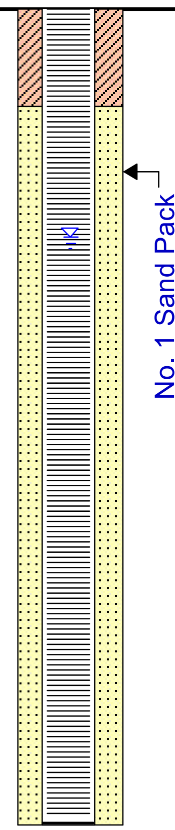
BORING LOG
Well No. MW-88P

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Kirk Bernard
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 28, 2006
End Date: March 28, 2006
Total Hole Depth: 60 feet
Hole Diameter: 8 inches
Depth to Bedrock: 53 feet
Surface Elevation: NM
Water Level (Initial): 42 feet below grade
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–52								36–52
53–60		BEDROCK						53–60
60–70		End of Borehole						60–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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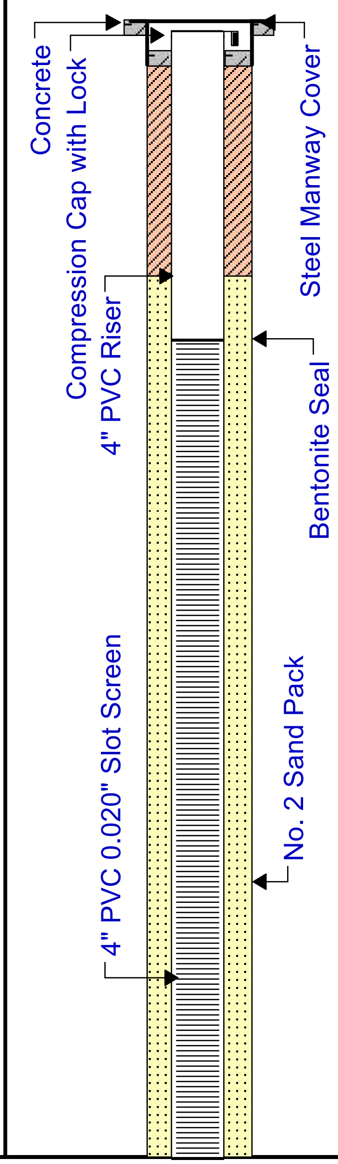
BORING LOG
Well No. MW-89

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 17, 2006
End Date: March 17, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 15 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): NG

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
0		Ground Surface						0
0–15		Brown dry SILT and fine SAND						
4.8						0.0		
12.3						0.0		
15–35		SCHIST						
17.3						0.5		
22.3						3.6		
27.3						3.0		
32.3						0.0		
35								35



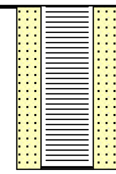
PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

BORING LOG
Well No. MW-89

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 17, 2006
End Date: March 17, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 15 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): NG

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
36–40						0.0 (at ~37.5)		36–40
40		End of Borehole						40
41–70								41–70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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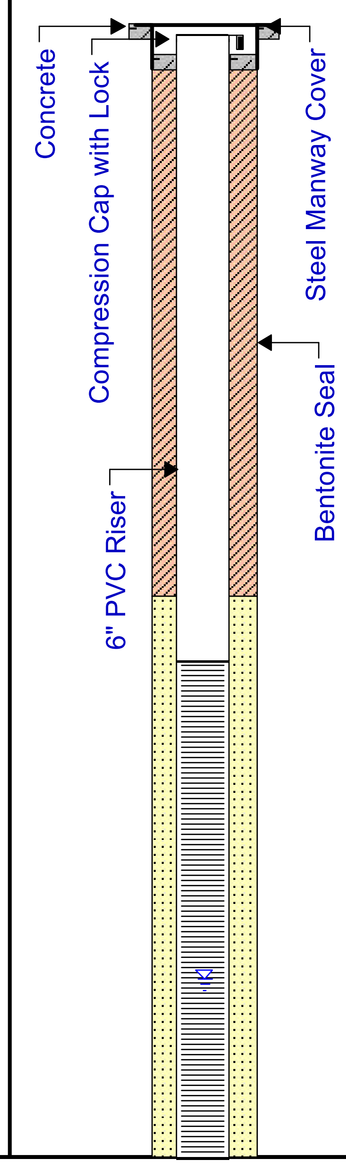
BORING LOG
Well No. MW-90

Project Name: Exxon #28077	***Start Date:*** March 17, 2006	***Permit No.:***
Site Location: 14258 Jarrettsville Pike, Phoenix, MD	***End Date:*** March 17, 2006	***License No.:***
GSC|KA Project No: 60507606	***Total Hole Depth:*** 50 feet	***Checked By:***
Client: ExxonMobil Refining and Supply Company	***Hole Diameter:*** 10 inches	***Notes:*** Hand cleared feet using air knife and vacuum. Odors at 30 feet and 42 feet
Drilling Company: B.L. Myers	***Depth to Bedrock:*** 31 feet	
Driller: Ray Chilcote	***Surface Elevation:*** NM	
Drill Rig Type: Air Rotary	***Water Level (Initial):*** 30 feet	
Drilling Method: Air Rotary	***Water Level (Static):*** NM	
Sampling Method: NS	***Logged By (Geol.):*** KRB	

SUBSURFACE PROFILE		SAMPLE					
Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
	Ground Surface						
0–10	Brown dry SILT and fine SAND						
10–13	Red SAND and CLAY, silts						
13–15	Brown SAND						
15–30	Brown SCHIST (bedrock)						
30–31	Brown SCHIST (bedrock)						
31–35	Gray SCHIST (bedrock)						



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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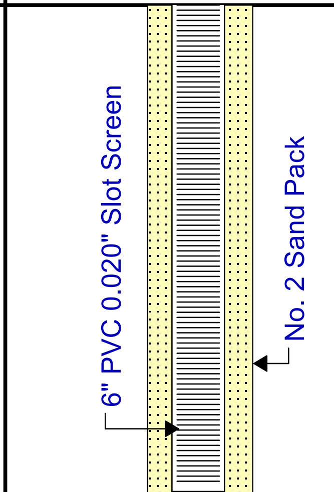
BORING LOG
Well No. MW-90

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 17, 2006
End Date: March 17, 2006
Total Hole Depth: 50 feet
Hole Diameter: 10 inches
Depth to Bedrock: 31 feet
Surface Elevation: NM
Water Level (Initial): 30 feet
Water Level (Static): NM
Logged By (Geol.): KRB

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.
Odors at 30 feet and 42 feet

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000
36–39					
39–40	Tan SCHIST (bedrock)				
40–42	Brown SCHIST (bedrock)				
42–44	Brown SCHIST (bedrock)				
44–50	Dark gray SCHIST (bedrock)				
50	End of Borehole				



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
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NM - Not Measured

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BORING LOG
Well No. MW-91

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

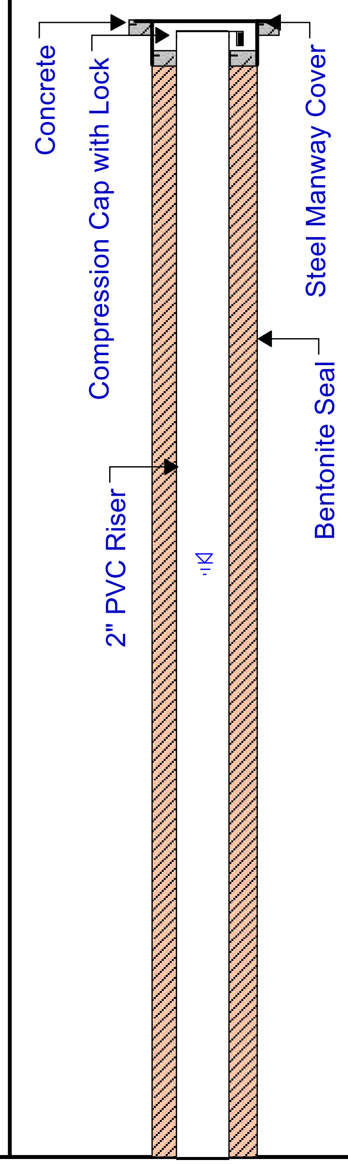
Start Date: March 18, 2006
End Date: March 18, 2006
Total Hole Depth: 72 feet
Hole Diameter: 8 inches
Depth to Bedrock: 21 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) (0 – 2500 – 5000)
0	Ground Surface				
0–21	Brown dry SILT and fine SAND				
10.5					0.0
21–22	Brown dry SCHIST				0.0
22–23	Gray dry SCHIST				0.0
23–25	Brown dry SCHIST				0.0
25–28	Gray dry SCHIST				0.0
28–31	Brown dry SCHIST				0.0
31–35	Gray dry SCHIST				

Well Completion Details



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MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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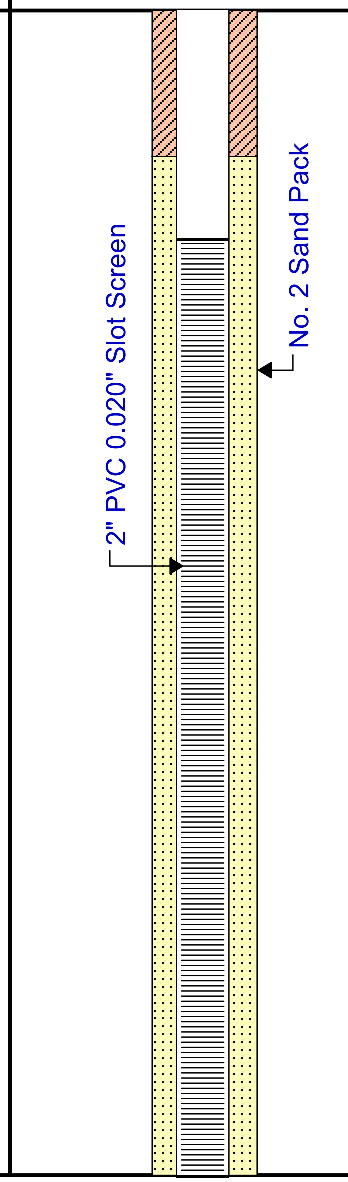
BORING LOG
Well No. MW-91

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 18, 2006
End Date: March 18, 2006
Total Hole Depth: 72 feet
Hole Diameter: 8 inches
Depth to Bedrock: 21 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–42						0.0		36–42
42–46		Gray moist SCHIST				0.0		42–46
46–62		Gray dry SCHIST				0.0		46–62
62–70		Gray moist SCHIST				0.0		62–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-91

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 18, 2006
End Date: March 18, 2006
Total Hole Depth: 72 feet
Hole Diameter: 8 inches
Depth to Bedrock: 21 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand cleared feet using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
71–72		Brown dry SCHIST				0.0 (at 72)		71–72
72–100		Gray dry SCHIST				0.0 (at 86)		72–100
100		End of Borehole						100

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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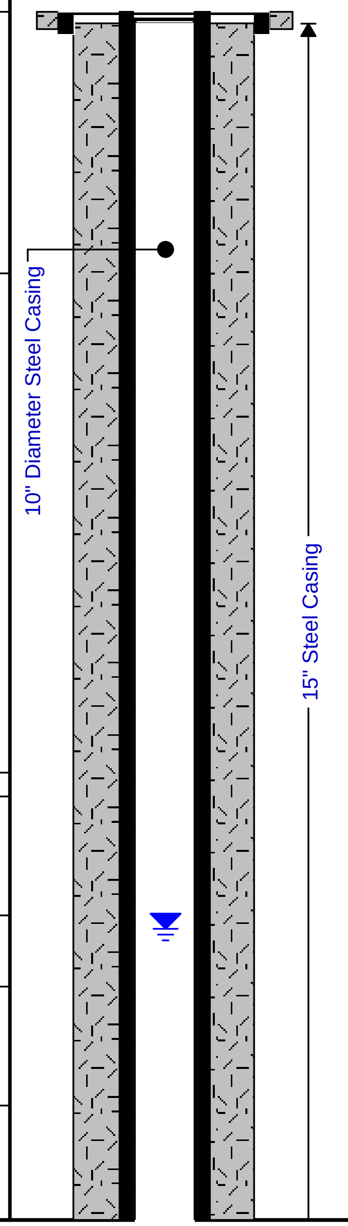
BORING LOG
Boring No. MW-91C

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-6-10
End Date: 5-10-10
Total Hole Depth: 297.4 feet
Hole Diameter: 15"(0-80'),10"(80-297.4')
Depth to Bedrock: 33 feet
Surface Elevation: 585.67 ft./msl.
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3406
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface			
0–25		**SM** SAND, some Silt, mica, brown red	0.0		0–25
25–32		**SM** SAND, some Silt, mica, brown			25–32
32–33		**SM** SAND, some Silt, some rounded gravel, mica, brown, moist	0.0		32–33
33–38		**BR** Biotite quartz, grey	0.0		33–38
38–41		**BR** Biotite quartz, trace hornblende, grey	0.0		38–41
41–46		**BR** SCHIST Biotite quartz, hornblende, grey	0.0		41–46
46–50		**BR** Biotite quartz, brown	0.0		46–50



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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Hanover, MD 21076
(410) 850-0404

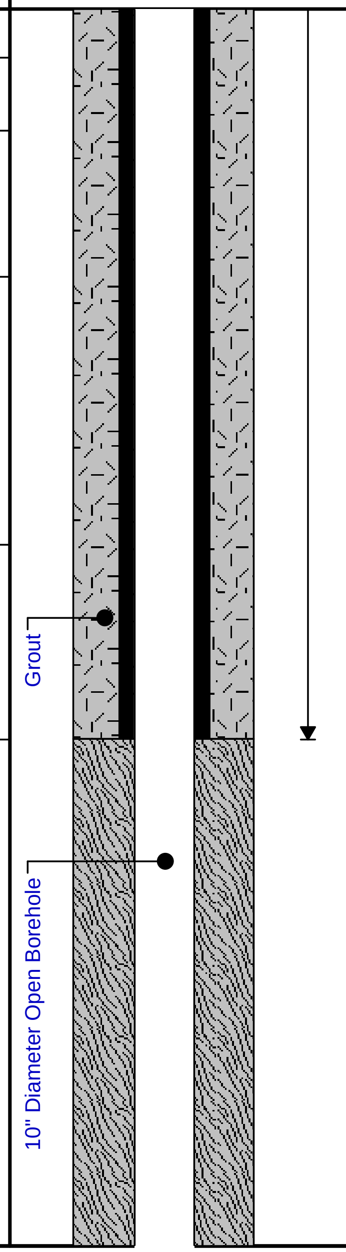
BORING LOG
Boring No. MW-91C

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-6-10
End Date: 5-10-10
Total Hole Depth: 297.4 feet
Hole Diameter: 15"(0-80'),10"(80-297.4')
Depth to Bedrock: 33 feet
Surface Elevation: 585.67 ft./msl.
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3406
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
51–52					51–52
52–55		**BR** Biotite quartz, hornblende, grey	0.0		52–55
55–61		**BR** Biotite quartz, brown	0.0		55–61
61–72		**BR** Biotite quartz, grey	0.0		61–72
72–80			0.0		72–80
80–88					80–88
88–100		**BR** SCHIST Muscovite, biotite quartz, hornblende, grey	0.3		88–100



PID - Photoionization Detector
NA - Not Applicable
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NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG
Boring No. MW-91C

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-6-10
End Date: 5-10-10
Total Hole Depth: 297.4 feet
Hole Diameter: 15"(0-80'),10"(80-297.4')
Depth to Bedrock: 33 feet
Surface Elevation: 585.67 ft./msl.
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3406
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
101–128		SCHIST	0.3		101–128
128–150		**BR** Muscovite, biotite quartz, hornblende, garnet SCHIST	0.8		128–150

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BORING LOG
Boring No. MW-91C

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-6-10
End Date: 5-10-10
Total Hole Depth: 297.4 feet
Hole Diameter: 15"(0-80'),10"(80-297.4')
Depth to Bedrock: 33 feet
Surface Elevation: 585.67 ft./msl.
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3406
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
151–162			1.6		151–162
162–173			1.6		162–173
173–196			1.6		173–196
196–200					196–200

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BORING LOG
Boring No. MW-91C

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-6-10
End Date: 5-10-10
Total Hole Depth: 297.4 feet
Hole Diameter: 15"(0-80'),10"(80-297.4')
Depth to Bedrock: 33 feet
Surface Elevation: 585.67 ft./msl.
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3406
License No.: JWD318
Checked By: K. Braun
Notes:

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Depth (feet)
201–213			201–213
213–215	**BR** Little biotite, muscovite, garnet		213–215
215–225	**BR** SCHIST Muscovite, biotite quartz, hornblende	1.1	215–225
225–242	**BR** Biotite quartz, hornblende, muscovite, garnet	1.4	225–242
242–250	**BR** Quartz, biotite, muscovite, hornblende, garnet		242–250

PID - Photoionization Detector
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BORING LOG
Boring No. MW-91C

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-6-10
End Date: 5-10-10
Total Hole Depth: 297.4 feet
Hole Diameter: 15"(0-80'),10"(80-297.4')
Depth to Bedrock: 33 feet
Surface Elevation: 585.67 ft./msl.
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3406
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
251–297.4		SCHIST	1.5 (251–266); 1.0 (266–286); 1.3 (286–297.4)		251–297.4
297.4		End of Borehole			300

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BORING LOG

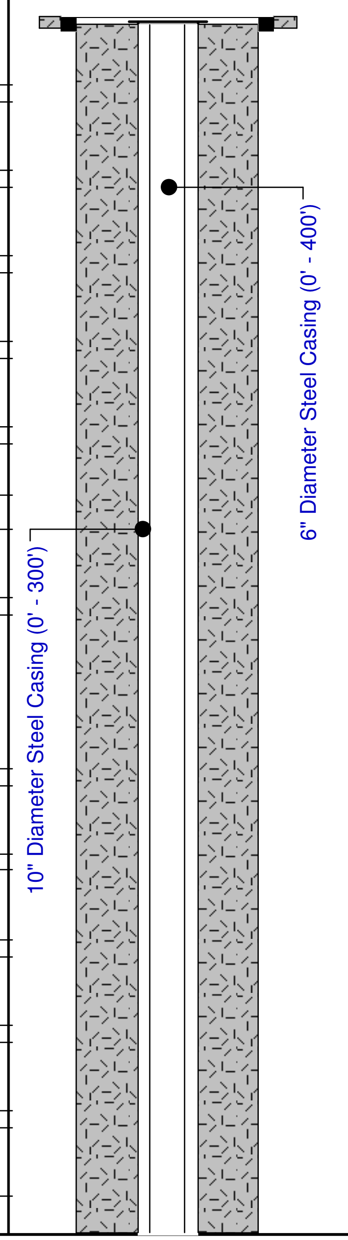
Boring No. **MW-91D**

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method: NA

Start Date: 10-5-10
End Date: 10-28-10
Total Hole Depth: 420'
Hole Diameter: 6 - 10 - 15 inches
Depth to Bedrock: 45 feet
Surface Elevation: 586.76 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): W. Willow, J. Beck

Permit No.: BA-95-3567
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface				
0–25		**ML** SILT with Sand,dark red brown, iron oxide gravel, trace mica, oxidized (Airknife to 8 feet) Drilling Rate 1.0 ft/min		2.4 5.6 4.5 3.6 4.5		
25–45		**Ro** Saprolite SCHIST, dark red brown, oxidized, muscovite with iron oxide Rate of drilling increases from 1.7 ft/min to 2.5 ft/min		5.1 4.1 5.1		
45–65		**Br** SCHIST, gray to brown, muscovite with biotite, trace garnets Rate of drilling decreases from 1.3 ft/min to 0.4 ft/min		4.3 4.4 5.6 4.8		
65–70		**SW** SAND, light brown gray, 85% quartz, 10% muscovite, trace garnet and biotite		5.4		



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BORING LOG

Boring No. MW-91D

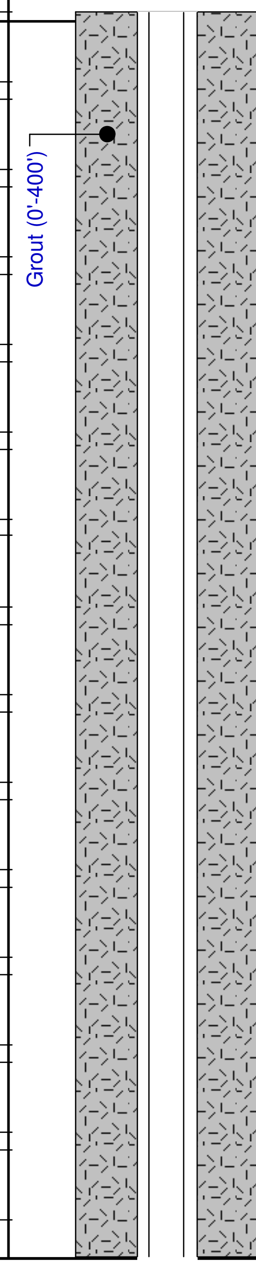
Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method: NA

Start Date: 10-5-10
End Date: 10-28-10
Total Hole Depth: 420'
Hole Diameter: 6 - 10 - 15 inches
Depth to Bedrock: 45 feet
Surface Elevation: 586.76 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): W. Willow, J. Beck

Permit No.: BA-95-3567
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
71–140		**BR** SCHIST, unweathered, gray, muscovite with biotite, trace garnet Rate of drilling increases from 0.4 ft/min to 1.3 ft/min Rate of drilling decreases from 1.3 ft/min to 0.4 ft/min		4.8 10.2 6.5 6.8 4.4 4.2 1.5 7.7 4.4 5.1 4.0 4.4 4.3 5.2	Grout (0'-400')	71–140



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BORING LOG

Boring No. **MW-91D**

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method: NA

Start Date: 10-5-10
End Date: 10-28-10
Total Hole Depth: 420'
Hole Diameter: 6 - 10 - 15 inches
Depth to Bedrock: 45 feet
Surface Elevation: 586.76 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): W. Willow, J. Beck

Permit No.: BA-95-3567
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Depth (feet)
144			5.5	144
149			5.3	149
154			3.9	154
159			4.5	159
164			5.5	164
169			5.6	169
179	Rate of drilling increases from 0.3 ft/min to 0.9 ft/min		5.1	179
189			6.5	189
199			4.2	199
209			2.3	209

Depth scale: 141–210 feet. Columns: SUBSURFACE PROFILE (Depth, Graphic Log, Soil/Geologic Description); SAMPLE (Sample ID, PID (ppm), Well Construction, Depth).

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KLEINFELDER Bright People. Right Solutions.	1340 Charwood Road, Suite I Hanover, MD 21076 (410) 850-0404	BORING LOG **Boring No.** **MW-91D**

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method: NA

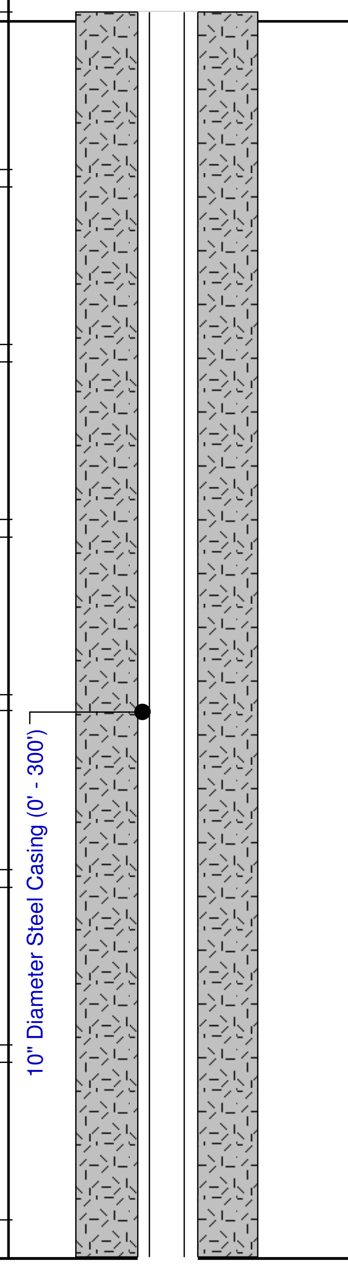
Start Date: 10-5-10
End Date: 10-28-10
Total Hole Depth: 420'
Hole Diameter: 6 - 10 - 15 inches
Depth to Bedrock: 45 feet
Surface Elevation: 586.76 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): W. Willow, J. Beck

Permit No.: BA-95-3567
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Depth (feet)
211				211
212				212
213				213
214				214
215				215
216				216
217				217
218				218
219				219
220			5.6	220
221				221
222				222
223				223
224				224
225				225
226				226
227				227
228				228
229				229
230			1.2	230
231				231
232				232
233				233
234				234
235				235
236				236
237				237
238				238
239				239
240			0.2	240
241				241
242				242
243				243
244	Rate of drilling increases from 0.6 ft/min to 1.5 ft/min			244
245				245
246				246
247				247
248				248
249				249
250			0.0	250
251				251
252				252
253				253
254				254
255				255
256				256
257				257
258				258
259				259
260			0.0	260
261				261
262				262
263				263
264				264
265				265
266				266
267				267
268				268
269				269
270			0.5	270
271				271
272				272
273				273
274				274
275				275
276				276
277				277
278				278
279	Rate of drilling decreases from 1.1 ft/min to 0.7 ft/min			279
280			0.2	280

Well Construction



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BORING LOG
Boring No. MW-91D

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method: NA

Start Date: 10-5-10
End Date: 10-28-10
Total Hole Depth: 420'
Hole Diameter: 6 - 10 - 15 inches
Depth to Bedrock: 45 feet
Surface Elevation: 586.76 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): W. Willow, J. Beck

Permit No.: BA-95-3567
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE | **SAMPLE**

Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
281						281
282						282
283						283
284						284
285						285
286						286
287						287
288						288
289				0.2		289
290						290
291						291
292						292
293						293
294						294
295						295
296						296
297						297
298						298
299				0.1		299
300						300
301						301
302						302
303						303
304						304
305						305
306						306
307						307
308						308
309						309
310						310
311						311
312						312
313						313
314						314
315						315
316						316
317						317
318						318
319						319
320						320
321						321
322						322
323						323
324						324
325						325
326						326
327						327
328						328
329						329
330						330
331						331
332						332
333						333
334						334
335						335
336						336
337						337
338						338
339						339
340						340
341						341
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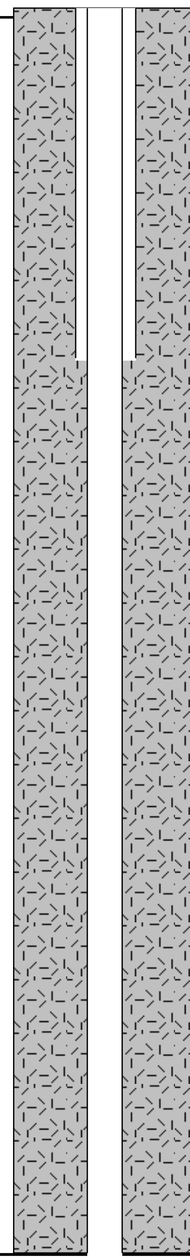
347						347
348						348
349						349
350						350



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BORING LOG

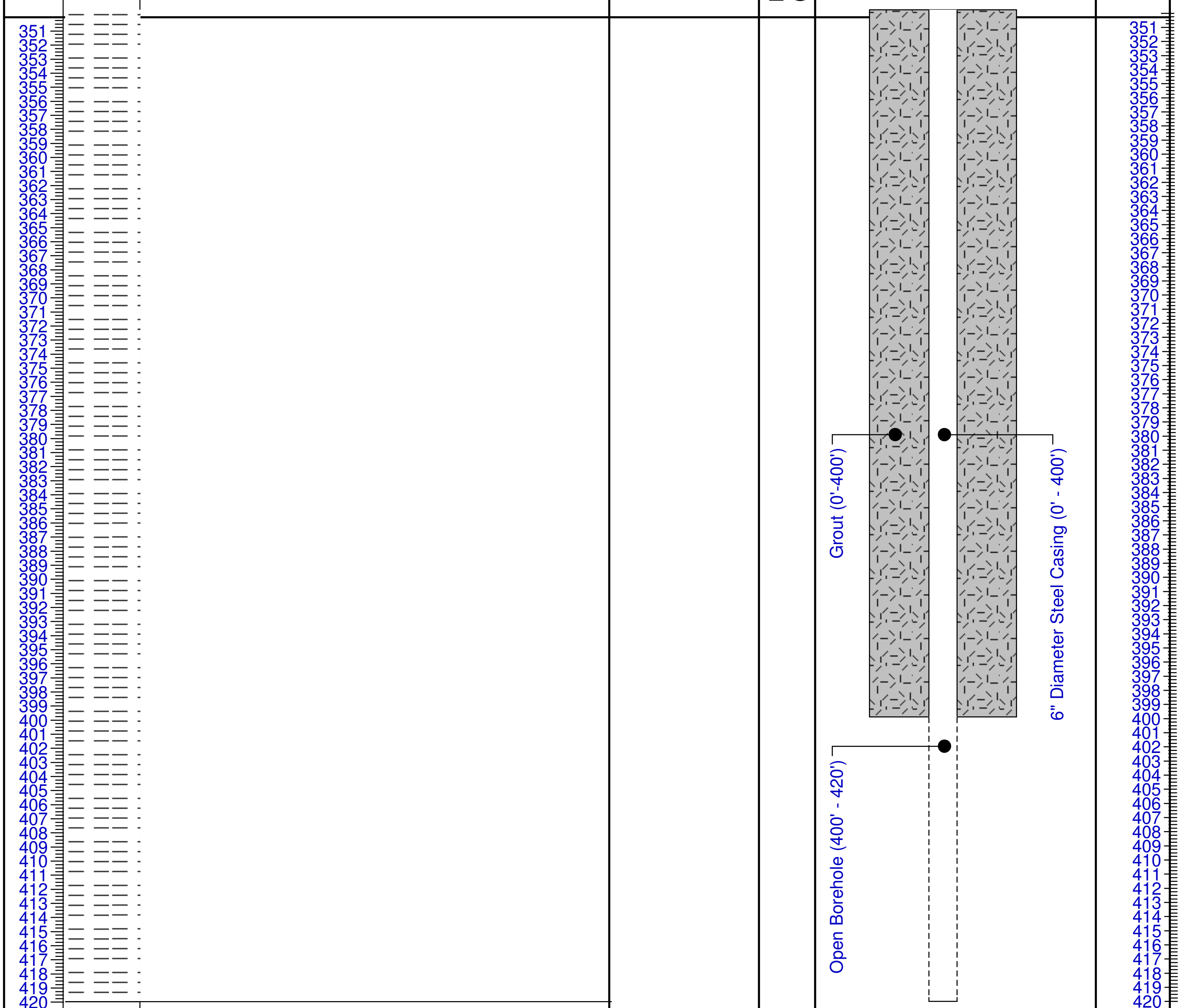
Boring No. MW-91D

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method: NA

Start Date: 10-5-10
End Date: 10-28-10
Total Hole Depth: 420'
Hole Diameter: 6 - 10 - 15 inches
Depth to Bedrock: 45 feet
Surface Elevation: 586.76 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): W. Willow, J. Beck

Permit No.: BA-95-3567
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)



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BORING LOG
Well No. MW-107

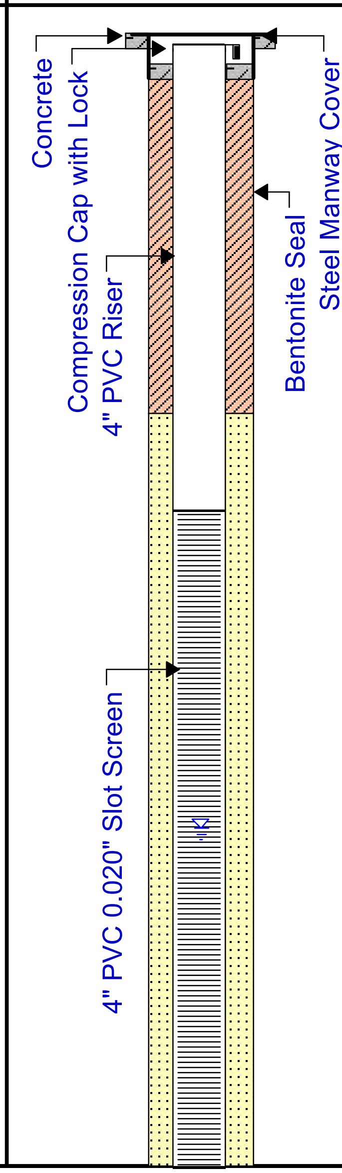
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 23, 2006
End Date: March 23, 2006
Total Hole Depth: 45 feet
Hole Diameter: 10 inches
Depth to Bedrock: 18 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): SJT

Permit No.:
License No.:
Checked By:
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE		SAMPLE				
Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Depth (feet)
0	Ground Surface				0.0	0
0–2	Brown, moist SILT and FINE SAND with some mica (1-2mm)					
2					0.0	2
2–18	Reddish-brown, moist SAPROLITIC SCHIST (mostly weathered), some mica (1-4mm)					
4					0.0	4
6					0.0	6
8					0.0	8
10					0.0	10
12					0.0	12
14					0.0	14
16					0.0	16
18					0.0	18
18–22	Reddish-brown, moist SAPROLITIC SCHIST (bedrock), some mica (1-2mm)					
20					0.0	20
22					0.0	22
22–28	Gray, moist to wet MUSCOVITE SCHIST (bedrock), some mica (1-4mm)					
24					0.0	24
26					0.0	26
28					0.0	28
28–35	Gray, (possible trace water at 28 feet) MUSCOVITE SCHIST (bedrock), some mica (1-4mm)					
30					0.0	30
32					0.0	32
34					0.0	34

Well Completion Details



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BORING LOG
Well No. MW-107

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 23, 2006
End Date: March 23, 2006
Total Hole Depth: 45 feet
Hole Diameter: 10 inches
Depth to Bedrock: 18 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): SJT

Permit No.:
License No.:
Checked By:
Notes: Hand cleared using air knife and vacuum.

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details
36–45	Gray, (water/fracture at 36 feet) MUSCOVITE SCHIST (bedrock), some mica (1-4mm)				0.0 (36); 0.0 (38); 0.0 (40); 0.0 (42); 0.0 (44)	No. 1 Sand Pack
45	End of Borehole					

Depth scale: 36–70 feet.

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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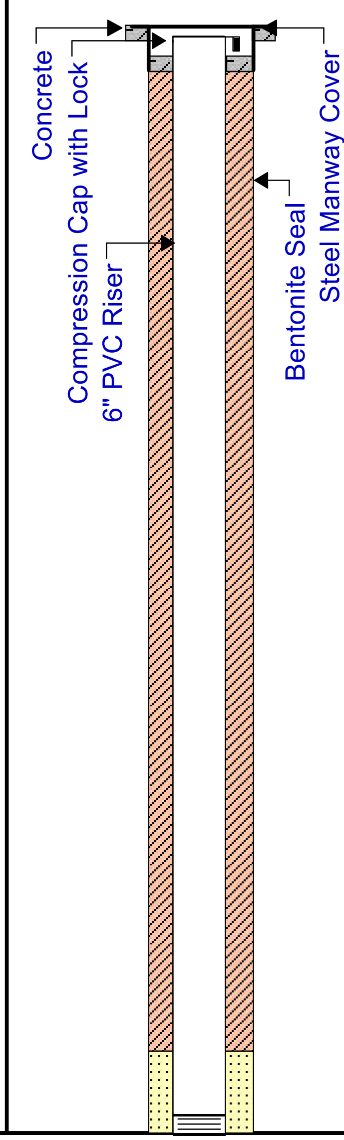
BORING LOG
Well No. MW-108

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 23, 2006
End Date: March 23, 2006
Total Hole Depth: 55 feet
Hole Diameter: 12 inches
Depth to Bedrock: 13 feet
Surface Elevation: NM
Water Level (Initial): 40 feet below grade
Water Level (Static): NM
Logged By (Geol.): PD

Permit No.:
License No.:
Checked By:
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
		Ground Surface						
0–3		Fine SILT and sand, some clay, trace weathered SCHIST						0–3
3–8		Fine SILT and sand, weathered schist						3–8
8–13		SCHIST (weathered bedrock)						8–13
13–33		SCHIST (competent bedrock)						13–33
33–35		Dark brown fine SAND and weathered schist						33–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

KLEINFELDER Employee-owned

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Hamilton, NJ 08691
(609) 584-5271

BORING LOG
Well No. MW-108

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Ray Chilcote
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 23, 2006
End Date: March 23, 2006
Total Hole Depth: 55 feet
Hole Diameter: 12 inches
Depth to Bedrock: 13 feet
Surface Elevation: NM
Water Level (Initial): 40 feet below grade
Water Level (Static): NM
Logged By (Geol.): PD

Permit No.:
License No.:
Checked By:
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		Depth (feet)
36–40							6" PVC 0.020" Slot Screen; No. 2 Sand Pack	36–40
40–53		SCHIST (competent bedrock)						40–53
53–55		Dark brown fine SAND and weathered schist						53–55
55–70		End of Borehole						55–70

PID - Photoionization Detector
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NA - Not Applicable
NM - Not Measured

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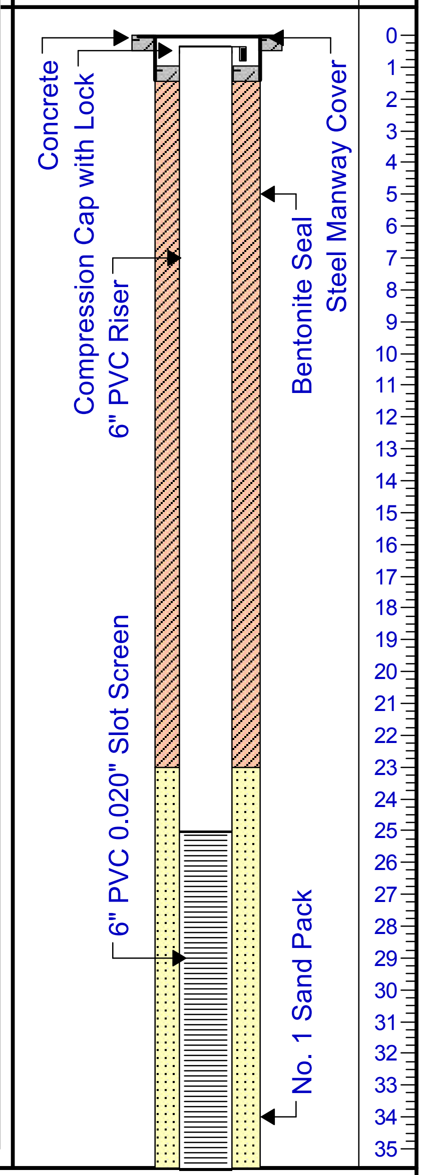
BORING LOG
Well No. MW-110

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Bob Buehler
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 28, 2006
End Date: March 28, 2006
Total Hole Depth: 60 feet
Hole Diameter: 12 inches
Depth to Bedrock: 50 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
0		Ground Surface						0
0–8		Lithology not recorded						
8–20		Reddish-brown dry SILT some clay and fine sand						
20–35		Brown dry SILT some clay and fine sand						35



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BORING LOG
Well No. MW-110

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Bob Buehler
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: March 28, 2006
End Date: March 28, 2006
Total Hole Depth: 60 feet
Hole Diameter: 12 inches
Depth to Bedrock: 50 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): Jamie Stapleton

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–50								36–50
50–60		BEDROCK						50–60
60–70		End of Borehole						60–70

Depth scale: 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

PID - Photoionization Detector
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NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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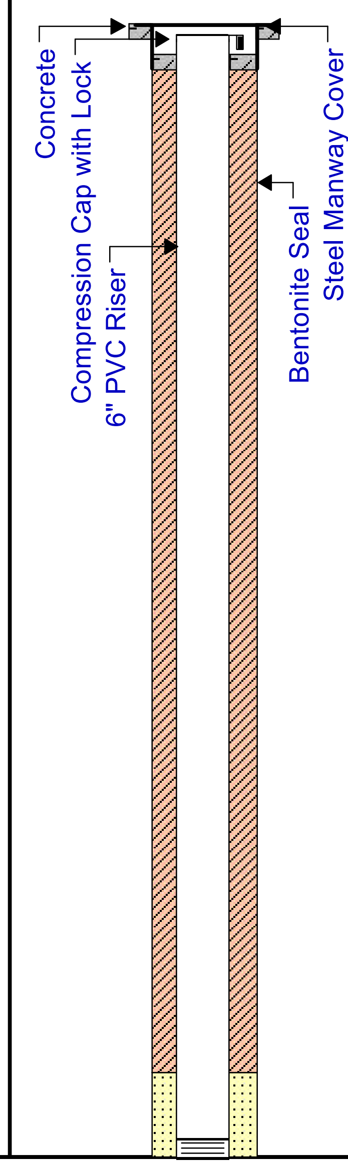
BORING LOG
Well No. MW-121

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Joe Griffin
Drill Rig Type: Shramm Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 1, 2006
End Date: April 1, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 31 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		Depth (feet)
0		Ground Surface						0
0–19		Brown dry SILT and fine SAND.				0.0 (10 ft)		0–19
19–31		Brown dry weathered SCHIST				0.0 (25 ft)		19–31
31–32		Brown dry SCHIST (bedrock)				0.0 (31 ft)		31–32
32–33		Gray dry SCHIST (bedrock)						32–33
33–35		Brown dry SCHIST (bedrock)				0.0 (35 ft)		33–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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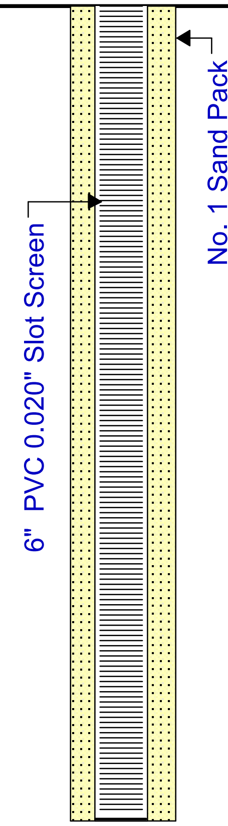
BORING LOG
Well No. MW-121

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
GSC|KA Project No: 60507606
Client: ExxonMobil Refining and Supply Company
Drilling Company: B.L. Myers
Driller: Joe Griffin
Drill Rig Type: Shramm Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 1, 2006
End Date: April 1, 2006
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 31 feet
Surface Elevation: NM
Water Level (Initial): NM
Water Level (Static): NM
Logged By (Geol.): KH

Permit No.:
License No.:
Checked By:
Notes: Hand-cleared to 8 feet below grade.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–45						0.0, 181, 692, 2.0		36–45
46		Gray dry SCHIST (bedrock)						46
47–55						1.5		47–55
56		Brown dry SCHIST (bedrock)				0.0		56
57		Gray dry SCHIST (bedrock)				0.0		57
60		End of Borehole						60
61–70								61–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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EXPECT MORE

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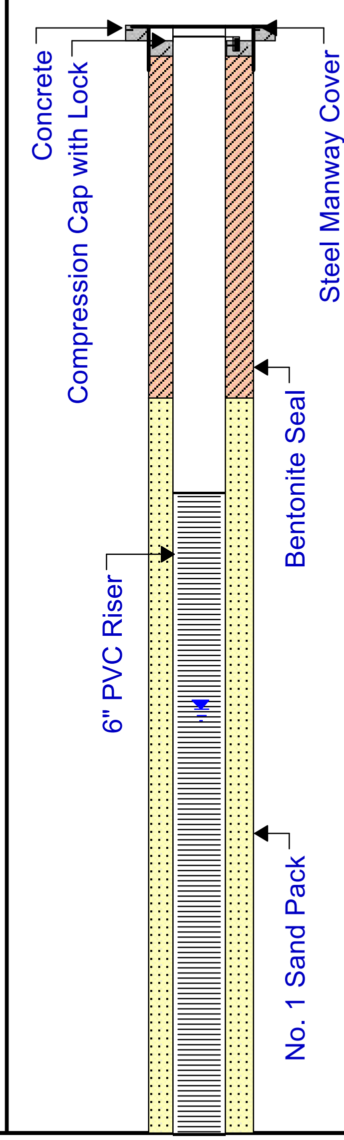
BORING LOG
Well No. MW-137

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
Kleinfelder Project No: 69112
Client: ExxonMobil
Drilling Company: B.L. Myers
Driller: Joe Griffin
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 19, 2006
End Date: April 19, 2006
Total Hole Depth: 45 feet
Hole Diameter: 10 inches
Depth to Bedrock: 13 feet
Well Diameter: 6 inches
Water Level (Initial): 22 feet
Screen Length: 30 feet
TOC Elevation: 563.56

Logged By (Geol.): Steven Treschow
Permit No.: BA-95-1302
Checked By: E. Henry
Notes: Hand cleared using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
		Ground Surface						
0–6		Reddish-brown, moist clayey, sandy SILT, some mica (1-4mm)						0–6
6–13		Reddish-brown, moist, highly weathered SAPROLITIC SCHIST, some mica (1-4mm)						6–13
13–35		Reddish-brown, moist to wet SAPROLITIC SCHIST BEDROCK (competent), some mica (2-4mm). Fractures at 22' and 24'				1.2 1.6 2.2		13–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

KLEINFELDER
EXPECT MORE

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BORING LOG
Well No. MW-137

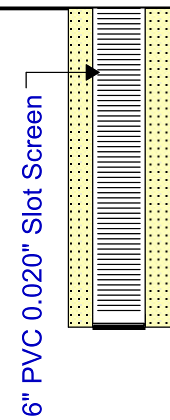
Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
Kleinfelder Project No: 69112
Client: ExxonMobil
Drilling Company: B.L. Myers
Driller: Joe Griffin
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 19, 2006
End Date: April 19, 2006
Total Hole Depth: 45 feet
Hole Diameter: 10 inches
Depth to Bedrock: 13 feet
Well Diameter: 6 inches
Water Level (Initial): 22 feet
Screen Length: 30 feet
TOC Elevation: 563.56

Logged By (Geol.): Steven Treschow
Permit No.: BA-95-1302
Checked By: E. Henry
Notes: Hand cleared using air knife and vacuum

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
36–37		Gray, moist to wet MUSCOVITE SCHIST BEDROCK, some mica (1-2mm)						36–37
37–45		Brown, moist to wet SAPROLITIC SCHIST, some mica (1-4mm)						37–45
45		End of Borehole						45

Depth scale: 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70



PID - Photoionization Detector
MU - Meter Units
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NM - Not Measured

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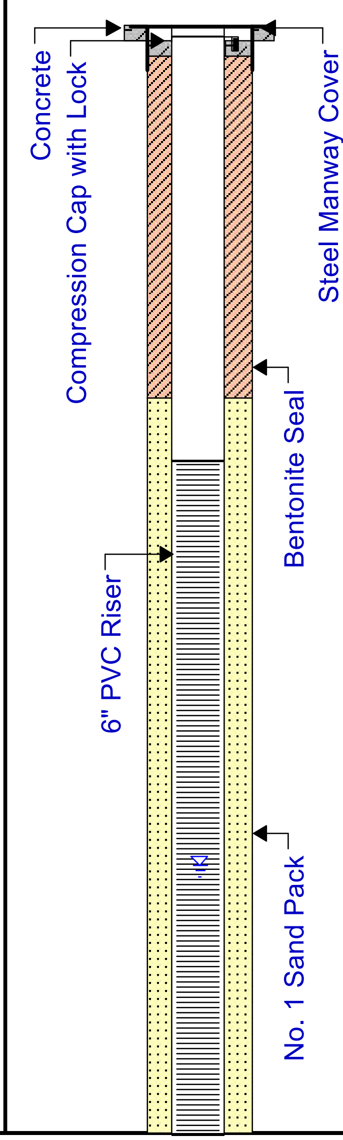
BORING LOG
Well No. MW-138

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
Kleinfelder Project No: 69112
Client: ExxonMobil
Drilling Company: B.L. Myers
Driller: Joe Griffin
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 19, 2006
End Date: April 19, 2006
Total Hole Depth: 45 feet
Hole Diameter: 10 inches
Depth to Bedrock: 31 feet
Well Diameter: 6 inches
Water Level (Initial): 27 feet
Screen Length: 30 feet
TOC Elevation: 570.58

Logged By (Geol.): Steven Treschow
Permit No.: BA-95-1303
Checked By: E. Henry
Notes: Hand cleared using air knife and vacuum
Bore hole collapse from 44-45'

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
0		Ground Surface						0
0–9		Reddish-brown, moist clayey, sandy SILT, some mica (1-4mm)						0–9
9–19		Reddish-brown, moist, highly weathered SAPROLITIC SCHIST, some mica (1-4mm)						9–19
19–31		Brown, moist to wet SAPROLITIC SCHIST (weathered), some mica (1-4mm). Possible fracture/Water at 27' bgs.				1.2 (21.5); 1.6 (23); 2.2 (24.5)		19–31
31–35		Gray, moist to wet MUSCOVITE SCHIST BEDROCK (competent), some mica (1-2mm)						31–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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EXPECT MORE

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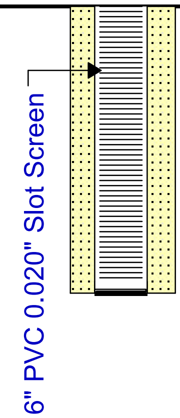
BORING LOG
Well No. MW-138

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
Kleinfelder Project No: 69112
Client: ExxonMobil
Drilling Company: B.L. Myers
Driller: Joe Griffin
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: April 19, 2006
End Date: April 19, 2006
Total Hole Depth: 45 feet
Hole Diameter: 10 inches
Depth to Bedrock: 31 feet
Well Diameter: 6 inches
Water Level (Initial): 27 feet
Screen Length: 30 feet
TOC Elevation: 570.58

Logged By (Geol.): Steven Treschow
Permit No.: BA-95-1303
Checked By: E. Henry
Notes: Hand cleared using air knife and vacuum
Bore hole collapse from 44-45'

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–42								36–42
42–44		Reddish-brown, moist to wet SAPROLITIC SCHIST, some mica (1-4mm). Fracture at 44'.						42–44
45		End of Borehole						45
46–70								46–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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EXPECT MORE

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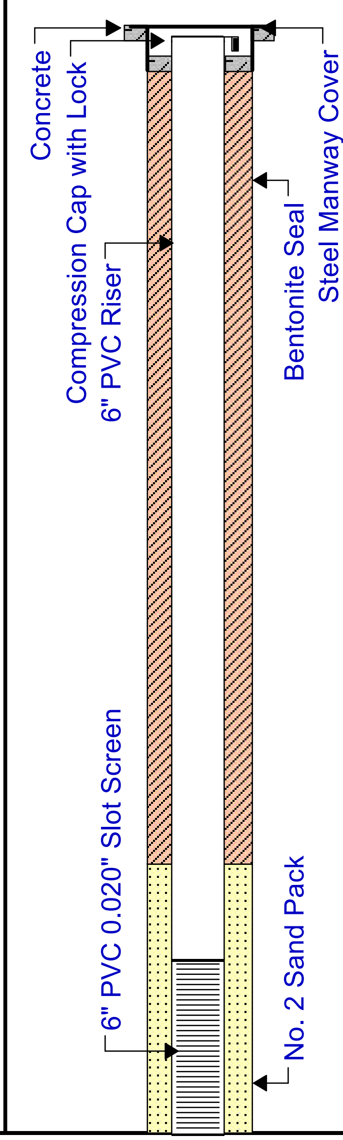
BORING LOG
Well No. MW-142

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
Kleinfelder Project No: 69112
Client: ExxonMobil
Drilling Company: B.L. Myers
Driller: Paul Flynn
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: May 1, 2006
End Date: May 1, 2006
Total Hole Depth: 65 feet
Hole Diameter: 10 inches
Depth to Bedrock: 52 feet
Well Diameter: 6 inches
Water Level (Initial): 40 feet
Screen Length: 35 feet
TOC Elevation: 583.87

Logged By (Geol.): Darrin Hasham
Permit No.: BA-95-1337
Checked By: E. Henry
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
		Ground Surface						
0–35		Brown moist fine to medium SAND with clay, trace mica (medium dense).						0–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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BORING LOG
Well No. MW-142

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
Kleinfelder Project No: 69112
Client: ExxonMobil
Drilling Company: B.L. Myers
Driller: Paul Flynn
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: May 1, 2006
End Date: May 1, 2006
Total Hole Depth: 65 feet
Hole Diameter: 10 inches
Depth to Bedrock: 52 feet
Well Diameter: 6 inches
Water Level (Initial): 40 feet
Screen Length: 35 feet
TOC Elevation: 583.87

Logged By (Geol.): Darrin Hasham
Permit No.: BA-95-1337
Checked By: E. Henry
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–40		Brown wet fine to medium SAND with clay, trace mica (medium dense)						36–40
40–45		Brown saturated fine to medium SAND with clay, trace mica (medium dense)						40–45
45–52		Brown SCHIST (highly weathered)						45–52
52–65		Gray SCHIST (competent)						52–65
65–70		End of Borehole						65–70

PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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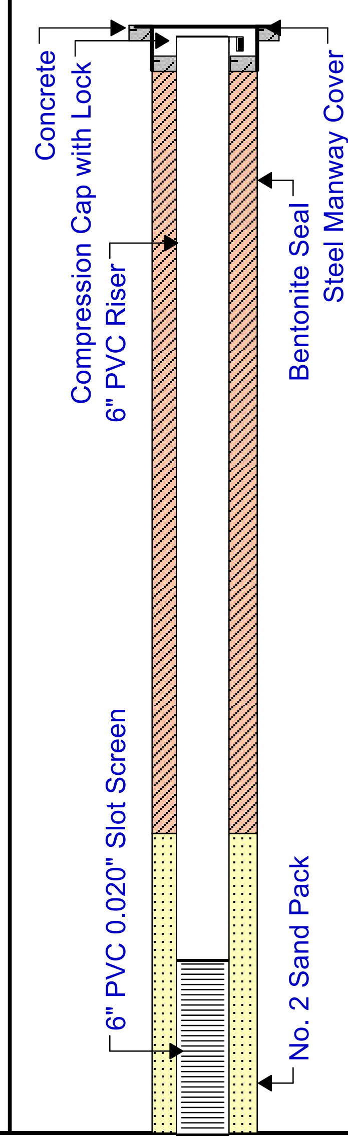
BORING LOG
Well No. MW-143

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
Kleinfelder Project No: 69112
Client: ExxonMobil
Drilling Company: B.L. Myers
Driller: Paul Flynn
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: May 1, 2006
End Date: May 1, 2006
Total Hole Depth: 65 feet
Hole Diameter: 10 inches
Depth to Bedrock: 38 feet
Well Diameter: 6 inches
Water Level (Initial): NM
Screen Length: 35 feet
TOC Elevation: 584.39

Logged By (Geol.): Darrin Hasham
Permit No.: BA-95-1338
Checked By: E. Henry
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	Depth (feet)
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000		
		Ground Surface						
0–25		Soil						0–25
25–35		SCHIST (highly weathered)						25–35



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
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NM - Not Measured

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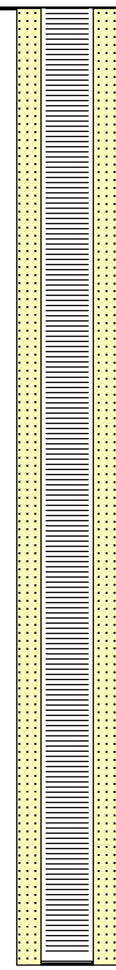
BORING LOG
Well No. MW-143

Project Name: Exxon #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, MD
Kleinfelder Project No: 69112
Client: ExxonMobil
Drilling Company: B.L. Myers
Driller: Paul Flynn
Drill Rig Type: Air Rotary
Drilling Method: Air Rotary
Sampling Method: NS

Start Date: May 1, 2006
End Date: May 1, 2006
Total Hole Depth: 65 feet
Hole Diameter: 10 inches
Depth to Bedrock: 38 feet
Well Diameter: 6 inches
Water Level (Initial): NM
Screen Length: 35 feet
TOC Elevation: 584.39

Logged By (Geol.): Darrin Hasham
Permit No.: BA-95-1338
Checked By: E. Henry
Notes: Hand cleared using air knife and vacuum.

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (MU) 0 2500 5000	Well Completion Details	Depth (feet)
36–38								36–38
38–65		SCHIST (competent bedrock)						38–65
65–70		End of Borehole						65–70



PID - Photoionization Detector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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DRILLING LOG

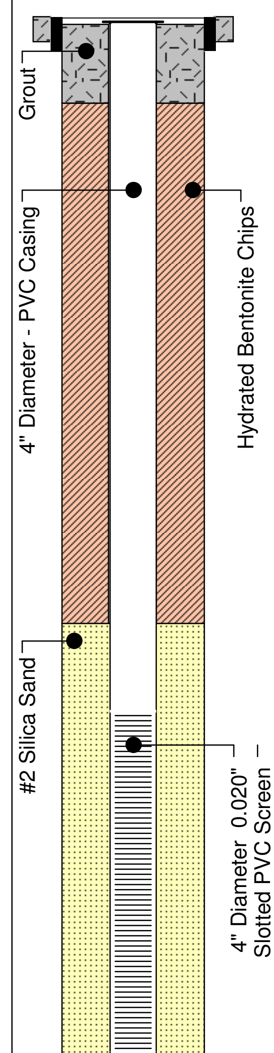
Well No. MW-166A

Project Name:	***Exxon Facility 2-8077***	***Start Date:***	***11-2-07***
Site Location:	***14250 Jarrettsville Pike, Jacksonville, MD***	***End Date:***	***11-2-07***
Project No:	***88407***	***Total Hole Depth:***	***60'***
Client:	***Exxon Mobil Corporation***	***Hole Diameter:***	***8"***
Drilling Company:	***BL Myers Bros.***	***Depth to Bedrock:***	***42'***
Driller:	***Matt Disley***	***Well Diameter:***	***4"***
Drill Rig Type:	***IR T3W***	***Water Level (Initial):***	
Drilling Method:	***Air Rotary***	***Screen Length:***	***20'***
Sampling Method:	***Grab Sample***	***TOC Elevation:***	

Logged By: ***AKK***
Permit No.: ***BA-95-2066***
Checked By: ***EW***
Notes:

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Recovery (ft)	PID Headspace (ppm)
		GROUND SURFACE				
0.0		SM-Silty Sand, fine grained, light brown, micaceous	MW-166A (2')			
			MW-166A (4')			
5.0		SM-Silty Sand, fine grained, brown-green, saprolitic	MW-166A (6')			
		SM-Silty Sand, fine grained, dark brown, saprolitic	MW-166A (8')			
10.0						
15.0		Harder material, light brown				
20.0						
25.0		Fracture				
30.0		Transition from light brown material to gray material				
35.0						
40.0						
45.0		RK-Bedrock, gray, harder material				
50.0		Moist				
55.0						
60.0						

Well Completion Details



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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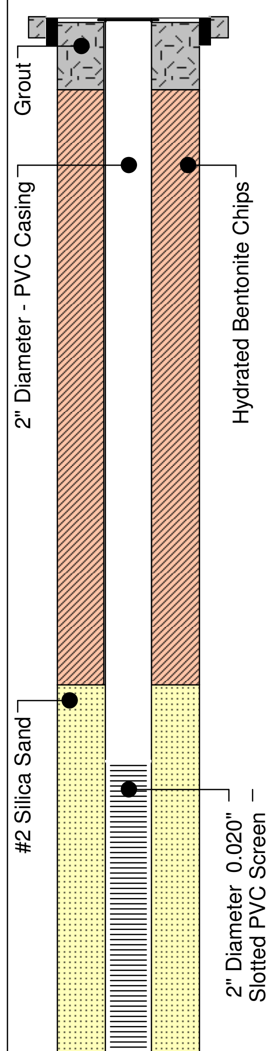
DRILLING LOG

Well No. MW-166B (MDE-9B)

Project Name:	***Exxon Facility 2-8077***	***Start Date:***	***11-2-07***	***Logged By:***	***TM***
Site Location:	***14250 Jarrettsville Pike, Jacksonville, MD***	***End Date:***	***11-2-07***	***Permit No.:***	***BA-95-2065***
Project No:	***88407***	***Total Hole Depth:***	***70'***	***Checked By:***	***EW***
Client:	***Exxon Mobil Corporation***	***Hole Diameter:***	***8"***	***Notes:***	
Drilling Company:	***BL Myers Bros.***	***Depth to Bedrock:***	***42'***		
Driller:	***Matt Disley***	***Well Diameter:***	***2"***		
Drill Rig Type:	***IR T3W***	***Water Level (Initial):***	***36'***		
Drilling Method:	***Air Rotary***	***Screen Length:***	***20'***		
Sampling Method:	***Grab Sample***	***TOC Elevation:***	***589.43'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Recovery (ft)	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		GROUND SURFACE						
0.0		SM Silty Sand, brown, moist, stiff						0.0
10.0		Very stiff material						10.0
30.0		Hard, light, brown						30.0
42.0		RK-Bedrock Grey, micaceous schistt						
48.0		Very hard material						
70.0								70.0

Depth scale: 0.0, 5.0, 10.0, 15.0, 20.0, 25.0, 30.0, 35.0, 40.0, 45.0, 50.0, 55.0, 60.0, 65.0, 70.0



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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BORING LOG
Well No. MW-167

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***	***Permit No.:***	***BA-95-2813***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***38 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***42.8 inches***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***30 feet***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.00'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
0.0		GROUND SURFACE				0.0
		SM Silty SAND, reddish-brown, moist, fine grained, micaceous	1	0.0	6" Diameter - PVC Casing	
5.0			2	0.0		5.0
			3	0.0		
10.0		**SM** Silty SAND, reddish-brown, moist, fine grained, increased mica content	4	0.4		10.0
15.0						15.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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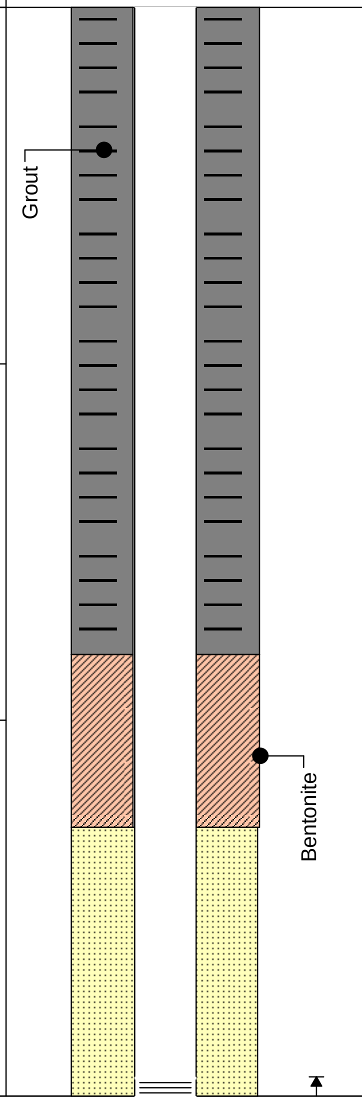
BORING LOG
Well No. MW-167

Project Name:	*Inactive Exxon Facility # 28077*	**Start Date:**	*3-4-09*	**Logged By:**	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	**End Date:**	*3-5-09*	**Permit No.:**	*BA-95-2813*
Project No:	*100891*	**Total Hole Depth:**	*60 feet*	**Checked By:**	*J. Hale*
Client:	*ExxonMobil*	**Hole Diameter:**	*10 inches*	**Notes:**	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	**Depth to Bedrock:**	*38 feet*		
Driller:	*Troy T.*	**Well Diameter:**	*6 inches*		
Drill Rig Type:	*Schram T450WS*	**Water Level (Initial):**	*42.8 inches*		
Drilling Method:	*Air Hammer*	**Screen Length:**	*30 feet*		
Sampling Method:	*Grab*	**TOC Elevation:**	*581.00'*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		SM Silty SAND, reddish-brown, moist, fine grained, increased mica content	5	0.6	Grout	
20.0			6	1.7		20.0
25.0			7	3.3	Bentonite	25.0
30.0						30.0



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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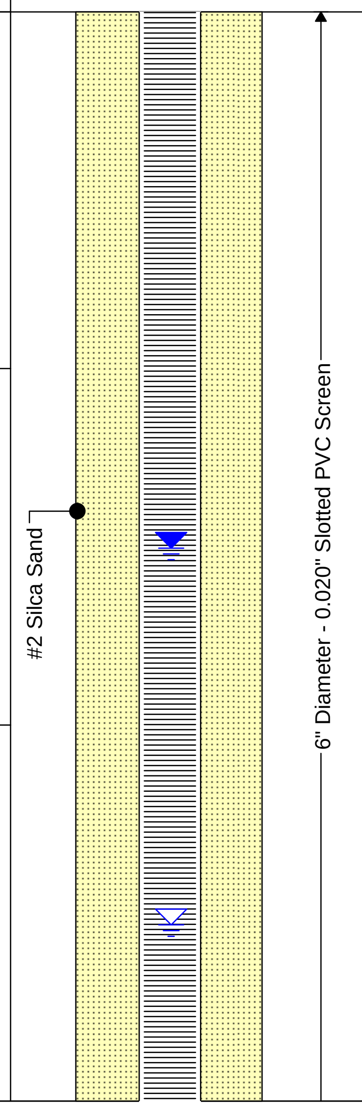
BORING LOG
Well No. MW-167

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***	***Permit No.:***	***BA-95-2813***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***38 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***42.8 inches***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***30 feet***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.00'***		

Depth (feet)	Soil/Geologic Description	Sample ID	PID Headspace (ppm)
	SM Silty SAND, reddish-brown, moist, fine grained, increased mica content	8	4.2
35.0	**SM** Silty SAND, reddish-brown to dark brown, moist, fine grained, micaceous	9	2.7
	BR Schist		
40.0		10	5.2
45.0			

Well Completion Details



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-167

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***	***Permit No.:***	***BA-95-2813***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***38 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***42.8 inches***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***30 feet***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.00'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist	11	0.7		
50.0						50.0
			12	1.9		
55.0						55.0
			13	3.8		
			14	8.7		
60.0						60.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

HA - Hand Auger Sample
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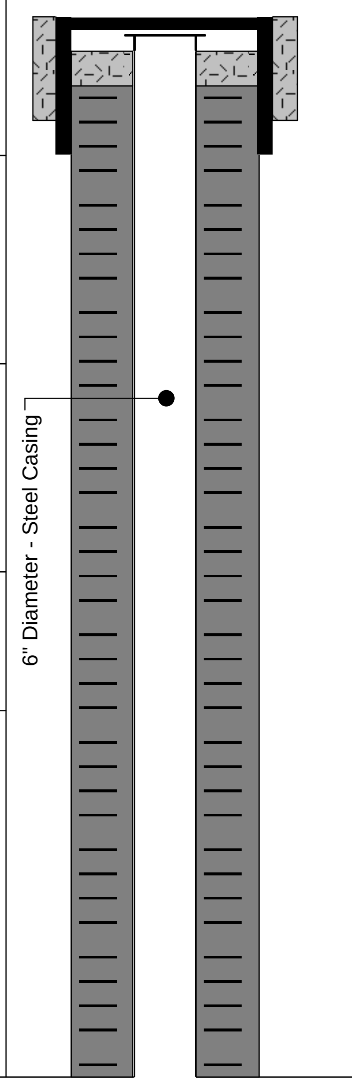
BORING LOG
Well No. MW-168

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***40 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***74 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***Open Hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.60'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
0.0		GROUND SURFACE				0.0
	ML	**ML** Sandy SILT, reddish-brown, moist, fine grained, micaceous	1	0.0		
5.0	SM	**SM** Silty SAND, reddish-brown, moist, fine grained, increased mica content	2	0.0		5.0
			3	0.0		
10.0						10.0
			4	0.4		
15.0						15.0



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
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BORING LOG
Well No. MW-168

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***40 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***74 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***Open Hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.60'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		SM Silty SAND, brown, moist, fine grained, increased mica content	5	0.6		
20.0			6	1.7		20.0
25.0			7	3.3		25.0
30.0						30.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

- Water Level Subsequent Measurement

HA - Hand Auger Sample
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BORING LOG
Well No. MW-168

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*3-4-09*	*Logged By:*	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*3-5-09*	*Permit No.:*	*BA-95-2812*
Project No:	*100891*	*Total Hole Depth:*	*60 feet*	*Checked By:*	*J. Hale*
Client:	*ExxonMobil*	*Hole Diameter:*	*10 inches*	*Notes:*	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*40 feet*		
Driller:	*Troy T.*	*Well Diameter:*	*6 inches*		
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*74 feet*		
Drilling Method:	*Air Hammer*	*Screen Length:*	*Open Hole*		
Sampling Method:	*Grab*	*TOC Elevation:*	*581.60'*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		SM Silty SAND, light brown, moist, fine grained, increased mica content	8	4.2		
35.0		**SM** Silty SAND, dark brown, moist, fine grained, increased mica content	9	2.7		35.0
40.0		**BR** Schist	10	5.2		40.0
45.0						45.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-168

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*3-4-09*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*3-5-09*
Project No:	*100891*	*Total Hole Depth:*	*60 feet*
Client:	*ExxonMobil*	*Hole Diameter:*	*10 inches*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*40 feet*
Driller:	*Troy T.*	*Well Diameter:*	*6 inches*
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*74 feet*
Drilling Method:	*Air Hammer*	*Screen Length:*	*Open Hole*
Sampling Method:	*Grab*	*TOC Elevation:*	*581.60'*

Logged By:	*Ray Montero*
Permit No.:	*BA-95-2812*
Checked By:	*J. Hale*
Notes:	*Airknifed to 8' bgs*

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
			11	0.7		
50.0					Grout	50.0
			12	1.9		
55.0		**BR** Schist, slightly darker gray				55.0
			13	3.8		
			14	8.7		
60.0						60.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-168

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*3-4-09*	*Logged By:*	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*3-5-09*	*Permit No.:*	*BA-95-2812*
Project No:	*100891*	*Total Hole Depth:*	*60 feet*	*Checked By:*	*J. Hale*
Client:	*ExxonMobil*	*Hole Diameter:*	*10 inches*	*Notes:*	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*40 feet*		
Driller:	*Troy T.*	*Well Diameter:*	*6 inches*		
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*74 feet*		
Drilling Method:	*Air Hammer*	*Screen Length:*	*Open Hole*		
Sampling Method:	*Grab*	*TOC Elevation:*	*581.60'*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
65.0		**BR** Schist, dark gray			6" Diameter - Open Hole	65.0
70.0						70.0
		Possible fracture zone				
75.0						75.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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GS - Grab Sample
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BORING LOG
Well No. MW-168

Project Name:	**Inactive Exxon Facility # 28077**	**Start Date:**	**3-4-09**	**Logged By:**	**Ray Montero**
Site Location:	**3501 Hampshire Glen Court, Phoenix, MD**	**End Date:**	**3-5-09**	**Permit No.:**	**BA-95-2812**
Project No:	**100891**	**Total Hole Depth:**	**60 feet**	**Checked By:**	**J. Hale**
Client:	**ExxonMobil**	**Hole Diameter:**	**10 inches**	**Notes:**	**Airknifed to 8' bgs**
Drilling Company:	**Eichelberger**	**Depth to Bedrock:**	**40 feet**		
Driller:	**Troy T.**	**Well Diameter:**	**6 inches**		
Drill Rig Type:	**Schram T450WS**	**Water Level (Initial):**	**74 feet**		
Drilling Method:	**Air Hammer**	**Screen Length:**	**Open Hole**		
Sampling Method:	**Grab**	**TOC Elevation:**	**581.60'**		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray				
80.0						80.0
85.0						85.0
90.0						90.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

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BORING LOG
Well No. MW-168

Project Name:	Inactive Exxon Facility # 28077	**Start Date:**	3-4-09	**Logged By:**	Ray Montero
Site Location:	3501 Hampshire Glen Court, Phoenix, MD	**End Date:**	3-5-09	**Permit No.:**	BA-95-2812
Project No:	100891	**Total Hole Depth:**	60 feet	**Checked By:**	J. Hale
Client:	ExxonMobil	**Hole Diameter:**	10 inches	**Notes:**	Airknifed to 8' bgs
Drilling Company:	Eichelberger	**Depth to Bedrock:**	40 feet		
Driller:	Troy T.	**Well Diameter:**	6 inches		
Drill Rig Type:	Schram T450WS	**Water Level (Initial):**	74 feet		
Drilling Method:	Air Hammer	**Screen Length:**	Open Hole		
Sampling Method:	Grab	**TOC Elevation:**	581.60'		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray				
95.0						95.0
100.0						100.0
105.0						105.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

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BORING LOG
Well No. MW-168

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***40 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***74 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***Open Hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.60'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray				
110.0						110.0
115.0						115.0
120.0						120.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-168

Project Name:	**Inactive Exxon Facility # 28077**	**Start Date:**	**3-4-09**
Site Location:	**3501 Hampshire Glen Court, Phoenix, MD**	**End Date:**	**3-5-09**
Project No:	**100891**	**Total Hole Depth:**	**60 feet**
Client:	**ExxonMobil**	**Hole Diameter:**	**10 inches**
Drilling Company:	**Eichelberger**	**Depth to Bedrock:**	**40 feet**
Driller:	**Troy T.**	**Well Diameter:**	**6 inches**
Drill Rig Type:	**Schram T450WS**	**Water Level (Initial):**	**74 feet**
Drilling Method:	**Air Hammer**	**Screen Length:**	**Open Hole**
Sampling Method:	**Grab**	**TOC Elevation:**	**581.60'**

Logged By:	**Ray Montero**
Permit No.:	**BA-95-2812**
Checked By:	**J. Hale**
Notes:	**Airknifed to 8' bgs**

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray				
125.0						125.0
130.0						130.0
		Possible fracture zone				
135.0						135.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

- Water Level Subsequent Measurement

HA - Hand Auger Sample
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GS - Grab Sample
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BORING LOG
Well No. MW-168

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***40 feet***
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***74 feet***
Drilling Method:	***Air Hammer***	***Screen Length:***	***Open Hole***
Sampling Method:	***Grab***	***TOC Elevation:***	***581.60'***

Logged By: ***Ray Montero***
Permit No.: ***BA-95-2812***
Checked By: ***J. Hale***
Notes: ***Airknifed to 8' bgs***

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray				
140.0		**BR** Schist, reddish-gray				140.0
145.0		**BR** Schist, dark gray				145.0
150.0						150.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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(410) 850-0404

BORING LOG
Well No. MW-168

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*3-4-09*	*Logged By:*	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*3-5-09*	*Permit No.:*	*BA-95-2812*
Project No:	*100891*	*Total Hole Depth:*	*60 feet*	*Checked By:*	*J. Hale*
Client:	*ExxonMobil*	*Hole Diameter:*	*10 inches*	*Notes:*	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*40 feet*		
Driller:	*Troy T.*	*Well Diameter:*	*6 inches*		
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*74 feet*		
Drilling Method:	*Air Hammer*	*Screen Length:*	*Open Hole*		
Sampling Method:	*Grab*	*TOC Elevation:*	*581.60'*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
155.0		**BR** Schist, dark gray, possibly weathered				155.0
160.0						160.0
165.0						165.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

- Water Level Subsequent Measurement

HA - Hand Auger Sample
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GS - Grab Sample
C - Macrocore Sleeve

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BORING LOG
Well No. MW-168

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*3-4-09*		*Logged By:*	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*3-5-09*		*Permit No.:*	*BA-95-2812*
Project No:	*100891*	*Total Hole Depth:*	*60 feet*		*Checked By:*	*J. Hale*
Client:	*ExxonMobil*	*Hole Diameter:*	*10 inches*		*Notes:*	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*40 feet*			
Driller:	*Troy T.*	*Well Diameter:*	*6 inches*			
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*74 feet*			
Drilling Method:	*Air Hammer*	*Screen Length:*	*Open Hole*			
Sampling Method:	*Grab*	*TOC Elevation:*	*581.60'*			

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		Fracture zone **BR** Schist, dark gray, micaceous				
170.0		**BR** Schist				170.0
175.0						175.0
180.0						180.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

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BORING LOG
Well No. MW-168

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***40 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***74 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***Open Hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.60'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray				
185.0						185.0
190.0						190.0
195.0						195.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

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- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-168

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***40 feet***
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***74 feet***
Drilling Method:	***Air Hammer***	***Screen Length:***	***Open Hole***
Sampling Method:	***Grab***	***TOC Elevation:***	***581.60'***

Logged By:	***Ray Montero***
Permit No.:	***BA-95-2812***
Checked By:	***J. Hale***
Notes:	***Airknifed to 8' bgs***

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, gray				
200.0		**BR** Schist				200.0
205.0						205.0
210.0						210.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-168

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***40 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***74 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***Open Hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.60'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist				
215.0						215.0
220.0						220.0
225.0						225.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement

- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-168

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***3-4-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***3-5-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***60 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***10 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***40 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***6 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***74 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***Open Hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.60'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist				
230.0						230.0
		Possible fracture zone				
235.0						235.0
240.0						240.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-168

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*3-4-09*	*Logged By:*	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*3-5-09*	*Permit No.:*	*BA-95-2812*
Project No:	*100891*	*Total Hole Depth:*	*60 feet*	*Checked By:*	*J. Hale*
Client:	*ExxonMobil*	*Hole Diameter:*	*10 inches*	*Notes:*	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*40 feet*		
Driller:	*Troy T.*	*Well Diameter:*	*6 inches*		
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*74 feet*		
Drilling Method:	*Air Hammer*	*Screen Length:*	*Open Hole*		
Sampling Method:	*Grab*	*TOC Elevation:*	*581.60'*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
245.0		**BR** Schist, increased sand				245.0
250.0						250.0
255.0						255.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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C - Macrocore Sleeve

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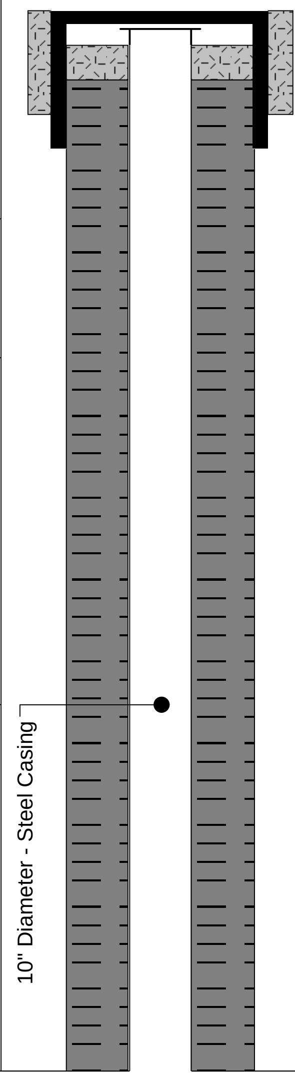
BORING LOG
Well No. MW-169

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*5-7-09*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*5-12-09*
Project No:	*100891*	*Total Hole Depth:*	*155 feet*
Client:	*ExxonMobil*	*Hole Diameter:*	*15 inches*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*34 feet*
Driller:	*Troy T.*	*Well Diameter:*	*10 inches*
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*68 feet*
Drilling Method:	*Air Hammer*	*Screen Length:*	*open hole*
Sampling Method:	*Grab*	*TOC Elevation:*	*581.51'*

Logged By:	*Ray Montero*
Permit No.:	*BA-95-2812*
Checked By:	*J. Hale*
Notes:	*Airknifed to 8' bgs*

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		GROUND SURFACE				
0.0		**SM** Silty SAND, brown, moist, fine-medium grained,some mica, trace gravel	1	0.1		0.0
		Boulder on sidewall @ approximately 4'	2	0.2		
5.0			3	0.7		5.0
10.0		**SM** Silty SAND, dark brown, moist, fine-medium grained, increased mica content	4	0.5		10.0
15.0						15.0



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

HA - Hand Auger Sample
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BORING LOG
Well No. MW-169

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-12-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***155 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***34 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***68 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.51'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		SM Silty SAND, dark brown, moist, fine-medium grained, mica, trace gravel	5	0.0		
20.0		**SM** Silty SAND, dark brown, moist, fine-medium grained, mica, trace gravel	6	0.0		20.0
25.0		**SM** Silty SAND, dark brown, moist, fine-medium grained, mica, trace gravel	7	0.1		25.0
30.0						30.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-169

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-12-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***155 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***34 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***68 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.51'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		SM Silty SAND, dark brown, moist, fine-medium grained, mica, trace gravel	8	0.0		
		Bedrock begins at 34' - Saprolite/Schist, grey	9	0.1	Grout	
35.0		**BR** Saprolite schist, gray	10	0.1		35.0
		Steel casing to 39.5' bgs				
40.0		**BR** Schist, Brown	11	0.0	10" Diameter - Open Hole	40.0
45.0						45.0

PID - Photoionization Detector
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NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-169

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-12-09***
Project No:	***100891***	***Total Hole Depth:***	***155 feet***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***34 feet***
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***68 feet***
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***
Sampling Method:	***Grab***	***TOC Elevation:***	***581.51'***

Logged By:	***Ray Montero***
Permit No.:	***BA-95-2812***
Checked By:	***J. Hale***
Notes:	***Airknifed to 8' bgs***

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, gray, medium-course grained, some mica	12	0.0		
50.0		**BR** Schist, grey, fine grained, no mica	13	0.0		50.0
55.0		**BR** Schist, gray, fine-medium grained, some mica, quartz	14	0.0		55.0
60.0						60.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

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BORING LOG
Well No. MW-169

Project Name:	Inactive Exxon Facility # 28077	**Start Date:**	5-7-09
Site Location:	3501 Hampshire Glen Court, Phoenix, MD	**End Date:**	5-12-09
Project No:	100891	**Total Hole Depth:**	155 feet
Client:	ExxonMobil	**Hole Diameter:**	15 inches
Drilling Company:	Eichelberger	**Depth to Bedrock:**	34 feet
Driller:	Troy T.	**Well Diameter:**	10 inches
Drill Rig Type:	Schram T450WS	**Water Level (Initial):**	68 feet
Drilling Method:	Air Hammer	**Screen Length:**	open hole
Sampling Method:	Grab	**TOC Elevation:**	581.51'

Logged By:	Ray Montero
Permit No.:	BA-95-2812
Checked By:	J. Hale
Notes:	Airknifed to 8' bgs

Depth (feet)	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details
60.0–65.0	**BR** Schist, gray, decreased grain size, decreased mica content	15	0.0	10" Diameter - Open Hole
65.0–70.0	**BR** Schist, gray, fine grain, trace mica; Possible fracture - water	16	0.0	
70.0–75.0	**BR** Schist, gray, fine-medium grain, trace mica	17	0.0	

Depth scale: 65.0, 70.0, 75.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

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BORING LOG
Well No. MW-169

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-12-09***
Project No:	***100891***	***Total Hole Depth:***	***155 feet***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***34 feet***
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***68 feet***
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***
Sampling Method:	***Grab***	***TOC Elevation:***	***581.51'***

Logged By:	***Ray Montero***
Permit No.:	***BA-95-2812***
Checked By:	***J. Hale***
Notes:	***Airknifed to 8' bgs***

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray, fine-medium grain, trace mica	18	0.0		
80.0		**BR** Schist, dark gray, fine-medium grain, trace mica	19	0.0		80.0
85.0		**BR** Schist, dark gray, fine-medium grain, trace mica	20	0.0		85.0
90.0						90.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
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BORING LOG
Well No. MW-169

Project Name:	*Inactive Exxon Facility # 28077*	**Start Date:**	*5-7-09*	**Logged By:**	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	**End Date:**	*5-12-09*	**Permit No.:**	*BA-95-2812*
Project No:	*100891*	**Total Hole Depth:**	*155 feet*	**Checked By:**	*J. Hale*
Client:	*ExxonMobil*	**Hole Diameter:**	*15 inches*	**Notes:**	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	**Depth to Bedrock:**	*34 feet*		
Driller:	*Troy T.*	**Well Diameter:**	*10 inches*		
Drill Rig Type:	*Schram T450WS*	**Water Level (Initial):**	*68 feet*		
Drilling Method:	*Air Hammer*	**Screen Length:**	*open hole*		
Sampling Method:	*Grab*	**TOC Elevation:**	*581.51'*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray, fine-medium grain, trace mica	21	0.0		
95.0		**BR** Schist, dark gray, fine-medium grain, increased mica	22	0.0		95.0
100.0		**BR** Schist, dark gray, fine-medium grain, trace mica Possible fracture	23	0.0		100.0
105.0						105.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
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BORING LOG
Well No. MW-169

Project Name:	*Inactive Exxon Facility # 28077*	**Start Date:**	*5-7-09*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	**End Date:**	*5-12-09*
Project No:	*100891*	**Total Hole Depth:**	*155 feet*
Client:	*ExxonMobil*	**Hole Diameter:**	*15 inches*
Drilling Company:	*Eichelberger*	**Depth to Bedrock:**	*34 feet*
Driller:	*Troy T.*	**Well Diameter:**	*10 inches*
Drill Rig Type:	*Schram T450WS*	**Water Level (Initial):**	*68 feet*
Drilling Method:	*Air Hammer*	**Screen Length:**	*open hole*
Sampling Method:	*Grab*	**TOC Elevation:**	*581.51'*

Logged By:	*Ray Montero*
Permit No.:	*BA-95-2812*
Checked By:	*J. Hale*
Notes:	*Airknifed to 8' bgs*

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray, increased grain size and mica content	24	0.0		
110.0		**BR** Schist, dark gray, mica	25	0.0		110.0
115.0		**BR** Schist, dark gray, mica	26			115.0
120.0						120.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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BORING LOG
Well No. MW-169

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-12-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***155 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***34 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***68 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.51'***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray, medium-course grain, decreased mica content	27			
125.0		**BR** Schist, dark gray, medium-course grain, mica	28			125.0
130.0		**BR** Schist, dark gray, fine grain	29	0.0		130.0
135.0						135.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

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BORING LOG
Well No. MW-169

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*5-7-09*	*Logged By:*	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*5-12-09*	*Permit No.:*	*BA-95-2812*
Project No:	*100891*	*Total Hole Depth:*	*155 feet*	*Checked By:*	*J. Hale*
Client:	*ExxonMobil*	*Hole Diameter:*	*15 inches*	*Notes:*	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*34 feet*		
Driller:	*Troy T.*	*Well Diameter:*	*10 inches*		
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*68 feet*		
Drilling Method:	*Air Hammer*	*Screen Length:*	*open hole*		
Sampling Method:	*Grab*	*TOC Elevation:*	*581.51'*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray, fine grain	30	0.0		
140.0		**BR** Schist, dark gray, medium-course grain	31	0.0		140.0
145.0		**BR** Schist, dark gray, medium-course grain	32	0.0		145.0
150.0						150.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
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BORING LOG
Well No. MW-170

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-12-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***150 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***31 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***51 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.37***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		GROUND SURFACE				
0.0		**SM** Silty SAND, brown, moist, fine-medium grained,mica, trace gravel	1	0.2		0.0
		SM Silty SAND, reddish brown, moist, fine-medium grain, mica, trace gravel	2	0.2		
5.0		**SM** Silty SAND, reddish brown, moist, fine-medium grain, mica, trace gravel	3	0.6		5.0
10.0		**SM** Silty SAND, reddish brown, moist, fine-medium grain, mica	4	0.0	10" Diameter - Steel Casing	10.0
15.0						15.0

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ppm - Parts per million
NA - Not Applicable
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BORING LOG
Well No. MW-170

Project Name:	*Inactive Exxon Facility # 28077*	**Start Date:**	*5-7-09*	**Logged By:**	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	**End Date:**	*5-12-09*	**Permit No.:**	*BA-95-2812*
Project No:	*100891*	**Total Hole Depth:**	*150 feet*	**Checked By:**	*J. Hale*
Client:	*ExxonMobil*	**Hole Diameter:**	*15 inches*	**Notes:**	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	**Depth to Bedrock:**	*31 feet*		
Driller:	*Troy T.*	**Well Diameter:**	*10 inches*		
Drill Rig Type:	*Schram T450WS*	**Water Level (Initial):**	*51 feet*		
Drilling Method:	*Air Hammer*	**Screen Length:**	*open hole*		
Sampling Method:	*Grab*	**TOC Elevation:**	*581.37*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		SM Silty SAND, reddish brown, moist, fine-medium grain, mica	5	0.0		
20.0		**SM** Silty SAND, reddish brown, moist, fine-medium grain, mica	6	0.0	Grout	20.0
25.0		**SM** Silty SAND, reddish brown, moist, fine-medium grain, increased mica content	7	0.0		25.0
30.0						30.0

PID - Photoionization Detector
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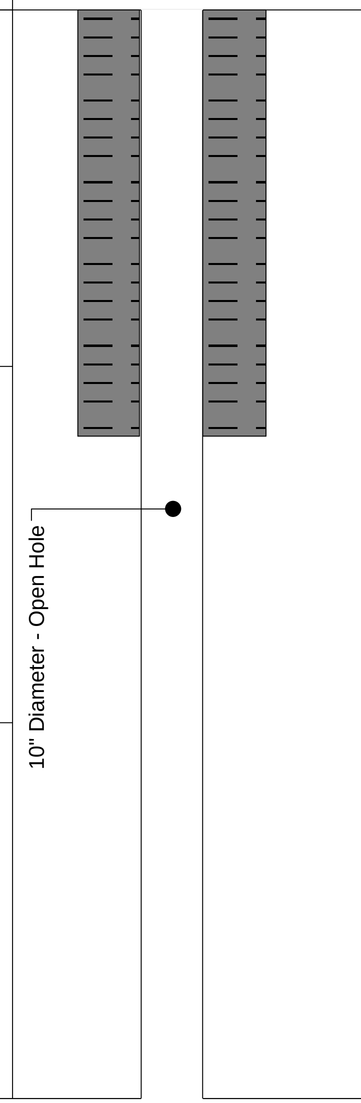
BORING LOG
Well No. MW-170

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-12-09***
Project No:	***100891***	***Total Hole Depth:***	***150 feet***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***31 feet***
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***51 feet***
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***
Sampling Method:	***Grab***	***TOC Elevation:***	***581.37*** 581.37

Logged By:	***Ray Montero***
Permit No.:	***BA-95-2812***
Checked By:	***J. Hale***
Notes:	***Airknifed to 8' bgs***

Depth (feet)	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Depth (feet)
	BR Bedrock @ 31' - Saprolite: brown, moist, weathered Schist, gray	8	0.0	
35.0	**BR** Schist, gray Steel casing set to 35' bgs	10	0.3	35.0
40.0	**BR** Schist,olive-brown Possible fracture	11	0.0	40.0
45.0				45.0

Well Completion Details



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BORING LOG
Well No. MW-170

Project Name:	**Inactive Exxon Facility # 28077**	**Start Date:**	**5-7-09**	**Logged By:**	**Ray Montero**
Site Location:	**3501 Hampshire Glen Court, Phoenix, MD**	**End Date:**	**5-12-09**	**Permit No.:**	**BA-95-2812**
Project No:	**100891**	**Total Hole Depth:**	**150 feet**	**Checked By:**	**J. Hale**
Client:	**ExxonMobil**	**Hole Diameter:**	**15 inches**	**Notes:**	**Airknifed to 8' bgs**
Drilling Company:	**Eichelberger**	**Depth to Bedrock:**	**31 feet**		
Driller:	**Troy T.**	**Well Diameter:**	**10 inches**		
Drill Rig Type:	**Schram T450WS**	**Water Level (Initial):**	**51 feet**		
Drilling Method:	**Air Hammer**	**Screen Length:**	**open hole**		
Sampling Method:	**Grab**	**TOC Elevation:**	**581.37**		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, gray, fine-medium grain, quartz, some mica	12	0.1		
		Possible fracture between 47'-51'				
50.0		**BR** Saprolite-brown, fine grain, trace quartz	13	0.0		50.0
		Possible fracture				
55.0		**BR** Saprolite-brown, fine grain, trace quartz	14	0.1		55.0
60.0						60.0

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Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-12-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***150 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***31 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***51 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.37***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, gray	15	0.1		
65.0		**BR** Schist, gray, fine grain, trace mica	16	0.3	10" Diameter - Open Hole	65.0
70.0		**BR** Schist,dark gray, slight increase in grain size	17	0.0		70.0
75.0						75.0

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Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-12-09***
Project No:	***100891***	***Total Hole Depth:***	***150 feet***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***31 feet***
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***51 feet***
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***
Sampling Method:	***Grab***	***TOC Elevation:***	***581.37***

Logged By:	***Ray Montero***
Permit No.:	***BA-95-2812***
Checked By:	***J. Hale***
Notes:	***Airknifed to 8' bgs***

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist,dark gray	18	0.0		
80.0		**BR** Schist,dark gray	19	0.0		80.0
85.0		**BR** Schist,dark gray	20	0.2		85.0
90.0						90.0

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BORING LOG
Well No. MW-170

Project Name:	Inactive Exxon Facility # 28077	**Start Date:**	5-7-09	**Logged By:**	Ray Montero
Site Location:	3501 Hampshire Glen Court, Phoenix, MD	**End Date:**	5-12-09	**Permit No.:**	BA-95-2812
Project No:	100891	**Total Hole Depth:**	150 feet	**Checked By:**	J. Hale
Client:	ExxonMobil	**Hole Diameter:**	15 inches	**Notes:**	Airknifed to 8' bgs
Drilling Company:	Eichelberger	**Depth to Bedrock:**	31 feet		
Driller:	Troy T.	**Well Diameter:**	10 inches		
Drill Rig Type:	Schram T450WS	**Water Level (Initial):**	51 feet		
Drilling Method:	Air Hammer	**Screen Length:**	open hole		
Sampling Method:	Grab	**TOC Elevation:**	581.37		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist,dark gray Possible fracture	21	0.2		
95.0		**BR** Schist,dark gray, fine grain	22	0.2		95.0
100.0		**BR** Schist,dark gray, fine grain	23	0.1		100.0
105.0						105.0

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Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*5-7-09*	*Logged By:*	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*5-12-09*	*Permit No.:*	*BA-95-2812*
Project No:	*100891*	*Total Hole Depth:*	*150 feet*	*Checked By:*	*J. Hale*
Client:	*ExxonMobil*	*Hole Diameter:*	*15 inches*	*Notes:*	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*31 feet*		
Driller:	*Troy T.*	*Well Diameter:*	*10 inches*		
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*51 feet*		
Drilling Method:	*Air Hammer*	*Screen Length:*	*open hole*		
Sampling Method:	*Grab*	*TOC Elevation:*	*581.37*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist,dark gray, fine grain	24	0.0		
110.0		**BR** Schist,dark gray, fine grain	25	0.2		110.0
115.0		**BR** Schist,dark gray, fine grain	26	0.1		115.0
120.0						120.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

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BORING LOG
Well No. MW-170

Project Name:	**Inactive Exxon Facility # 28077**	**Start Date:**	**5-7-09**	**Logged By:**	**Ray Montero**
Site Location:	**3501 Hampshire Glen Court, Phoenix, MD**	**End Date:**	**5-12-09**	**Permit No.:**	**BA-95-2812**
Project No:	**100891**	**Total Hole Depth:**	**150 feet**	**Checked By:**	**J. Hale**
Client:	**ExxonMobil**	**Hole Diameter:**	**15 inches**	**Notes:**	**Airknifed to 8' bgs**
Drilling Company:	**Eichelberger**	**Depth to Bedrock:**	**31 feet**		
Driller:	**Troy T.**	**Well Diameter:**	**10 inches**		
Drill Rig Type:	**Schram T450WS**	**Water Level (Initial):**	**51 feet**		
Drilling Method:	**Air Hammer**	**Screen Length:**	**open hole**		
Sampling Method:	**Grab**	**TOC Elevation:**	**581.37**		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist,dark gray, fine grain	27	0.1		
125.0		**BR** Schist,dark gray, fine grain	28	0.0		125.0
130.0		**BR** Schist,dark gray, fine grain	29			130.0
135.0						135.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
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BORING LOG
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Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-12-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***150 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***31 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***51 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.37***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, gray, wet, medium-course grain quartz	30			
140.0		**BR** Schist, gray, wet, increase course grain	31			140.0
145.0		**BR** Schist, gray, wet, medium-course grain quartz	32			145.0
150.0						150.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

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- Water Level Subsequent Measurement

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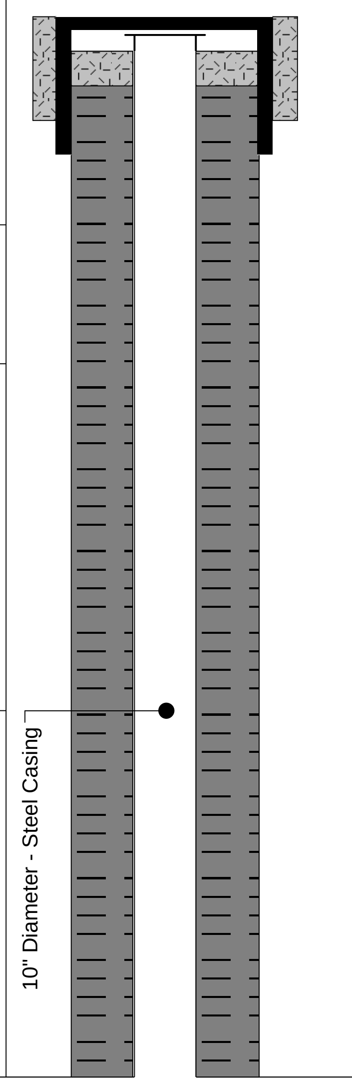
BORING LOG
Well No. MW-171

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***	***Logged By:***	***Ray Montero***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-11-09***	***Permit No.:***	***BA-95-2812***
Project No:	***100891***	***Total Hole Depth:***	***130 feet***	***Checked By:***	***J. Hale***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***	***Notes:***	***Airknifed to 8' bgs***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***29 feet***		
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***		
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***94 feet***		
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***		
Sampling Method:	***Grab***	***TOC Elevation:***	***581.62***		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		GROUND SURFACE				
0.0		**SM** Silty SAND, brown, moist, fine-medium grained, some mica, trace gravel	1	0.9		0.0
		SM Silty SAND, brown, moist, fine-medium grained, some mica, trace gravel	2	0.4		
5.0		**SM** Silty SAND, brown, moist, fine-medium grained, some mica, trace gravel	3	0.7		5.0
10.0		**SM** Silty SAND, brown, moist, fine-medium grained, increased mica, trace gravel	4	0.2		10.0
15.0						15.0



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ppm - Parts per million
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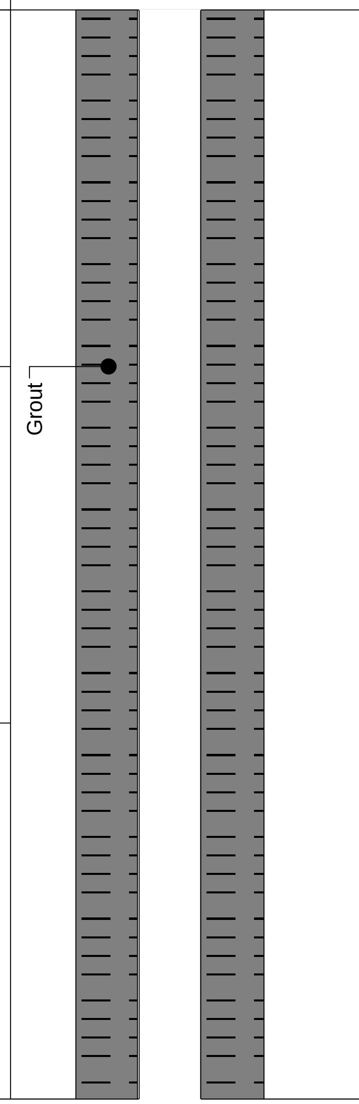
BORING LOG
Well No. MW-171

Project Name:	***Inactive Exxon Facility # 28077***	***Start Date:***	***5-7-09***
Site Location:	***3501 Hampshire Glen Court, Phoenix, MD***	***End Date:***	***5-11-09***
Project No:	***100891***	***Total Hole Depth:***	***130 feet***
Client:	***ExxonMobil***	***Hole Diameter:***	***15 inches***
Drilling Company:	***Eichelberger***	***Depth to Bedrock:***	***29 feet***
Driller:	***Troy T.***	***Well Diameter:***	***10 inches***
Drill Rig Type:	***Schram T450WS***	***Water Level (Initial):***	***94 feet***
Drilling Method:	***Air Hammer***	***Screen Length:***	***open hole***
Sampling Method:	***Grab***	***TOC Elevation:***	***581.62***

Logged By:	***Ray Montero***
Permit No.:	***BA-95-2812***
Checked By:	***J. Hale***
Notes:	***Airknifed to 8' bgs***

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		SM Silty SAND, brown, moist, fine-medium grained, some mica, trace gravel	5	0.1		
20.0		**SM** Silty SAND, brown, moist, fine-medium grained, some mica, trace gravel	6	0.1		20.0
25.0		**SM** Silty SAND, brown, moist, fine-medium grained, some mica, trace gravel Bedrock @ 29' - Schist/saprolite	7	0.0		25.0
30.0						30.0



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

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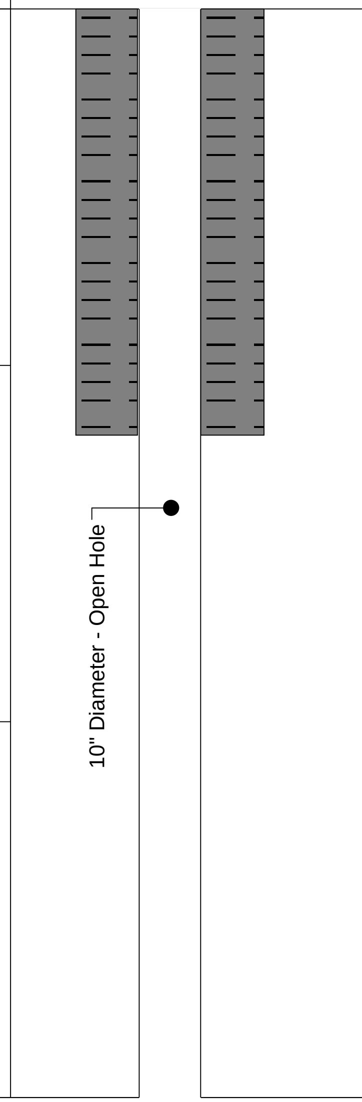
BORING LOG
Well No. MW-171

Project Name:	Inactive Exxon Facility # 28077	**Start Date:**	5-7-09	**Logged By:**	Ray Montero
Site Location:	3501 Hampshire Glen Court, Phoenix, MD	**End Date:**	5-11-09	**Permit No.:**	BA-95-2812
Project No:	100891	**Total Hole Depth:**	130 feet	**Checked By:**	J. Hale
Client:	ExxonMobil	**Hole Diameter:**	15 inches	**Notes:**	Airknifed to 8' bgs
Drilling Company:	Eichelberger	**Depth to Bedrock:**	29 feet		
Driller:	Troy T.	**Well Diameter:**	10 inches		
Drill Rig Type:	Schram T450WS	**Water Level (Initial):**	94 feet		
Drilling Method:	Air Hammer	**Screen Length:**	open hole		
Sampling Method:	Grab	**TOC Elevation:**	581.62		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Weathered Schist Bedrock-harder	8	0.4		
35.0		**BR** Schist Set 10" steel casing to 36' bgs	9	0.2		35.0
40.0		**BR** Schist,gray to light-brownish gray Schist, brown, saprolite weathered rock-slight odor from 43'-46'	10	0.1		40.0
45.0						45.0



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

HA - Hand Auger Sample
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GS - Grab Sample
C - Macrocore Sleeve

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BORING LOG
Well No. MW-171

Project Name:	**Inactive Exxon Facility # 28077**	**Start Date:**	**5-7-09**
Site Location:	**3501 Hampshire Glen Court, Phoenix, MD**	**End Date:**	**5-11-09**
Project No:	**100891**	**Total Hole Depth:**	**130 feet**
Client:	**ExxonMobil**	**Hole Diameter:**	**15 inches**
Drilling Company:	**Eichelberger**	**Depth to Bedrock:**	**29 feet**
Driller:	**Troy T.**	**Well Diameter:**	**10 inches**
Drill Rig Type:	**Schram T450WS**	**Water Level (Initial):**	**94 feet**
Drilling Method:	**Air Hammer**	**Screen Length:**	**open hole**
Sampling Method:	**Grab**	**TOC Elevation:**	**581.62**

Logged By:	**Ray Montero**
Permit No.:	**BA-95-2812**
Checked By:	**J. Hale**
Notes:	**Airknifed to 8' bgs**

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, gray	11	2.6		
50.0		**BR** Schist, gray	12	0.1		50.0
55.0		**BR** Schist, gray	13	0.2		55.0
60.0						60.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
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BORING LOG
Well No. MW-171

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*5-7-09*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*5-11-09*
Project No:	*100891*	*Total Hole Depth:*	*130 feet*
Client:	*ExxonMobil*	*Hole Diameter:*	*15 inches*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*29 feet*
Driller:	*Troy T.*	*Well Diameter:*	*10 inches*
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*94 feet*
Drilling Method:	*Air Hammer*	*Screen Length:*	*open hole*
Sampling Method:	*Grab*	*TOC Elevation:*	*581.62*

Logged By:	*Ray Montero*
Permit No.:	*BA-95-2812*
Checked By:	*J. Hale*
Notes:	*Airknifed to 8' bgs*

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, gray	14	0.0		
65.0		**BR** Schist, gray Possible fracture	15	0.1	10" Diameter - Open Hole	65.0
70.0		**BR** Schist, gray	16	0.2		70.0
75.0						75.0

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ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-171

Project Name:	*Inactive Exxon Facility # 28077*	**Start Date:**	5-7-09	**Logged By:**	Ray Montero
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	**End Date:**	5-11-09	**Permit No.:**	BA-95-2812
Project No:	100891	**Total Hole Depth:**	130 feet	**Checked By:**	J. Hale
Client:	ExxonMobil	**Hole Diameter:**	15 inches	**Notes:**	Airknifed to 8' bgs
Drilling Company:	Eichelberger	**Depth to Bedrock:**	29 feet		
Driller:	Troy T.	**Well Diameter:**	10 inches		
Drill Rig Type:	Schram T450WS	**Water Level (Initial):**	94 feet		
Drilling Method:	Air Hammer	**Screen Length:**	open hole		
Sampling Method:	Grab	**TOC Elevation:**	581.62		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, gray	17	0.0		
80.0		**BR** Schist, gray, decreased mica and quartz content	18	0.1		80.0
85.0		**BR** Schist, gray	19	0.1		85.0
90.0						90.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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C - Macrocore Sleeve

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BORING LOG
Well No. MW-171

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*5-7-09*	*Logged By:*	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*5-11-09*	*Permit No.:*	*BA-95-2812*
Project No:	*100891*	*Total Hole Depth:*	*130 feet*	*Checked By:*	*J. Hale*
Client:	*ExxonMobil*	*Hole Diameter:*	*15 inches*	*Notes:*	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*29 feet*		
Driller:	*Troy T.*	*Well Diameter:*	*10 inches*		
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*94 feet*		
Drilling Method:	*Air Hammer*	*Screen Length:*	*open hole*		
Sampling Method:	*Grab*	*TOC Elevation:*	*581.62*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, gray Groundwater in bore hole at 94' bgs	20	0.0		
95.0		**BR** Schist, dark gray, increased grain size, increased mica content Possible fracture	21	0.1		95.0
100.0		**BR** Schist, dark gray, mostly medium grain quartz, some mica, trace course grain quartz	22	0.0		100.0
105.0						105.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-171

Project Name:	*Inactive Exxon Facility # 28077*	*Start Date:*	*5-7-09*	*Logged By:*	*Ray Montero*
Site Location:	*3501 Hampshire Glen Court, Phoenix, MD*	*End Date:*	*5-11-09*	*Permit No.:*	*BA-95-2812*
Project No:	*100891*	*Total Hole Depth:*	*130 feet*	*Checked By:*	*J. Hale*
Client:	*ExxonMobil*	*Hole Diameter:*	*15 inches*	*Notes:*	*Airknifed to 8' bgs*
Drilling Company:	*Eichelberger*	*Depth to Bedrock:*	*29 feet*		
Driller:	*Troy T.*	*Well Diameter:*	*10 inches*		
Drill Rig Type:	*Schram T450WS*	*Water Level (Initial):*	*94 feet*		
Drilling Method:	*Air Hammer*	*Screen Length:*	*open hole*		
Sampling Method:	*Grab*	*TOC Elevation:*	*581.62*		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist, dark gray, medium-course grain	23	0.1		
110.0		**BR** Schist, dark gray, medium-course grain	24	0.1		110.0
115.0		**BR** Schist, dark gray, medium-course grain Sheen visible in groundwater	25	0.0		115.0
120.0						120.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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BORING LOG
Well No. MW-171

Project Name:	**Inactive Exxon Facility # 28077**	**Start Date:**	**5-7-09**	**Logged By:**	**Ray Montero**
Site Location:	**3501 Hampshire Glen Court, Phoenix, MD**	**End Date:**	**5-11-09**	**Permit No.:**	**BA-95-2812**
Project No:	**100891**	**Total Hole Depth:**	**130 feet**	**Checked By:**	**J. Hale**
Client:	**ExxonMobil**	**Hole Diameter:**	**15 inches**	**Notes:**	**Airknifed to 8' bgs**
Drilling Company:	**Eichelberger**	**Depth to Bedrock:**	**29 feet**		
Driller:	**Troy T.**	**Well Diameter:**	**10 inches**		
Drill Rig Type:	**Schram T450WS**	**Water Level (Initial):**	**94 feet**		
Drilling Method:	**Air Hammer**	**Screen Length:**	**open hole**		
Sampling Method:	**Grab**	**TOC Elevation:**	**581.62**		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		BR Schist,dark gray, medium-course grain	26	0.0		
125.0		**BR** Schist,dark gray, medium-course grain	27	0.2		125.0
130.0						130.0
135.0						135.0

PID - Photoionization Detector
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* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

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GS - Grab Sample
C - Macrocore Sleeve

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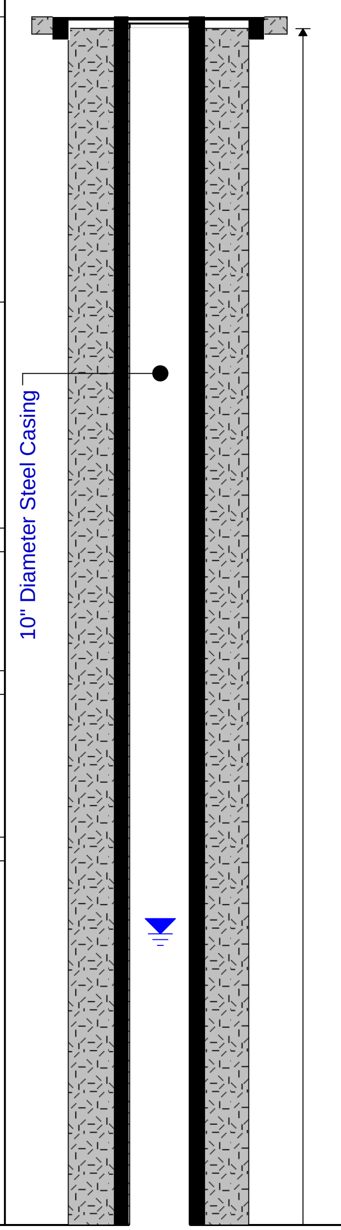
BORING LOG
Boring No. MW-171C

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-12-10
End Date: 5-19-10
Total Hole Depth: 248.6 feet
Hole Diameter: 15"(0-125'),10"(125-248.6')
Depth to Bedrock: 28 feet
Surface Elevation: 0
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3407
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface			
0–22		**SW** SAND, mica, gravel, brown, moist	0.0		0–22
22–28		**SM** SAND, silt, mica, brown, moist	0.0		22–28
28–35		**BR** Biotite, Quartz, Hornblende	0.0		28–35
35–50		**BR** Biotite, Muscovite, Quartz, Hornblende	0.0		35–50



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG
Boring No. MW-171C

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-12-10
End Date: 5-19-10
Total Hole Depth: 248.6 feet
Hole Diameter: 15"(0-125'),10"(125-248.6')
Depth to Bedrock: 28 feet
Surface Elevation: 0
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3407
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
51–53					51–53
53		**BR** Quartz, Biotite, Muscovite, Hornblende	0.0		53
66		SCHIST			66
70		**BR** Quartz, Biotite, Muscovite, Hornblende, Garnet	0.0		70
77				Grout	77
81		SCHIST	0.0		81
92		SCHIST			92
100					100

PID - Photoionization Detector
NA - Not Applicable
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MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

KLEINFELDER Bright People. Right Solutions.	1340 Charwood Road, Suite I Hanover, MD 21076 (410) 850-0404	BORING LOG **Boring No. MW-171C**

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

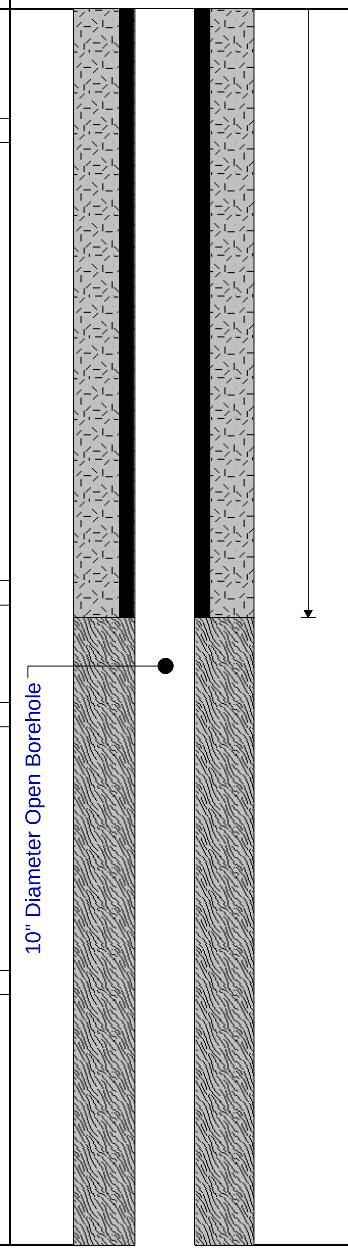
Start Date: 5-12-10
End Date: 5-19-10
Total Hole Depth: 248.6 feet
Hole Diameter: 15"(0-125'),10"(125-248.6')
Depth to Bedrock: 28 feet
Surface Elevation: 0
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3407
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)
101–124	SCHIST	
105		0.0
124		0.0
124–129	**BR** Quartz, Biotite, Muscovite, Hornblende	
129		0.0
129–150	**BR** Biotite, Quartz, Hornblende, Muscovite WEATHERED SCHIST SCHIST SCHIST	
140		0.0

Well Construction



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BORING LOG
Boring No. MW-171C

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-12-10
End Date: 5-19-10
Total Hole Depth: 248.6 feet
Hole Diameter: 15"(0-125'),10"(125-248.6')
Depth to Bedrock: 28 feet
Surface Elevation: 0
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3407
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
151					151
152			0.0		152
153		**BR**			153
154		Biotite, Quartz, Hornblende, Muscovite, Garnet			154
155					155
156		SCHIST			156
157					157
158					158
159					159
160					160
161					161
162		SCHIST			162
163			0.0		163
164					164
165					165
166					166
167					167
168					168
169					169
170					170
171					171
172					172
173					173
174					174
175					175
176		SCHIST			176
177			0.0		177
178					178
179					179
180					180
181					181
182					182
183					183
184					184
185					185
186					186
187					187
188		SCHIST			188
189			0.2		189
190					190
191					191
192					192
193					193
194					194
195					195
196					196
197					197
198					198
199					199
200					200

PID - Photoionization Detector
NA - Not Applicable
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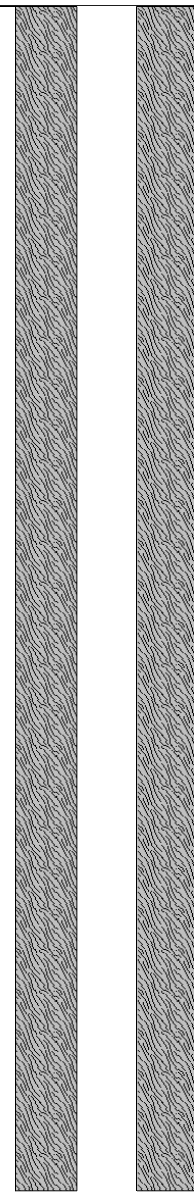
BORING LOG
Boring No. MW-171C

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-12-10
End Date: 5-19-10
Total Hole Depth: 248.6 feet
Hole Diameter: 15"(0-125'),10"(125-248.6')
Depth to Bedrock: 28 feet
Surface Elevation: 0
Water Level (Initial): 38.57 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3407
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
201		SCHIST			201
202					202
203					203
204					204
205					205
206					206
207					207
208					208
209					209
210					210
211					211
212					212
213					213
214					214
215					215
216					216
217					217
218					218
219					219
220					220
221					221
222		SCHIST			222
223					223
224					224
225					225
226					226
227					227
228					228
229					229
230					230
231					231
232					232
233					233
234					234
235					235
236					236
237					237
238					238
239					239
240					240
241					241
242					242
243					243
244					244
245					245
246					246
247		SCHIST			247
248					248
249		End of Borehole			249
250					250



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
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PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

Boring No. MW-176

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

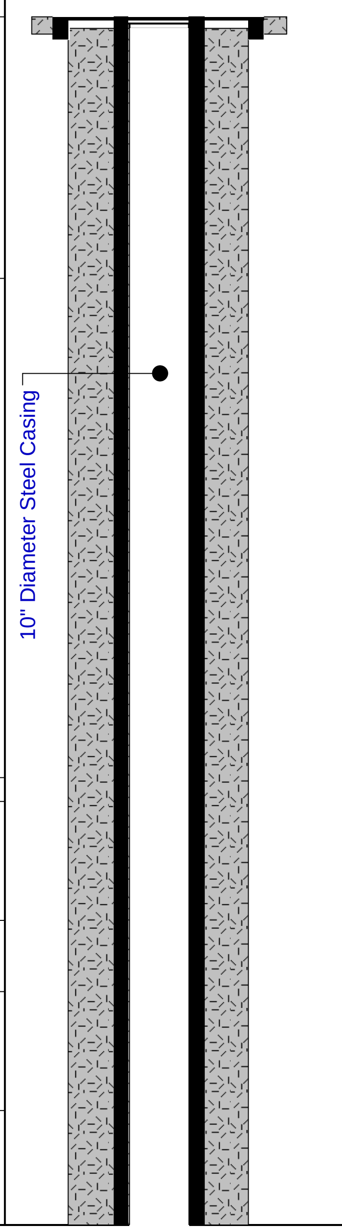
Start Date: 5-6-10
End Date: 5-14-10
Total Hole Depth: 250.1 feet
Hole Diameter: 15"(0-125'),10"(125-250.1')
Depth to Bedrock: 33 feet
Surface Elevation: 0
Water Level (Initial): 107.14 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3390
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)
0	Ground Surface	
0–25	**SM** SAND, some silt, brown-red, mica	0.0
25–32	**SM** SAND, some silt, brown, mica	
32–33	**SM** SAND, some silt, some rounded gravel, brown, moist, mica	0.0
33–38	**BR** Biotite, quartz, grey	0.0
38–46	**BR** Biotite, quartz, trace hornblende, grey	0.0
		0.0
46–50	**BR** Biotite, quartz, brown	0.0

Well Construction



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

Boring No. MW-176

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-6-10
End Date: 5-14-10
Total Hole Depth: 250.1 feet
Hole Diameter: 15"(0-125'),10"(125-250.1')
Depth to Bedrock: 33 feet
Surface Elevation: 0
Water Level (Initial): 107.14 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3390
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
51–52					51–52
52–55		**BR** Biotite, quartz, hornblende, grey	0.0		52–55
55–61		**BR** Biotite, quartz, brown	0.0		55–61
61–72		**BR** Biotite, quartz, grey	0.0		61–72
72–80			0.0	Grout	72–80
80–100			0.3		80–100

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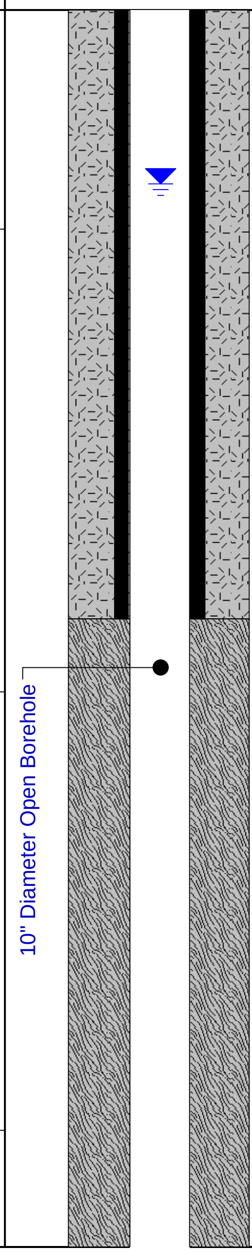
BORING LOG
Boring No. MW-176

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-6-10
End Date: 5-14-10
Total Hole Depth: 250.1 feet
Hole Diameter: 15"(0-125'),10"(125-250.1)
Depth to Bedrock: 33 feet
Surface Elevation: 0
Water Level (Initial): 107.14 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3390
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
101					101
102					102
103					103
104					104
105					105
106					106
107					107
108					108
109					109
110					110
111					111
112					112
113					113
114					114
115					115
116					116
117					117
118					118
119			0.3		119
120					120
121					121
122					122
123					123
124					124
125					125
126					126
127					127
128					128
129					129
130					130
131					131
132					132
133					133
134					134
135					135
136					136
137		**BR** Quartz, biotite, muscovite, hornblende, garnet	0.8		137
138					138
139					139
140					140
141					141
142					142
143					143
144					144
145					145
146					146
147					147
148					148
149					149
150					150



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BORING LOG
Boring No. MW-176

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-6-10
End Date: 5-14-10
Total Hole Depth: 250.1 feet
Hole Diameter: 15"(0-125'),10"(125-250.1')
Depth to Bedrock: 33 feet
Surface Elevation: 0
Water Level (Initial): 107.14 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3390
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
151–165		**BR** SCHIST Biotite, quartz, muscovite, hornblende, garnet ... SCHIST	1.6 (151–162)		151–165
165–200		**BR** Biotite, quartz, hornblende, muscovite, garnet	1.6 (162–173); 1.6 (173–196)		165–200

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BORING LOG
Boring No. MW-176

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-6-10
End Date: 5-14-10
Total Hole Depth: 250.1 feet
Hole Diameter: 15"(0-125'),10"(125-250.1')
Depth to Bedrock: 33 feet
Surface Elevation: 0
Water Level (Initial): 107.14 feet
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3390
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
201–250		SCHIST	1.1 (213–225); 1.4 (225–242)		201–250

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BORING LOG

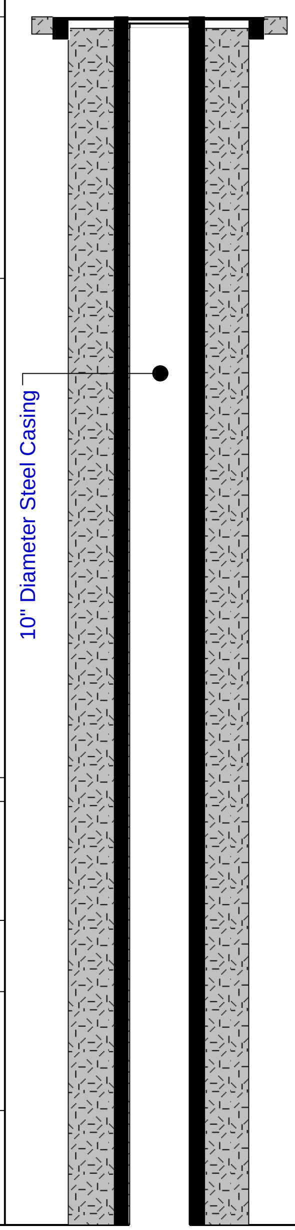
Boring No. MW-177

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-11-10
End Date: 5-17-10
Total Hole Depth: 250.5 feet
Hole Diameter: 15"(0-125'),10"(125-250.5')
Depth to Bedrock: 39 feet
Surface Elevation: 0
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3389
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
0		Ground Surface			0
0–17		**ML** SILT, mica, gravel, brown	0.0		
17–39		**ML** SILT, mica, gravel, brown, moist	0.0		
			0.0		
39–41		**BR** Biotite, Quartz, Hornblende	0.0		
41–50		**BR** WEATHERED SCHIST Biotite, Muscovite, Quartz, Hornblende	0.0		
			0.0		



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BORING LOG

Boring No. MW-177

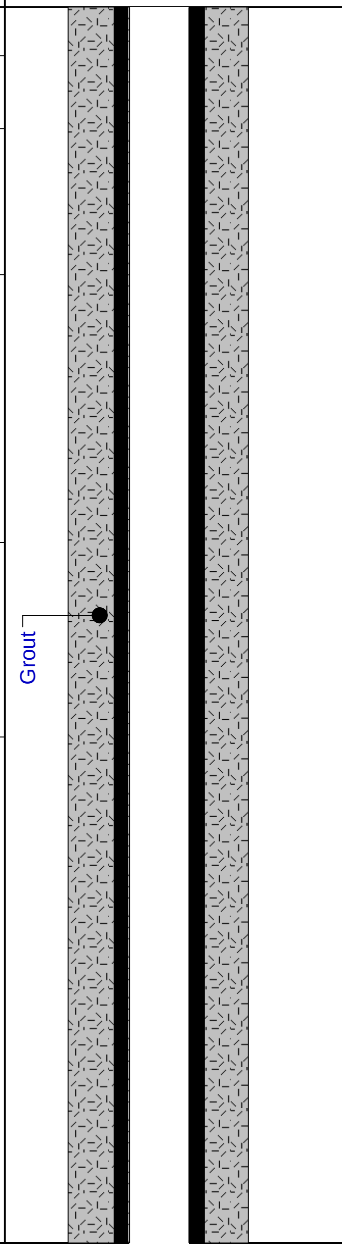
Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-11-10
End Date: 5-17-10
Total Hole Depth: 250.5 feet
Hole Diameter: 15"(0-125'),10"(125-250.5)
Depth to Bedrock: 39 feet
Surface Elevation: 0
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3389
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE		SAMPLE
Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)
51–58	**BR** Biotite, Quartz, Muscovite, Hornblende	
52–55		0.0
55–61		0.0
58–70	**BR** Biotite, Quartz, Muscovite, Hornblende	
61–72		0.0
70–87	**BR** Biotite, Quartz, Muscovite, Garnet, Hornblende	
72–80		0.0
80–100		0.3
87–100	**BR** Biotite, Quartz, Muscovite, Hornblende	

Well Construction



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BORING LOG
Boring No. MW-177

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

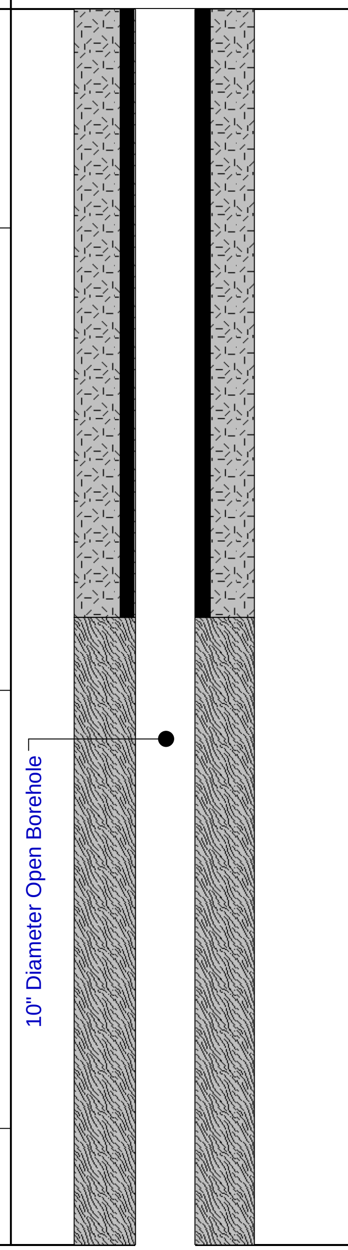
Start Date: 5-11-10
End Date: 5-17-10
Total Hole Depth: 250.5 feet
Hole Diameter: 15"(0-125'),10"(125-250.5')
Depth to Bedrock: 39 feet
Surface Elevation: 0
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3389
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)
101–104		
104	**BR** Biotite, Quartz, Muscovite, Hornblende	
109–128		0.3
124	**BR** Biotite, Quartz, Muscovite, Hornblende	
128–146		0.8
135	**BR** SCHIST Quartz, Hornblende, Biotite, Muscovite	
144	**BR** SCHIST Quratz, Biotite, Muscovite, Hornblende	
150		

Well Construction



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BORING LOG
Boring No. MW-177

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-11-10
End Date: 5-17-10
Total Hole Depth: 250.5 feet
Hole Diameter: 15"(0-125'),10"(125-250.5')
Depth to Bedrock: 39 feet
Surface Elevation: 0
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3389
License No.: JWD318
Checked By: K. Braun
Notes:

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Depth (feet)
151–158		1.6 (151–162)	151–158
158–175	**BR** SCHIST Biotite, Quartz, Hornblende, Muscovite, Garnet	1.6 (162–173)	158–175
175–190	**BR** SCHIST Biotite, Quartz, Hornblende, Muscovite, Garnet	1.6 (173–196)	175–190
190–195	**BR** Cuttings saturated with water		190–195
195–200	**BR** SCHIST Quartz, Biotite, Muscovite, Hornblende, Garnet		195–200

PID - Photoionization Detector
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BORING LOG
Boring No. MW-177

Project Name: Inactive Exxon Facility #28077
Site Location: 14258 Jarrettsville Pike, Phoenix, Maryland
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: Eichelberger
Driller: T.Toland
Drill Rig Type: Schramm 555
Drilling Method: Air Hammer (10 & 15 inch bit)
Sampling Method: NA

Start Date: 5-11-10
End Date: 5-17-10
Total Hole Depth: 250.5 feet
Hole Diameter: 15"(0-125'),10"(125-250.5)
Depth to Bedrock: 39 feet
Surface Elevation: 0
Water Level (Initial): NA
Water Level (Static): NA
Logged By (Geol.): M. Bauer

Permit No.: BA-95-3389
License No.: JWD318
Checked By: K. Braun
Notes:

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
201–207					201–207
207–218		**BR** SCHIST Quartz, Biotite, Muscovite, Hornblende, Garnet SCHIST			207–218
218–244		**BR** SCHIST Quartz, Biotite, Muscovite, Hornblende, Garnet	1.1 (219); 1.4 (233.5)		218–244
244–250		**BR** Quartz, Biotite, Muscovite, Hornblende, Garnet SCHIST			244–250

PID - Photoionization Detector
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BORING LOG

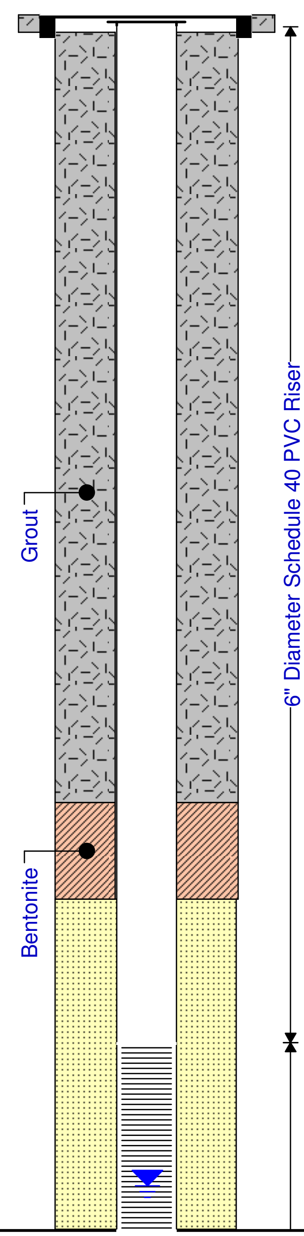
Boring No. MW-178A

Project Name:	Inactive Exxon Facility # 28077	***Start Date:***	10-5-10	***Permit No.:***	BA-95-3566
Site Location:	3501 Hampshire Glen Court	***End Date:***	10-8-10	***License No.:***	MWD421
Kleinfelder Project No:	108818	***Total Hole Depth:***	73 feet	***Checked By:***	K. Braun
Client:	ExxonMobil	***Hole Diameter:***	10 inches	***Notes:***	Airknife to 8 feet
Drilling Company:	BL Myers	***Depth to Bedrock:***	35 feet		
Driller:	Stephen Saul	***Surface Elevation:***	592.67 ft./msl.		
Drill Rig Type:	Atlas CapCo T3	***Water Level (Initial):***	51.20 feet		
Drilling Method:	Air Rotary	***Water Level (Static):***	49 feet		
Sampling Method:		***Logged By (Geol.):***	J. Beck		

SUBSURFACE PROFILE / **SAMPLE**

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)
	Ground Surface		
0–10	***ML*** SILT with sand, dark red-brown, trace gravel, fine-grained gravel and sand, dry, subangular, trace mica (muscovite), oxidized (Airknife to 7'3")		0.0 (7–8); 0.3 (9–10)
10–30	***Ro*** Saprolite, brown, to dark red-brown, oxidized, weathered		0.1 (10–15); 0.3 (15–20); 0.2 (20–25); 0.2 (25–30)
30–35	***Ro*** Saprolite, with Gneiss fragments, dark blue-gray		0.2
35–45	***Br*** Gneiss, dark blue-gray to gray, weathered		0.1 (35–40); 0.1 (40–45)
45–50	***Br*** Gneiss, dark blue-gray to gray, weathered		0.1

Well Construction



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BORING LOG

Boring No. MW-178A

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

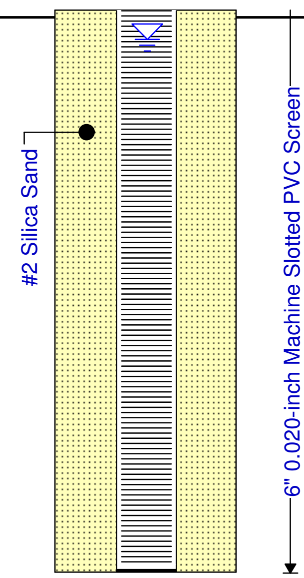
Start Date: 10-5-10
End Date: 10-8-10
Total Hole Depth: 73 feet
Hole Diameter: 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 592.67 ft./msl.
Water Level (Initial): 51.20 feet
Water Level (Static): 49 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3566
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE / SAMPLE

Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)
		0.2
Br Gneiss, dark blue-gray to gray, moist, weathered		0.3
Br Gneiss, dark blue-gray to gray, wet, weathered		0.2
Br Gneiss, dark blue-gray, wet, unweathered		0.2
End of Borehole		

Well Construction



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BORING LOG

Boring No. MW-178B

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

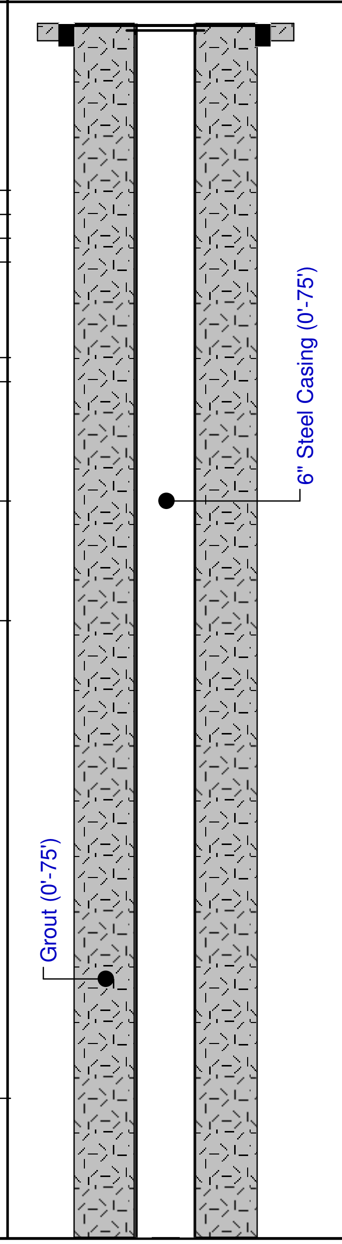
Start Date: 10-5-10
End Date: 10-11-10
Total Hole Depth: 125 feet
Hole Diameter: 6 - 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 592.72 ft./msl.
Water Level (Initial): 109 feet
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3565
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)
0	Ground Surface		
0–5	**ML** SILT with sand, dark red-brown, trace gravel, fine-grained gravel and sand, dry, trace mica and oxidation		
5–10	**ML** Saprolite and SILT with sand, dark red-brown (Airknife to 8 feet)		
7–8			0.0
9–10			0.1
10–25	**Ro** Saprolite, dark red-brown		
14–15			0.2
20–25			0.3
25–35	**Br** Gneiss, gray to dark blue-gray, weathered		
35–50	**Br** Gneiss, dark blue-gray, unweathered		
45–50			0.2

Well Construction



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BORING LOG
Boring No. MW-178B

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-11-10
Total Hole Depth: 125 feet
Hole Diameter: 6 - 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 592.72 ft./msl.
Water Level (Initial): 109 feet
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3565
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
51–57						51–57
57–60		**Br** Gneiss, dark blue-gray, moist, unweathered				57–60
60–90		**Br** Gneiss, dark blue-gray, unweathered		0.5 (75–80)	Open Hole (75' - 125')	60–90
90–100		**Br** Schist, gray, unweathered, muscovite with trace garnets				90–100

PID - Photoionization Detector
NA - Not Applicable
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NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG
Boring No. MW-178B

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-11-10
Total Hole Depth: 125 feet
Hole Diameter: 6 - 10 inches
Depth to Bedrock: 35 feet
Surface Elevation: 592.72 ft./msl.
Water Level (Initial): 109 feet
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3565
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
101–124						101–124
125		End of Borehole				125
126–150						126–150

PID - Photoionization Detector
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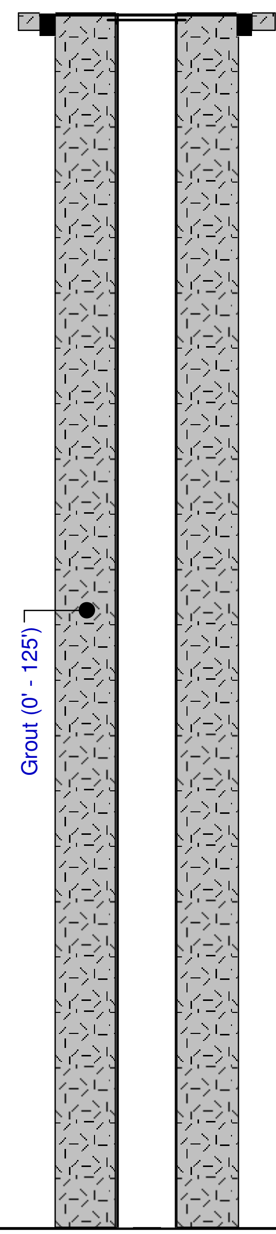
BORING LOG

Boring No. MW-178C

Project Name: Inactive Exxon Facility # 28077	***Start Date:*** 10-5-10	***Permit No.:*** BA-95-3564
Site Location: 3501 Hampshire Glen Court	***End Date:*** 10-21-10	***License No.:*** MWD421
Kleinfelder Project No: 108818	***Total Hole Depth:*** 300 feet	***Checked By:*** K. Braun
Client: ExxonMobil	***Hole Diameter:*** 10 - 14 inches	***Notes:*** Airknife to 7 feet 3 inches
Drilling Company: BL Myers	***Depth to Bedrock:*** 36.5 feet	
Driller: Stephen Saul	***Surface Elevation:*** 592.94 ft./msl.	
Drill Rig Type: Atlas CapCo T4	***Water Level (Initial):***	
Drilling Method: Air Rotary	***Water Level (Static):*** 162.80 feet	
Sampling Method:	***Logged By (Geol.):*** J. Beck	

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface				
0–30		**ML** SILT with sand, dark red-brown, trace gravel, fine-grained gravel and sand, dry, rounded to sub-angular, trace mica (muscovite) and clay, oxidized Saprolite, dark red-brown (Airknife to 7 feet 3 inches)		0.0 (at ~7 ft)		0–30
30–36.5		**ML** SILT with sand and sapprolite, weathered rock, dark red-brown to green-gray				30–36.5
36.5–39.5		**Br** Gneiss, gray to green-gray, weathered				36.5–39.5
39.5–40.5		Void Encountered				39.5–40.5
40.5–50		**Br** Gneiss, gray to green-gray, weathered				40.5–50



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BORING LOG
Boring No. MW-178C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-21-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 14 inches
Depth to Bedrock: 36.5 feet
Surface Elevation: 592.94 ft./msl.
Water Level (Initial):
Water Level (Static): 162.80 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3564
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 7 feet 3 inches

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
51–55						51–55
55–90		**Br** Gneiss, dark blue-gray, unweathered				55–90
90–100		**GP** Poorly-graded gravel, gneiss, quartz, and schist fragments, dark blue-gray				90–100

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BORING LOG

Boring No. MW-178C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-21-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 14 inches
Depth to Bedrock: 36.5 feet
Surface Elevation: 592.94 ft./msl.
Water Level (Initial):
Water Level (Static): 162.80 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3564
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 7 feet 3 inches

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
100–105						
105–110		**GP** Poorly-graded gravel, schist, gneiss, and quartz fragments				
110–115		**Br** Schist, gray, trace fragments of gneiss			10" Steel Casing (0' - 125')	
115–150		**Br** Schist, gray, unweathered, muscovite with trace garnets			Open Hole (125' - 300')	

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BORING LOG
Boring No. MW-178C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-21-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 14 inches
Depth to Bedrock: 36.5 feet
Surface Elevation: 592.94 ft./msl.
Water Level (Initial):
Water Level (Static): 162.80 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3564
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 7 feet 3 inches

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
151						151
152						152
153						153
154						154
155						155
156						156
157						157
158						158
159						159
160						160
161						161
162						162
163						163
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196						196
197						197
198						198
199						199
200						200

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BORING LOG

Boring No. MW-178C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-21-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 14 inches
Depth to Bedrock: 36.5 feet
Surface Elevation: 592.94 ft./msl.
Water Level (Initial):
Water Level (Static): 162.80 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3564
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 7 feet 3 inches

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
201						201
202						202
203						203
204						204
205						205
206						206
207						207
208						208
209						209
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246						246
247						247
248						248
249						249
250						250

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BORING LOG
Boring No. MW-178C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-21-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 14 inches
Depth to Bedrock: 36.5 feet
Surface Elevation: 592.94 ft./msl.
Water Level (Initial):
Water Level (Static): 162.80 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3564
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 7 feet 3 inches

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
251						251
252						252
253						253
254						254
255						255
256						256
257						257
258						258
259						259
260						260
261						261
262						262
263						263
264						264
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289						289
290						290
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292						292
293						293
294						294
295						295
296						296
297						297
298						298
299						299
300						300

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KLEINFELDER Bright People. Right Solutions.	**1340 Charwood Road, Suite I** **Hanover, MD 21076** **(410) 850-0404**	BORING LOG **Boring No. MW-179A**

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Paul M. Flynn
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

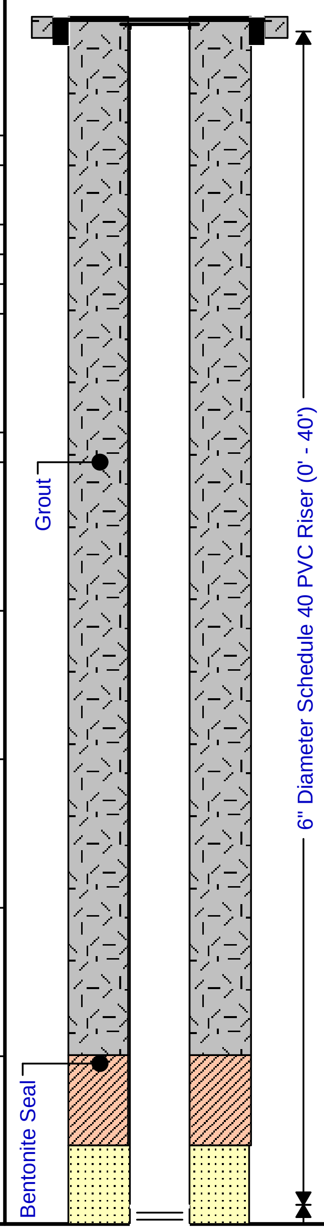
Start Date: 10-5-10
End Date: 10-11-10
Total Hole Depth: 80 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: 587.82 ft./msl.
Water Level (Initial): 49 feet
Water Level (Static): 41.51 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3563
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE / SAMPLE

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)
0	Ground Surface		
0–22.5	**ML** SILT with sand, dark red-brown, trace gravel, fine-grained gravel/sand, dry, subangular, trace mica, oxidized (Airknife to 8 feet)		
4–5			0.0
7–8			0.0
9–10			0.1
14–15			0.2
15–20			0.2
22.5–27	**ML** Weathered schist and SILT with sand, red-brown, quartz fragments		
20–25			0.1
27–29	**Br** Schist(bedrock encountered), gray		
25–30			0.3
29–39	**Br** Weathered schist, softer RO, saprolite with trace garnets, gray and brown		
30–35			0.0
35–40			0.1

Well Construction



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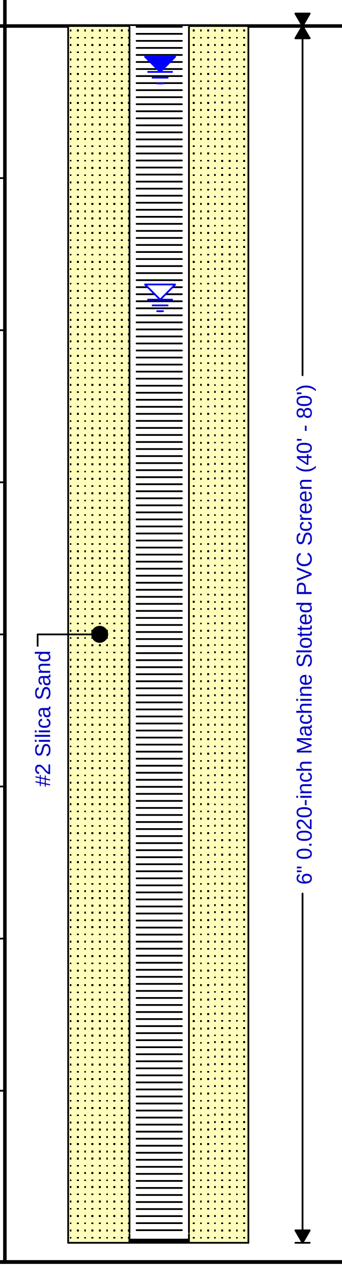
BORING LOG
Boring No. MW-179A

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Paul M. Flynn
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-11-10
Total Hole Depth: 80 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: 587.82 ft./msl.
Water Level (Initial): 49 feet
Water Level (Static): 41.51 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3563
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
41–70		**MW-SW** Schist, gray, moderately to slightly weathered, muscovite with trace garnets				41–70
41–45				0.1		
45–50				0.2		
50–55				0.1		
55–60				0.2		
58–62			MW179A(60' OH)			
60–65						
65–70				0.0		
70–80		**Br** Schist, gray, unweathered, muscovite with trace quartz and garnets				70–80
70–75						
75–80				0.0		



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BORING LOG

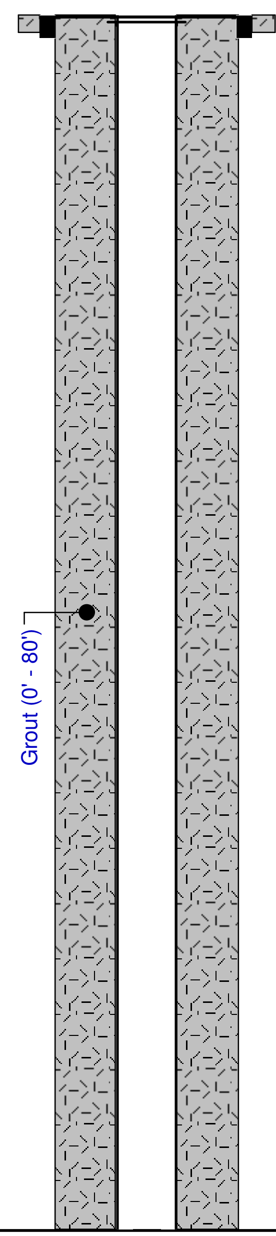
Boring No. MW-179C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-21-10
Total Hole Depth: 250 feet
Hole Diameter: 10 - 14 inches
Depth to Bedrock: 27 feet
Surface Elevation: 587.38 ft./msl.
Water Level (Initial):
Water Level (Static): 143.80 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3562
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface				
0–20		**ML** SILT with sand, dark red-brown, quartz fragments, fine-grained gravel/sand, dry, with mica (muscovite) (Airknife to 8 feet)		0.0		0–20
20–27		**ML** SILT with sand, dark red-brown, with weathered schist, quartz fragments, dry				20–27
27–45		**Br** Schist, brown to gray, weathered		45.0		27–45
45–50		**Br** Schist, yellow-brown to gray, dry, weathered				45–50



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BORING LOG

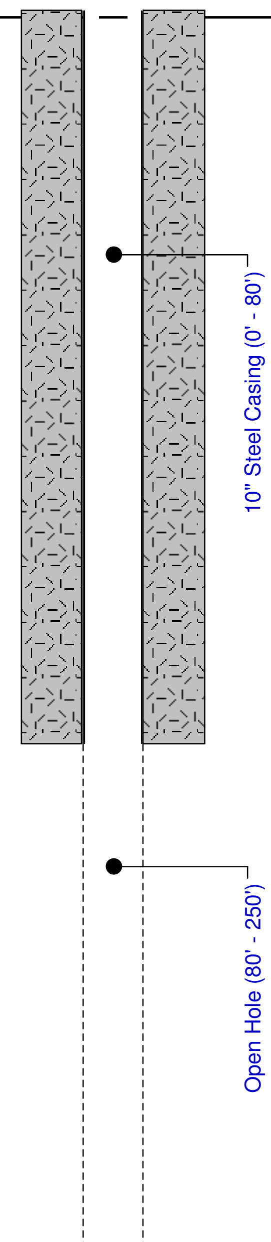
Boring No. MW-179C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-21-10
Total Hole Depth: 250 feet
Hole Diameter: 10 - 14 inches
Depth to Bedrock: 27 feet
Surface Elevation: 587.38 ft./msl.
Water Level (Initial):
Water Level (Static): 143.80 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3562
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
51–59						51–59
60–96		**Br** Schist, gray, dry, unweathered				60–96
97–100		**Br** Schist, gray to yellow-brown				97–100



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BORING LOG
Boring No. MW-179C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-21-10
Total Hole Depth: 250 feet
Hole Diameter: 10 - 14 inches
Depth to Bedrock: 27 feet
Surface Elevation: 587.38 ft./msl.
Water Level (Initial):
Water Level (Static): 143.80 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3562
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
101–150		**Br** Schist, gray, unweathered				101–150

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BORING LOG

Boring No. MW-179C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-21-10
Total Hole Depth: 250 feet
Hole Diameter: 10 - 14 inches
Depth to Bedrock: 27 feet
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Water Level (Initial):
Water Level (Static): 143.80 feet
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Permit No.: BA-95-3562
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
151						151
152						152
153						153
154						154
155						155
156						156
157						157
158						158
159						159
160						160
161						161
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PID - Photoionization Detector
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BORING LOG
Boring No. **MW-179C**

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-21-10
Total Hole Depth: 250 feet
Hole Diameter: 10 - 14 inches
Depth to Bedrock: 27 feet
Surface Elevation: 587.38 ft./msl.
Water Level (Initial):
Water Level (Static): 143.80 feet
Logged By (Geol.): J. Beck

Permit No.: BA-95-3562
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
201						201
202						202
203						203
204						204
205						205
206						206
207						207
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230						230
231						231
232						232
233						233
234						234
235						235
236						236
237						237
238						238
239						239
240						240
241						241
242						242
243						243
244						244
245						245
246						246
247						247
248						248
249						249
250						250

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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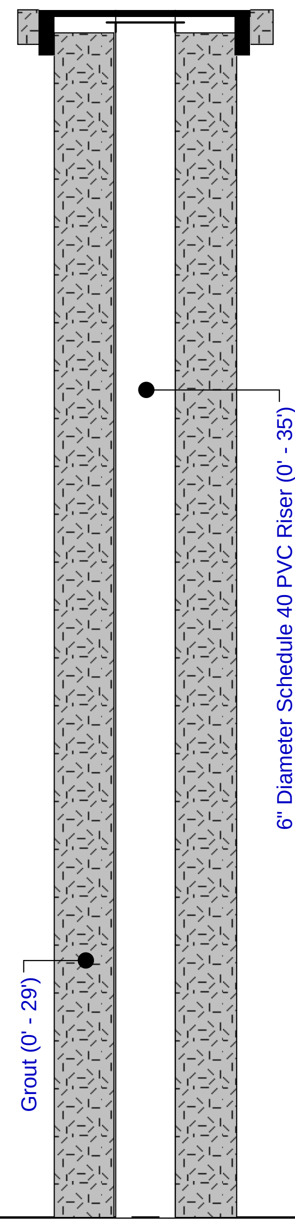
BORING LOG
Boring No. MW-180A

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-22-10
Total Hole Depth: 75 feet
Hole Diameter: 10 inches
Depth to Bedrock: 47 feet
Surface Elevation: 590.10 ft./msl.
Water Level (Initial): 43.80 feet
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3561
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface				
0		**ML** SILT with Sand, dark red-brown, quartz fragments, trace mica (muscovite), oxidized, dry (Airknife to 8 feet)				0
8		**ML** SILT with Sand, dark red-brown, quartzite fragments, mica (muscovite), oxidized, dry				8
20		**Ro** Saprolite Schist, dark red-brown to brown, quartzite fragments, mica (muscovite), oxidized, dry				20
25						25



PID - Photoionization Detector
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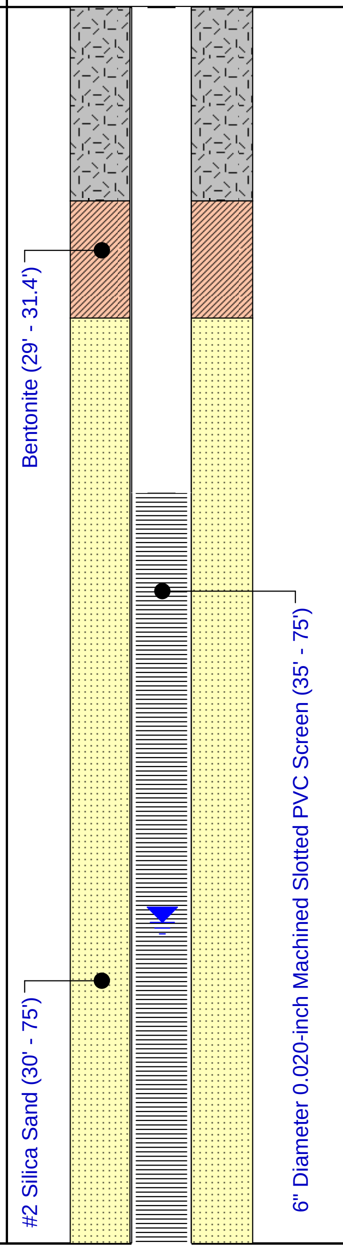
BORING LOG
Boring No. MW-180A

Project Name: Inactive Exxon Facility # 28077	***Start Date:*** 10-5-10	***Permit No.:*** BA-95-3561
Site Location: 3501 Hampshire Glen Court	***End Date:*** 10-22-10	***License No.:*** MWD421
Kleinfelder Project No: 108818	***Total Hole Depth:*** 75 feet	***Checked By:*** K. Braun
Client: ExxonMobil	***Hole Diameter:*** 10 inches	***Notes:*** Airknife to 8 feet
Drilling Company: BL Myers	***Depth to Bedrock:*** 47 feet	
Driller: Stephen Saul	***Surface Elevation:*** 590.10 ft./msl.	
Drill Rig Type: Atlas CapCo T4	***Water Level (Initial):*** 43.80 feet	
Drilling Method: Air Rotary	***Water Level (Static):***	
Sampling Method:	***Logged By (Geol.):*** J. Beck	

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
26						26
27						27
28						28
29						29
30						30
31						31
32						32
33						33
34						34
35						35
36						36
37						37
38						38
39						39
40						40
41						41
42						42
43						43
44						44
45						45
46						46
47		**Br** SCHIST, weathered,gray to brown, muscovite				47
48						48
49						49
50						50



PID - Photoionization Detector
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NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG
Boring No. MW-180A

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 10-22-10
Total Hole Depth: 75 feet
Hole Diameter: 10 inches
Depth to Bedrock: 47 feet
Surface Elevation: 590.10 ft./msl.
Water Level (Initial): 43.80 feet
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3561
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
51–55						51–55
55–75		**Br** SCHIST, unweathered, gray, muscovite and trace biotite, trace garnets				55–75

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

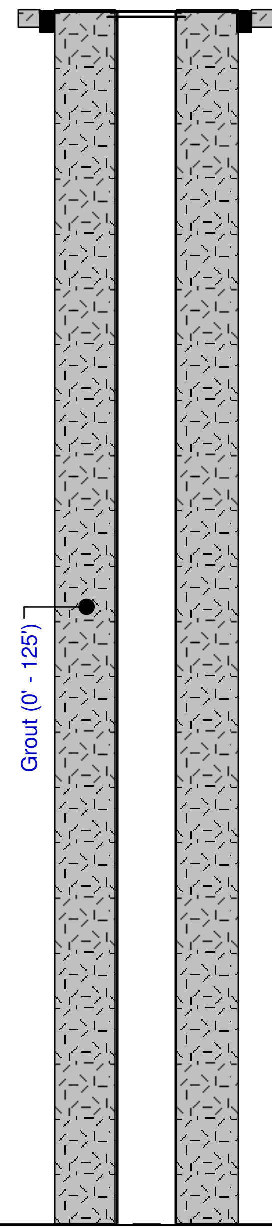
Boring No. MW-180C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 11-1-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 47 feet
Surface Elevation: 589.50 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3560
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface				
0 - 20		**ML** SILT with sand, dark red-brown, quartz fragments, trace mica (muscovite), oxidized, dry (Airknife to 8 feet)				0 - 20
20 - 22		**ML** SILT with sand, dark red-brown, quartzite fragments, mica (muscovite), oxidized, dry				20 - 22
22 - 47		**Ro** Saprolite Schist, dark red-brown to brown, quartzite fragments, mica (muscovite), oxidized, dry, brown to gray, weathered				22 - 47
47 - 50		**Br** SCHIST, weathered, brown to gray, muscovite and trace biotite				47 - 50



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG
Boring No. **MW-180C**

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 11-1-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 47 feet
Surface Elevation: 589.50 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3560
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
51–69						51–69
70–74		**Br** SCHIST, weathered, brown, muscovite and trace biotite				70–74
75–100		**Br** SCHIST, unweathered, gray, muscovite with trace biotite and garnets				75–100

PID - Photoionization Detector
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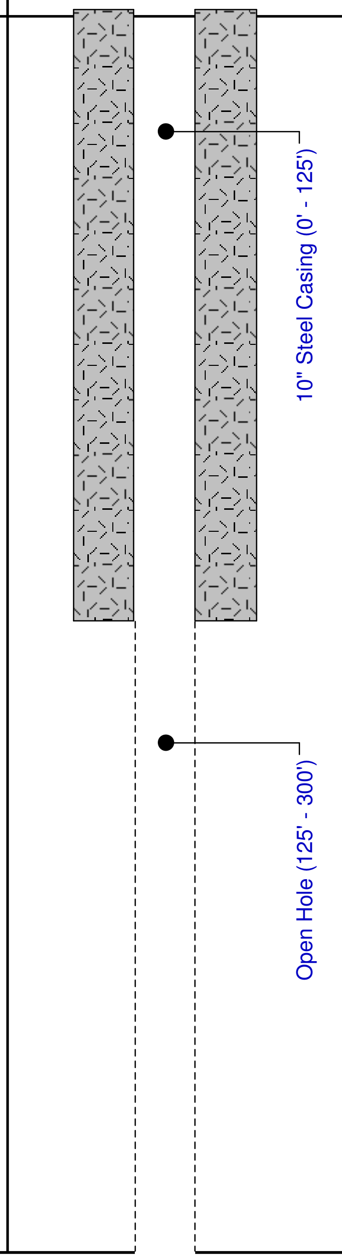
BORING LOG
Boring No. MW-180C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 11-1-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 47 feet
Surface Elevation: 589.50 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3560
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
101–150						101–150



PID - Photoionization Detector
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BORING LOG

Boring No. MW-180C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 11-1-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 47 feet
Surface Elevation: 589.50 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3560
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
151						151
152						152
153						153
154						154
155						155
156						156
157						157
158						158
159						159
160						160
161						161
162						162
163						163
164						164
165						165
166						166
167						167
168						168
169						169
170						170
171						171
172						172
173						173
174						174
175						175
176						176
177						177
178						178
179						179
180						180
181						181
182						182
183						183
184						184
185						185
186						186
187						187
188						188
189						189
190						190
191						191
192						192
193						193
194						194
195						195
196						196
197						197
198						198
199						199
200						200

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BORING LOG

Boring No. MW-180C

Project Name: Inactive Exxon Facility # 28077	***Start Date:*** 10-5-10	***Permit No.:*** BA-95-3560
Site Location: 3501 Hampshire Glen Court	***End Date:*** 11-1-10	***License No.:*** MWD421
Kleinfelder Project No: 108818	***Total Hole Depth:*** 300 feet	***Checked By:*** K. Braun
Client: ExxonMobil	***Hole Diameter:*** 10 - 15 inches	***Notes:*** Airknife to 8 feet
Drilling Company: BL Myers	***Depth to Bedrock:*** 47 feet	
Driller: Stephen Saul	***Surface Elevation:*** 589.50 ft./msl.	
Drill Rig Type: Atlas CapCo T4	***Water Level (Initial):***	
Drilling Method: Air Rotary	***Water Level (Static):***	
Sampling Method:	***Logged By (Geol.):*** J. Beck	

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
201						201
202						202
203						203
204						204
205						205
206						206
207						207
208						208
209						209
210						210
211						211
212						212
213						213
214						214
215						215
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219						219
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221						221
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232						232
233						233
234						234
235						235
236						236
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240						240
241						241
242						242
243						243
244						244
245						245
246						246
247						247
248						248
249						249
250						250

PID - Photoionization Detector
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MU - Meter Units
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BORING LOG
Boring No. MW-180C

Project Name: Inactive Exxon Facility # 28077
Site Location: 3501 Hampshire Glen Court
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T4
Drilling Method: Air Rotary
Sampling Method:

Start Date: 10-5-10
End Date: 11-1-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 47 feet
Surface Elevation: 589.50 ft./msl.
Water Level (Initial):
Water Level (Static):
Logged By (Geol.): J. Beck

Permit No.: BA-95-3560
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
251						251
252						252
253						253
254						254
255						255
256						256
257						257
258						258
259						259
260						260
261						261
262						262
263						263
264						264
265						265
266						266
267						267
268						268
269						269
270						270
271						271
272						272
273						273
274						274
275						275
276						276
277						277
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282						282
283						283
284						284
285						285
286						286
287						287
288						288
289						289
290						290
291						291
292						292
293						293
294						294
295						295
296						296
297						297
298						298
299						299
300						300

PID - Photoionization Detector
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MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

KLEINFELDER Bright People. Right Solutions.	**1340 Charwood Road, Suite I** **Hanover, MD 21076** **(410) 850-0404**	BORING LOG **Boring No. MW-181A**

Project Name: Inactive Exxon Facility # 28077
Site Location: 14301 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

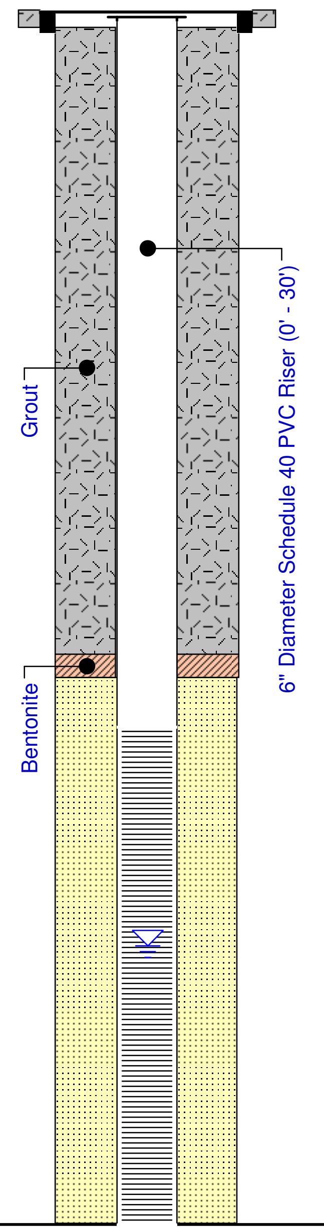
Start Date: 11-2-10
End Date: 11-3-10
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: 594.60 ft./msl.
Water Level (Initial): 39.20 feet
Water Level (Static): -
Logged By (Geol.): J. Beck

Permit No.: BA-95-3607
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE / **SAMPLE**

Depth (feet)	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)
	Ground Surface		
0–8	***ML*** SILT with sand, dark red-brown, quartzite cobbles, micacious (muscovite), oxidized, dry (Airknife to 8')		
8–20	***ML*** SILT with sand, dark red-brown, quartz fragments with muscovite, oxidized, dry		
20–27	***Ro*** Saprolite, with weathered Schist, brown		
27–50	***Br*** SCHIST, weathered, brown to gray, muscovite with trace quartz and biotite		
40			3.5
45			0.2

Well Construction



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MU - Meter Units
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BORING LOG

Boring No. **MW-181A**

Project Name: Inactive Exxon Facility # 28077
Site Location: 14301 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-2-10
End Date: 11-3-10
Total Hole Depth: 60 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: 594.60 ft./msl.
Water Level (Initial): 39.20 feet
Water Level (Static): -
Logged By (Geol.): J. Beck

Permit No.: BA-95-3607
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
51				1.6		51
52						52
53						53
54						54
55						55
56				0.1		56
57						57
58						58
59						59
60						60
61		End of Borehole				61
62						62
63						63
64						64
65						65
66						66
67						67
68						68
69						69
70						70
71						71
72						72
73						73
74						74
75						75
76						76
77						77
78						78
79						79
80						80
81						81
82						82
83						83
84						84
85						85
86						86
87						87
88						88
89						89
90						90
91						91
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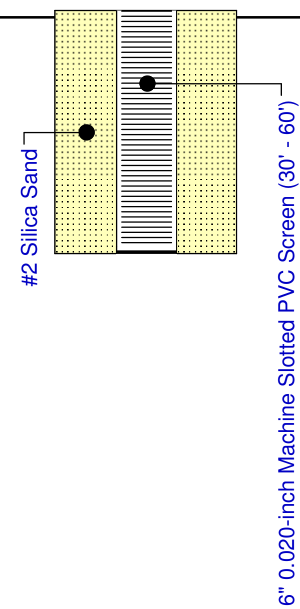
93						93
94						94
95						95
96						96
97						97
98						98
99						99
100						100



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

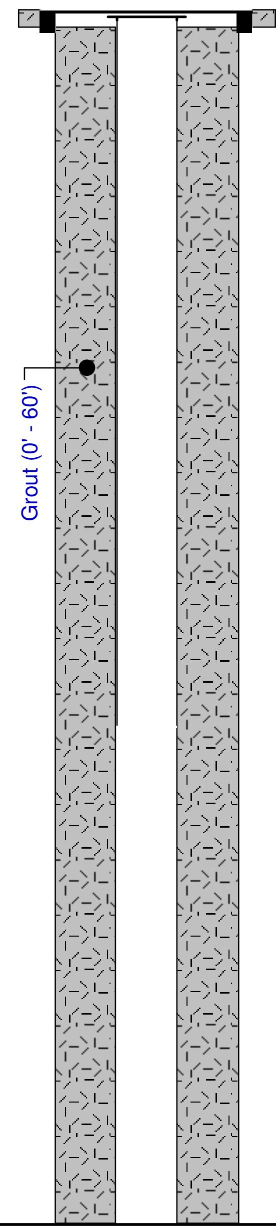
Boring No. MW-181B

Project Name: Inactive Exxon Facility # 28077
Site Location: 14301 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-8-10
Total Hole Depth: 125 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: 594.68 ft./msl.
Water Level (Initial): -
Water Level (Static): -
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3606
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface				
		ML SILT with sand, dark red-brown, quartzite cobbles, micacious (muscovite), oxidized, dry (Airknife to 8')				
		ML SILT with sand, dark red-brown, quartz fragments with muscovite, oxidized, dry				
		Ro Saprolite, with weathered Schist, brown				
		Br SCHIST, weathered, brown to gray, muscovite with trace biotite, quartz and garnets, oxidized				
		Br SCHIST, brown to gray, weathered, muscovite with trace biotite, quartz and garnets, oxidized				
		Br SCHIST, gray, unweathered, muscovite with trace biotite, quartz and garnets				



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG
Boring No. MW-181B

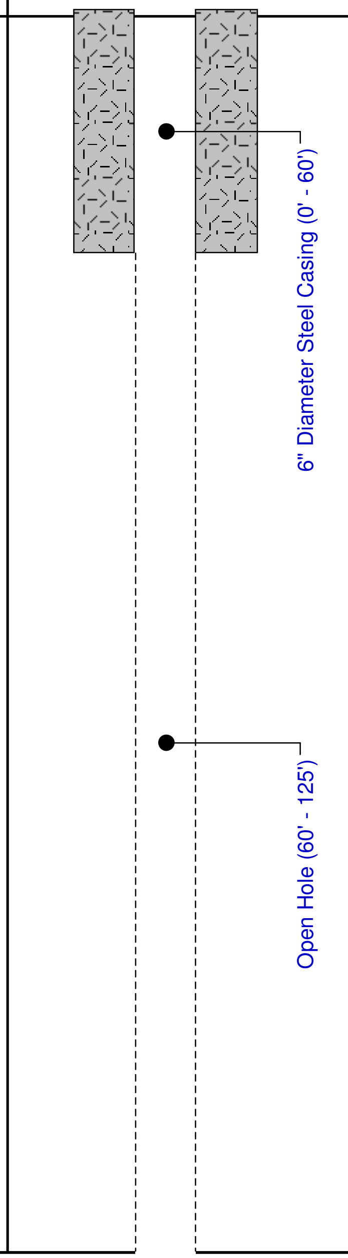
Project Name: Inactive Exxon Facility # 28077
Site Location: 14301 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-8-10
Total Hole Depth: 125 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: 594.68 ft./msl.
Water Level (Initial): -
Water Level (Static): -
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3606
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)

Depth (feet): 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100



Depth (feet): 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG
Boring No. MW-181B

Project Name: Inactive Exxon Facility # 28077
Site Location: 14301 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-8-10
Total Hole Depth: 125 feet
Hole Diameter: 10 inches
Depth to Bedrock: 27 feet
Surface Elevation: 594.68 ft./msl.
Water Level (Initial): -
Water Level (Static): -
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3606
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
101–125						101–125
125		End of Borehole				125
126–150						126–150

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

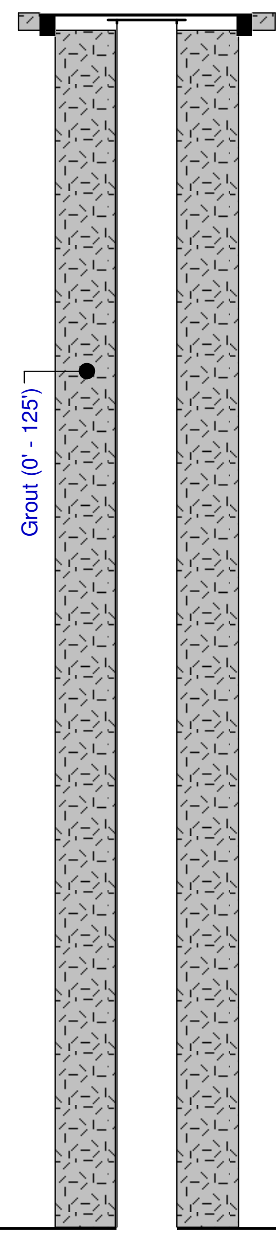
Boring No. MW-181C

Project Name: Inactive Exxon Facility # 28077
Site Location: 14301 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-8-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 28 feet
Surface Elevation: 594.76 ft./msl.
Water Level (Initial): -
Water Level (Static): -
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3605
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
		Ground Surface				
0		**ML** SILT with sand, dark red-brown, quartzite cobbles, micacious (muscovite), oxidized (Airknife to 8')			Grout (0' - 125')	0
8		**ML** SILT with sand, dark red-brown, quartz fragments with muscovite, oxidized, trace biotite				8
20		**Ro** Saprolite, with weathered Schist, brown				20
27		**Br** SCHIST, moderately weathered, brown to gray, muscovite with trace biotite, quartz and garnets, oxidized				27
45		**Br** SCHIST, brown to gray, weathered, muscovite with trace biotite, quartz and garnets, oxidized				45



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

Boring No. **MW-181C**

Project Name:	Inactive Exxon Facility # 28077	***Start Date:***	11-1-10	***Permit No.:***	BA-95-3605
Site Location:	14301 Jarrettsville Pike	***End Date:***	11-8-10	***License No.:***	MWD421
Kleinfelder Project No:	108818	***Total Hole Depth:***	300 feet	***Checked By:***	K. Braun
Client:	ExxonMobil	***Hole Diameter:***	10 - 15 inches	***Notes:***	Airknife to 8 feet
Drilling Company:	BL Myers	***Depth to Bedrock:***	28 feet		
Driller:	Stephen Saul	***Surface Elevation:***	594.76 ft./msl.		
Drill Rig Type:	Atlas CapCo T3	***Water Level (Initial):***	-		
Drilling Method:	Air Rotary	***Water Level (Static):***	-		
Sampling Method:		***Logged By (Geol.):***	J. Beck / R. Montero		

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
51–59		**Br** SCHIST, gray, weathered, oxidized				51–59
60–100		**Br** SCHIST, gray, unweathered, muscovite with trace biotite, quartz and garnets				60–100

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

Boring No. MW-181C

Project Name: Inactive Exxon Facility # 28077
Site Location: 14301 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-8-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 28 feet
Surface Elevation: 594.76 ft./msl.
Water Level (Initial): -
Water Level (Static): -
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3605
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
101						101
102						102
103						103
104						104
105						105
106						106
107						107
108						108
109						109
110						110
111						111
112						112
113						113
114						114
115						115
116						116
117						117
118						118
119						119
120						120
121						121
122						122
123						123
124						124
125						125
126						126
127						127
128						128
129						129
130						130
131						131
132						132
133						133
134						134
135						135
136						136
137						137
138						138
139						139
140						140
141						141
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143						143
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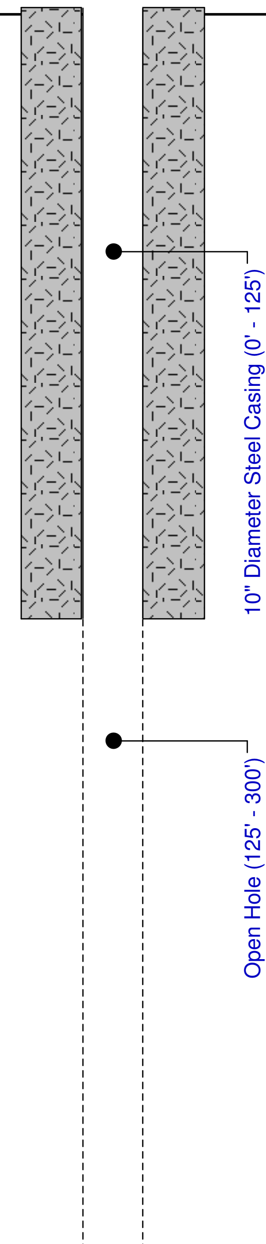
145						145
146						146
147						147
148						148
149						149
150						150



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

KLEINFELDER Bright People. Right Solutions.	1340 Charwood Road, Suite I Hanover, MD 21076 (410) 850-0404	BORING LOG **Boring No. MW-181C**

Project Name: Inactive Exxon Facility # 28077
Site Location: 14301 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-8-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 28 feet
Surface Elevation: 594.76 ft./msl.
Water Level (Initial): -
Water Level (Static): -
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3605
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
151–164						151–164
165–169		**Br** QUARTZ angular with muscovite (70% Quartz, 25% Muscovite), trace biotite and garnets, unweathered				165–169
170–200		**Br** SCHIST, gray, unweathered, muscovite with trace biotite and garnets				170–200

PID - Photoionization Detector
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BORING LOG
Boring No. MW-181C

Project Name: Inactive Exxon Facility # 28077
Site Location: 14301 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

Start Date: 11-1-10
End Date: 11-8-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 28 feet
Surface Elevation: 594.76 ft./msl.
Water Level (Initial): -
Water Level (Static): -
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3605
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
201						201
202						202
203						203
204						204
205						205
206						206
207						207
208						208
209						209
210						210
211						211
212						212
213						213
214						214
215						215
216						216
217						217
218						218
219						219
220						220
221						221
222						222
223						223
224						224
225						225
226						226
227						227
228						228
229						229
230						230
231						231
232						232
233						233
234						234
235						235
236						236
237						237
238						238
239						239
240						240
241						241
242						242
243						243
244						244
245						245
246						246
247						247
248						248
249						249
250						250

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

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BORING LOG

Boring No. MW-181C

Project Name: Inactive Exxon Facility # 28077
Site Location: 14301 Jarrettsville Pike
Kleinfelder Project No: 108818
Client: ExxonMobil
Drilling Company: BL Myers
Driller: Stephen Saul
Drill Rig Type: Atlas CapCo T3
Drilling Method: Air Rotary
Sampling Method:

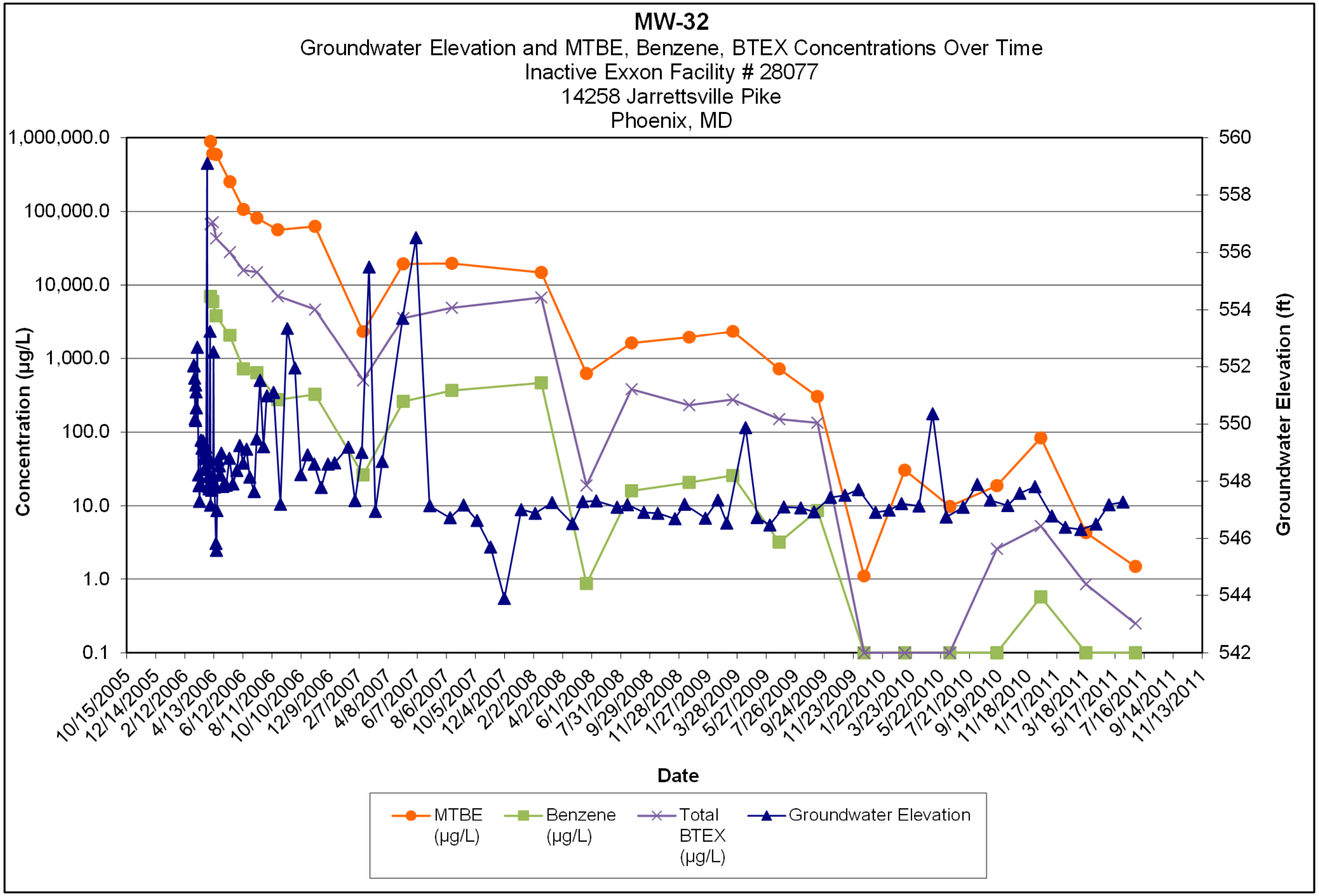
Start Date: 11-1-10
End Date: 11-8-10
Total Hole Depth: 300 feet
Hole Diameter: 10 - 15 inches
Depth to Bedrock: 28 feet
Surface Elevation: 594.76 ft./msl.
Water Level (Initial): -
Water Level (Static): -
Logged By (Geol.): J. Beck / R. Montero

Permit No.: BA-95-3605
License No.: MWD421
Checked By: K. Braun
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE			
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	Sample ID	PID (ppm)	Well Construction	Depth (feet)
251						251
252						252
253						253
254						254
255						255
256						256
257						257
258						258
259						259
260						260
261						261
262						262
263						263
264						264
265						265
266						266
267						267
268						268
269						269
270						270
271						271
272						272
273						273
274						274
275						275
276						276
277						277
278						278
279						279
280						280
281						281
282						282
283						283
284						284
285						285
286						286
287						287
288						288
289						289
290						290
291						291
292						292
293						293
294						294
295						295
296						296
297						297
298						298
299						299
300						300

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

APPENDIX B
Near Northeast Area Groundwater Concentration and Potentiometric Elevation Charts



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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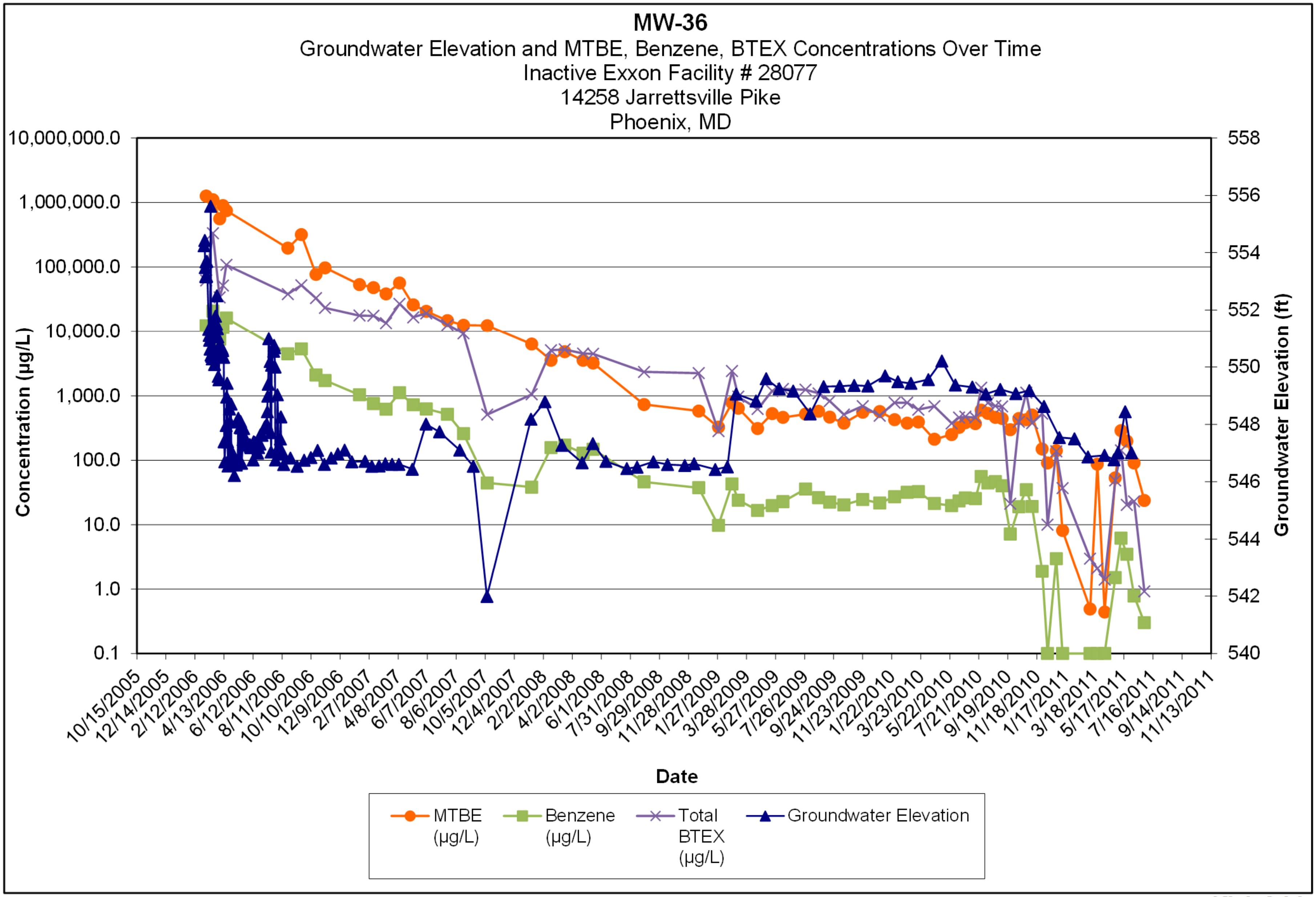

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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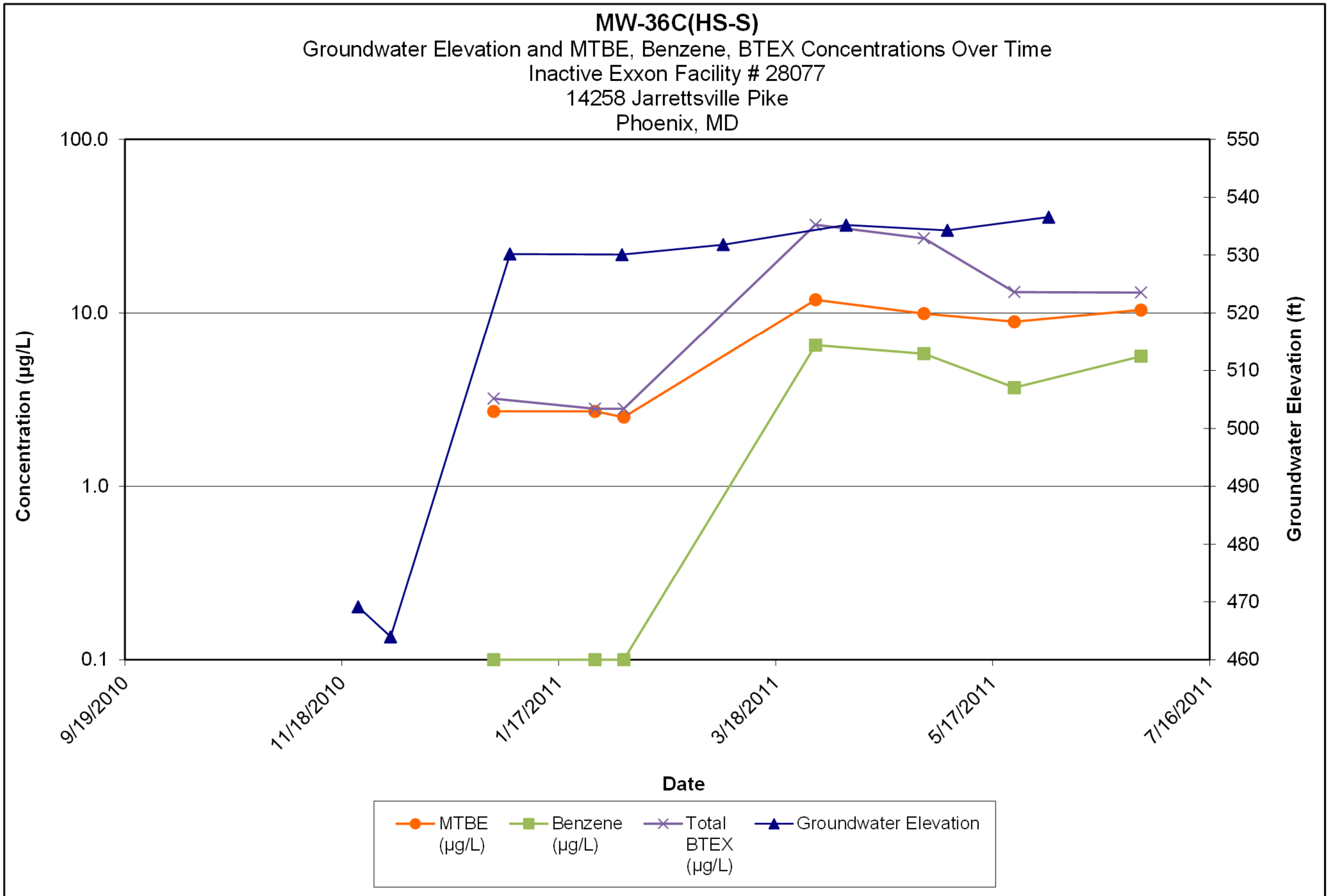

Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-S = Shallow Composite HydraSleeve set at 1/2 of open borehole.

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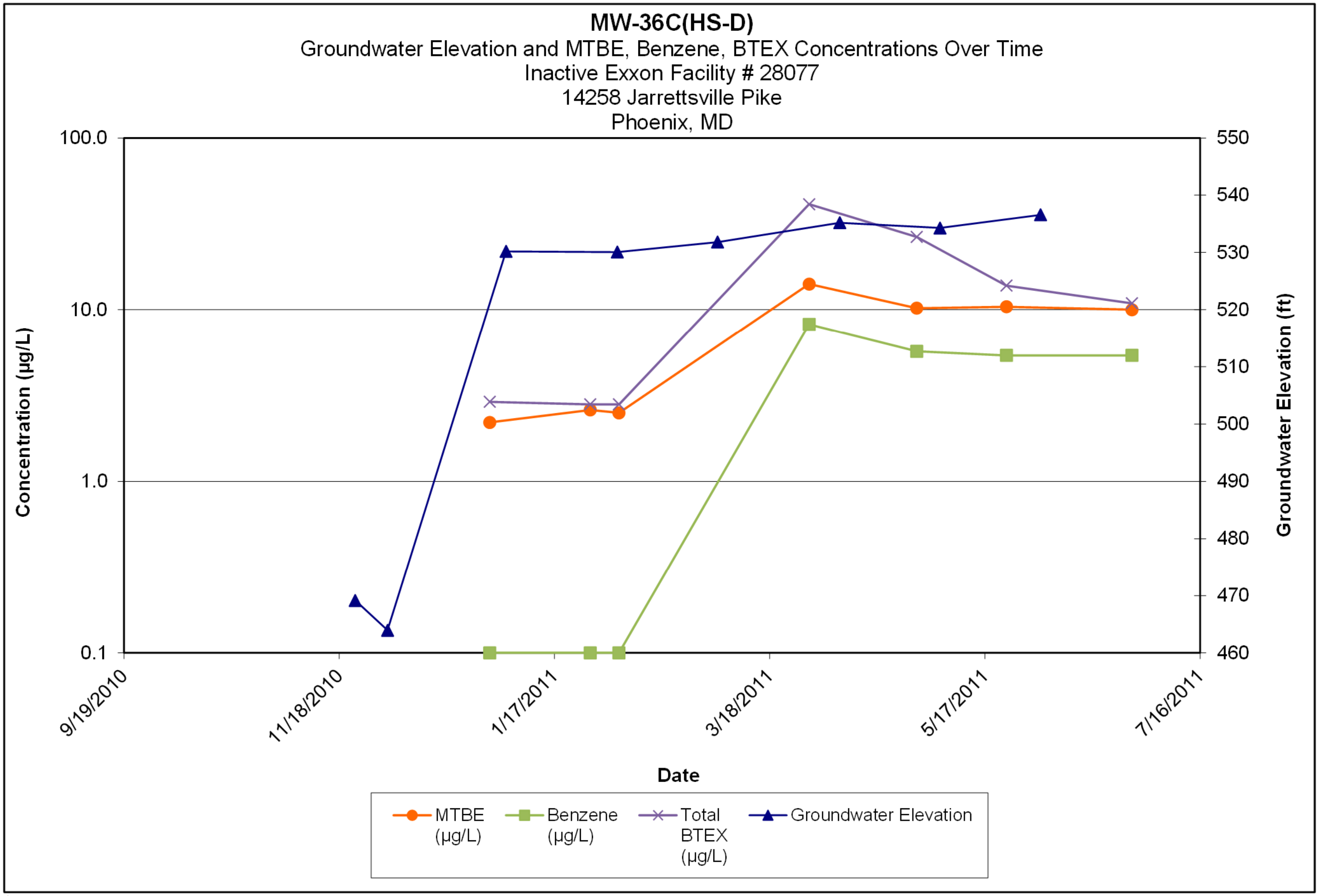

Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-D = Deep Composite HydraSleeve set at bottom of open borehole.

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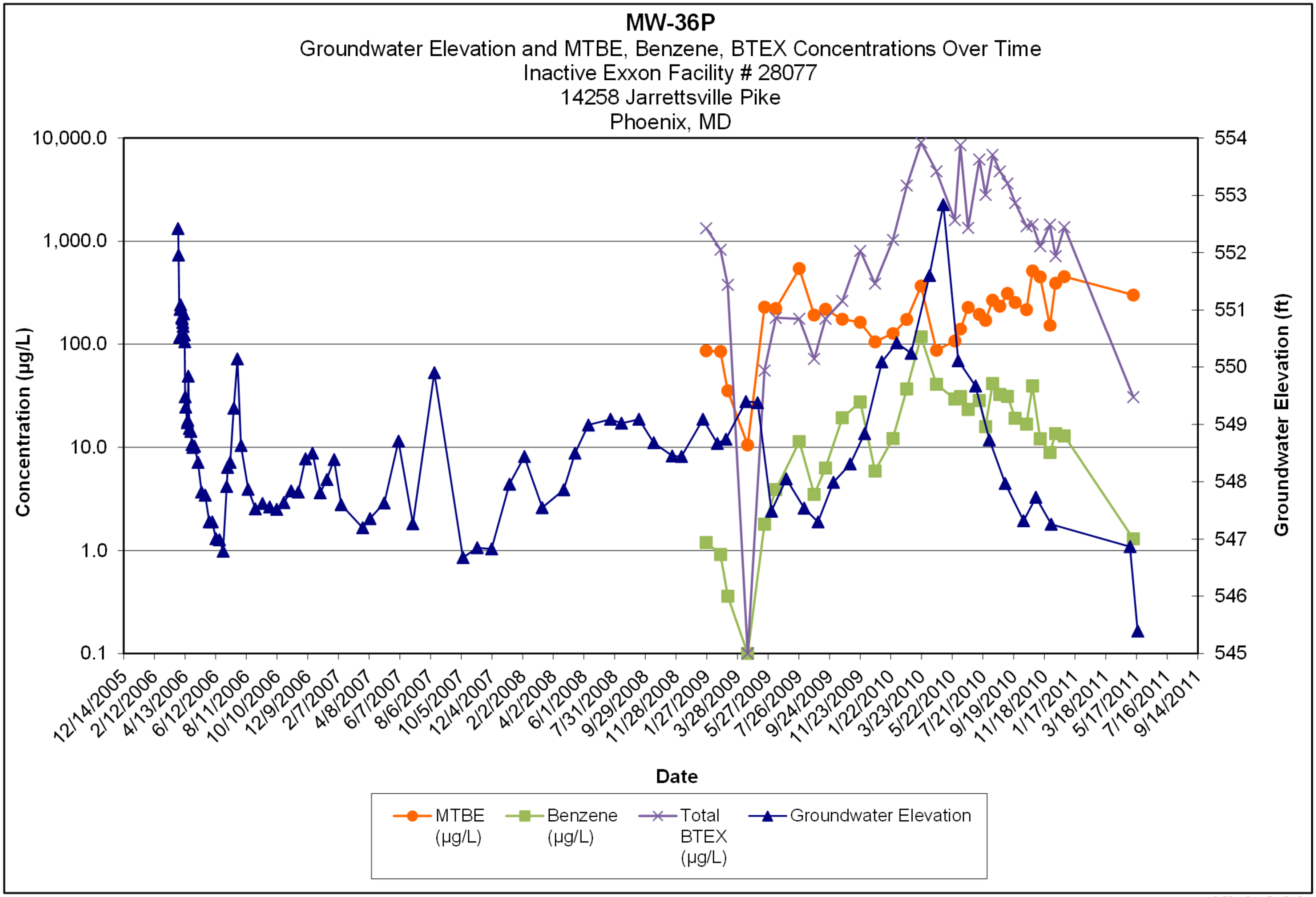

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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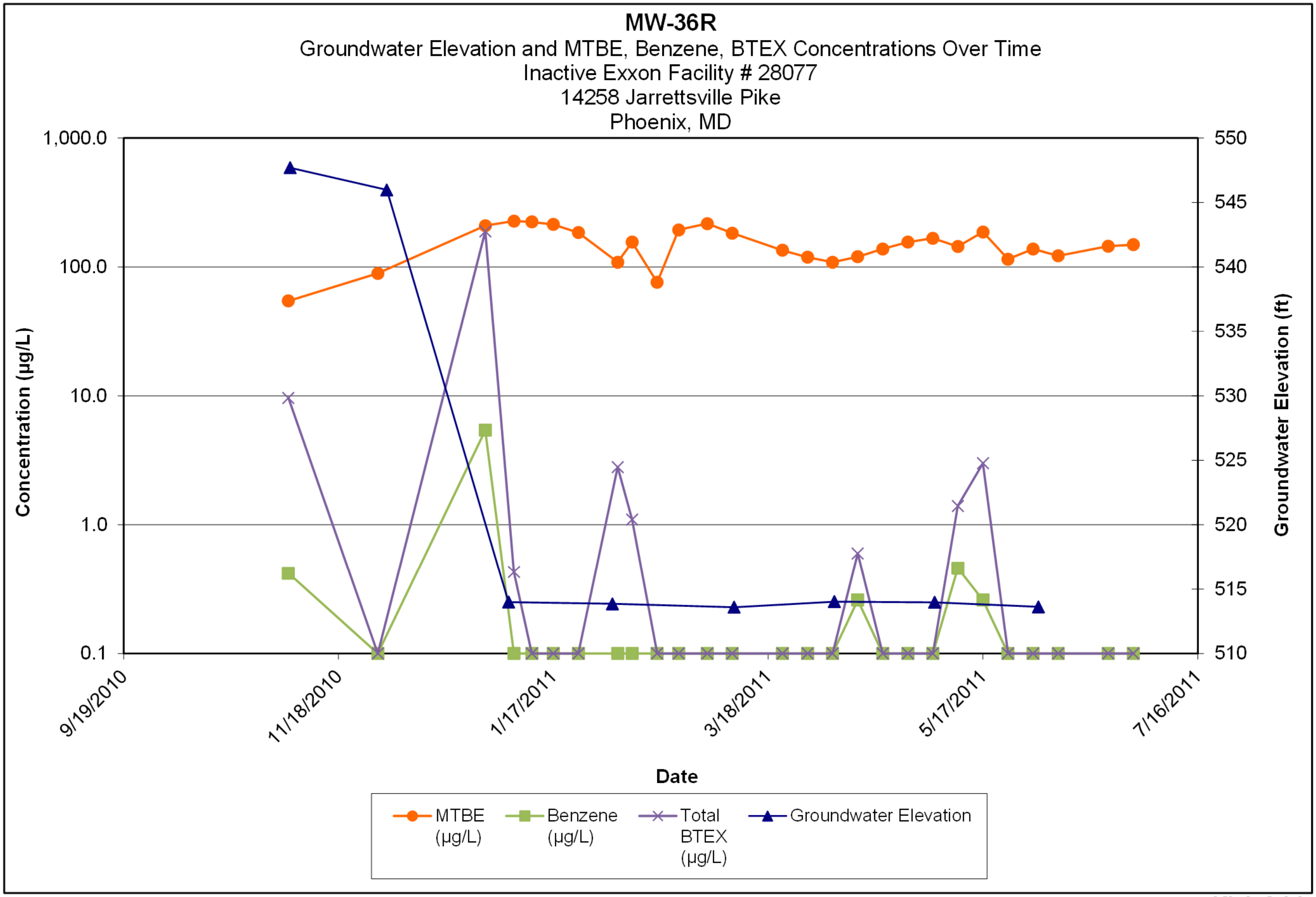

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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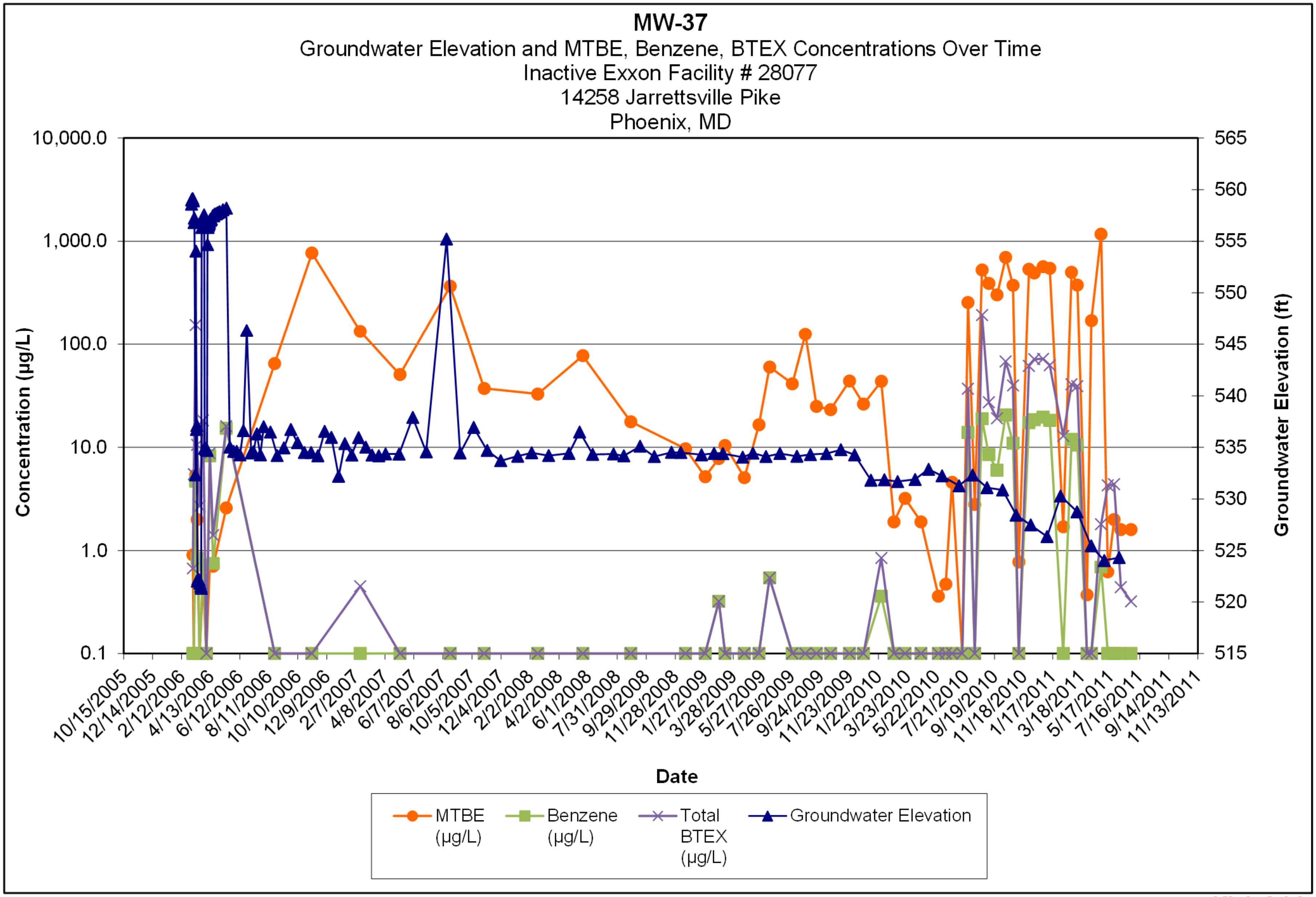

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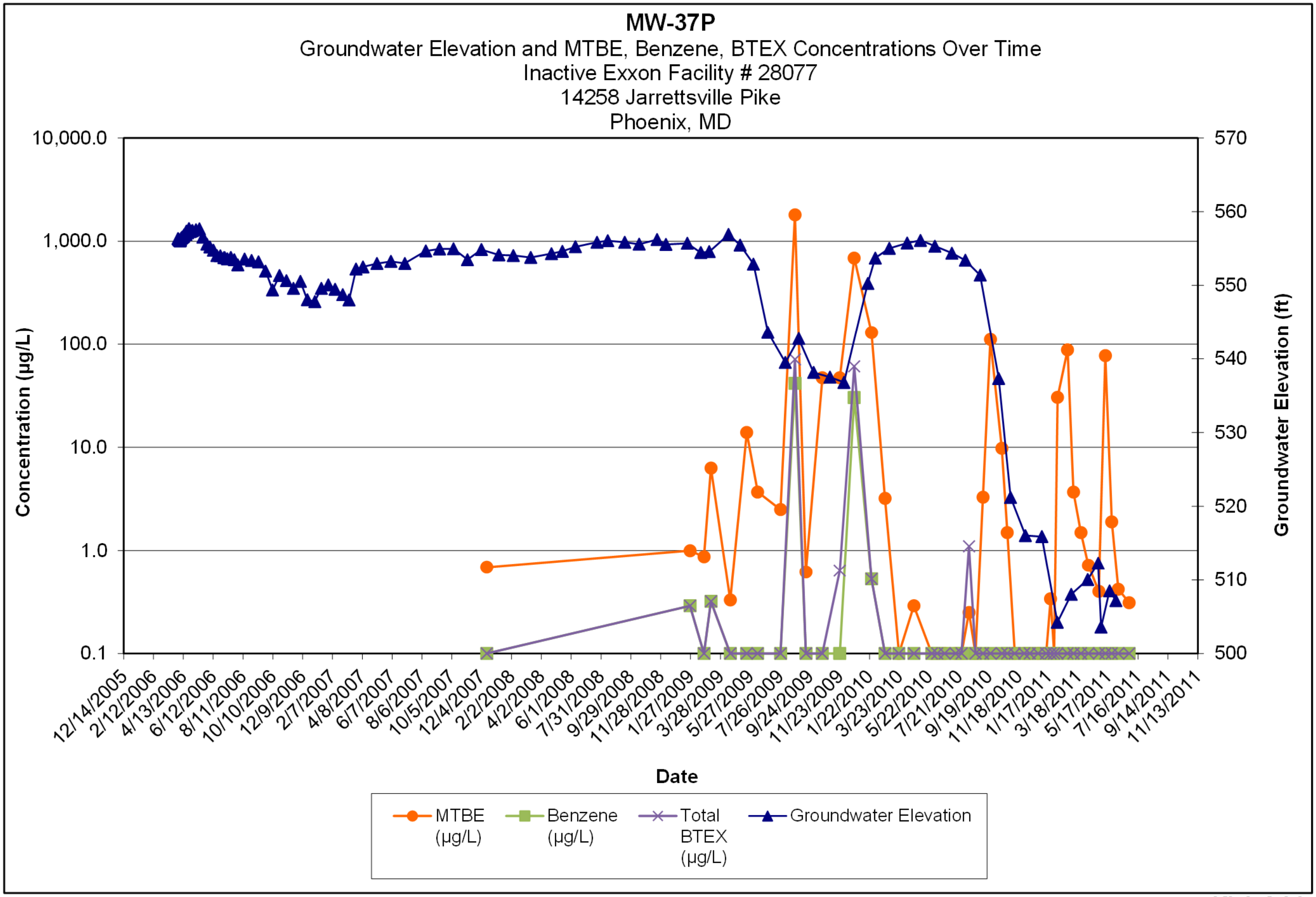
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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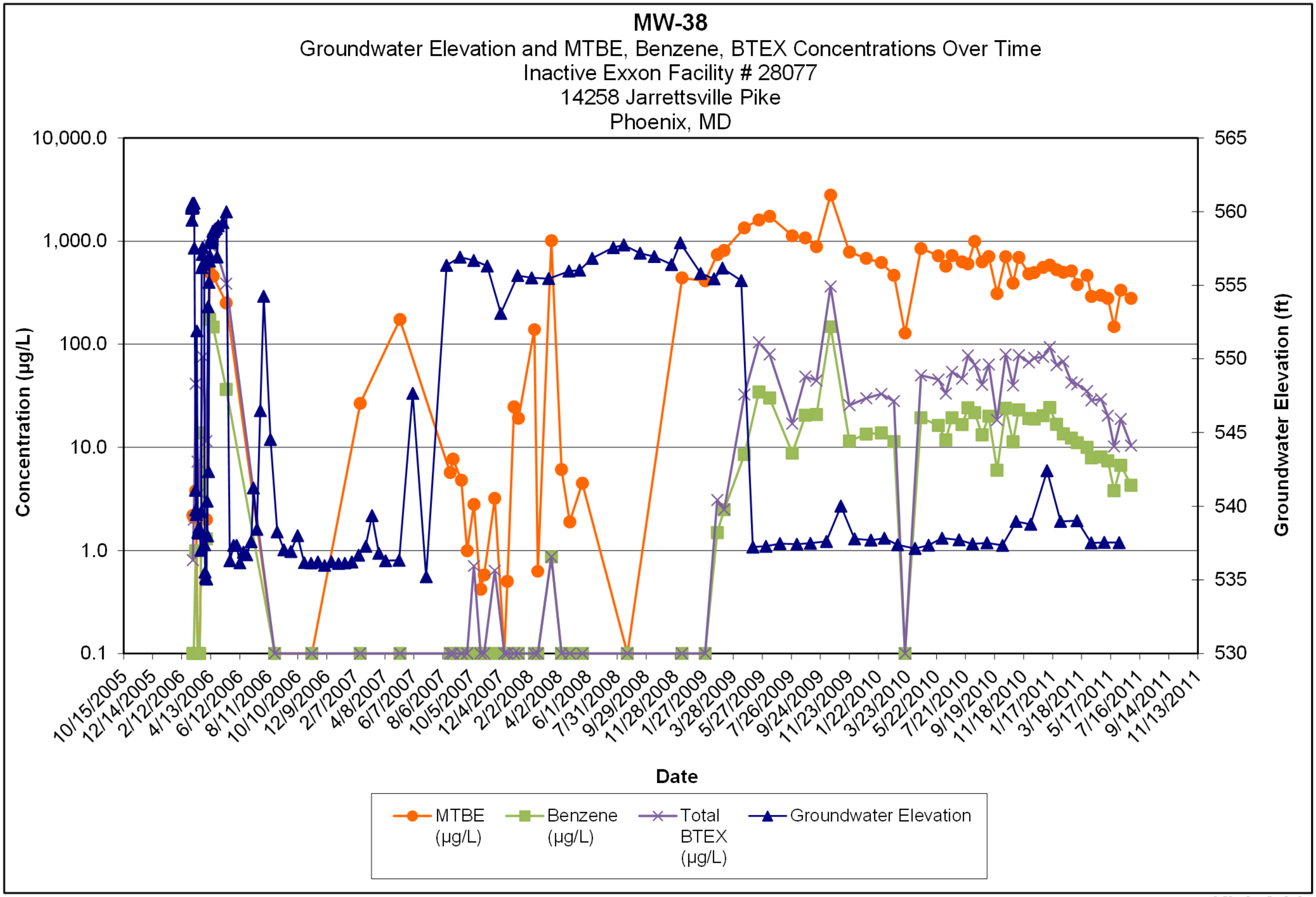

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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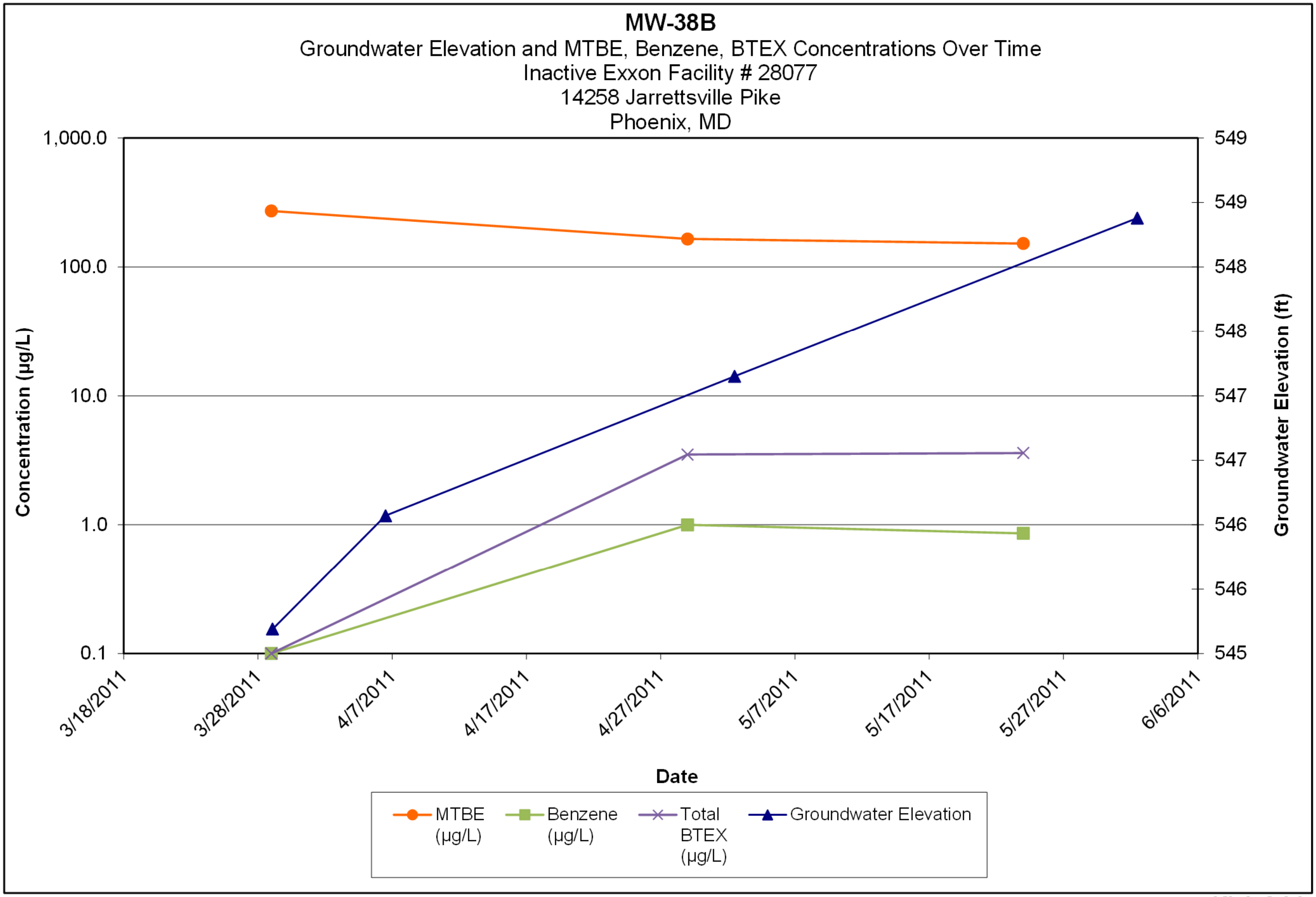

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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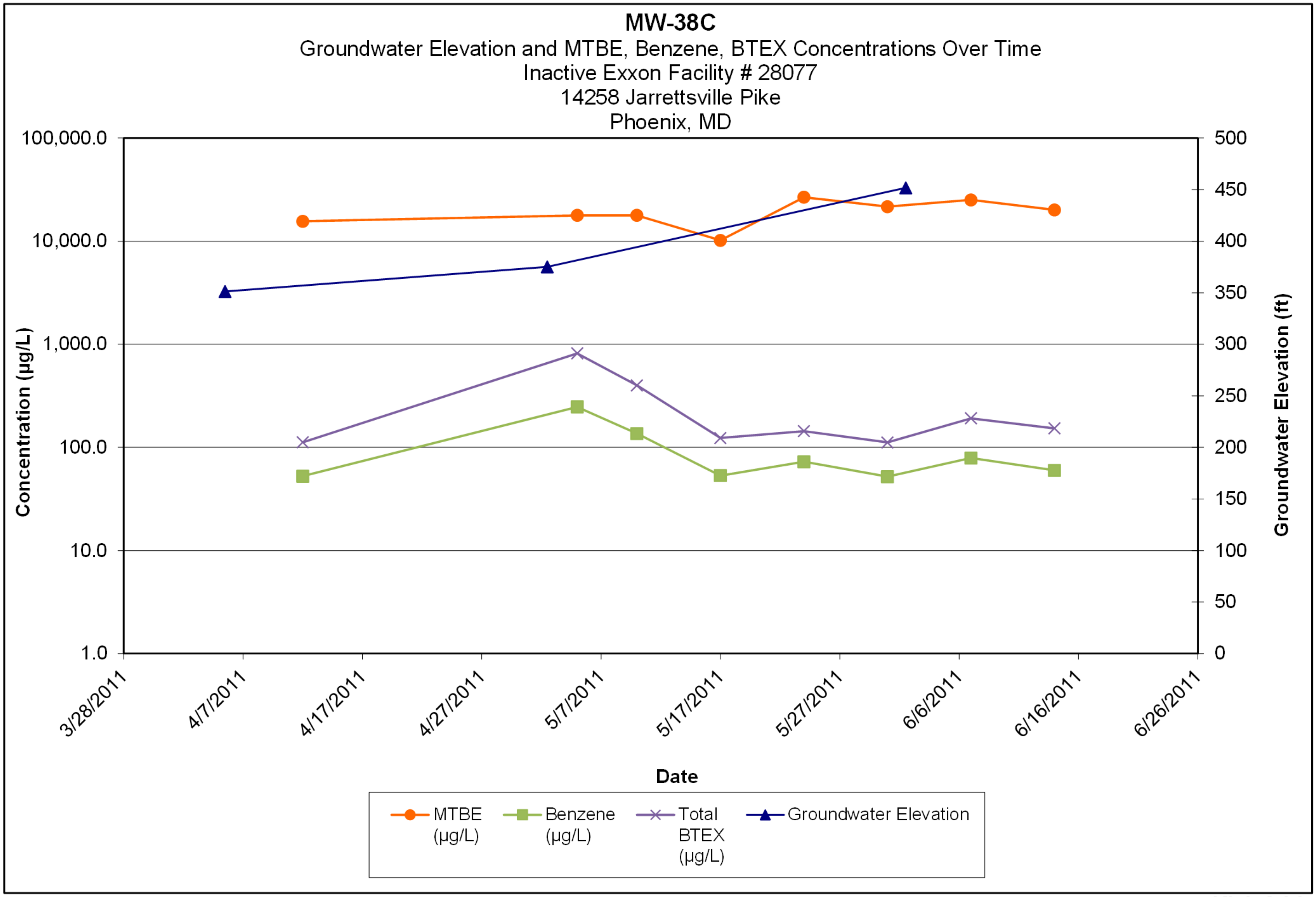

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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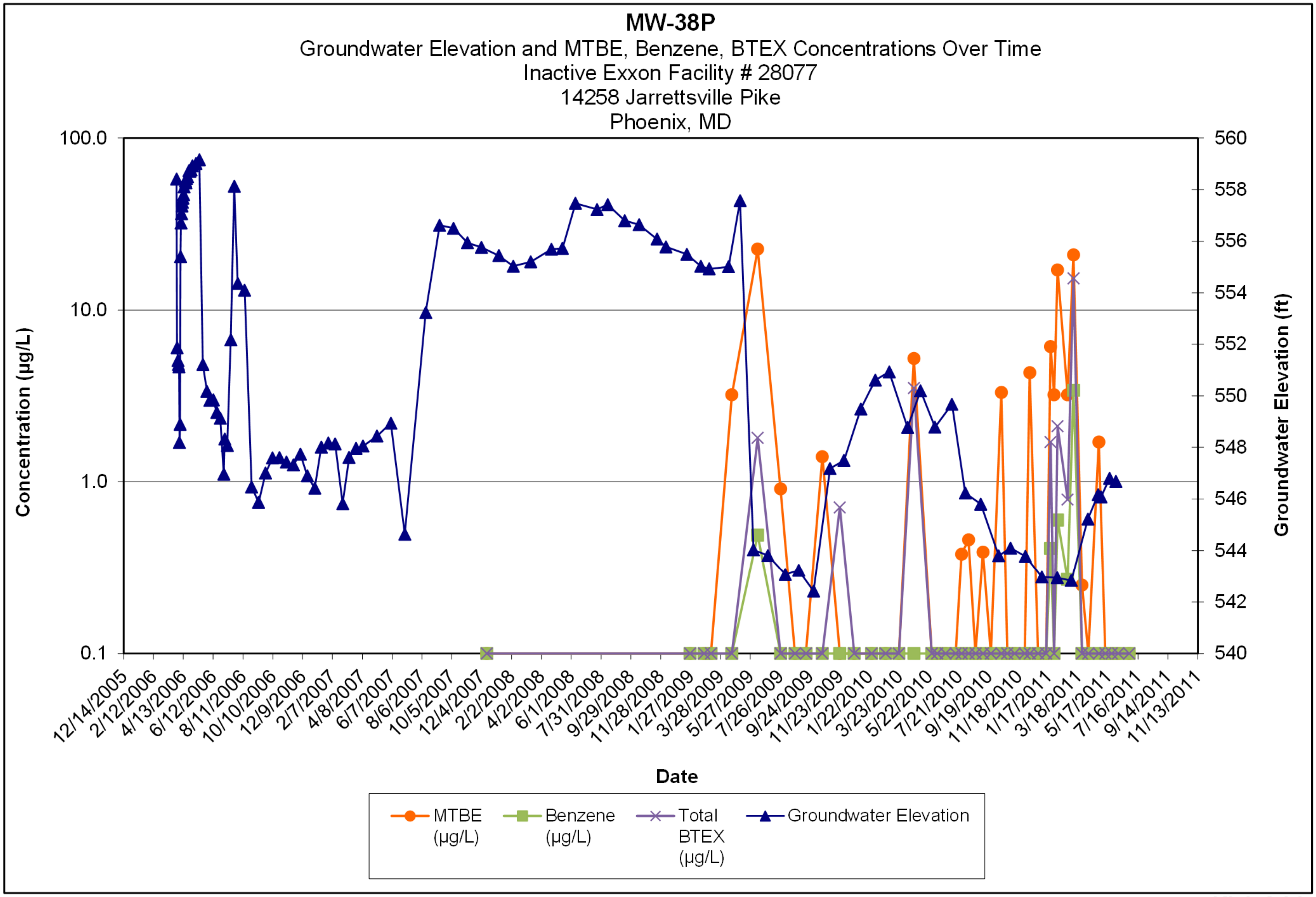

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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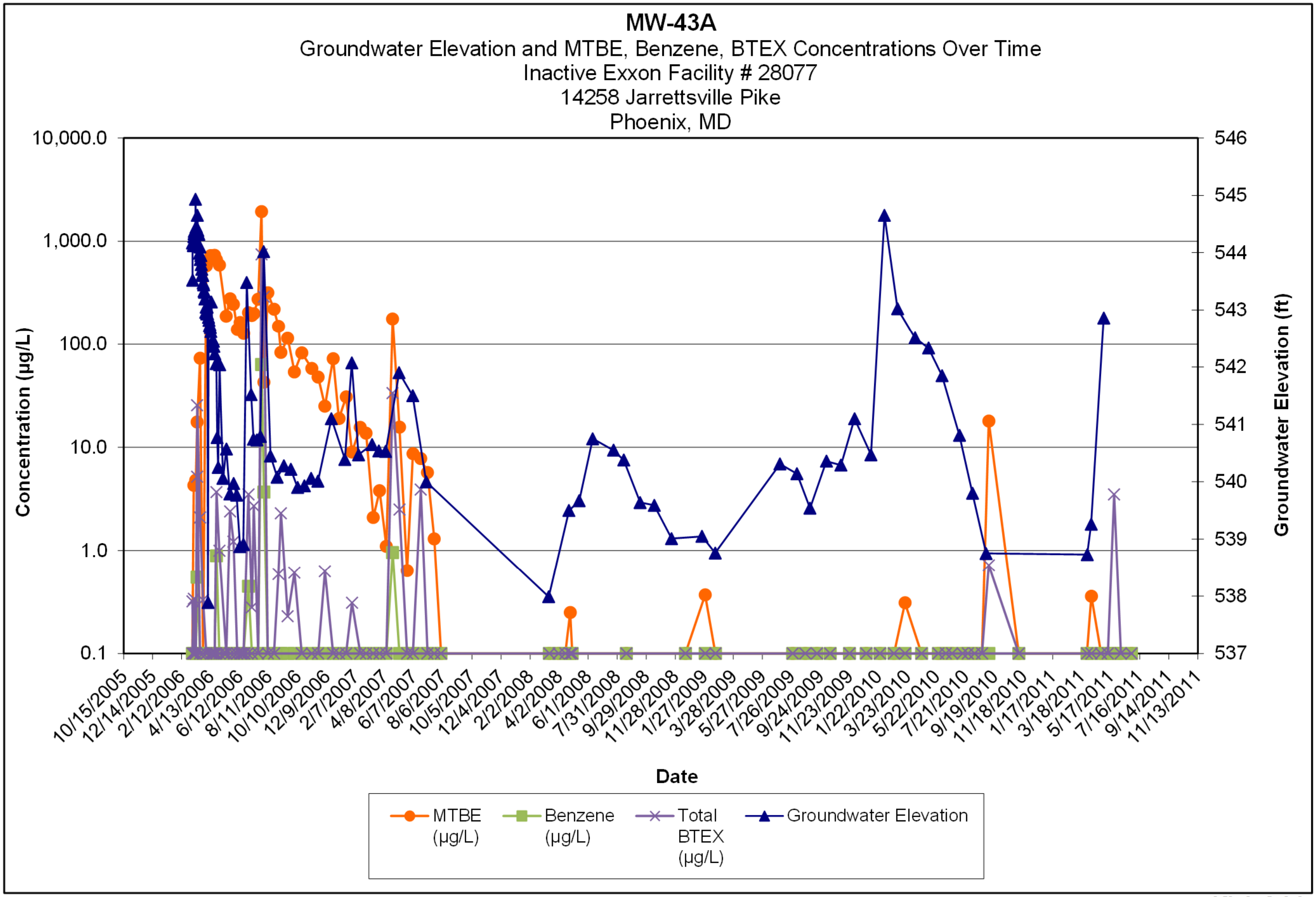

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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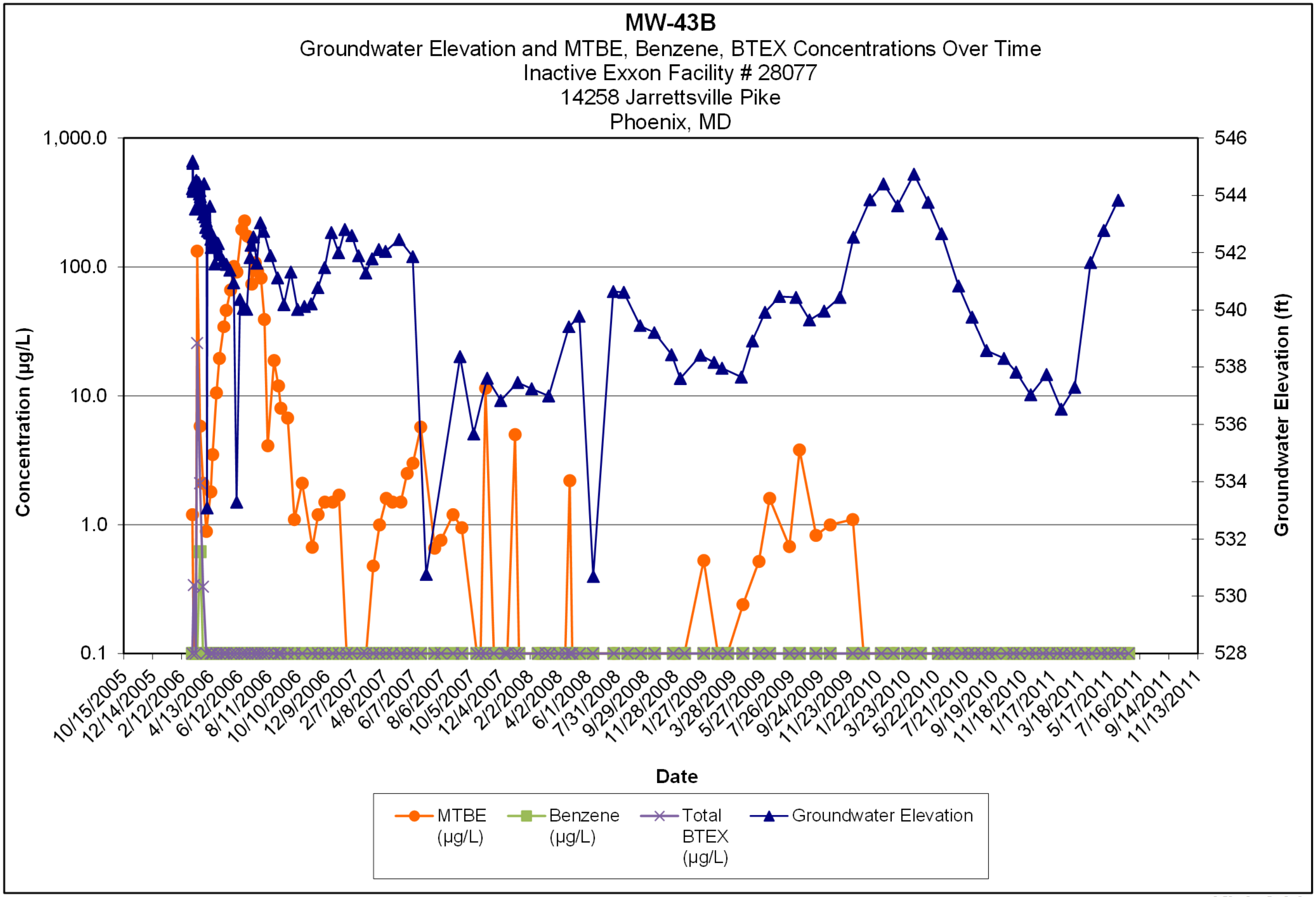

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
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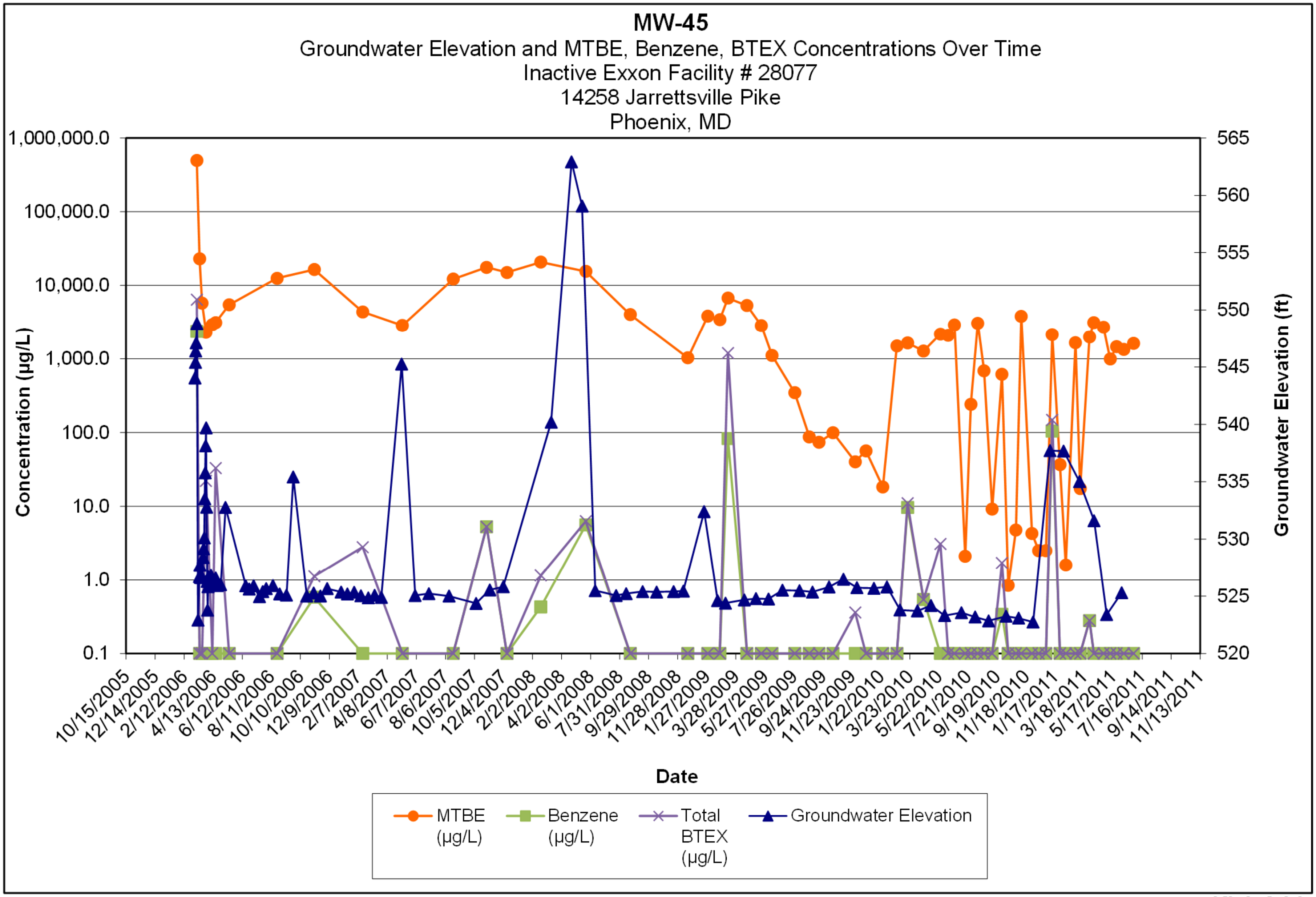

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
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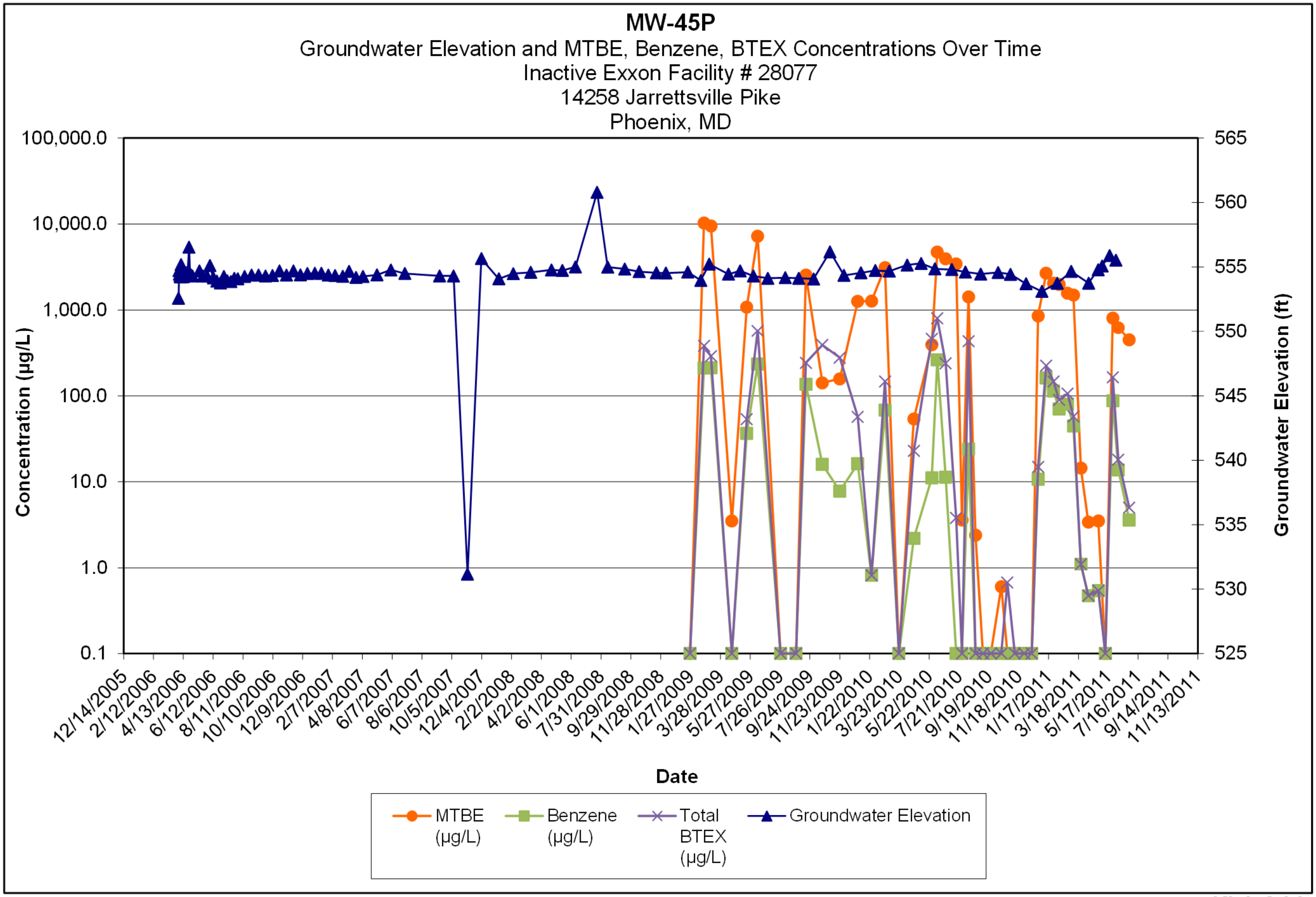

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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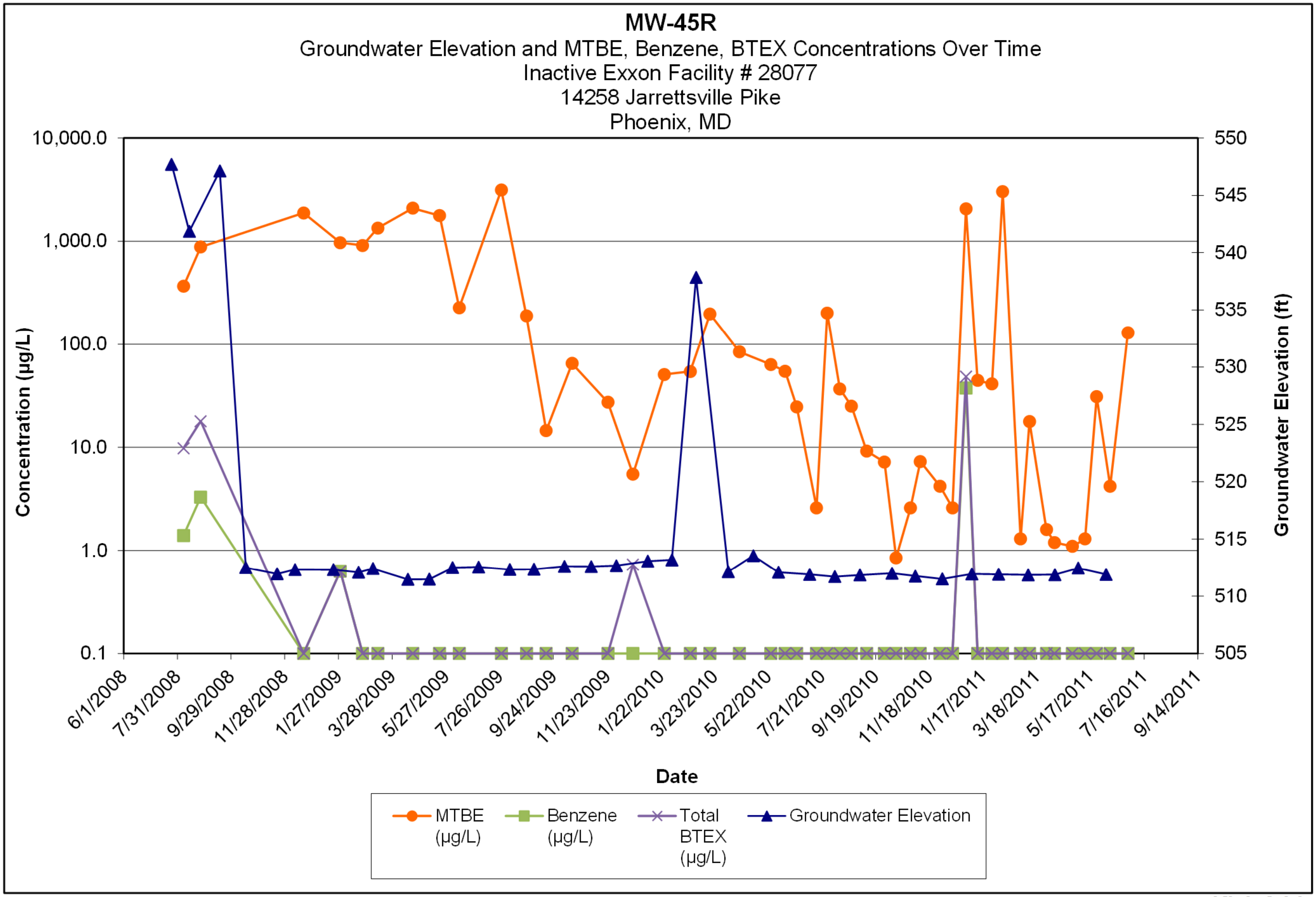

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
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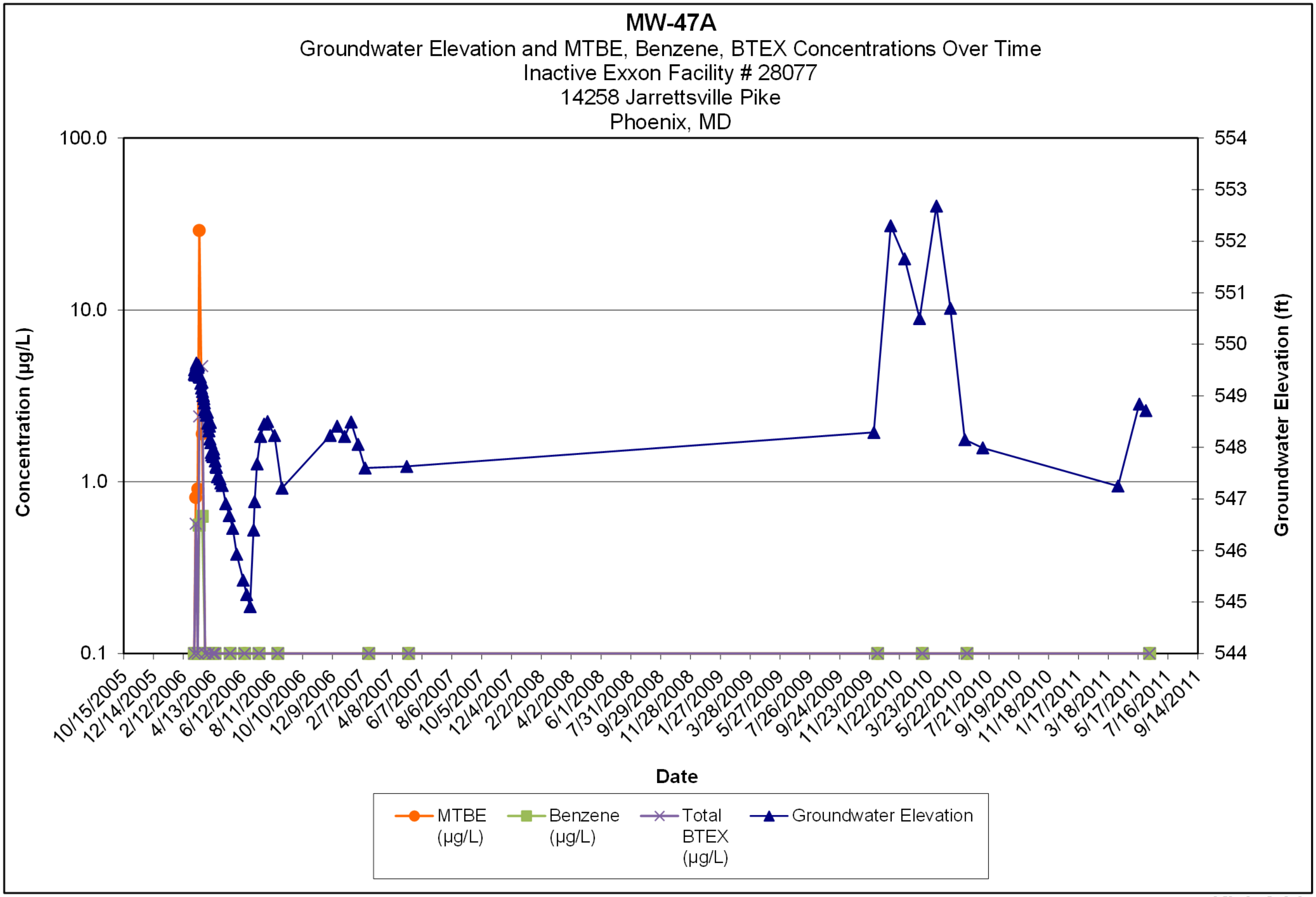

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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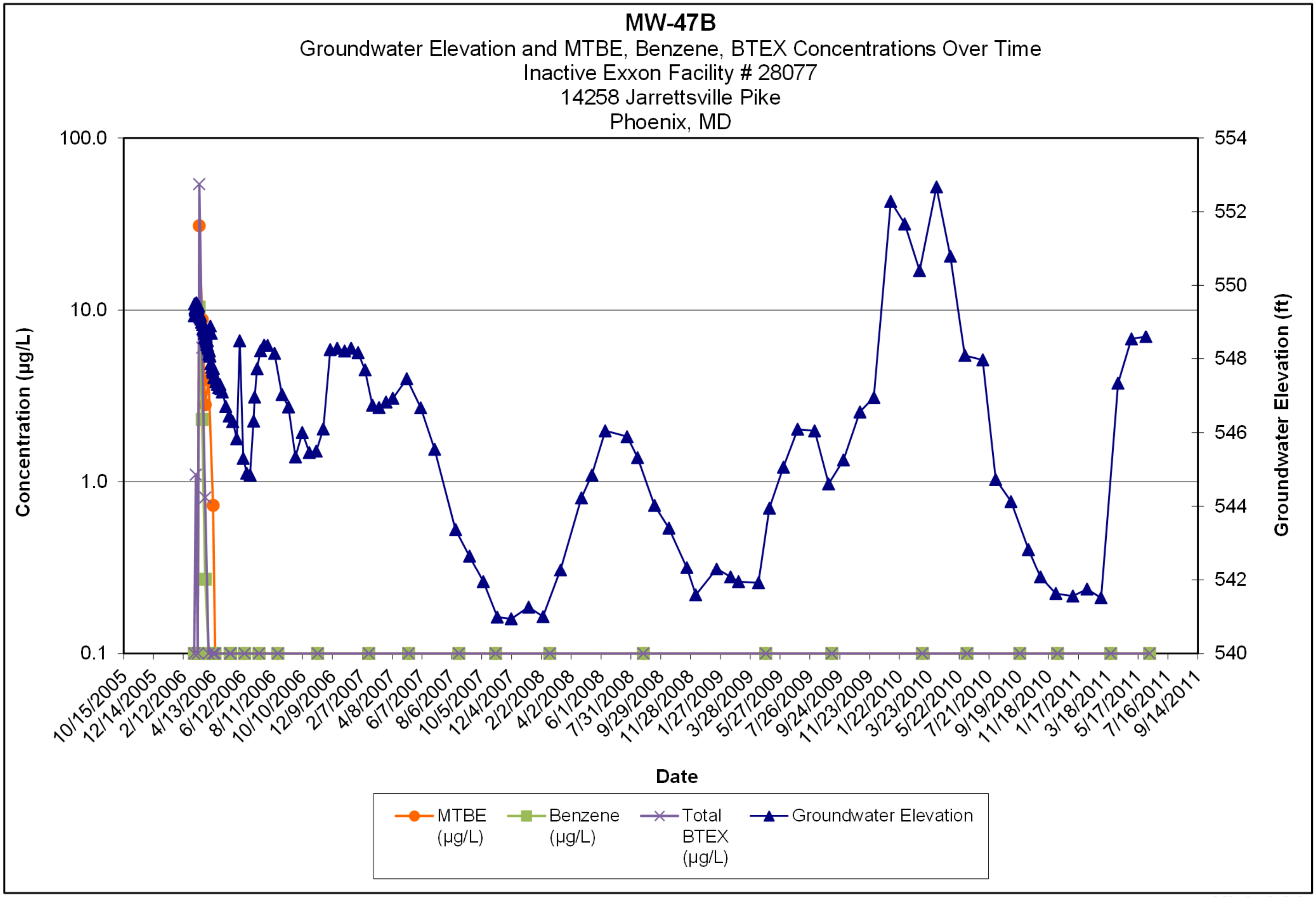

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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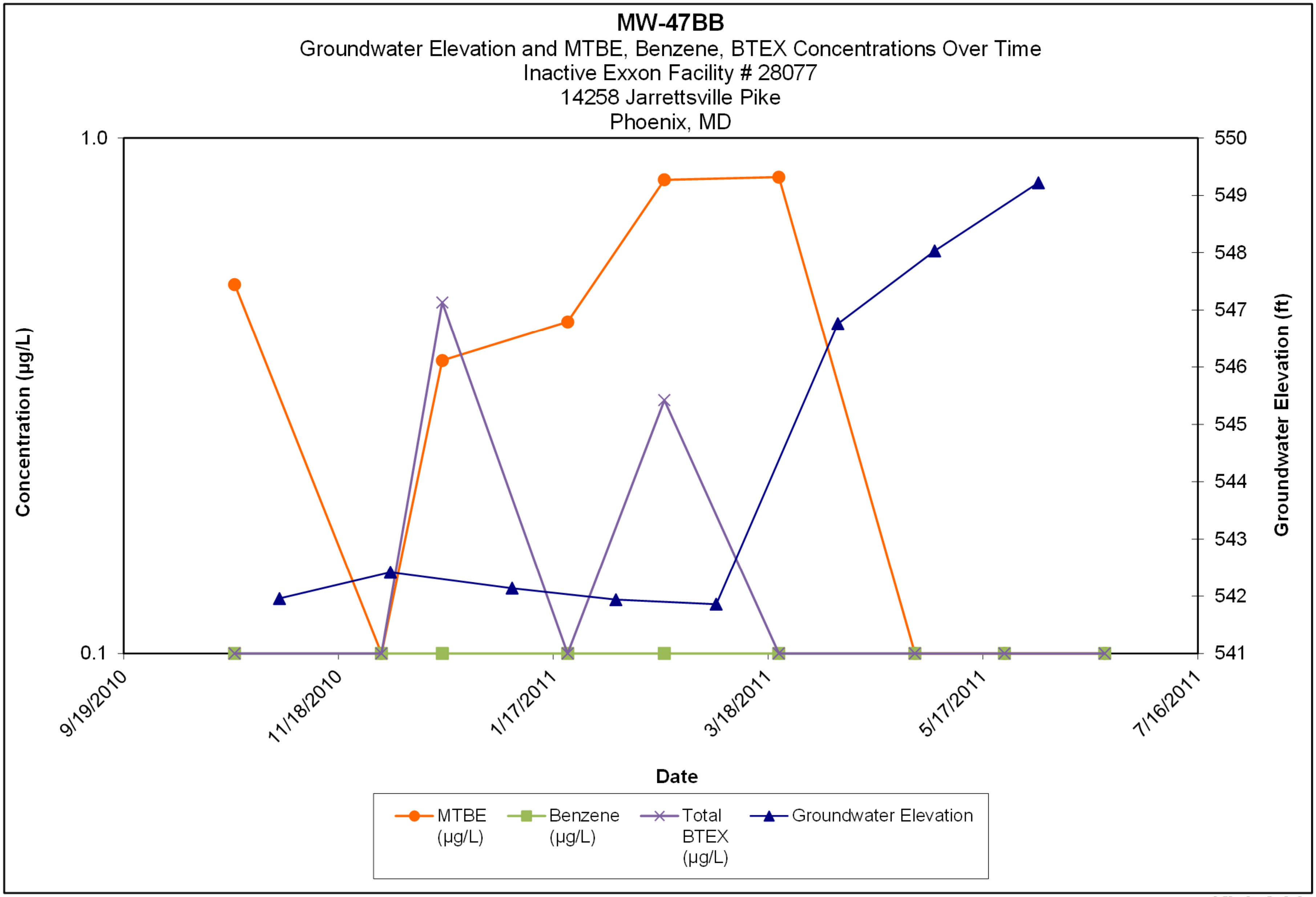

Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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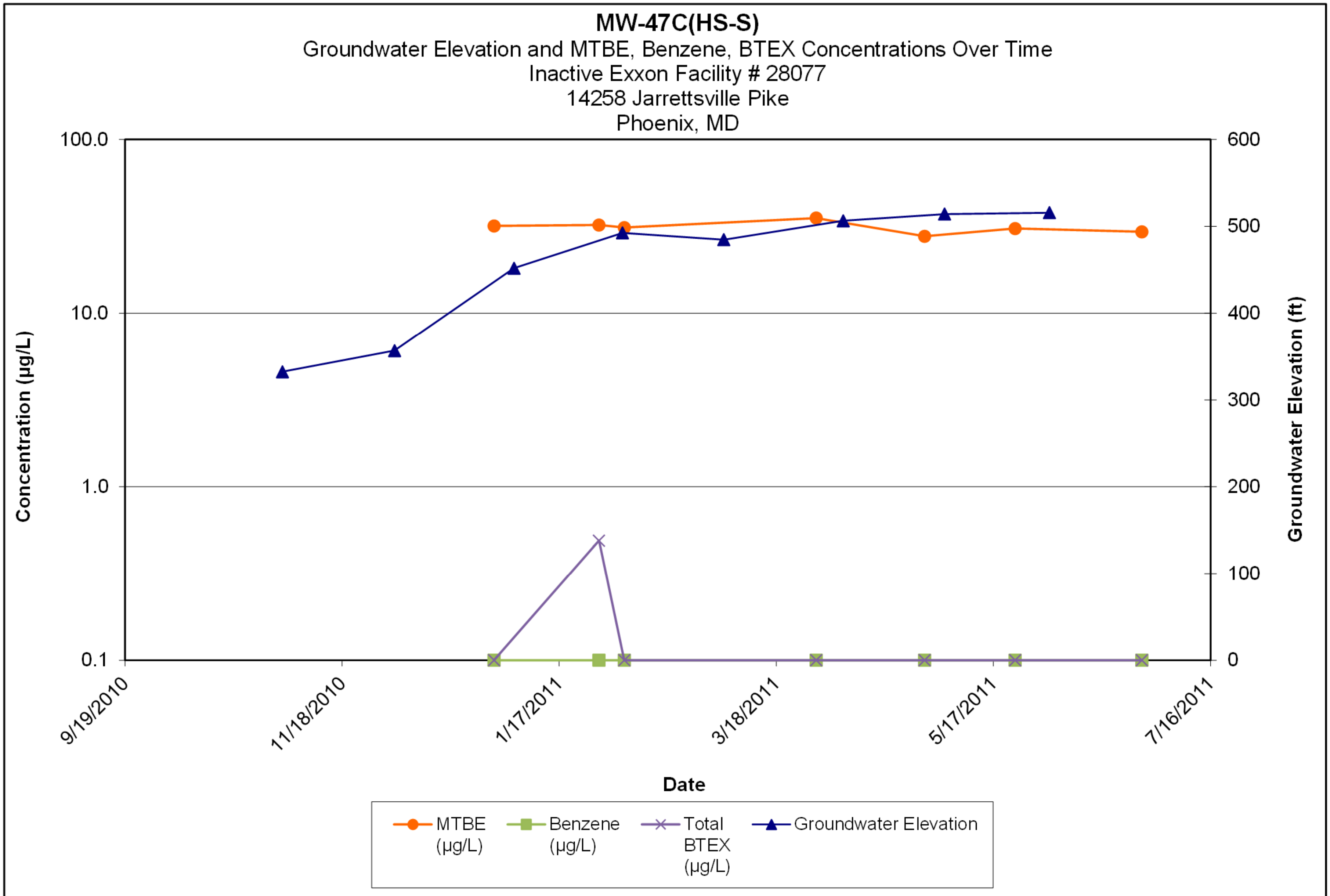

Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-S = Shallow Composite HydraSleeve set at 1/2 of open borehole.

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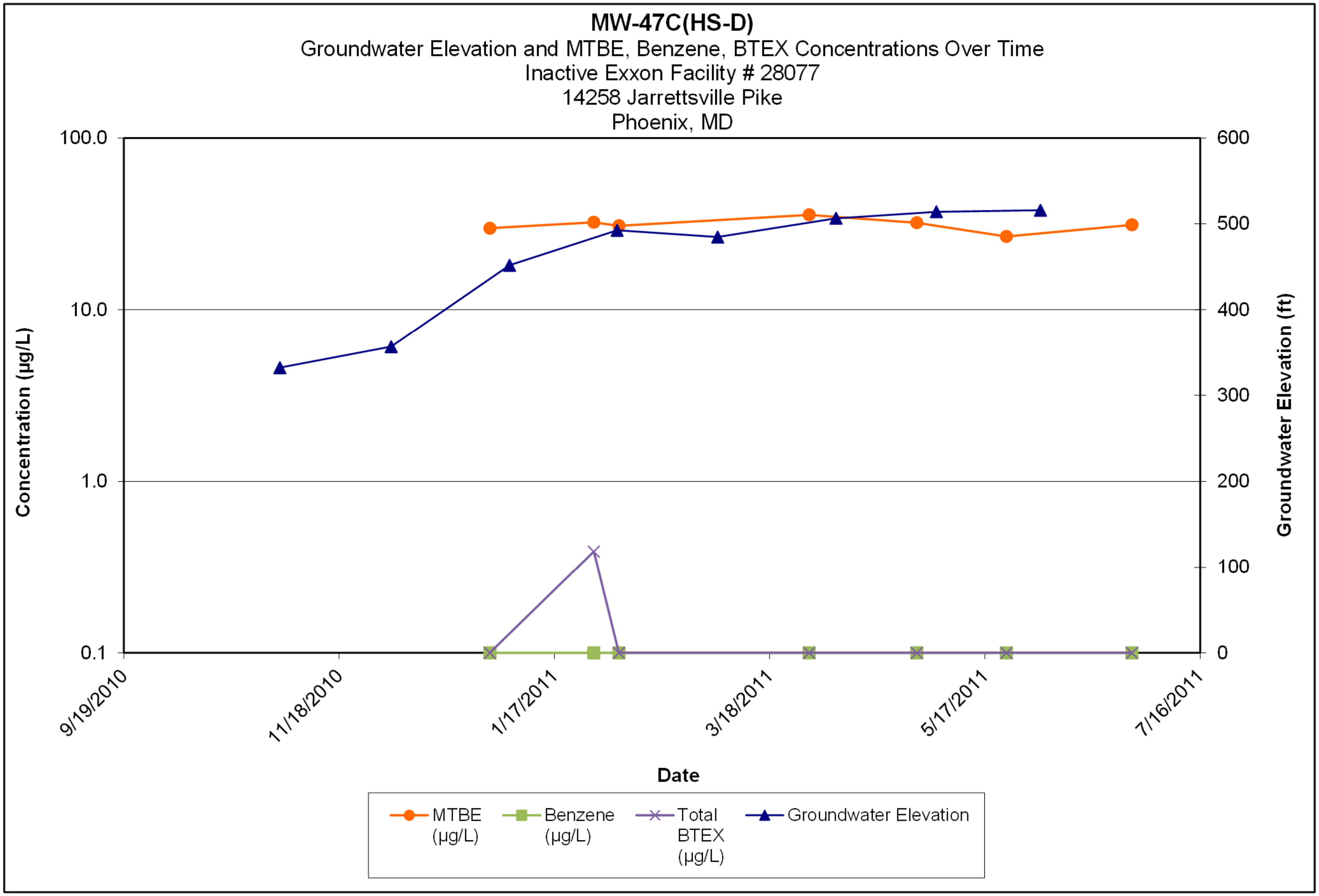
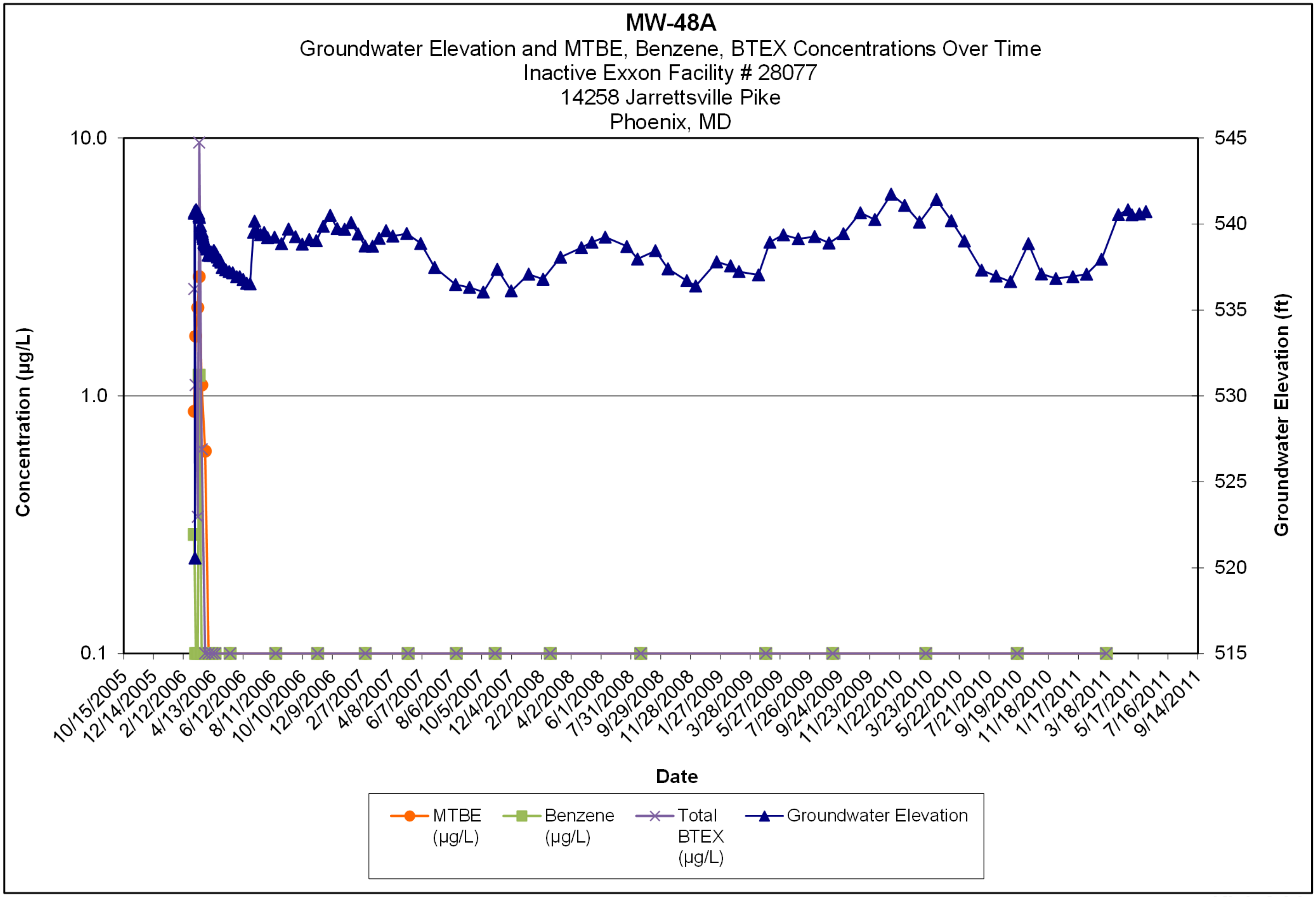


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

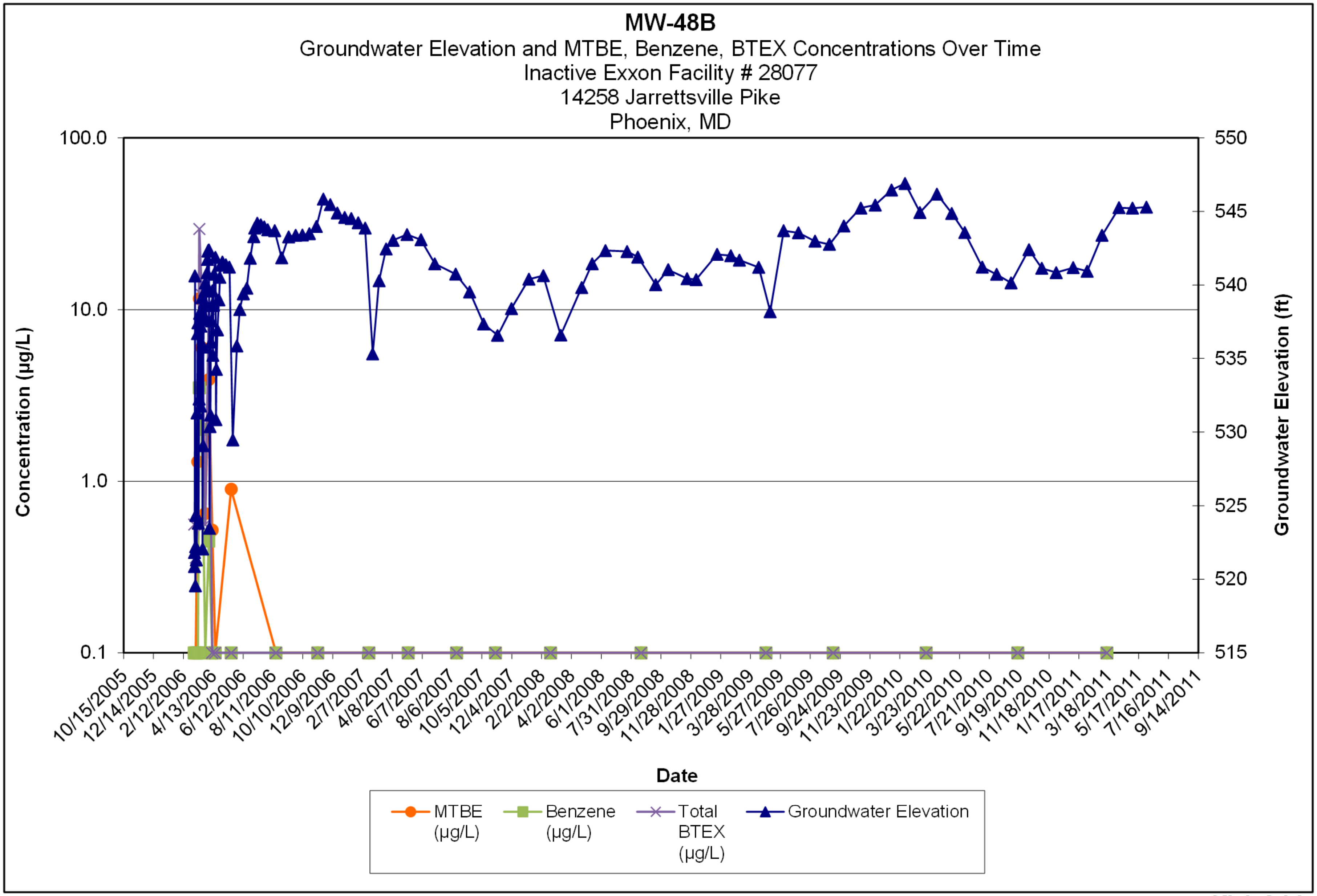
2.) HS-D = Deep Composite HydraSleeve set at bottom of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD



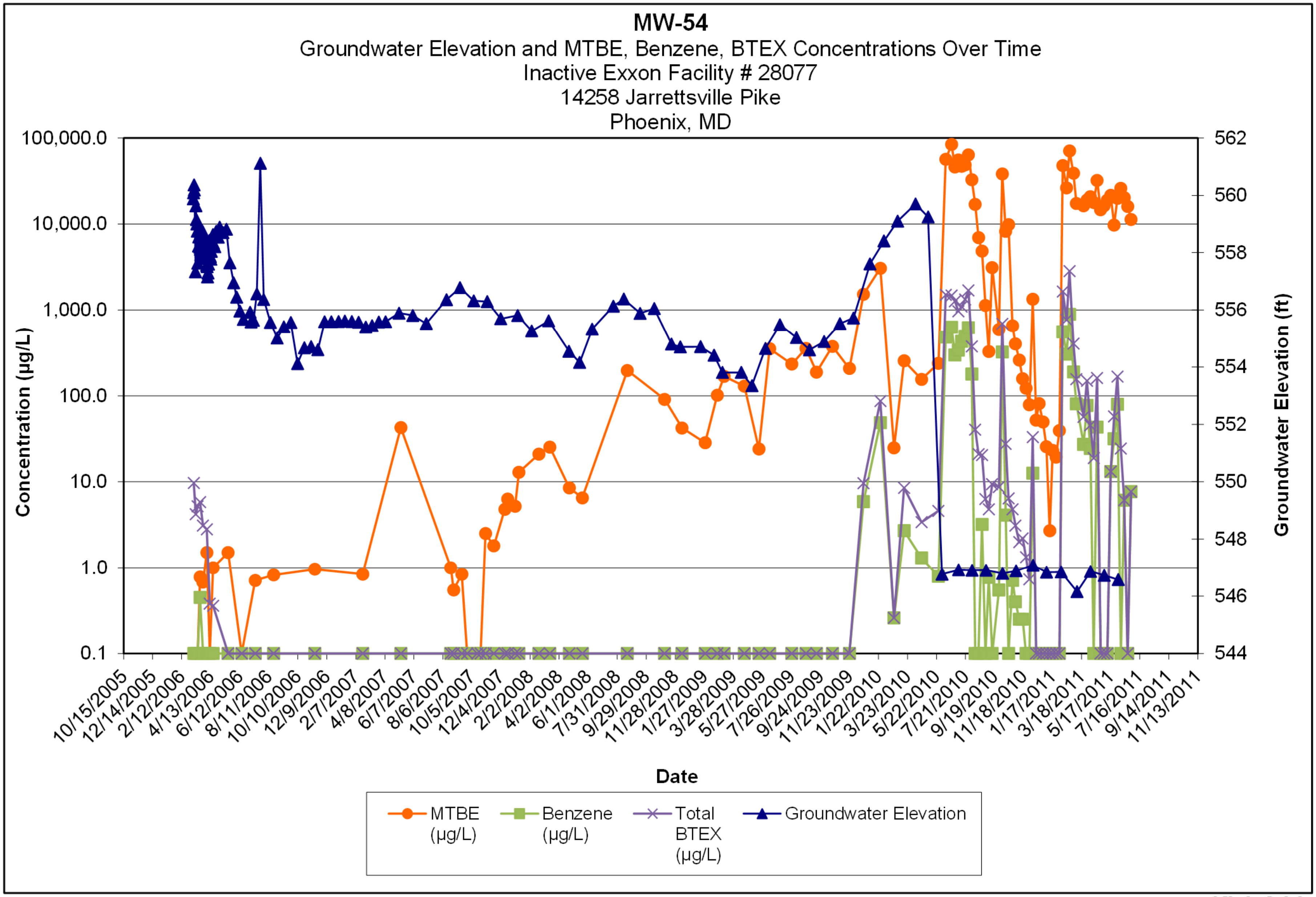
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



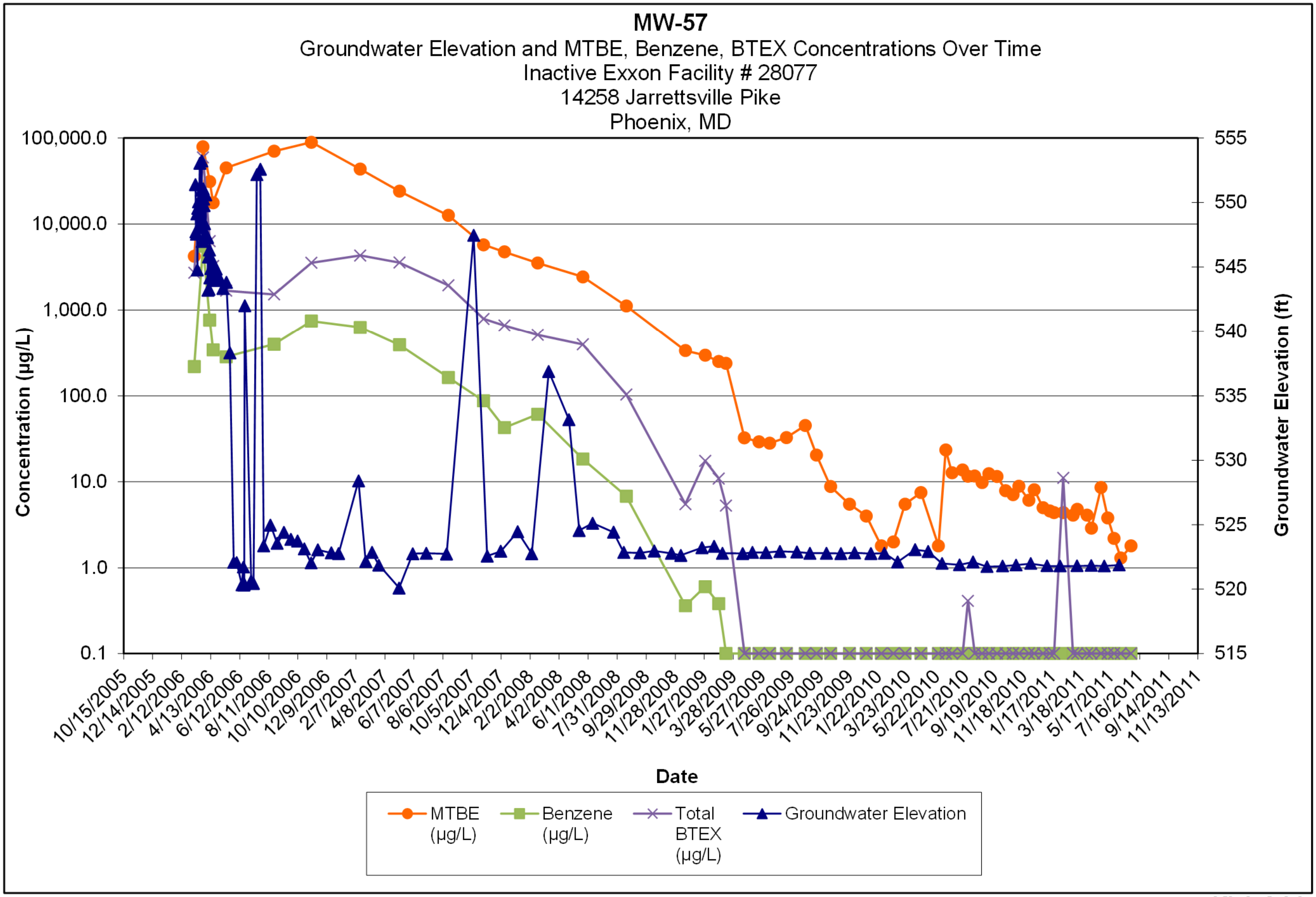
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



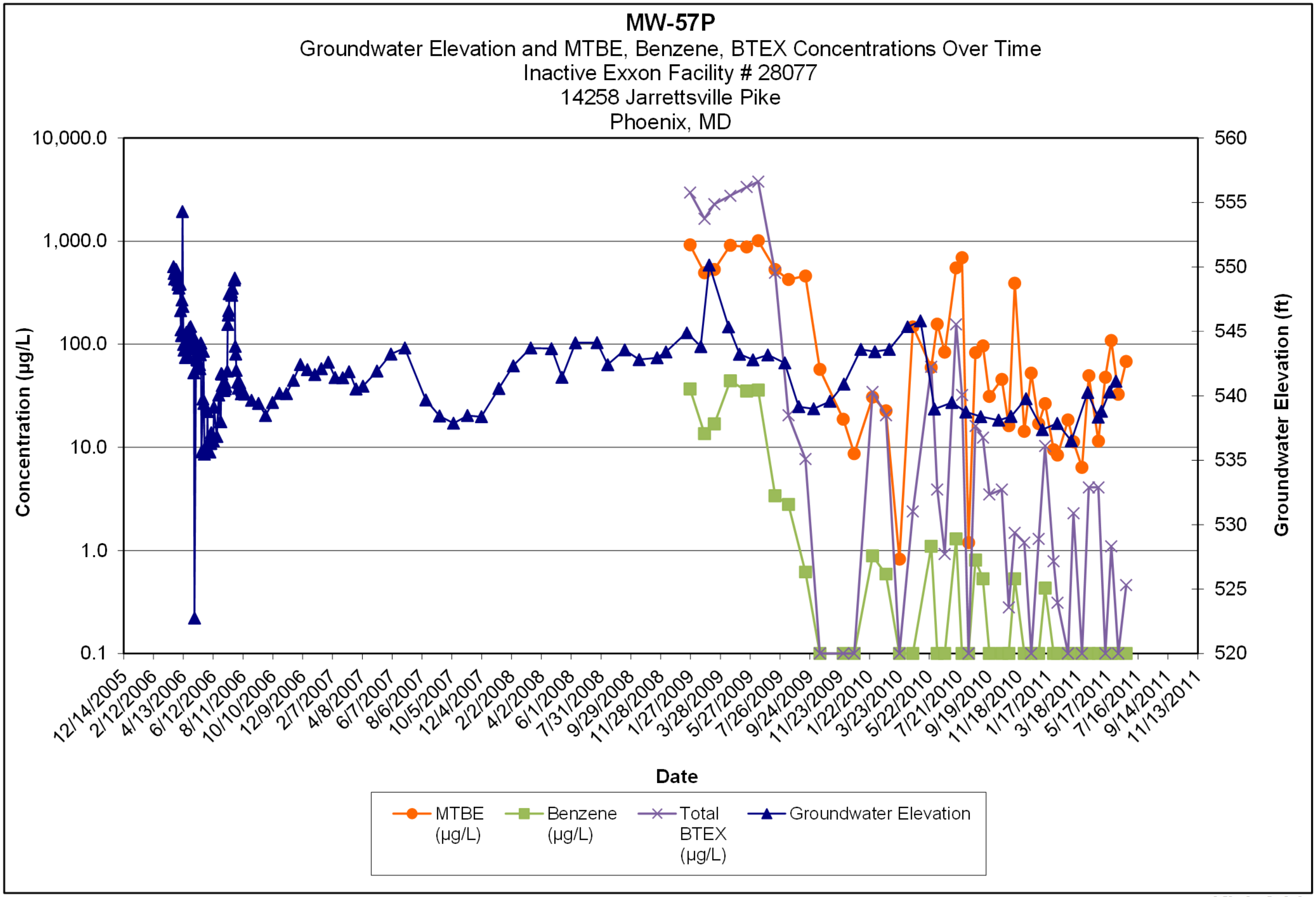
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



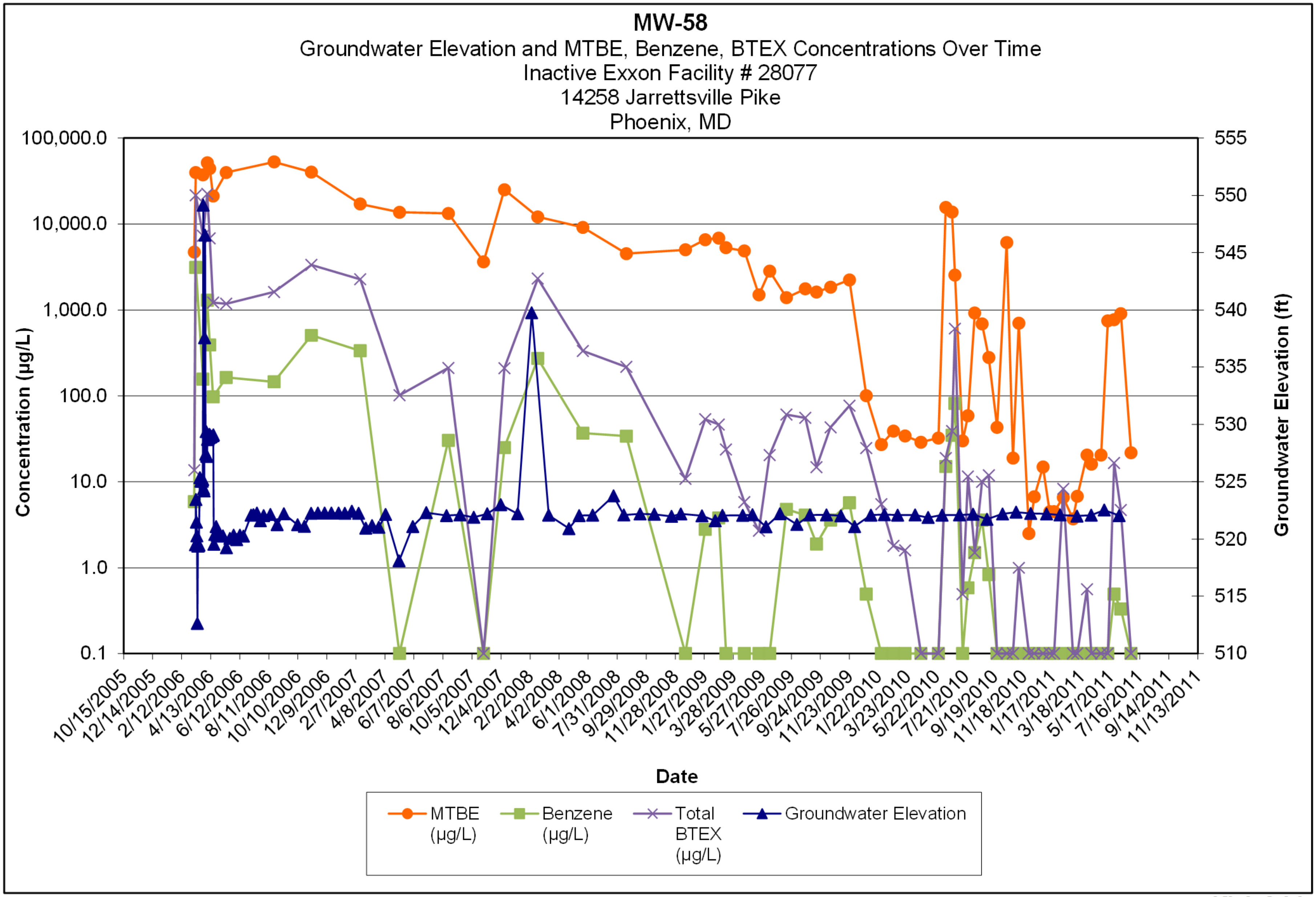
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



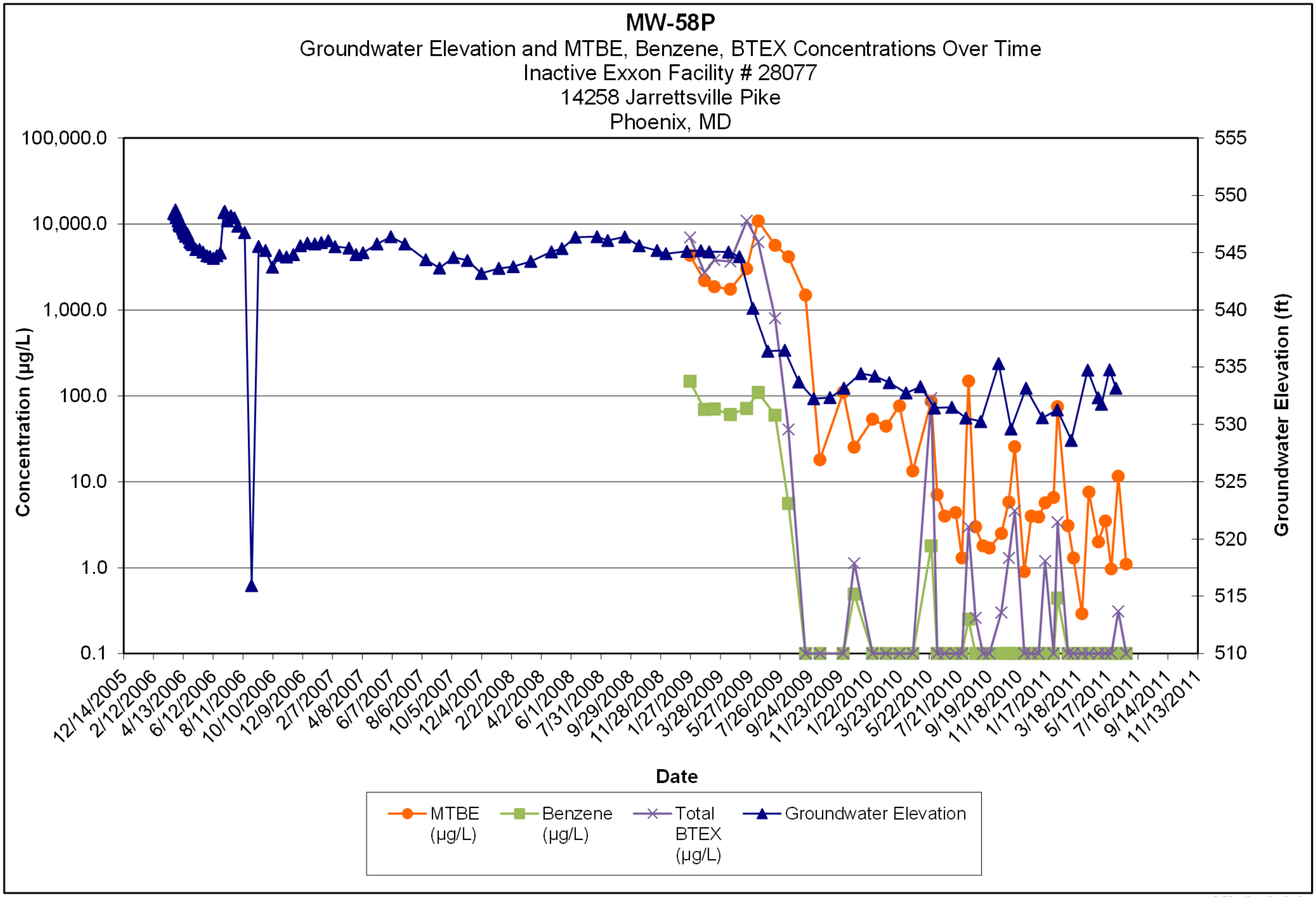
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



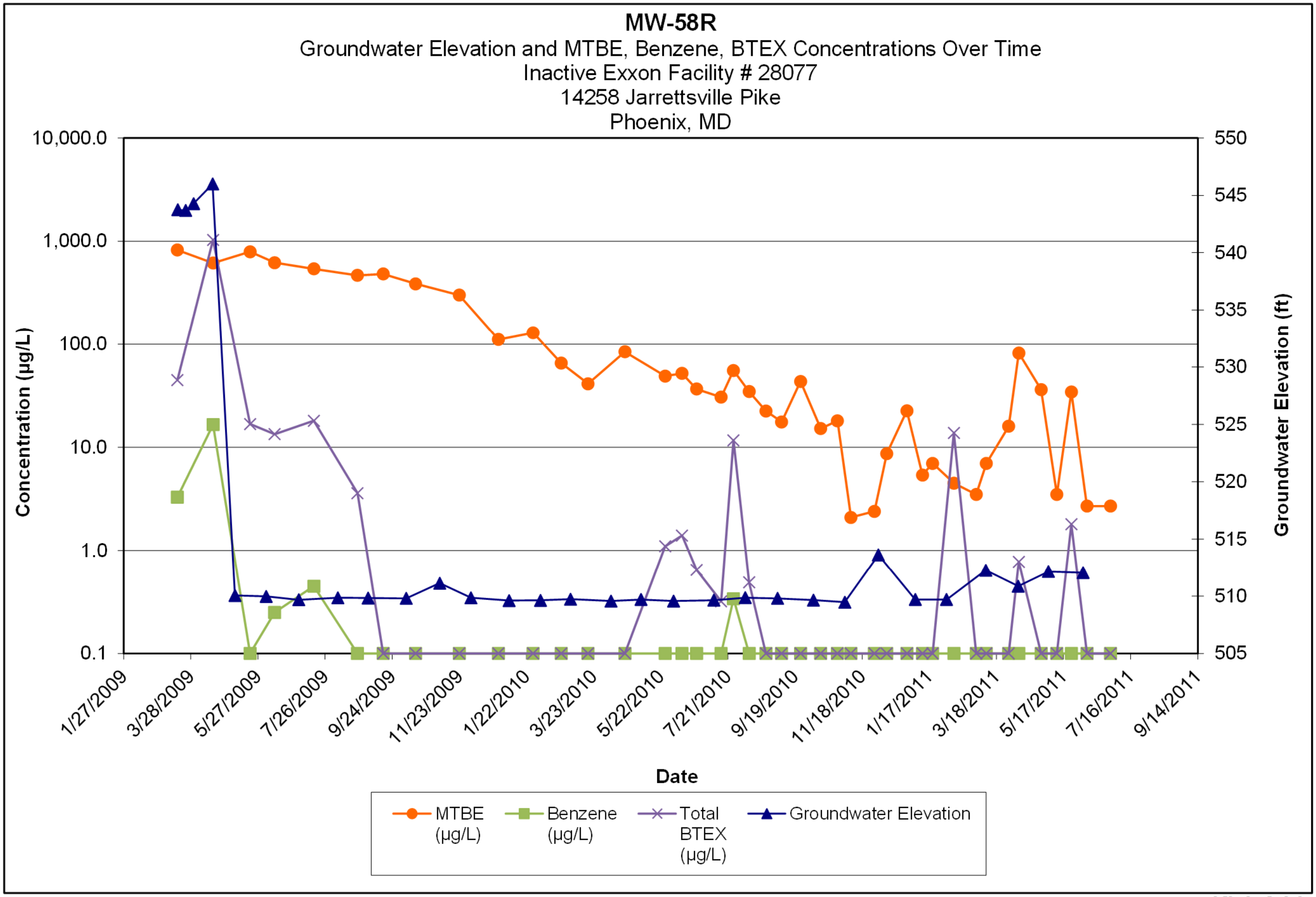
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



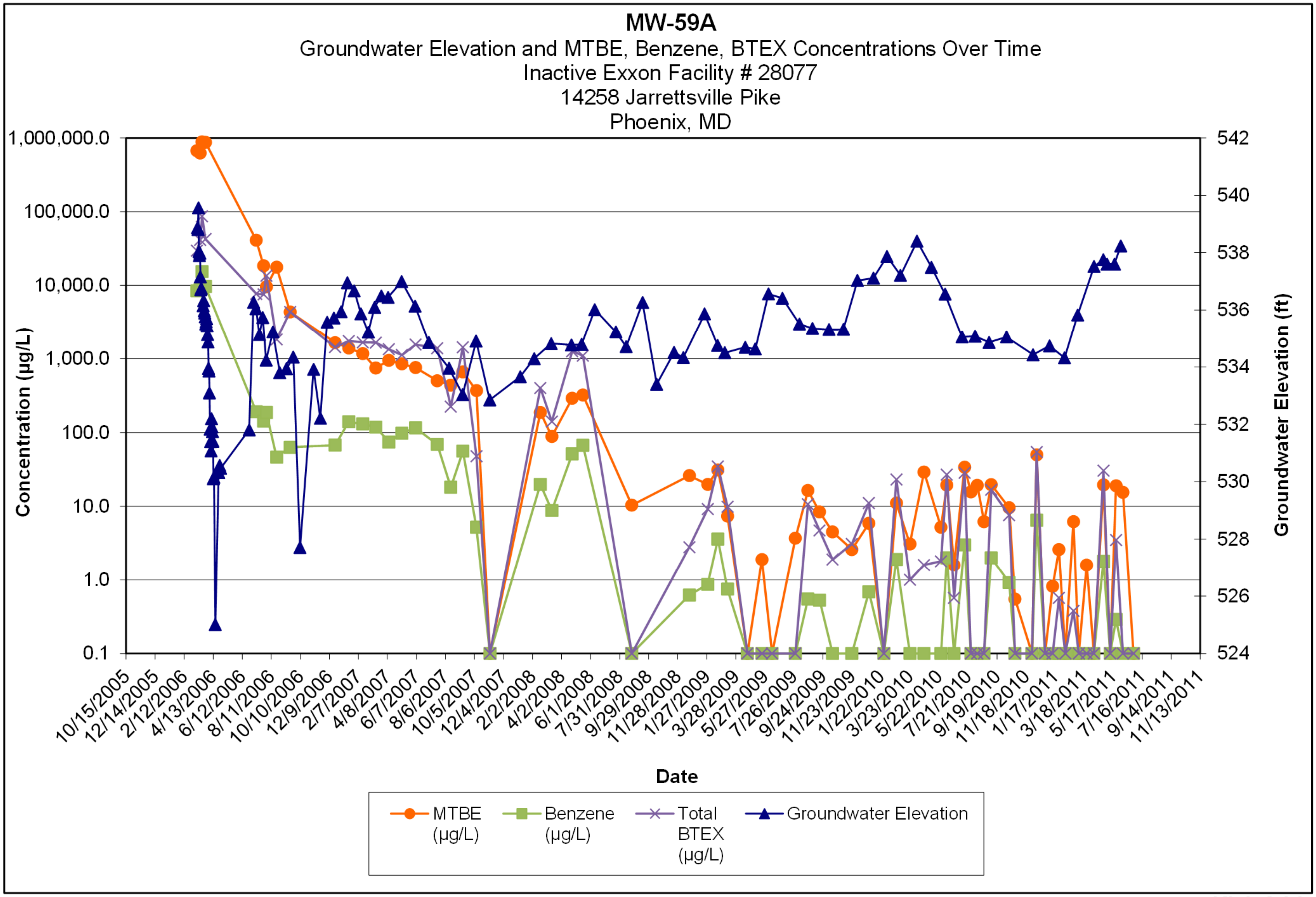
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



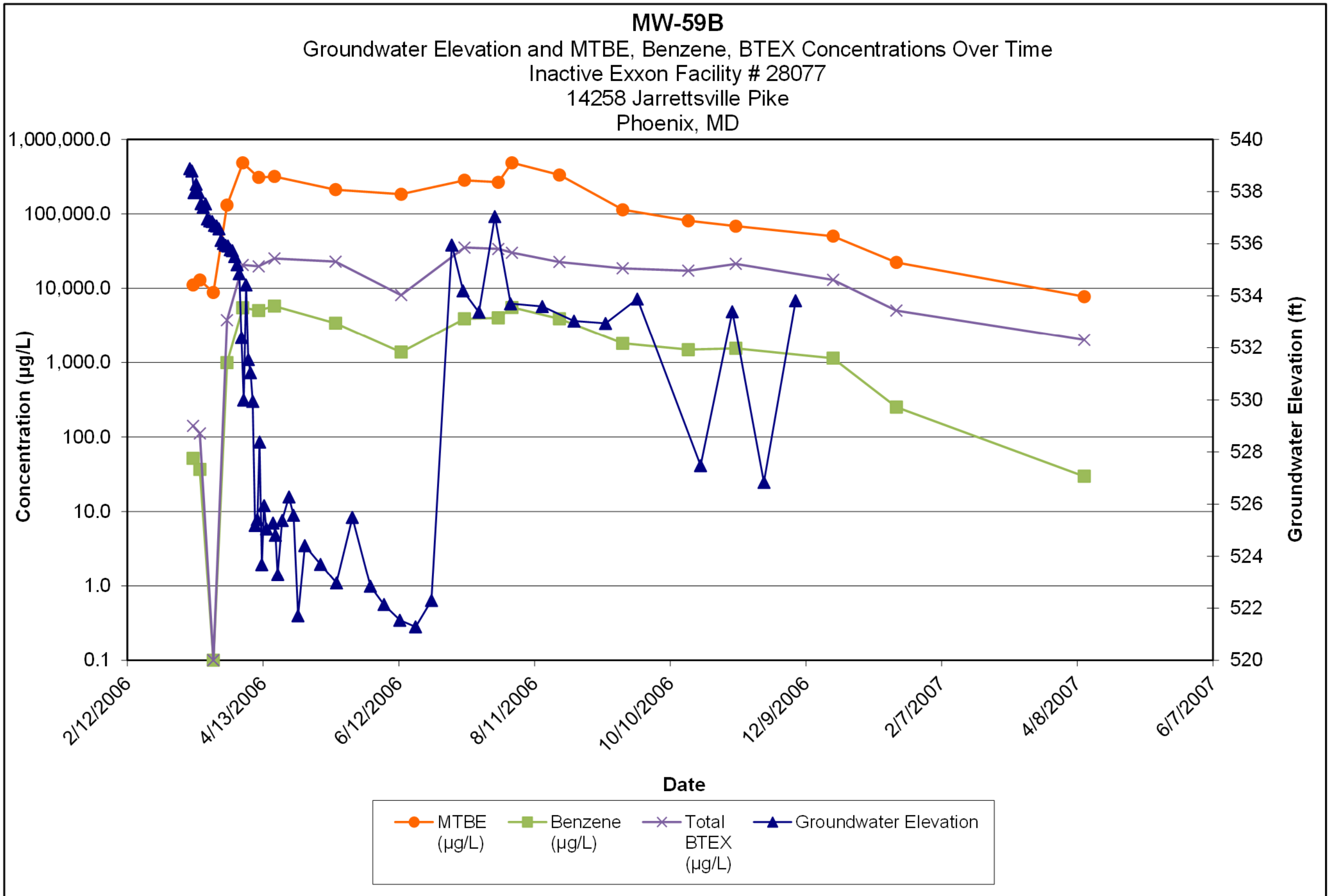
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

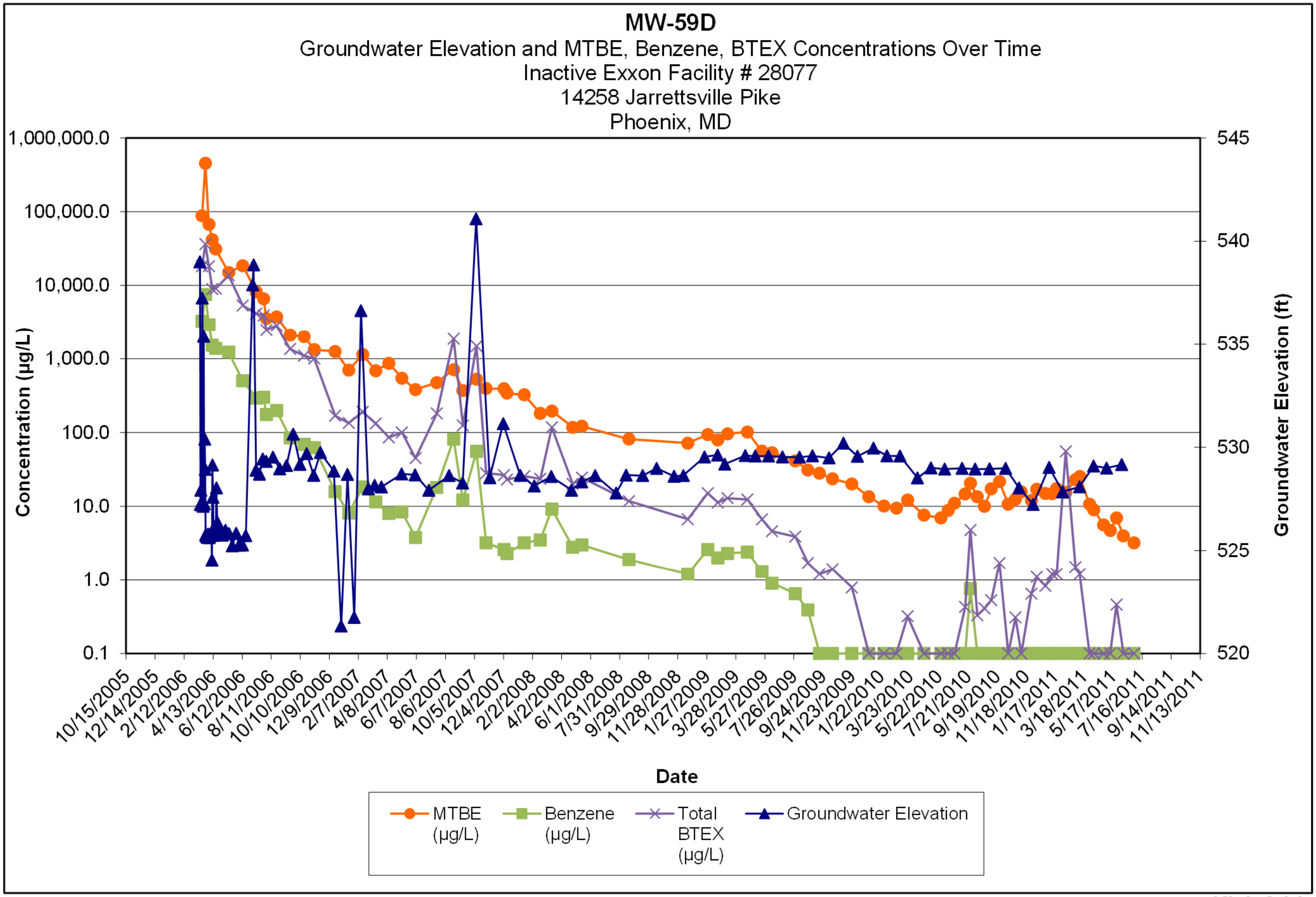


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

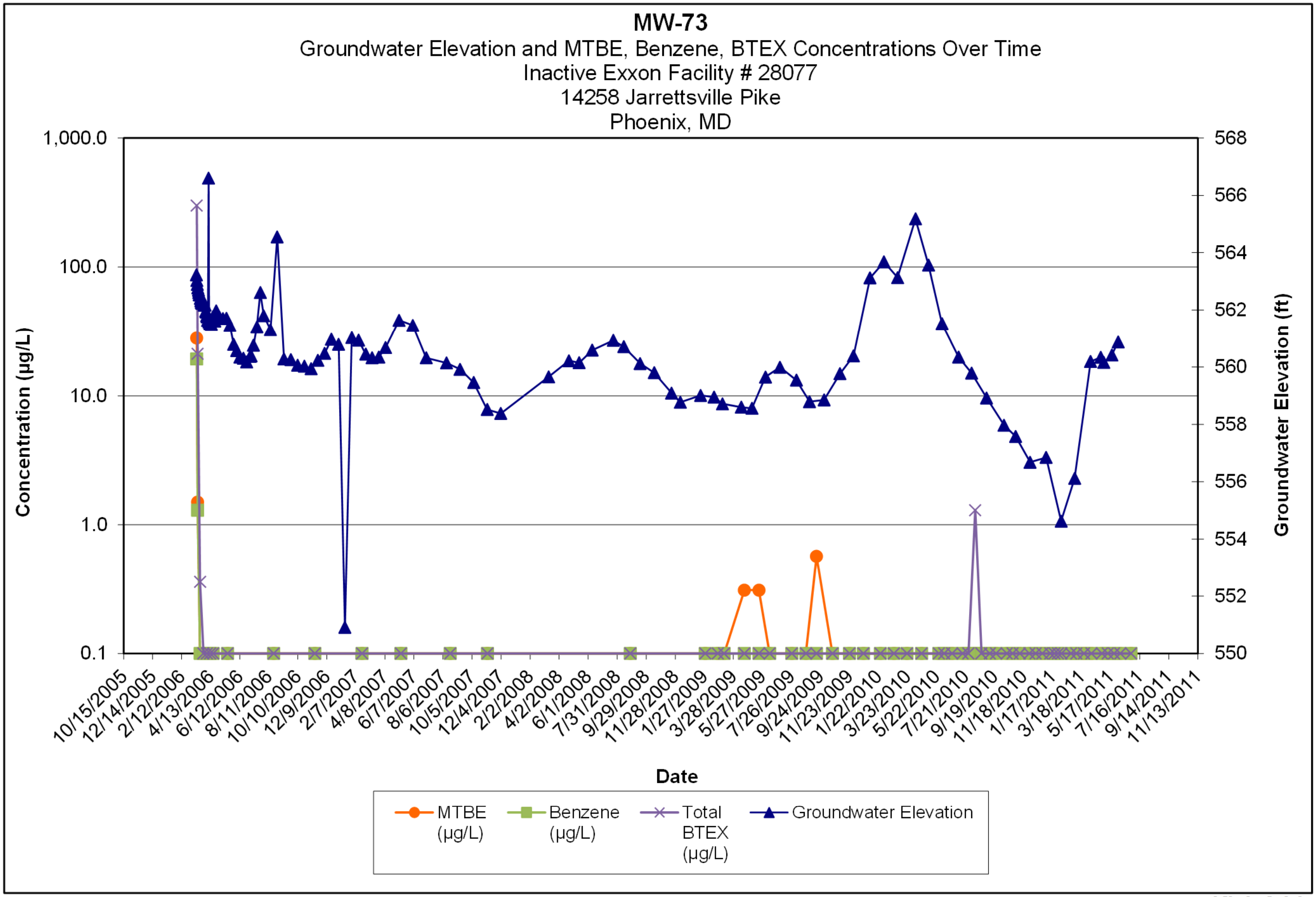
2.) Can no longer be gauged or sampled due to immovable remedial equipment in well casing.

Kleinfelder
1340 Charwood Road
Hanover, MD



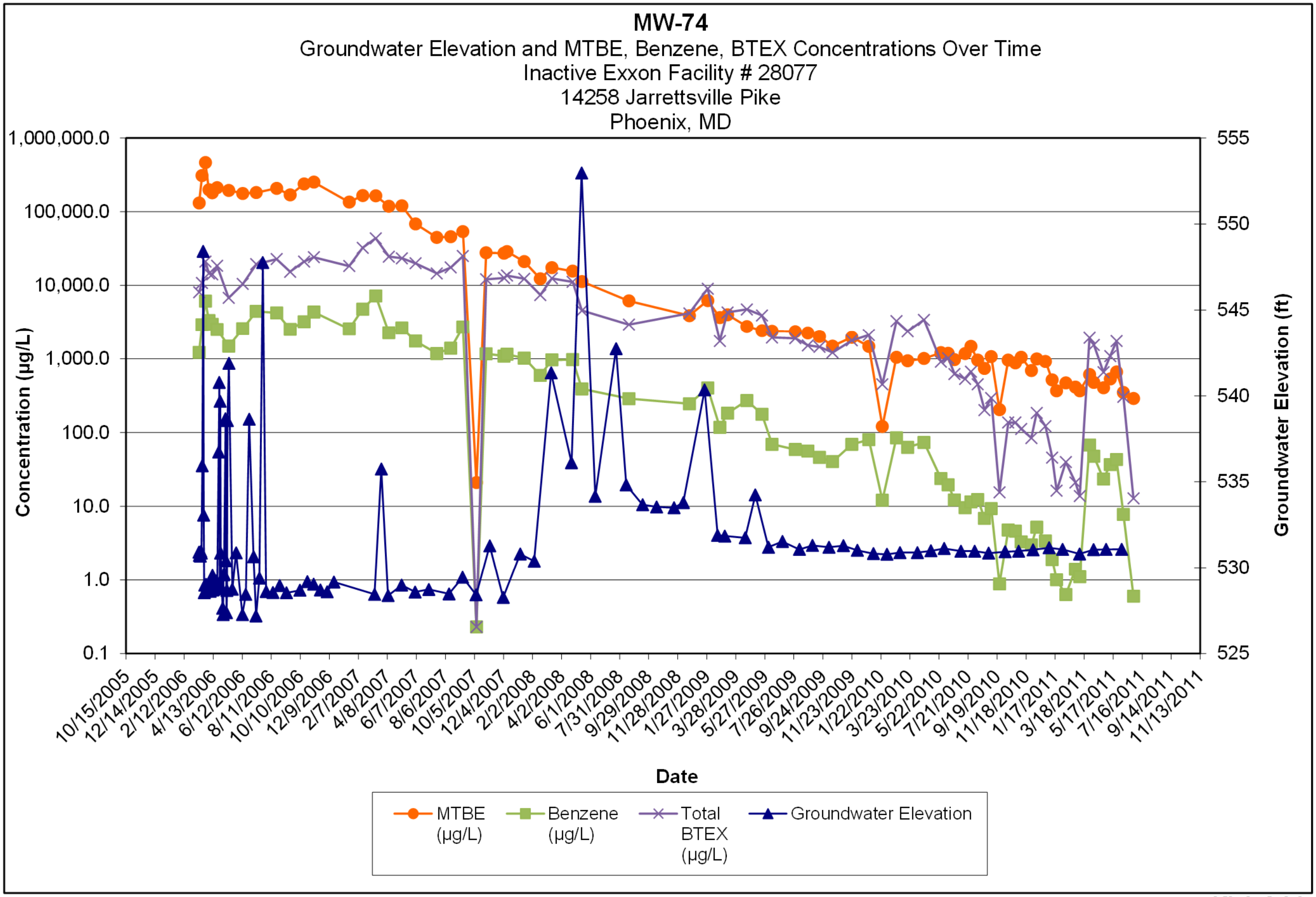
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



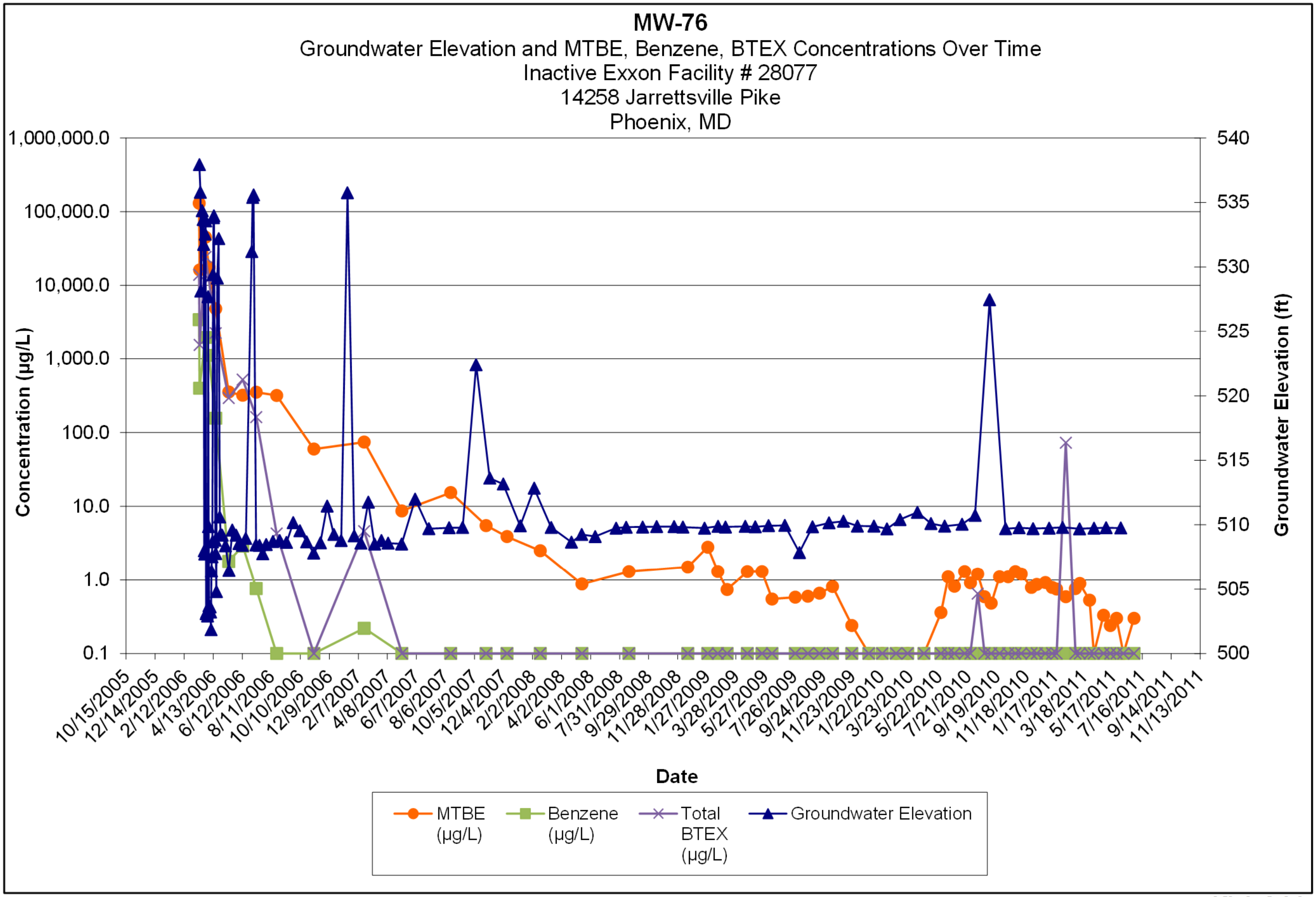
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



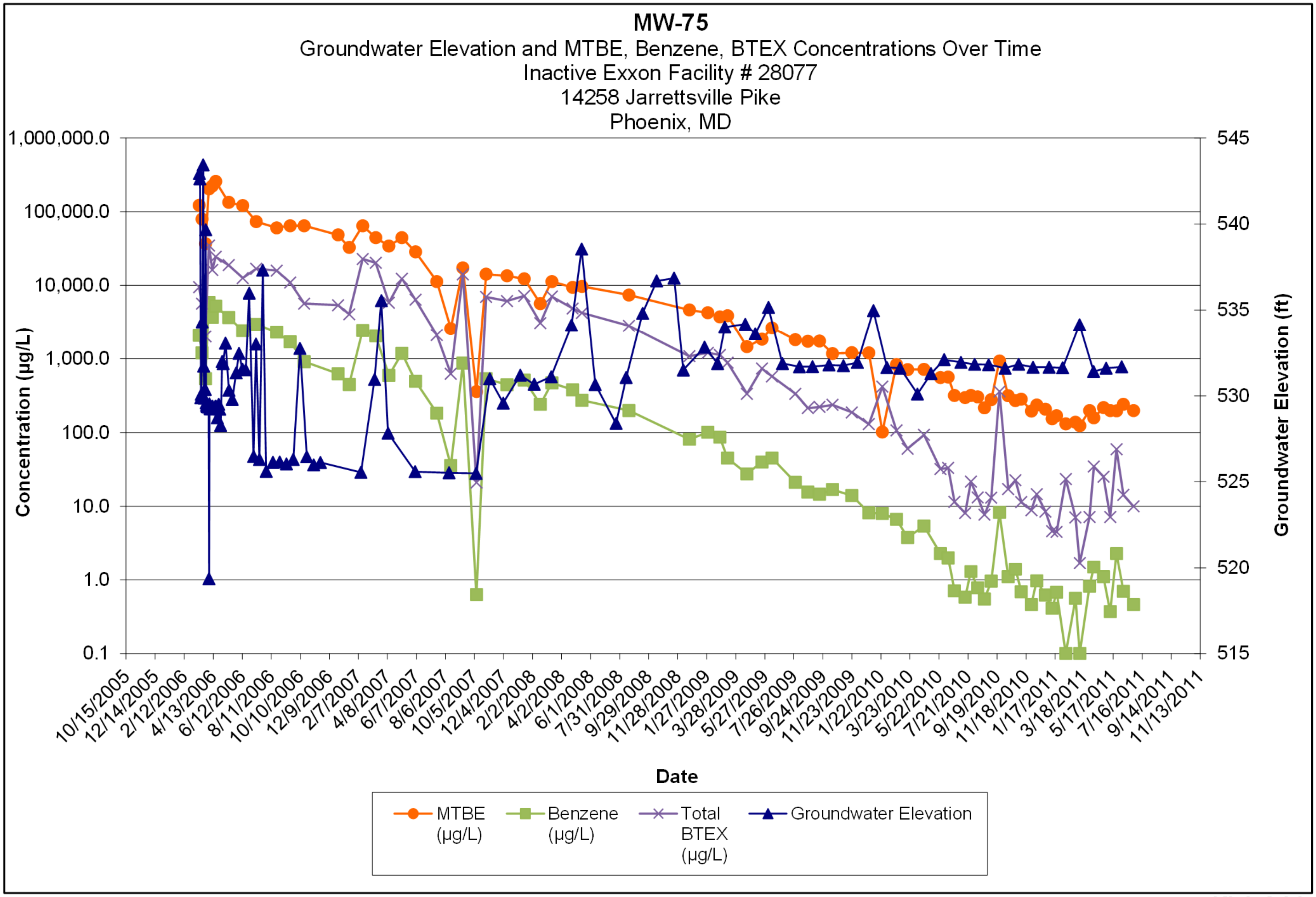
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



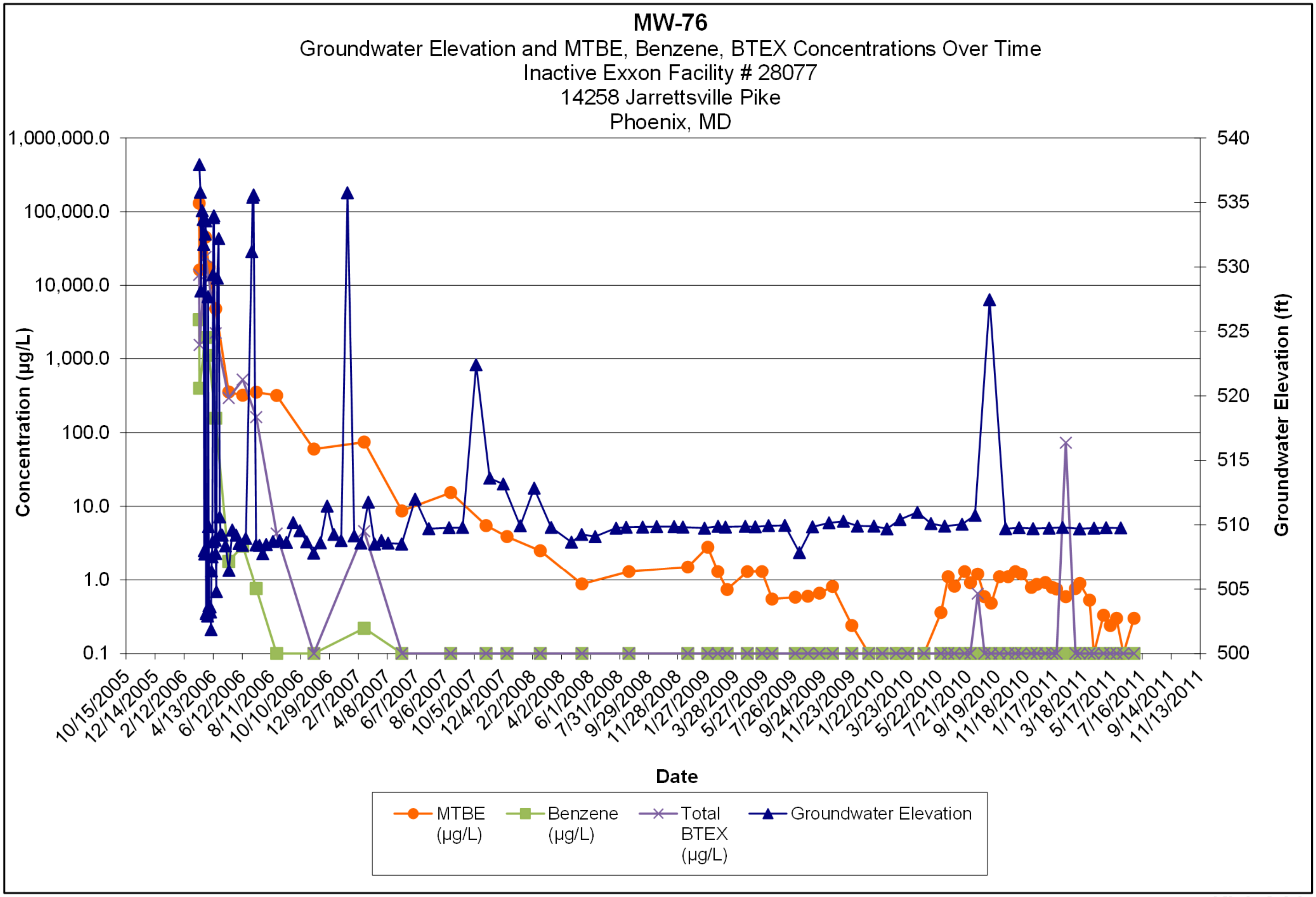
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



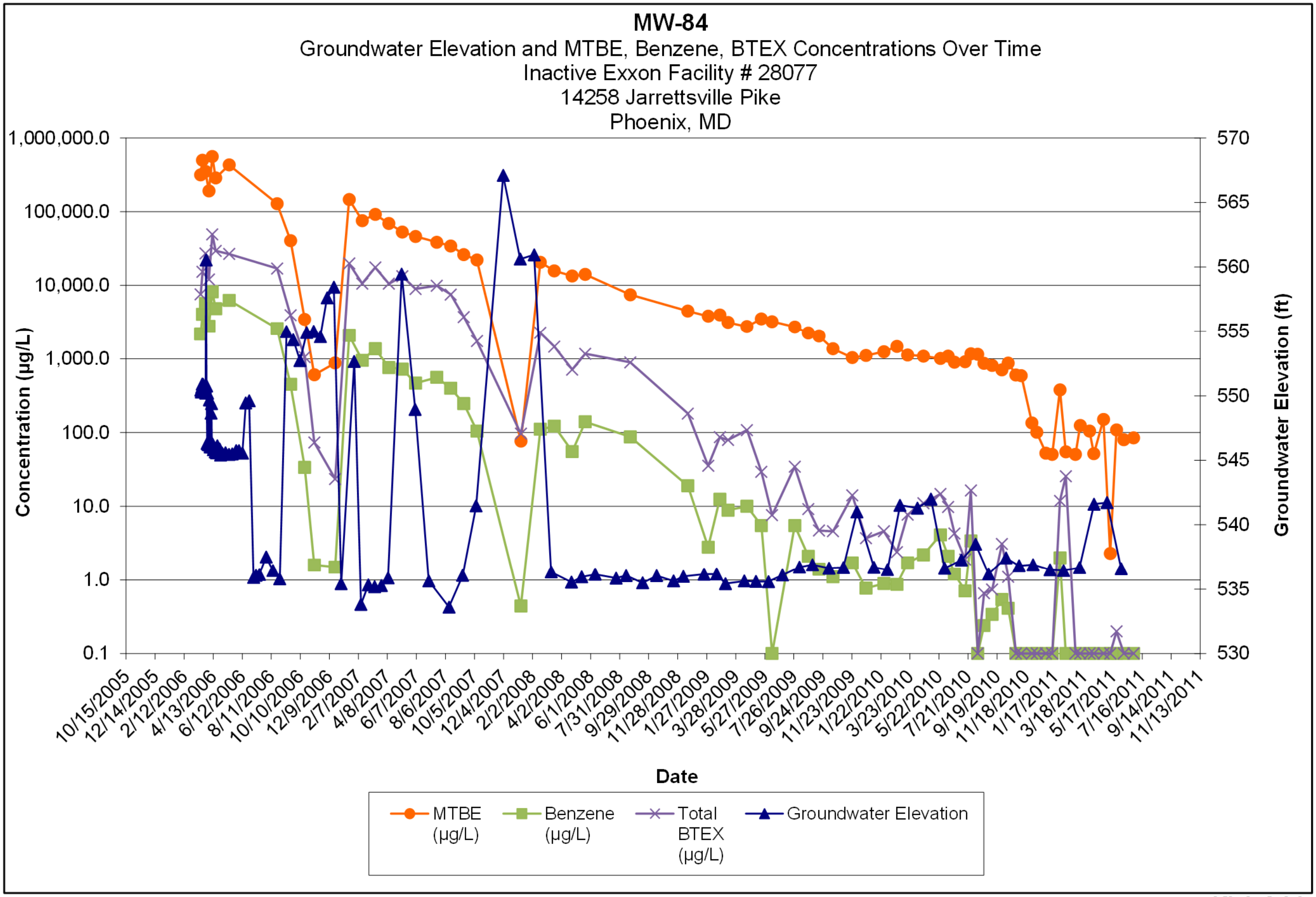
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



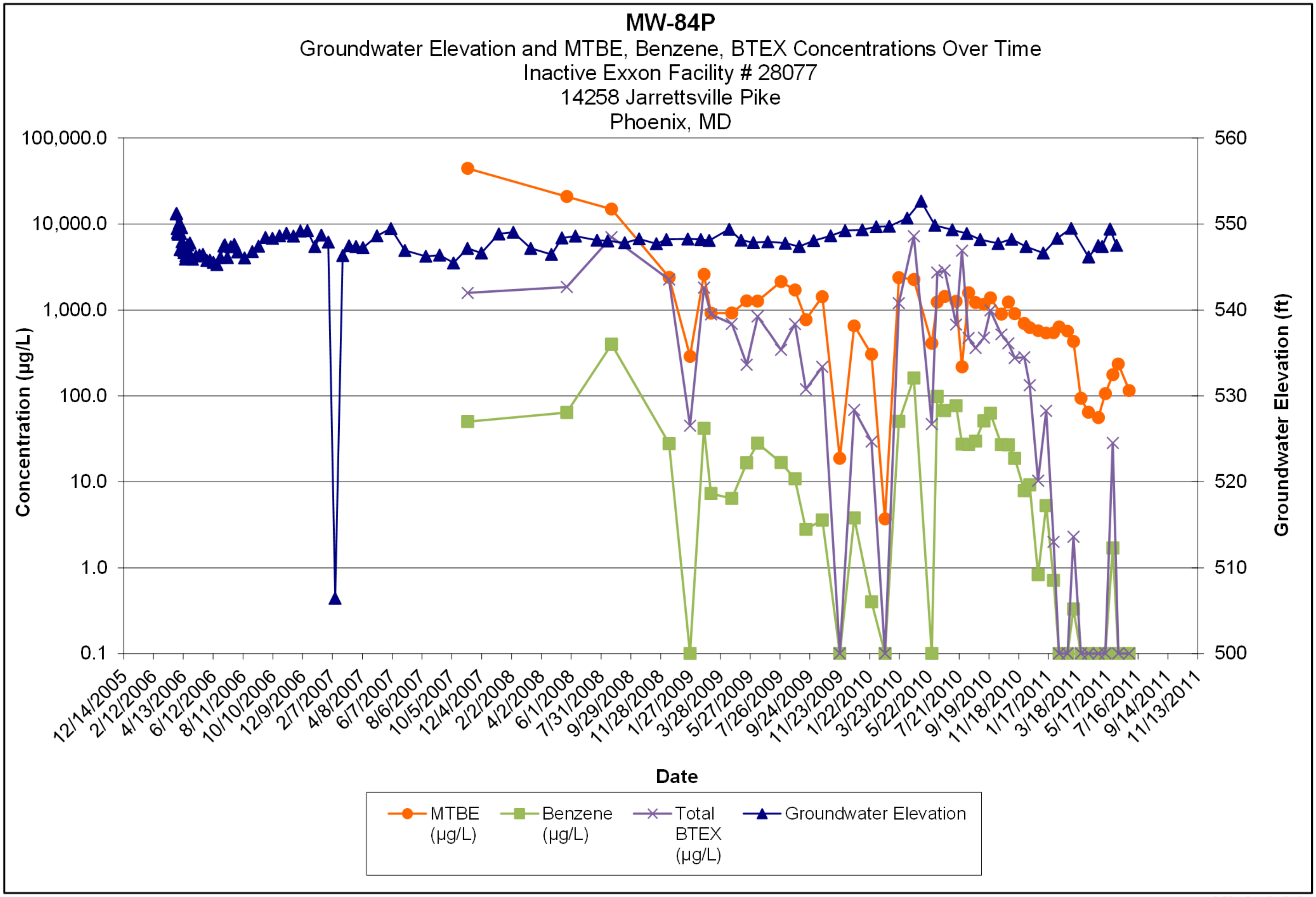
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



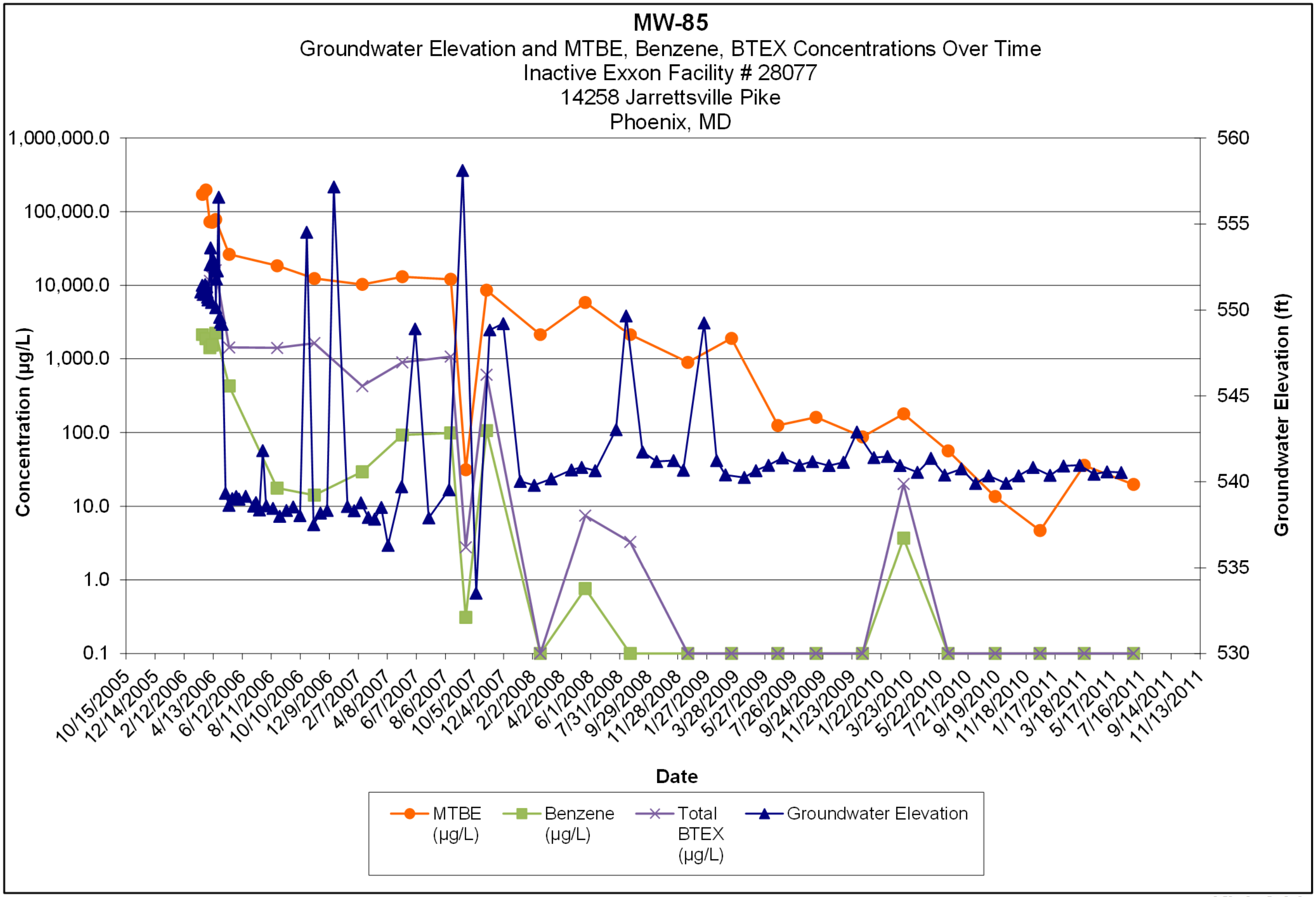
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



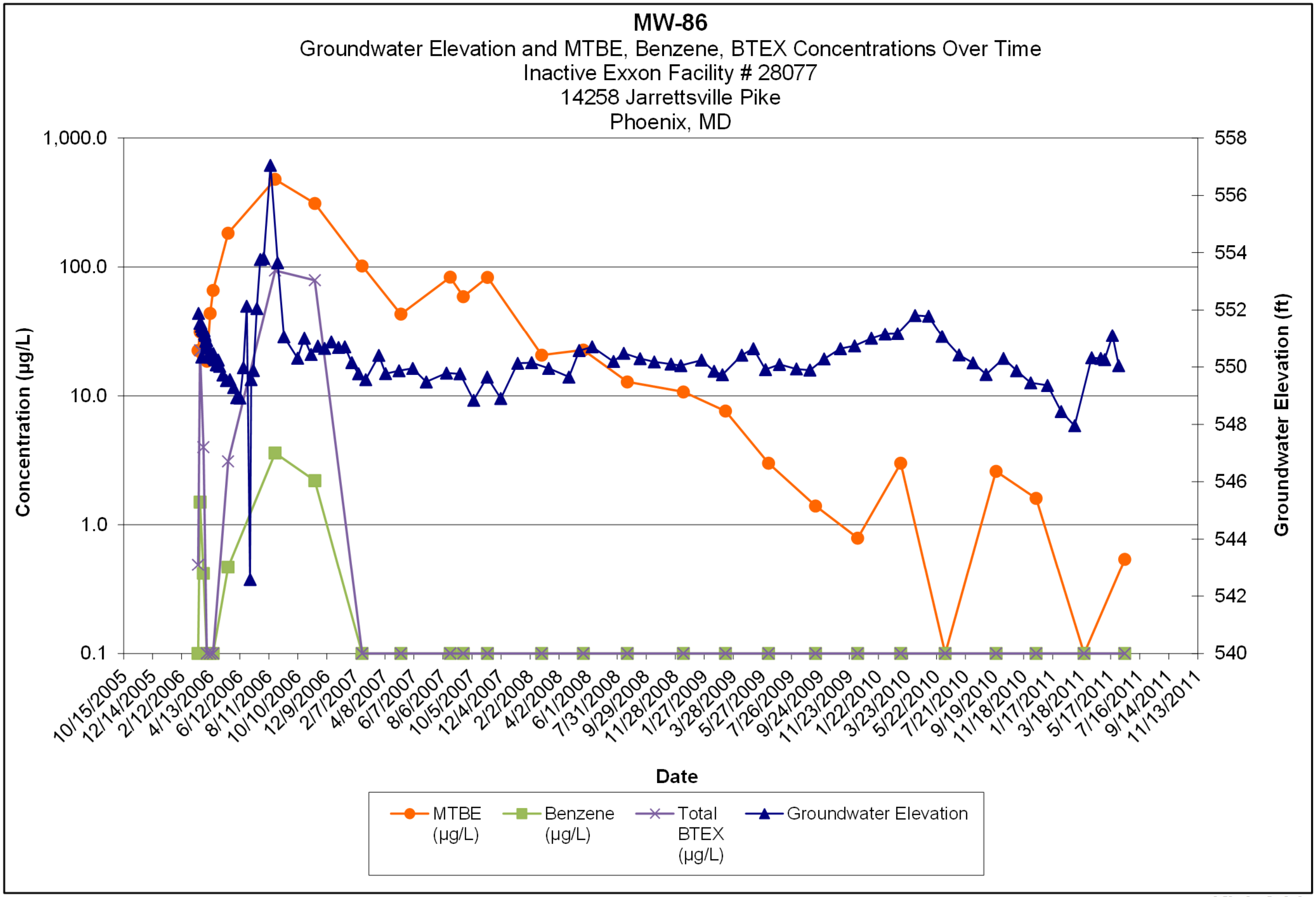
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



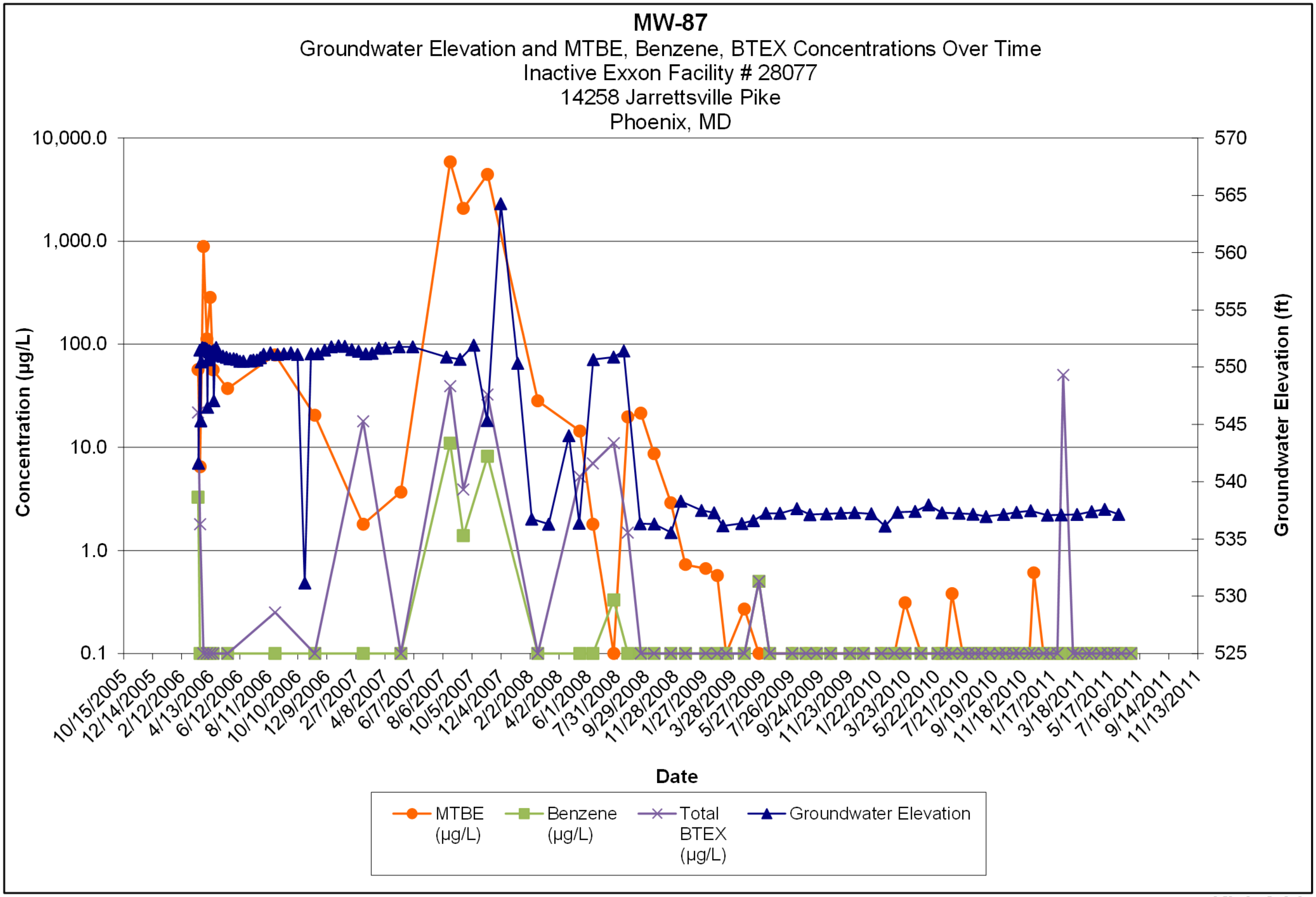
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



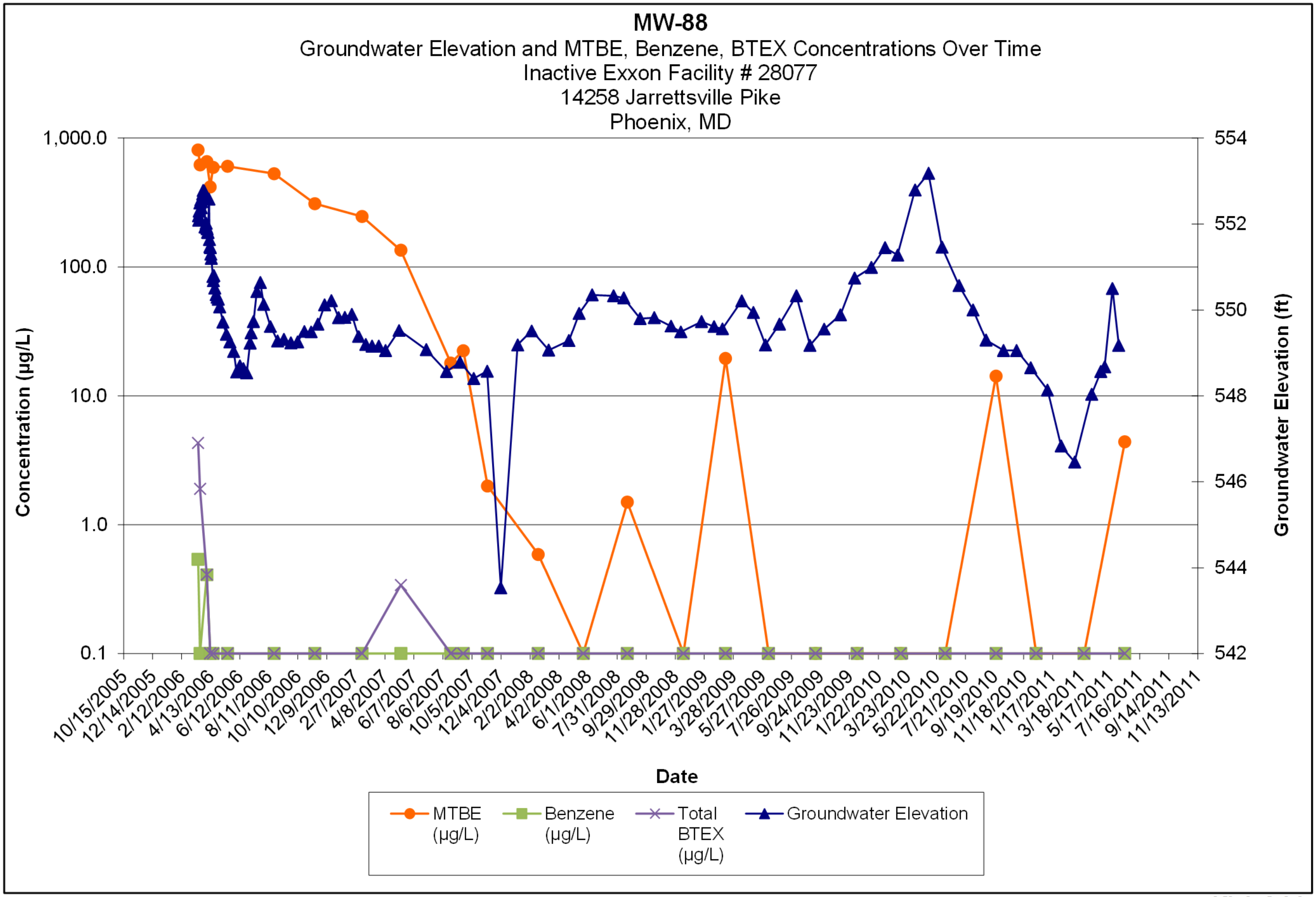
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



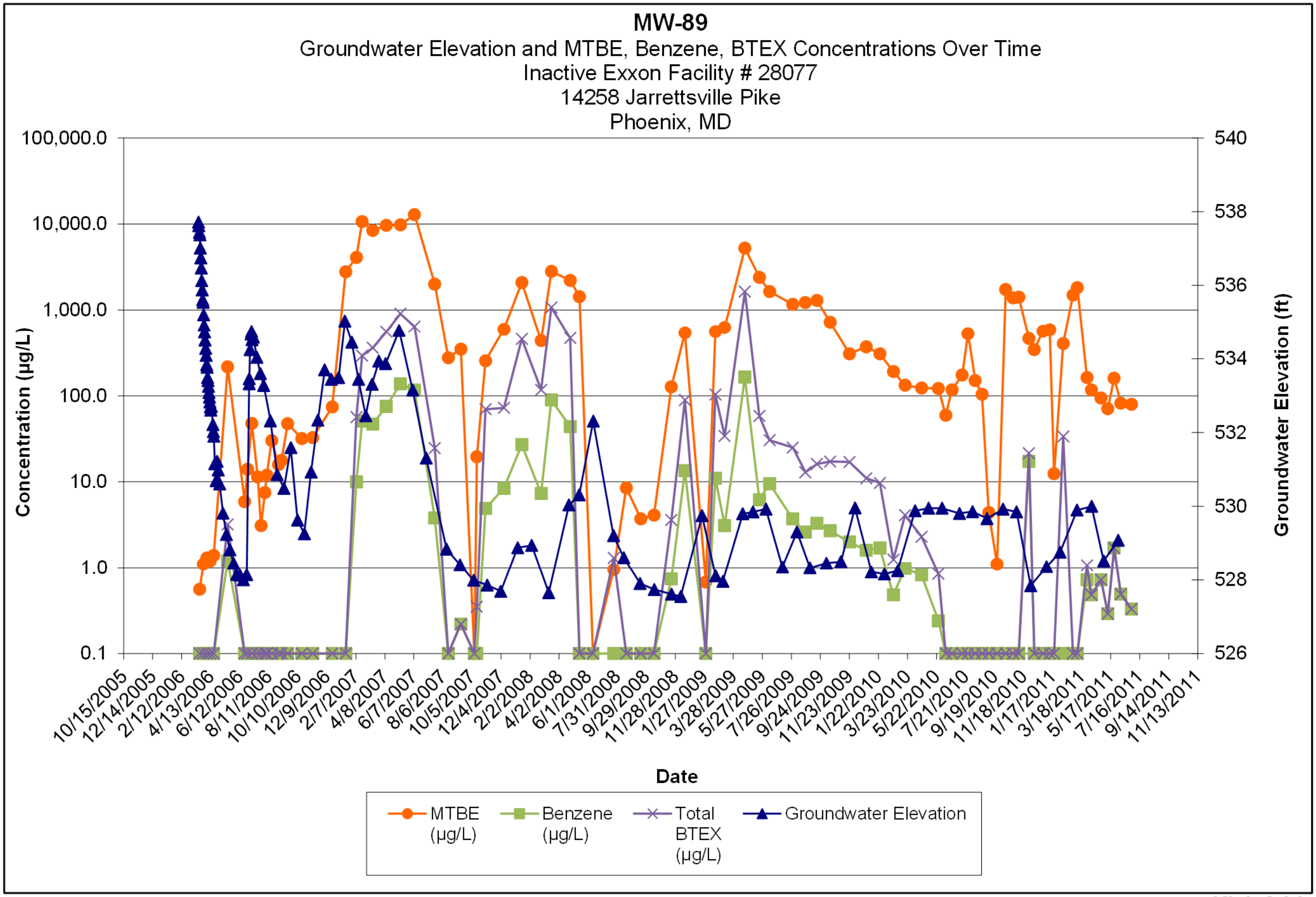
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



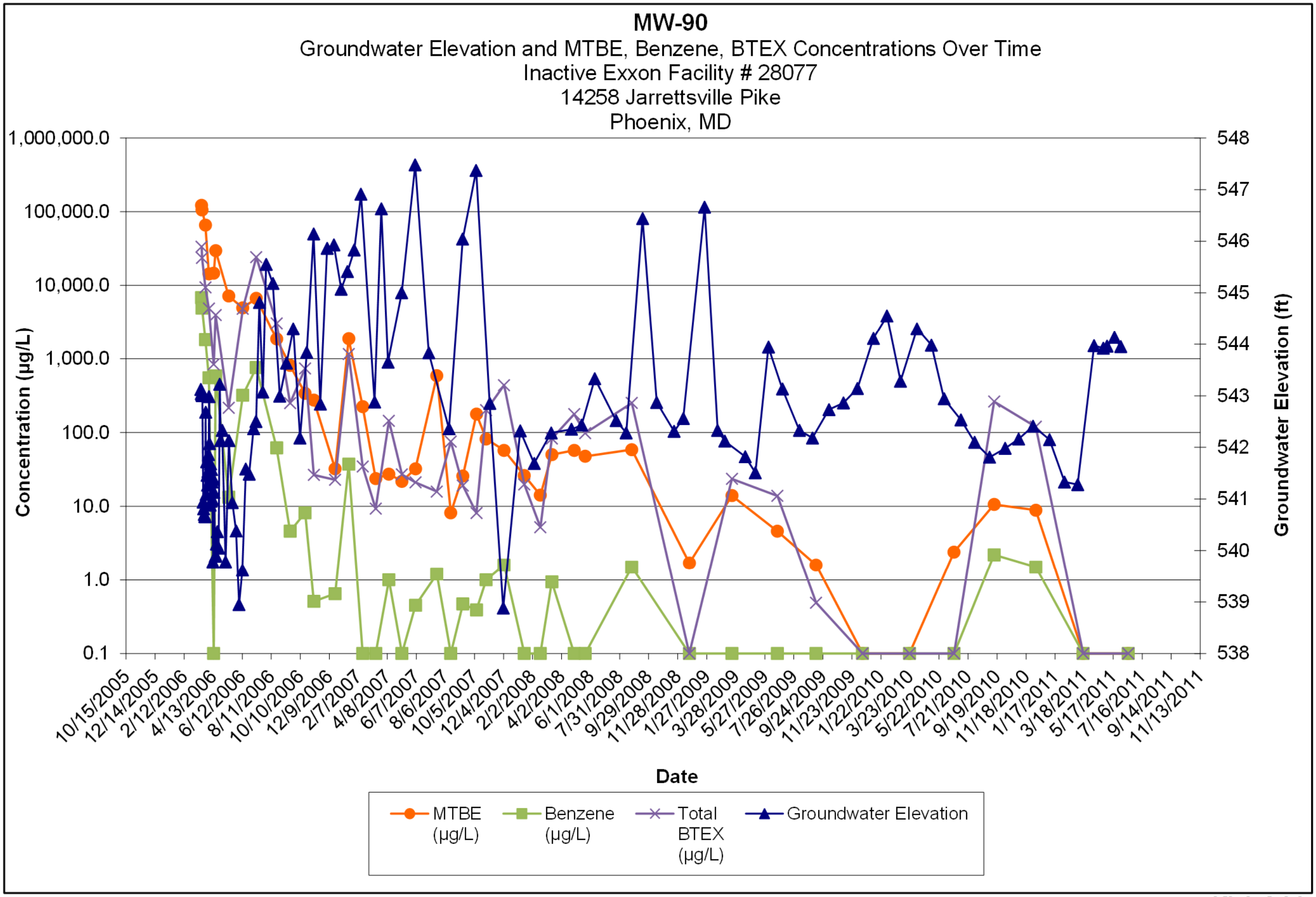
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



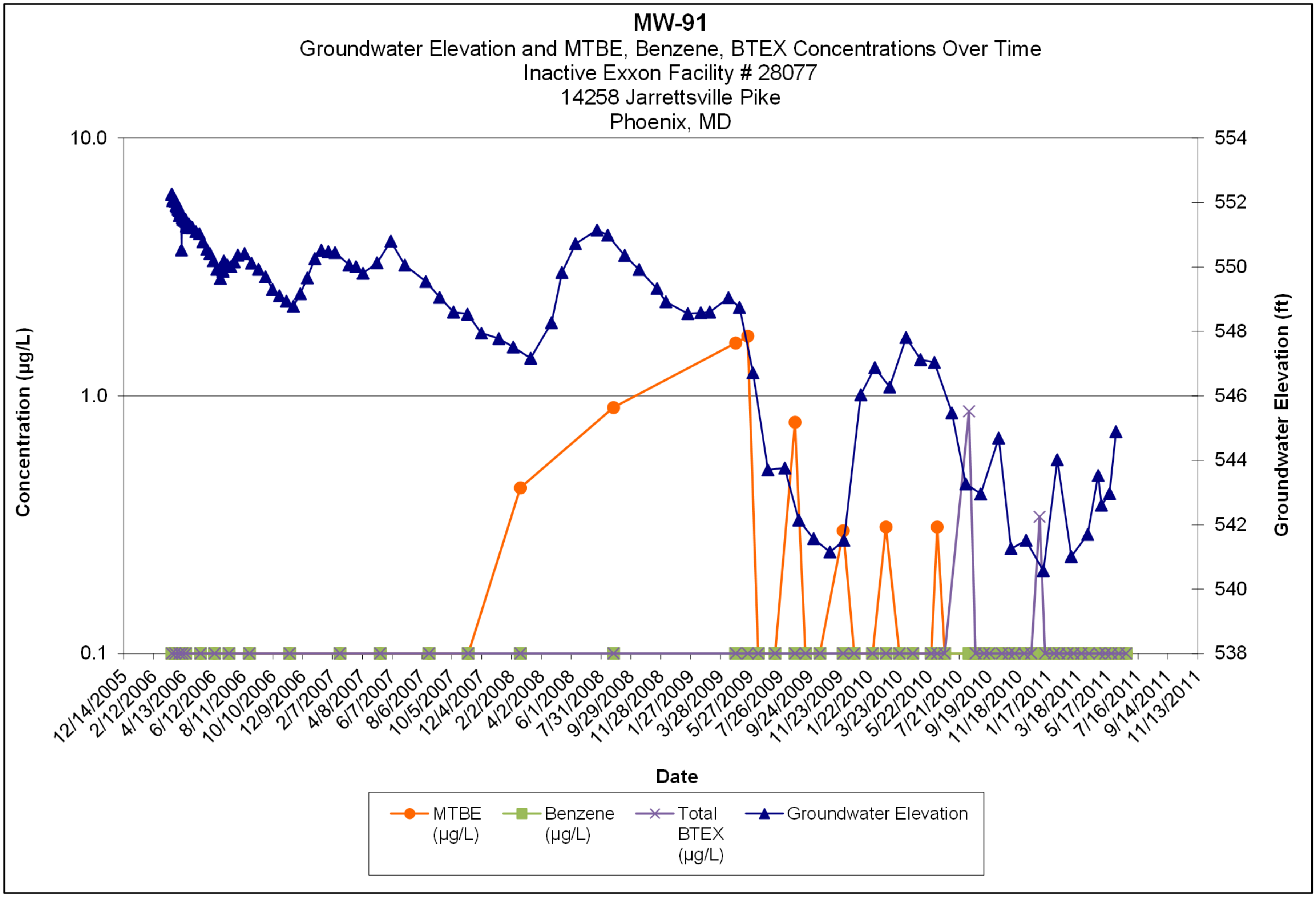
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



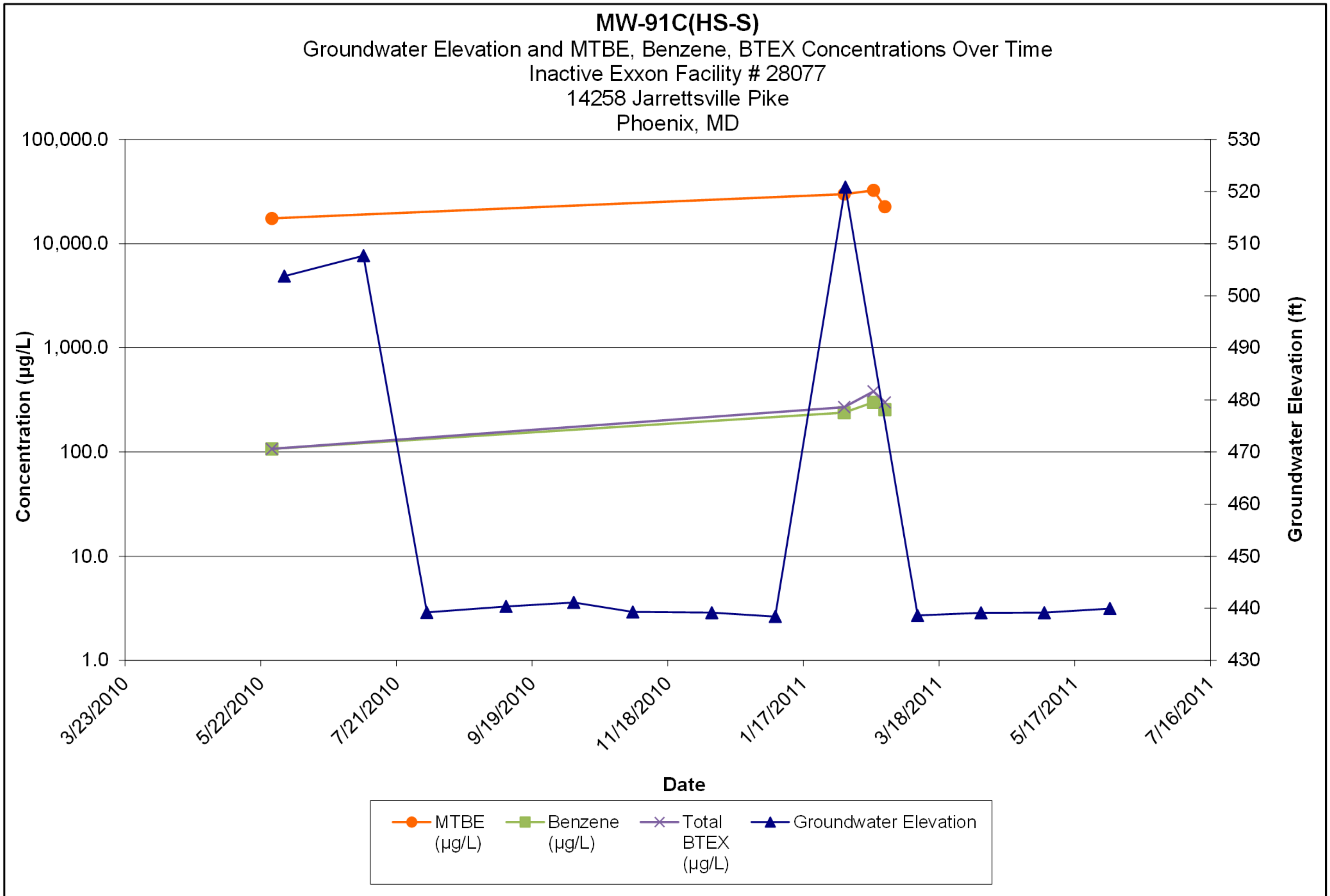
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

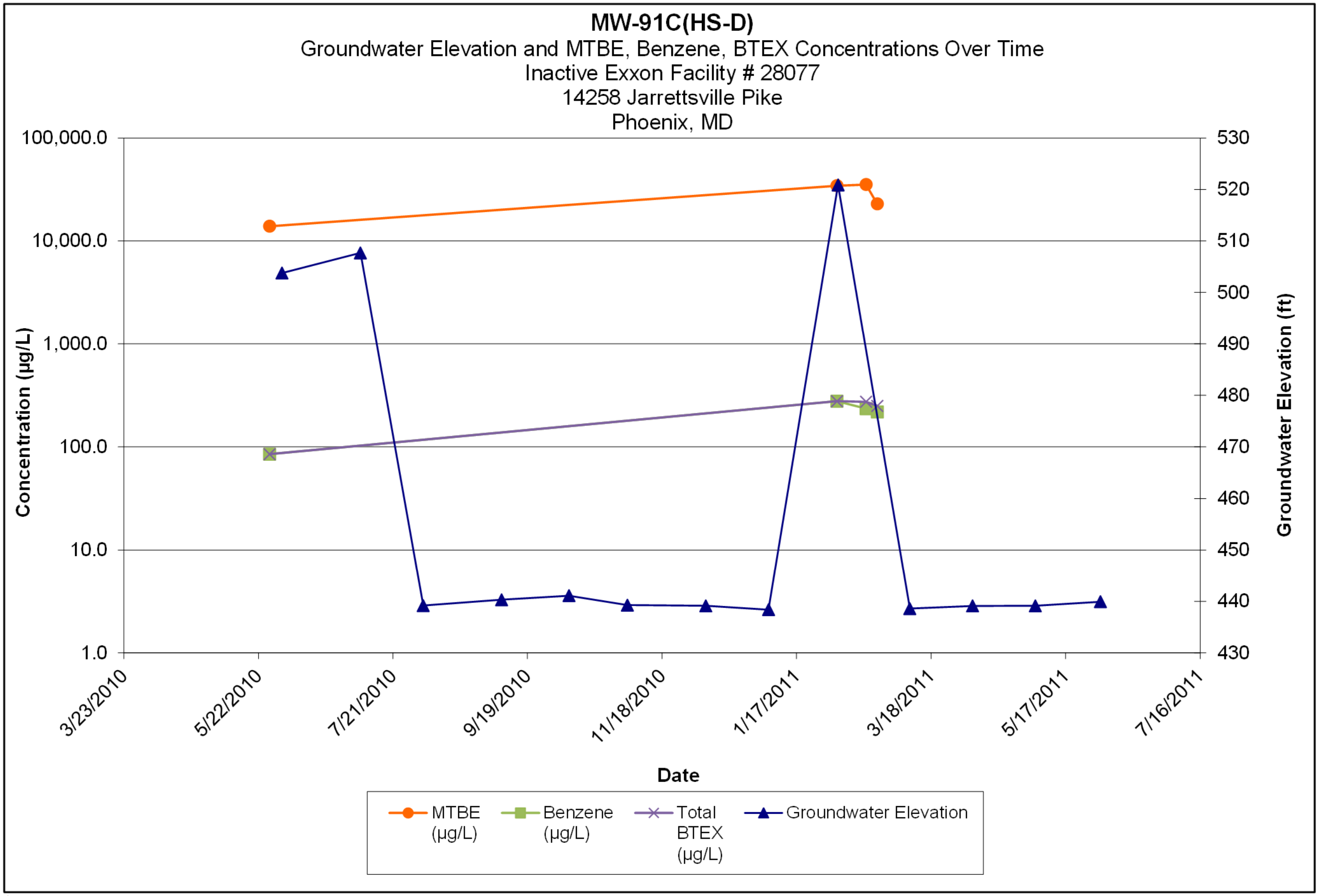


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-S = Shallow Composite HydraSleeve set at 1/2 of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD

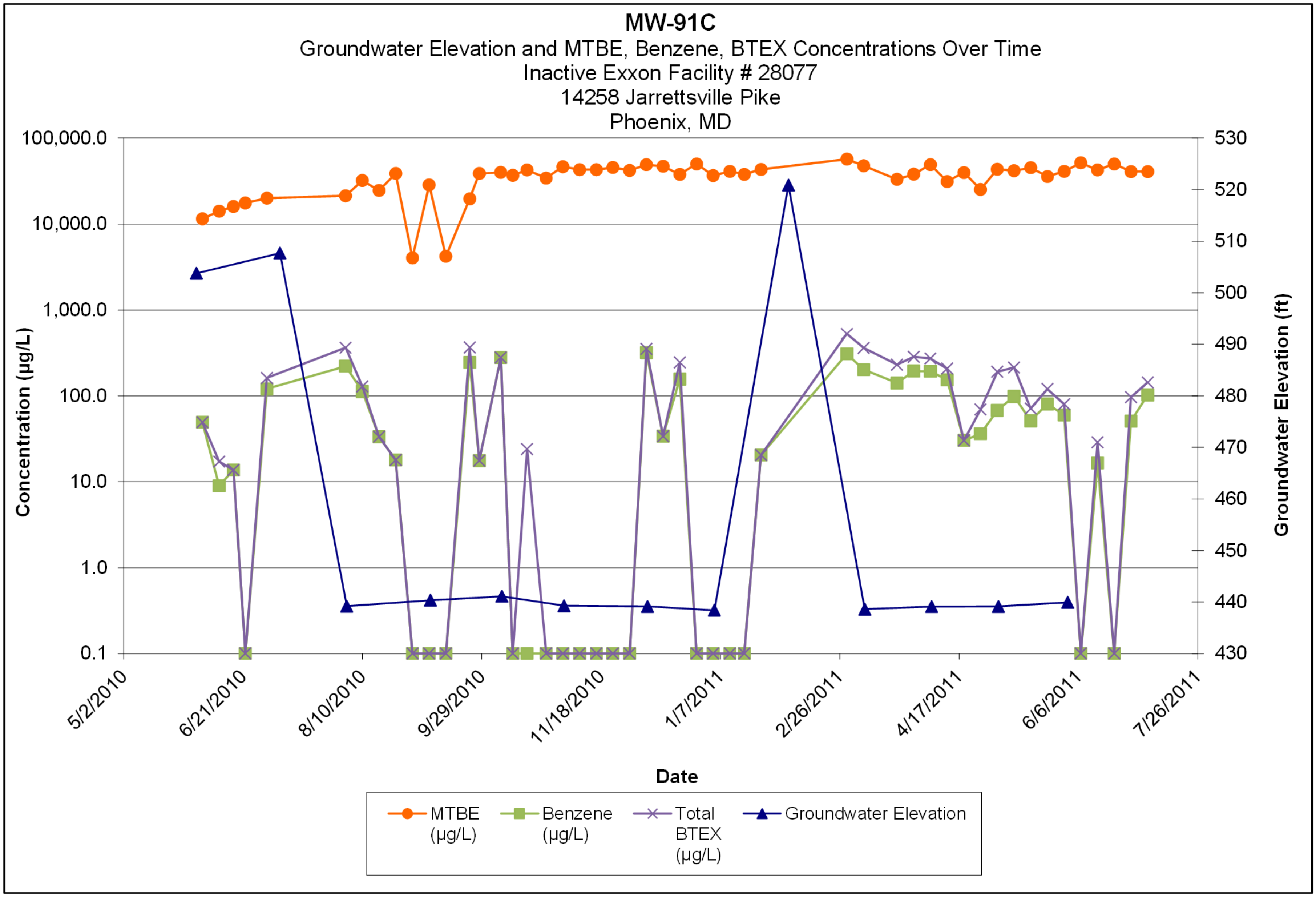


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

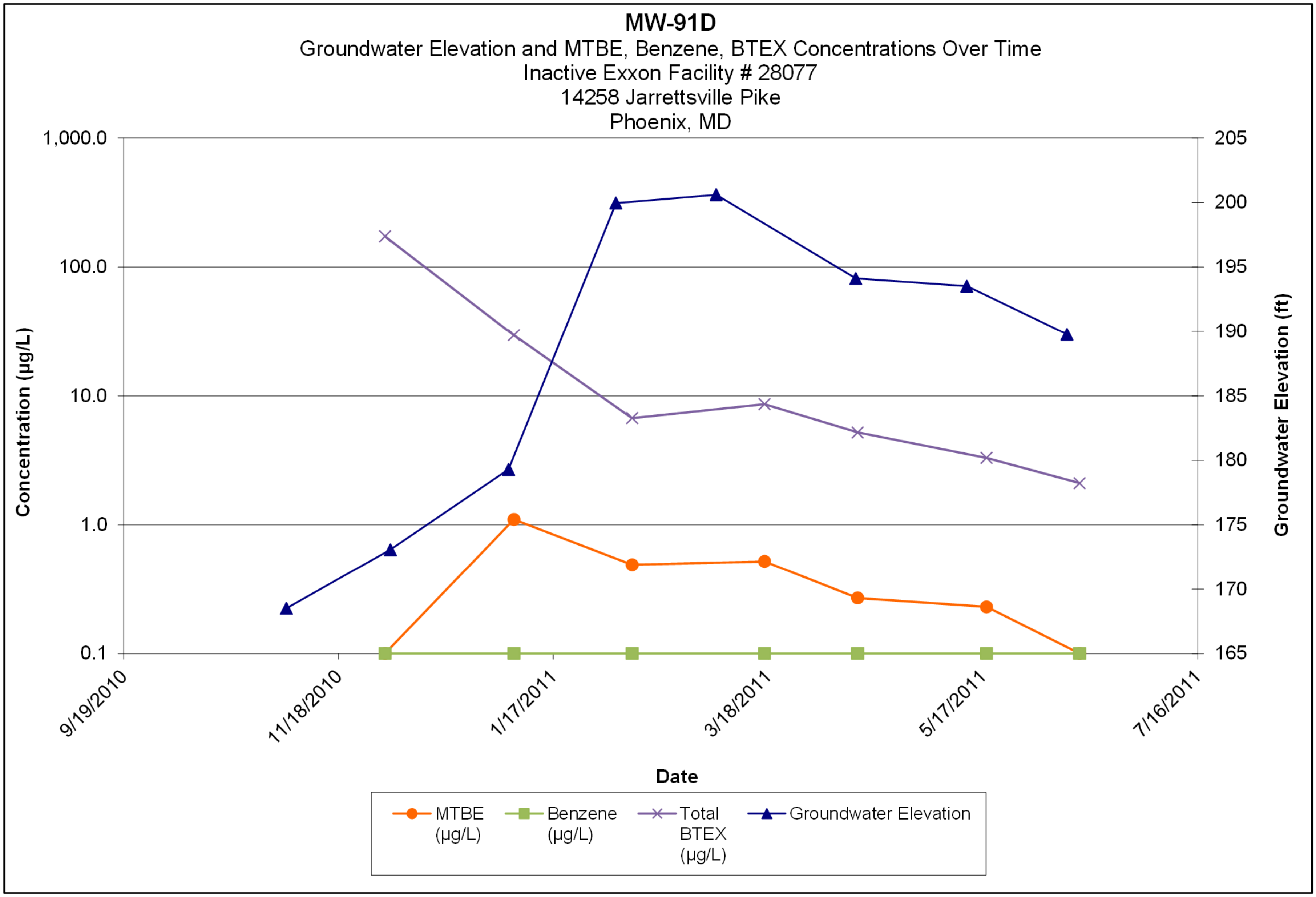
2.) HS-D = Deep Composite HydraSleeve set at bottom of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD



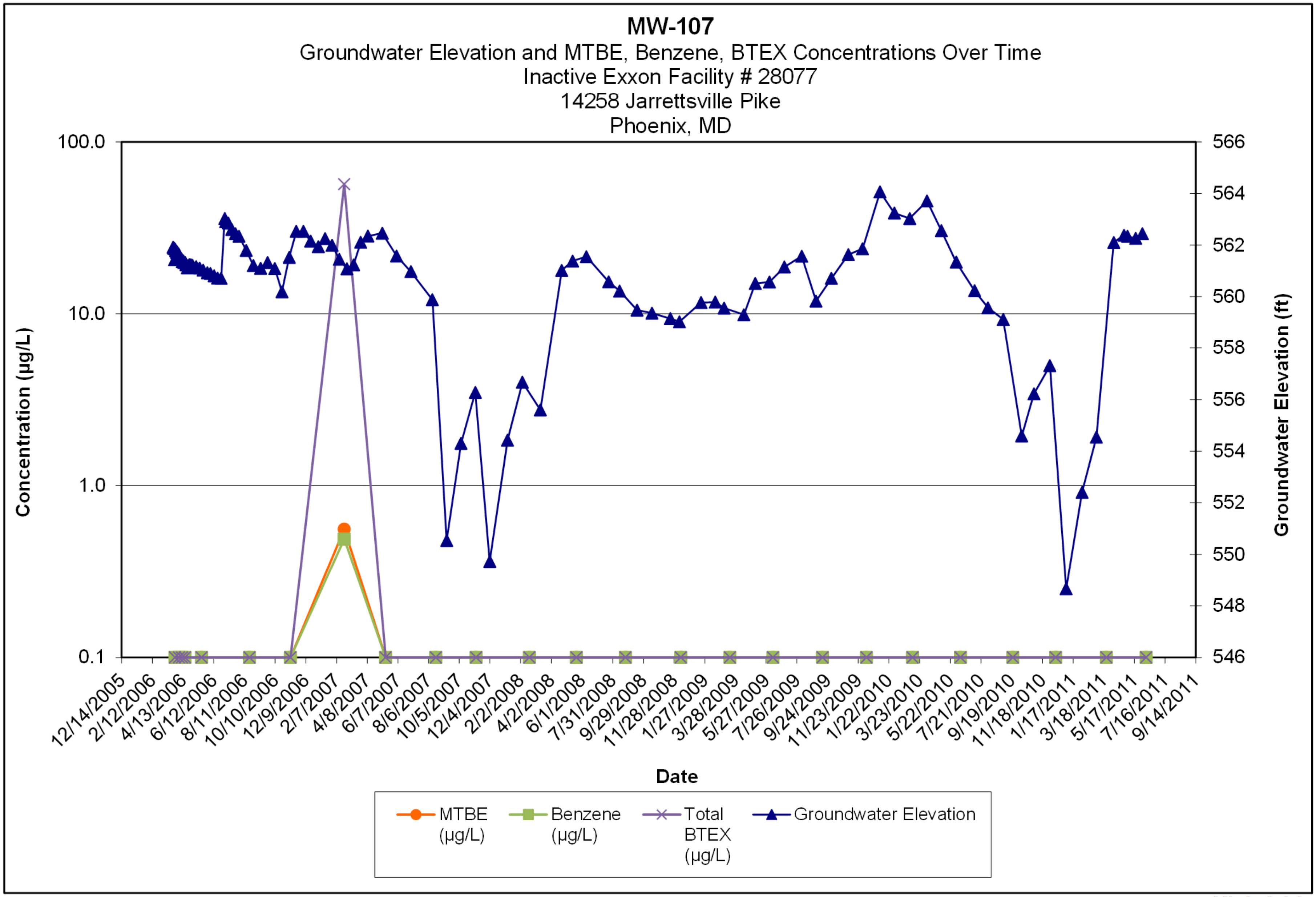
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



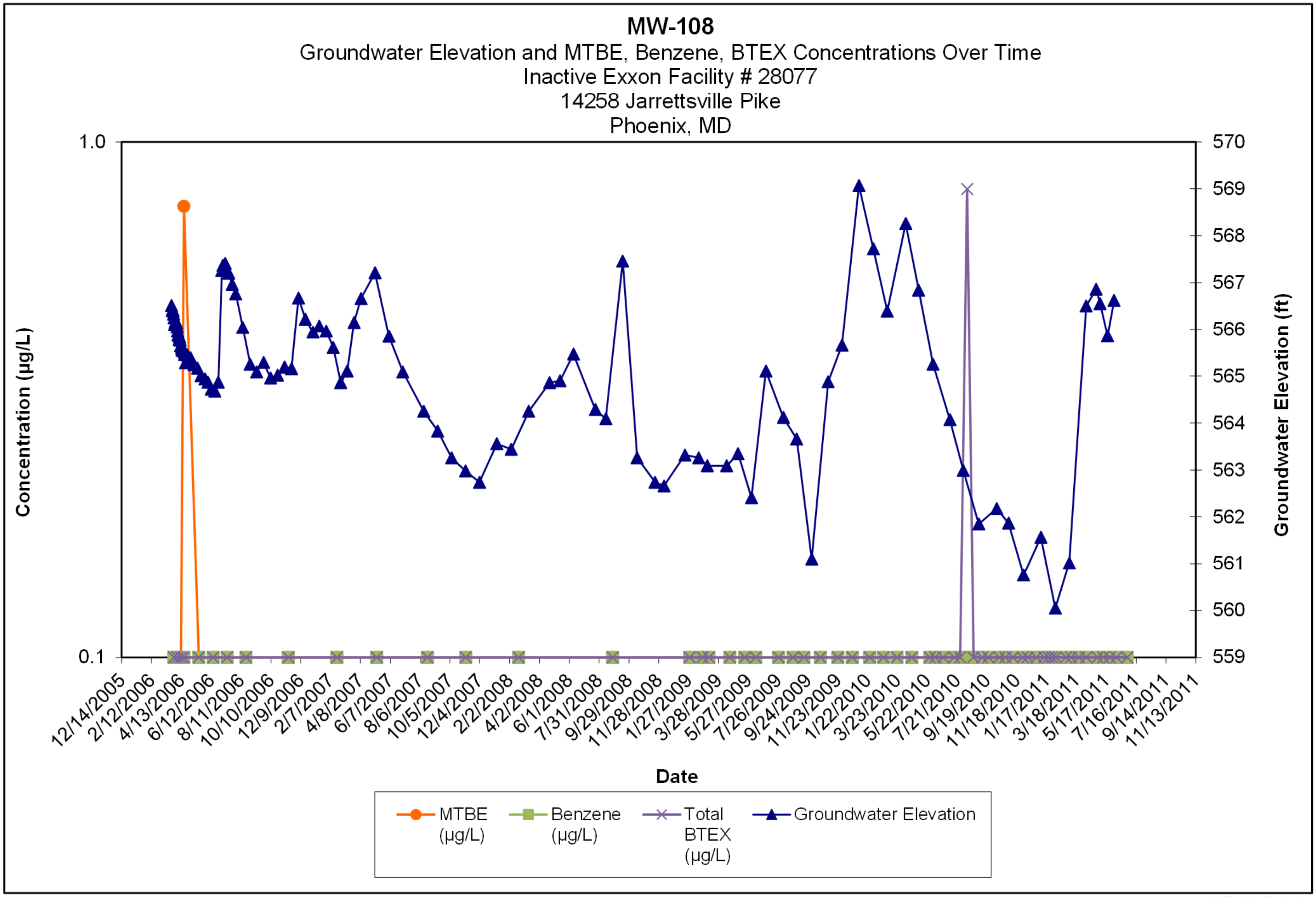
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

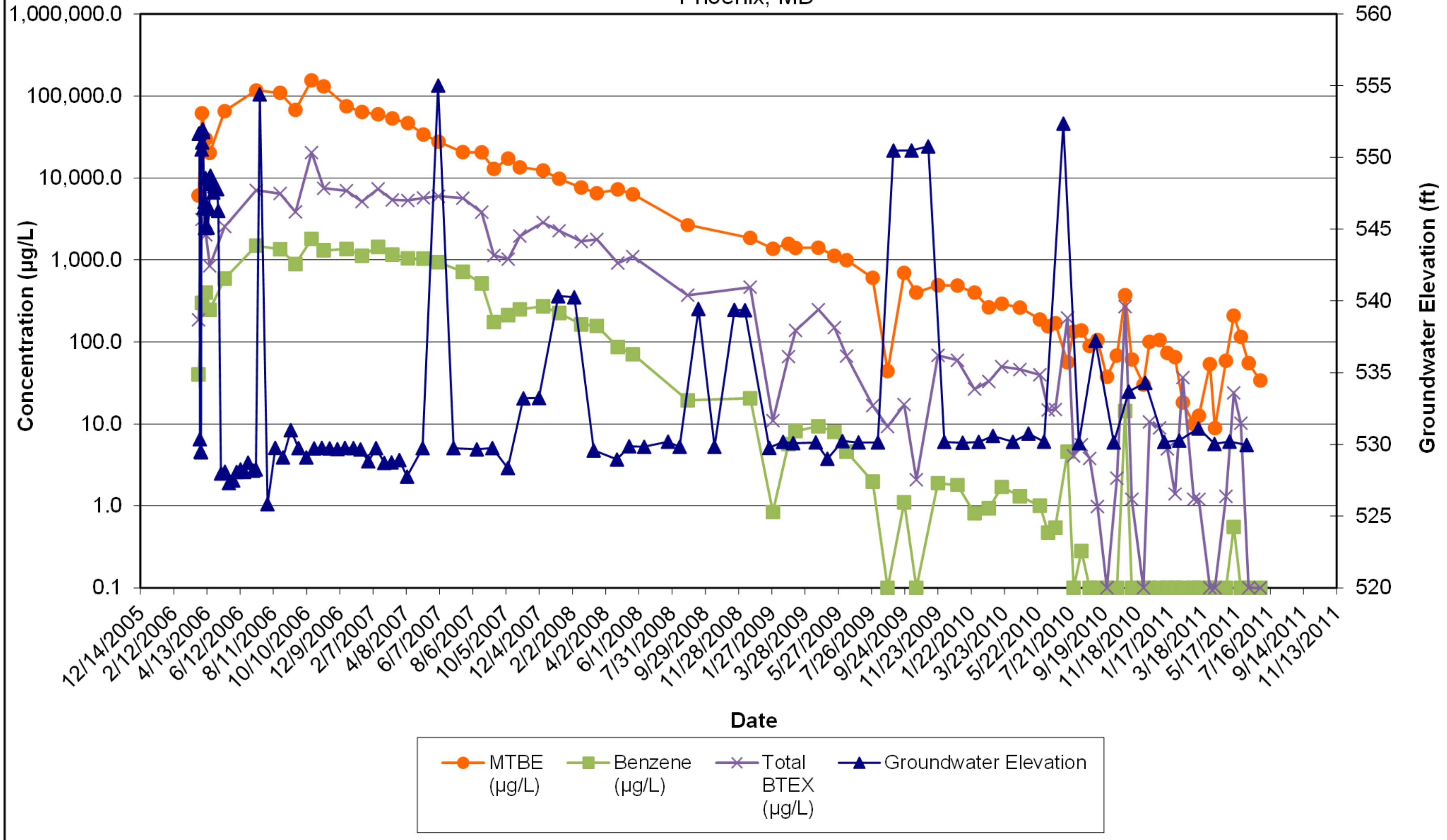


Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

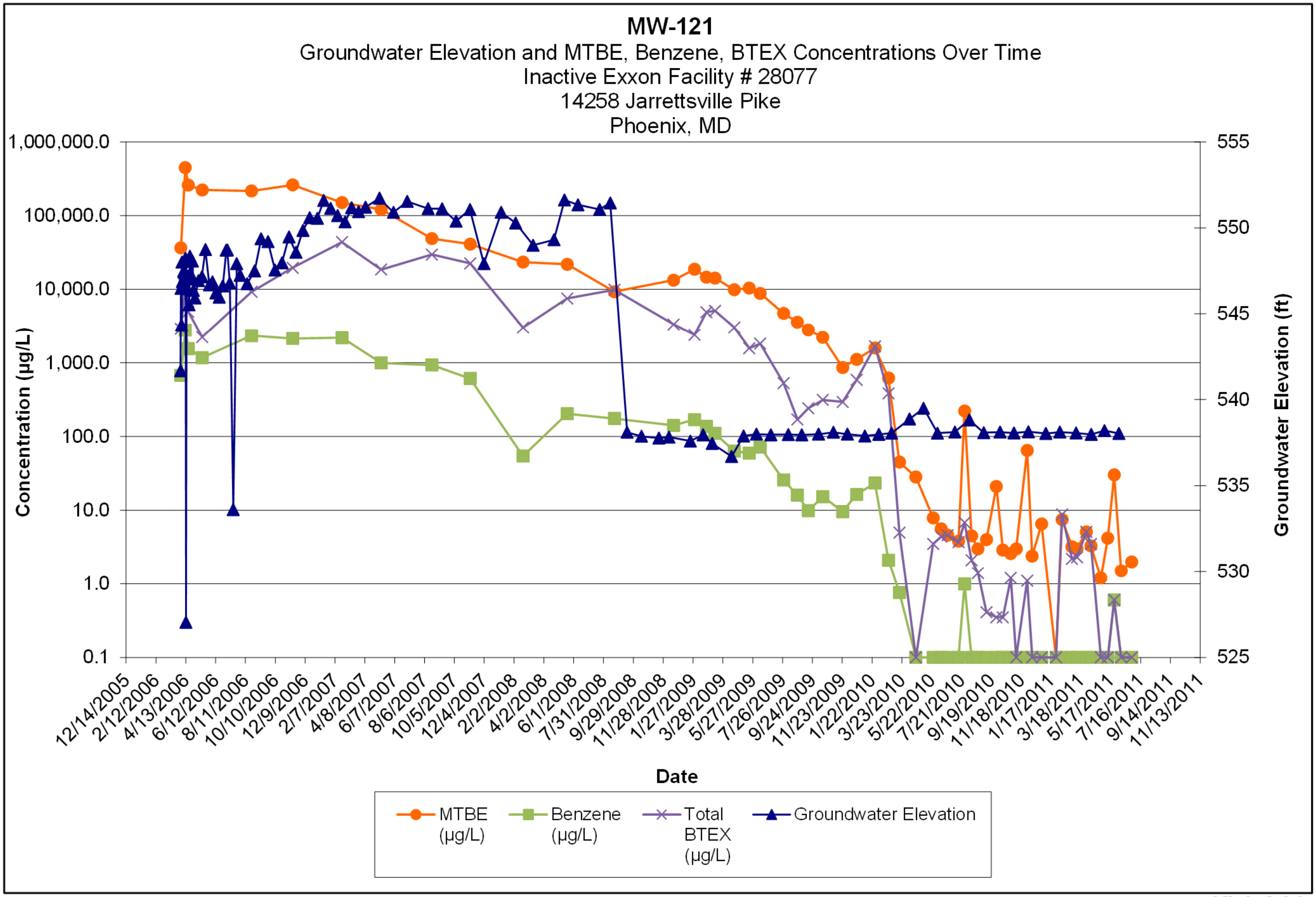
MW-110

Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



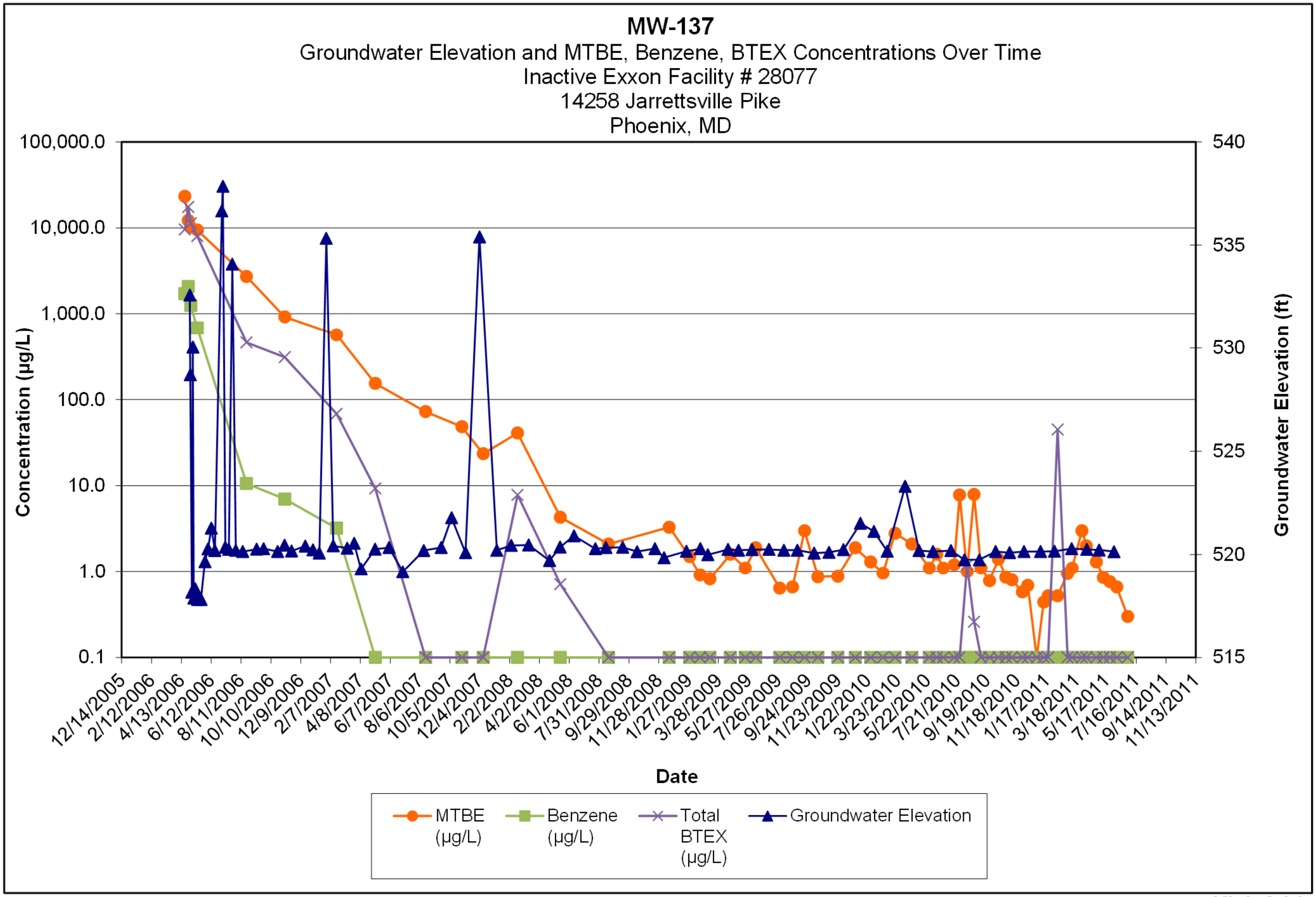
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



Kleinfelder
1340 Charwood Road
Hanover, MD

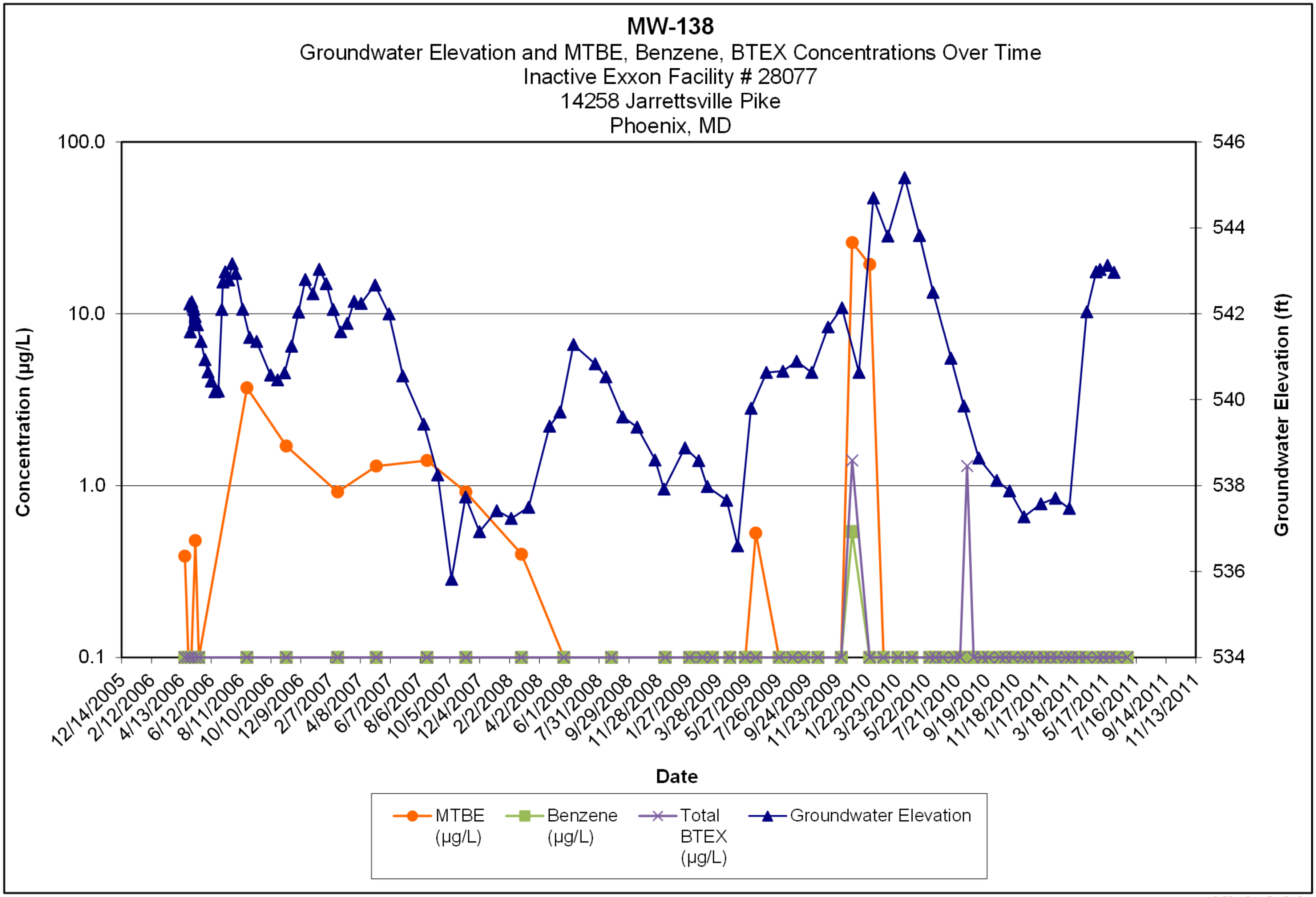
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

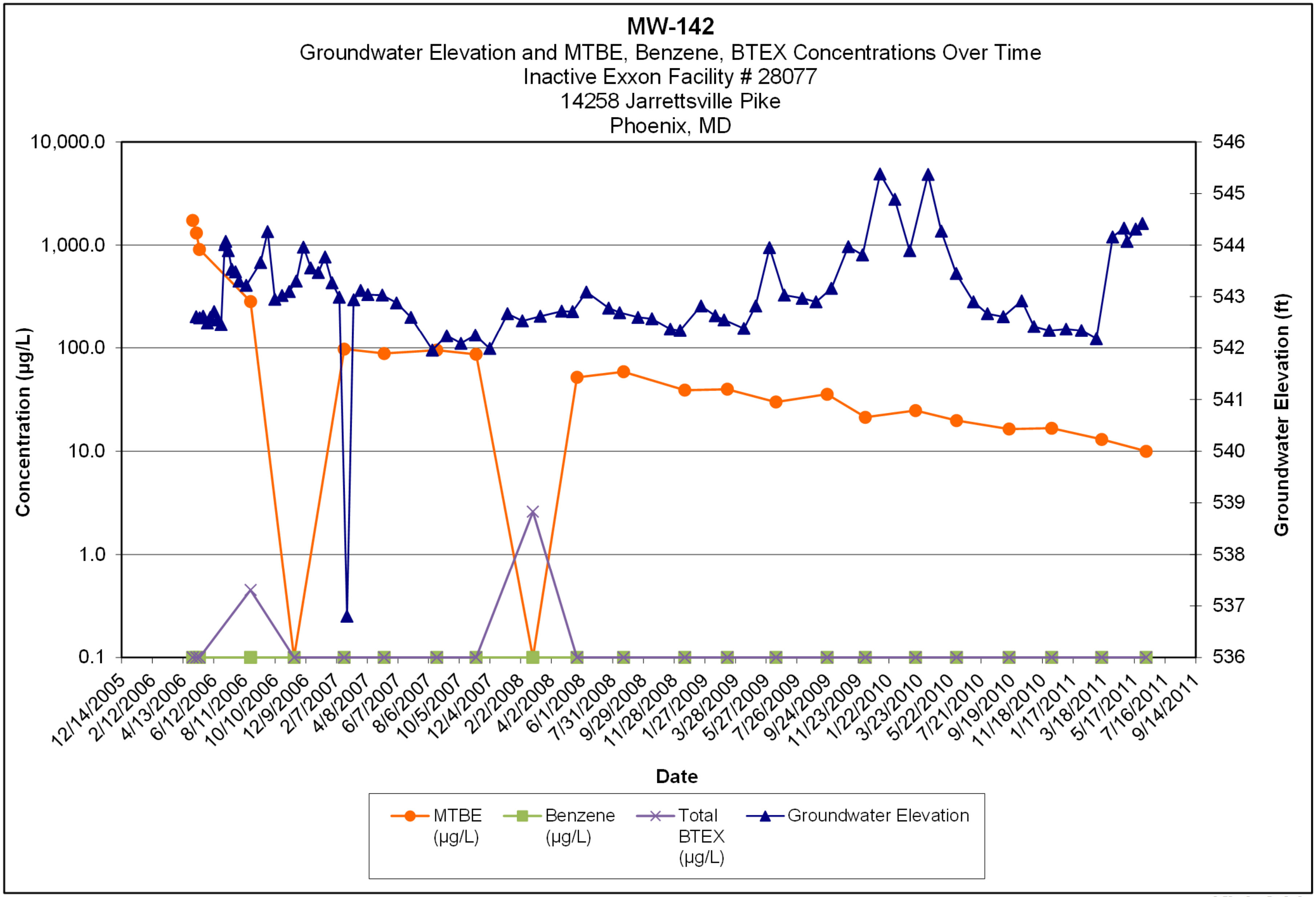
Kleinfelder
1340 Charwood Road
Hanover, MD

KLEINFELDER
Bright People. Right Solutions.



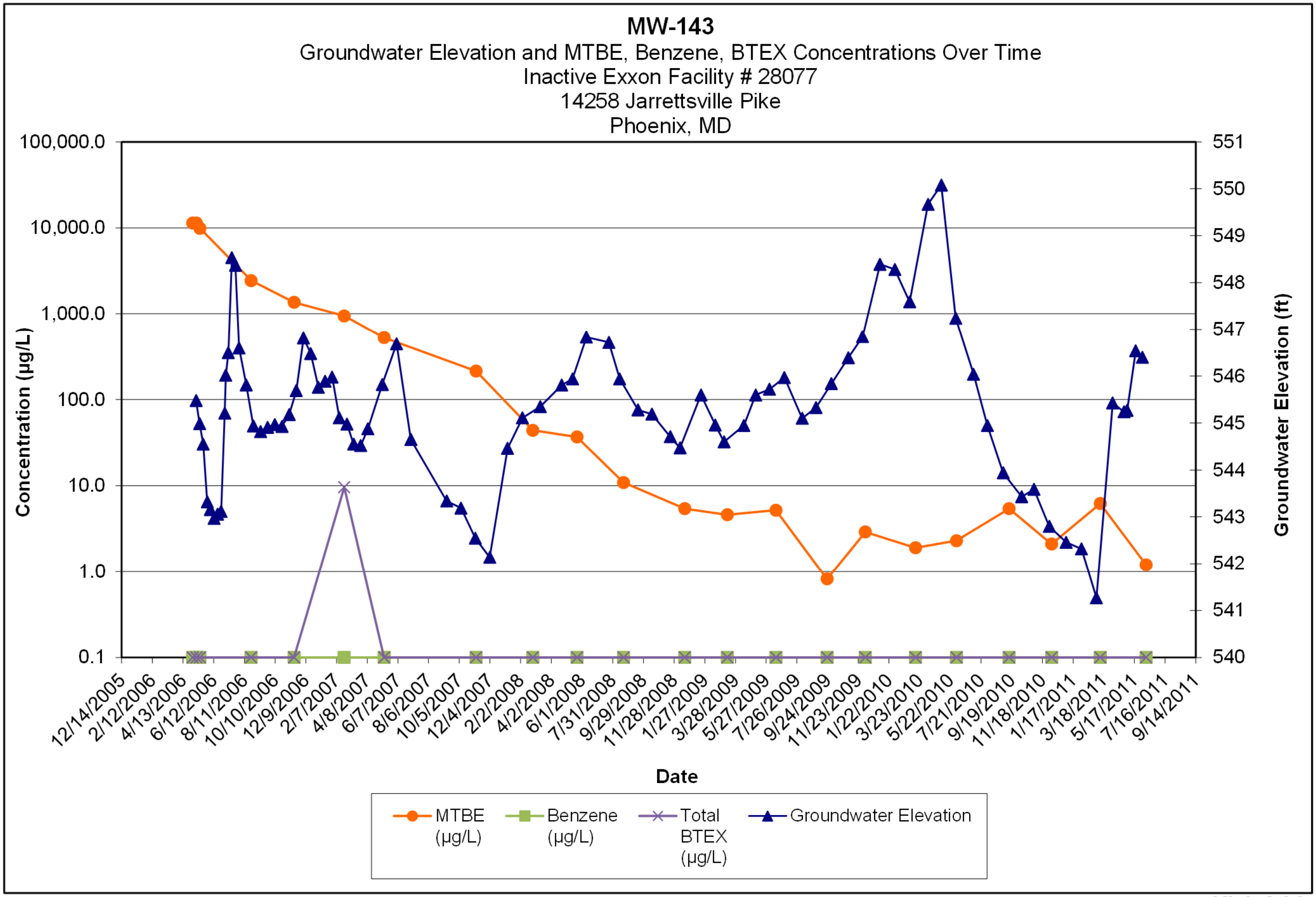
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



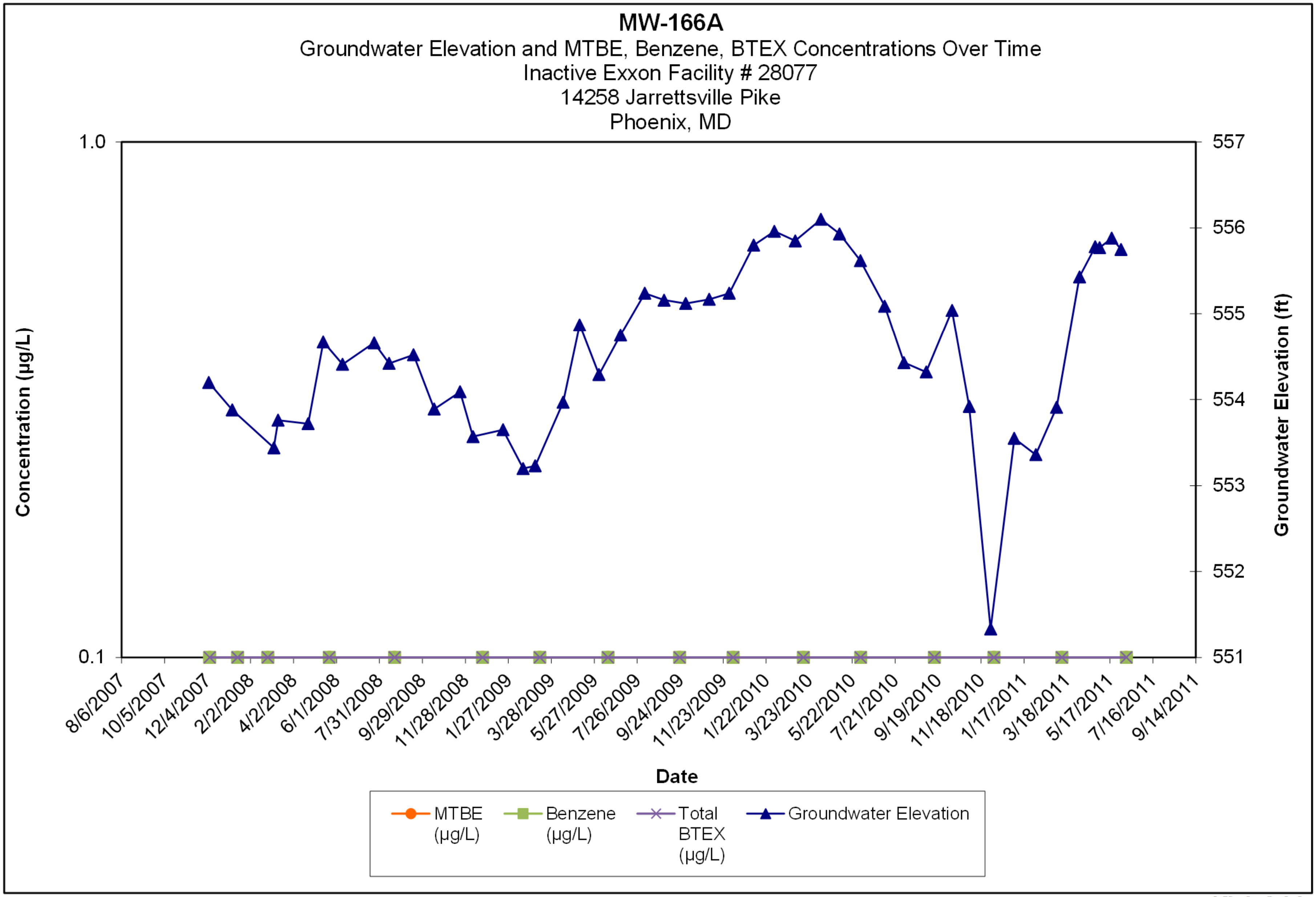
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



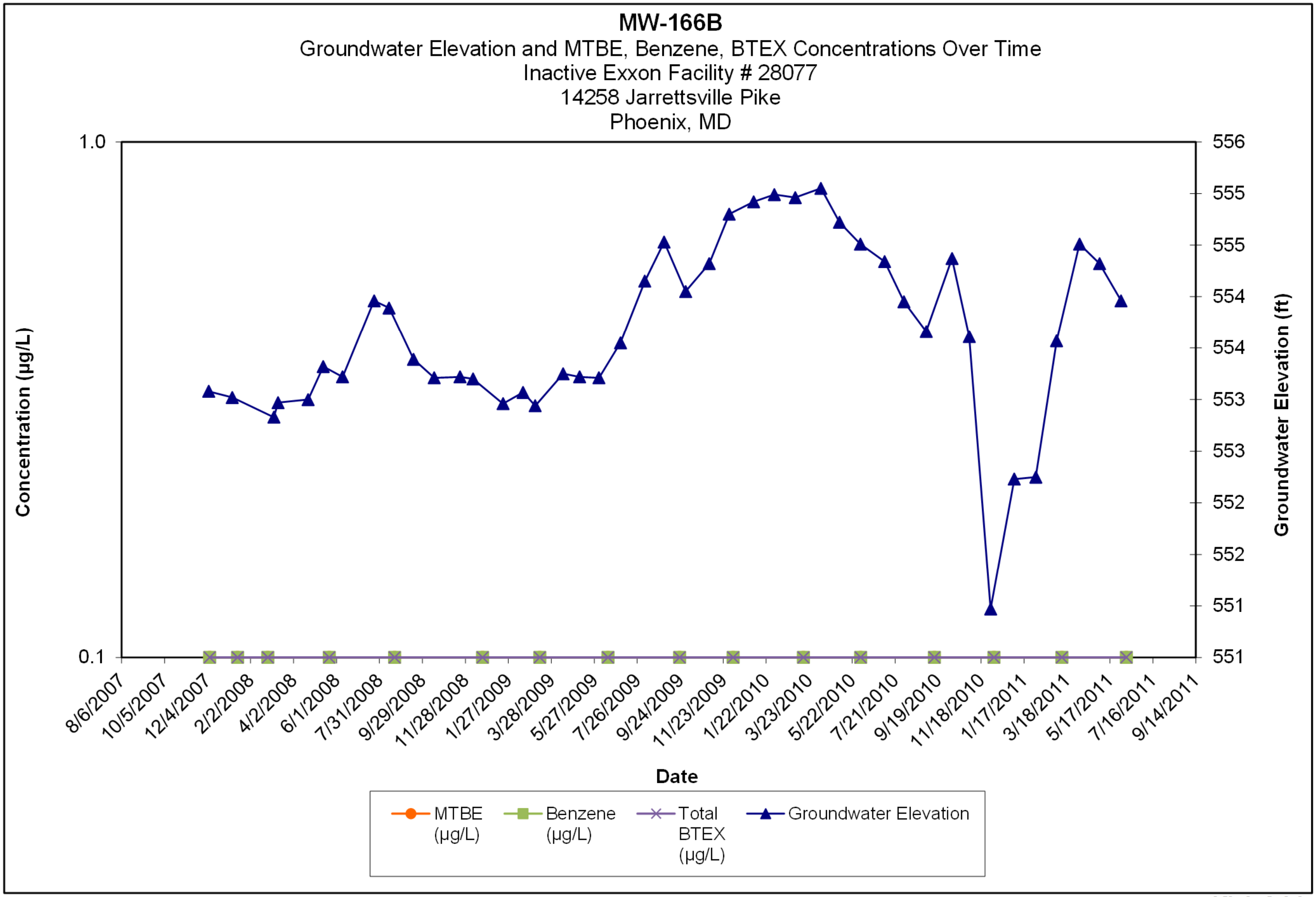
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



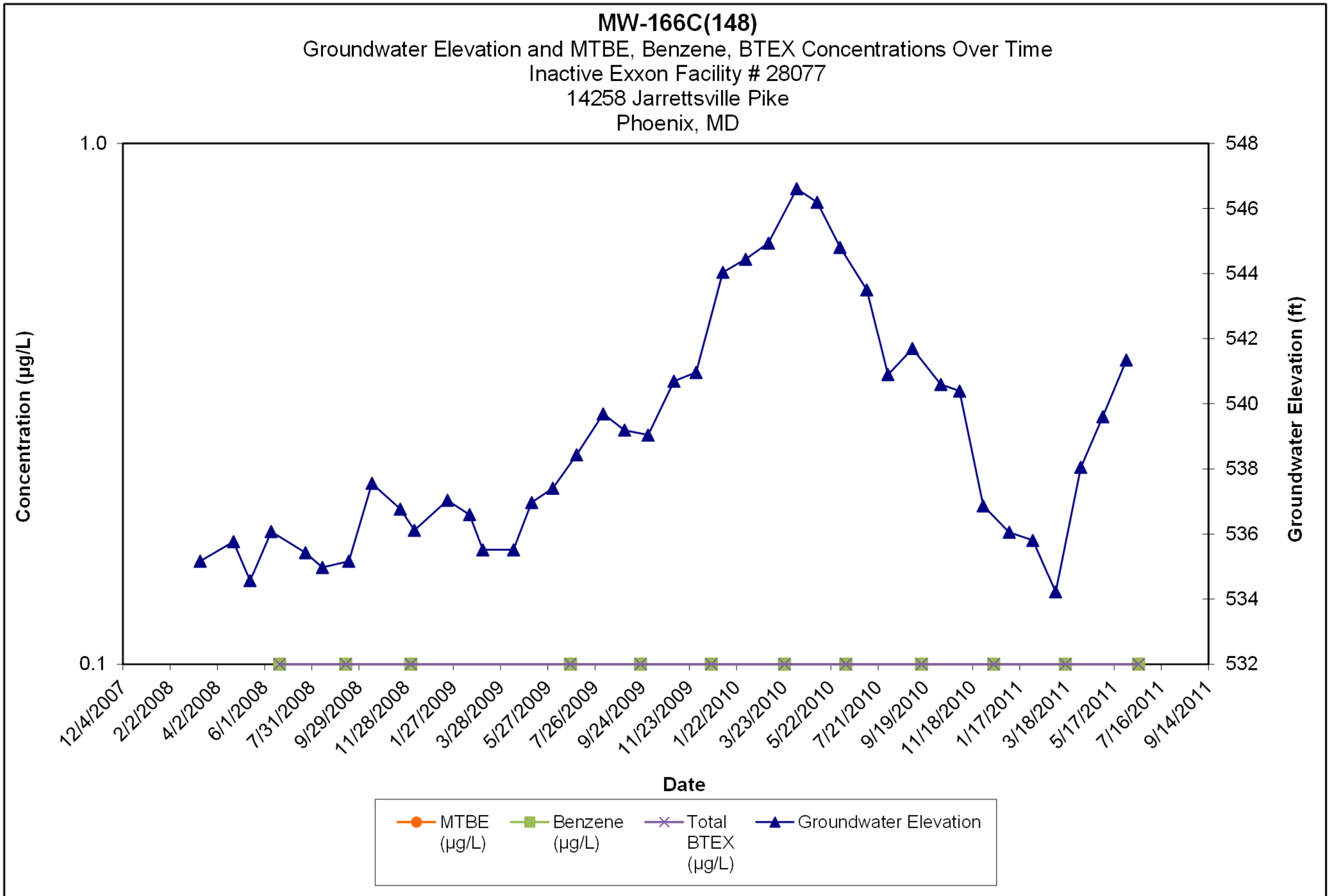
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

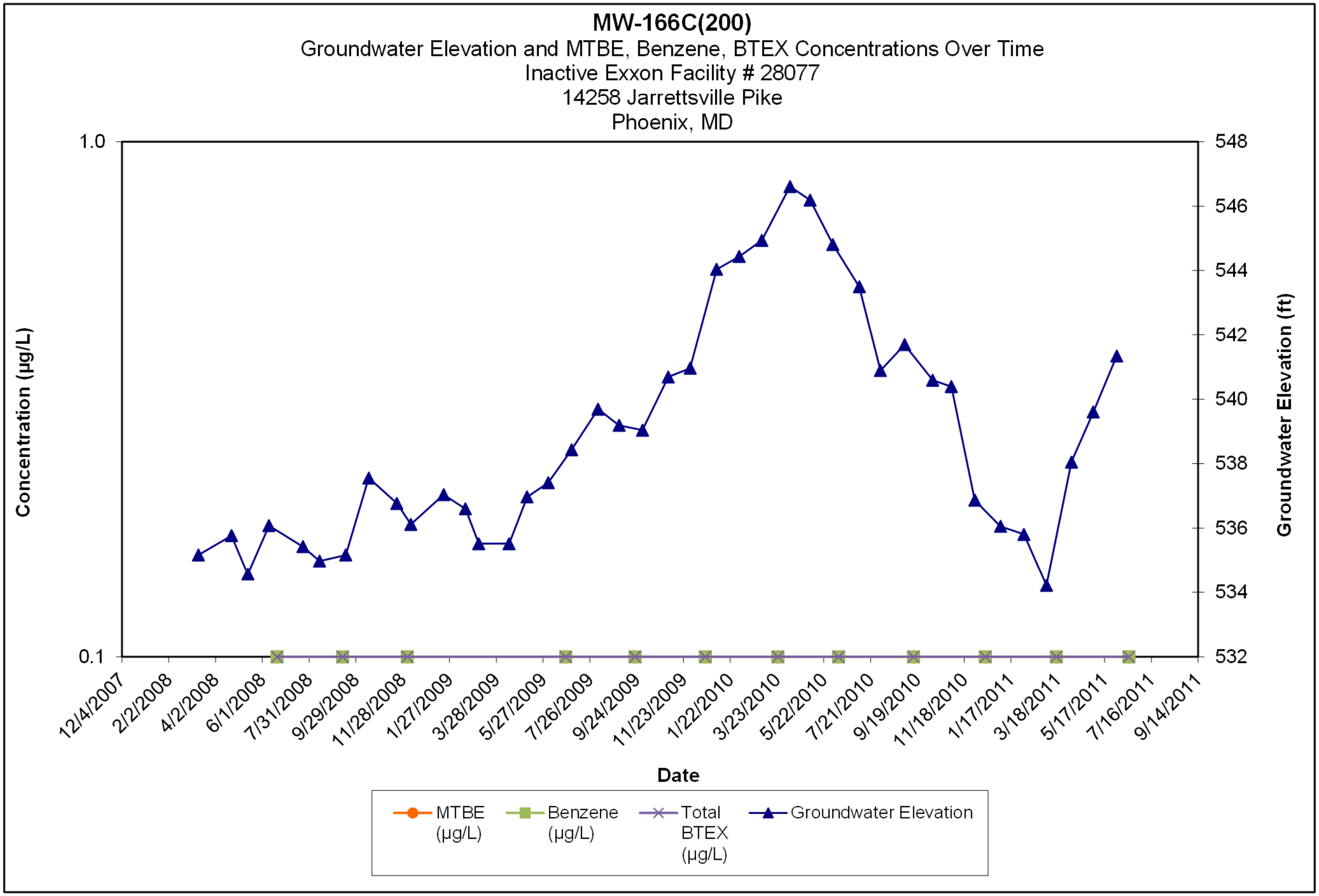


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on May 20, 2008.

Kleinfelder
1340 Charwood Road
Hanover, MD



Notes:

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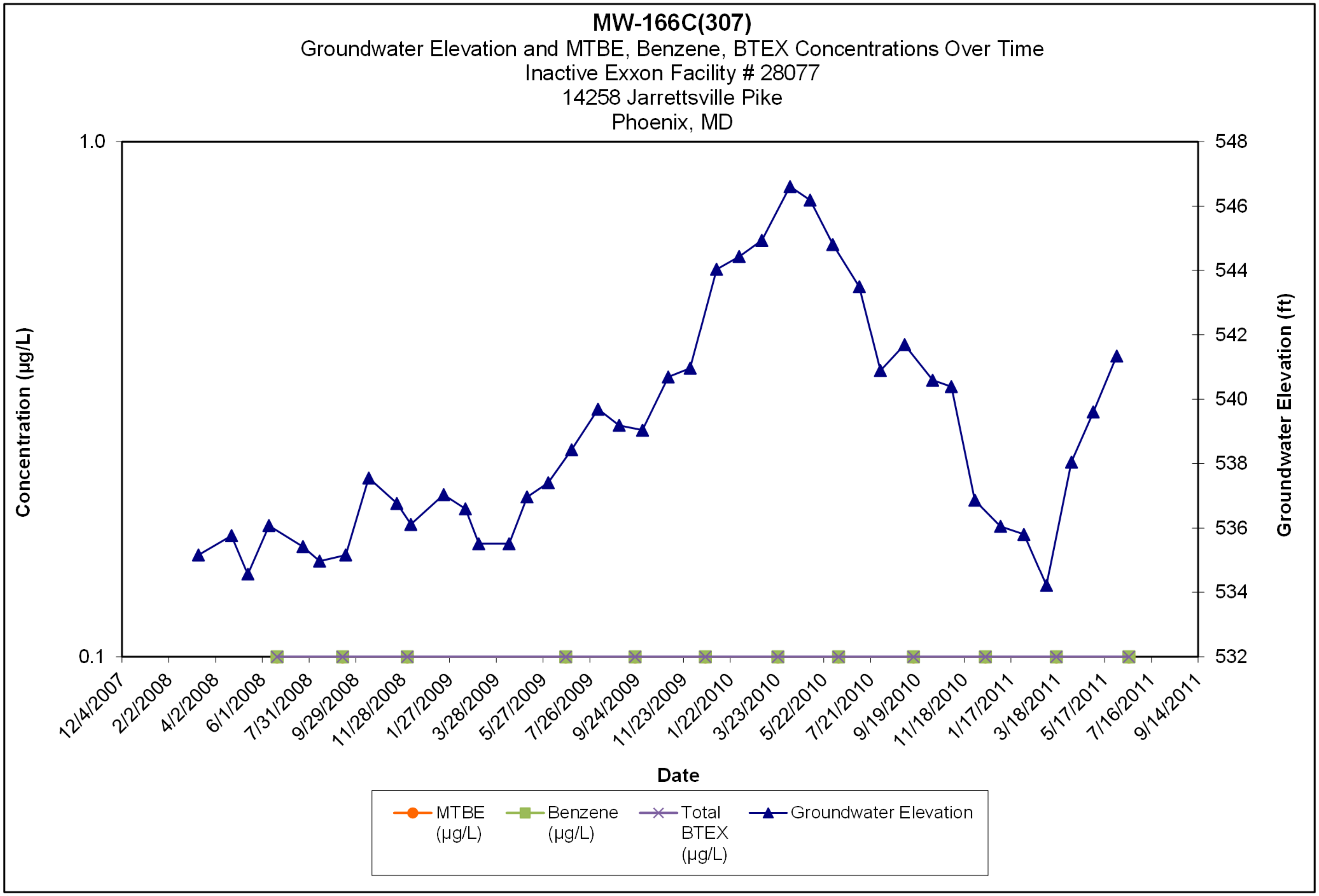
Kleinfelder
1340 Charwood Road
Hanover, MD



Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

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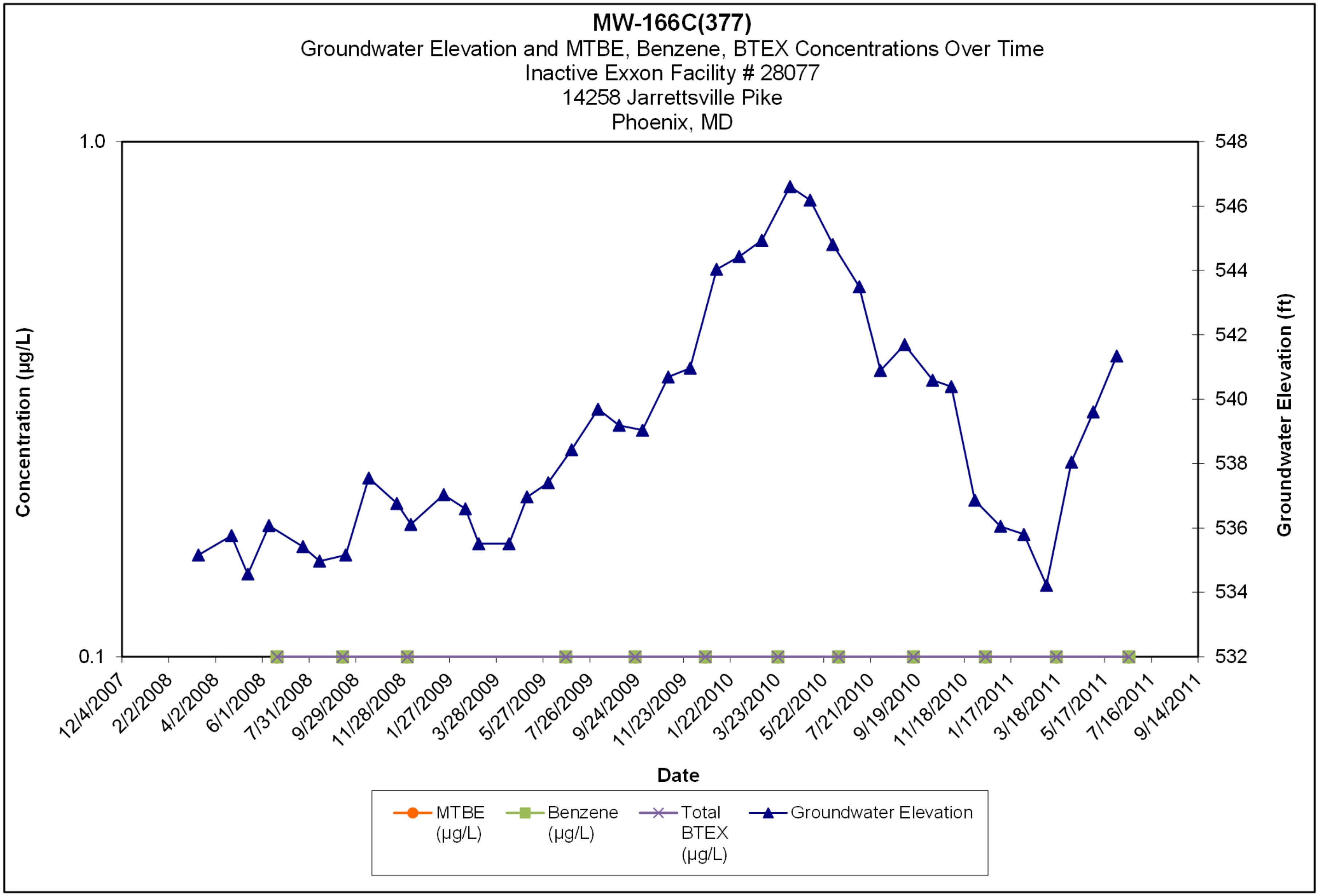
Kleinfelder
1340 Charwood Road
Hanover, MD



Notes:

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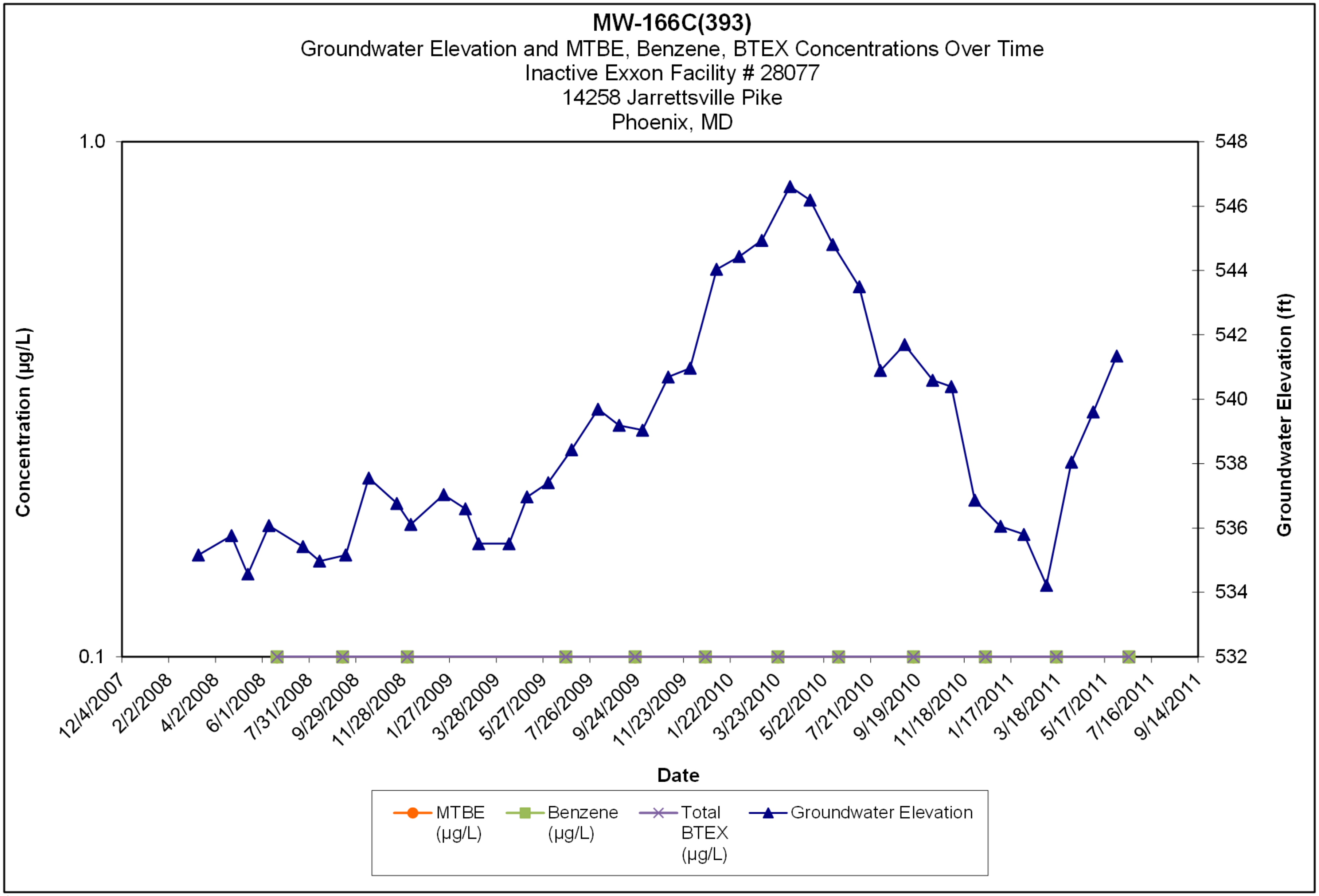
2.) Discrete interval (HydraSleeve) sampling approved by the MDE on May 20, 2008.

Kleinfelder
1340 Charwood Road
Hanover, MD



Notes:

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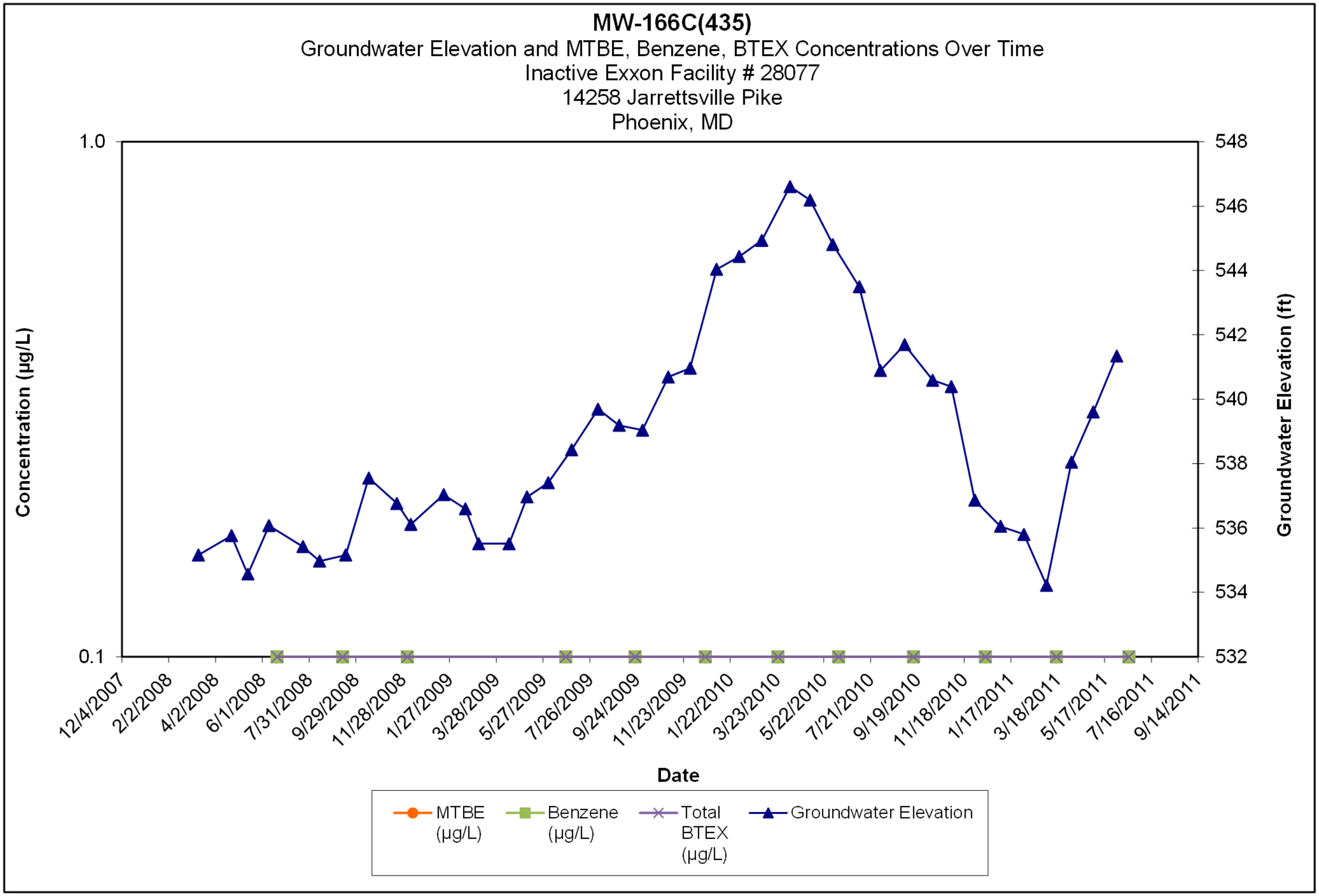
Kleinfelder
1340 Charwood Road
Hanover, MD

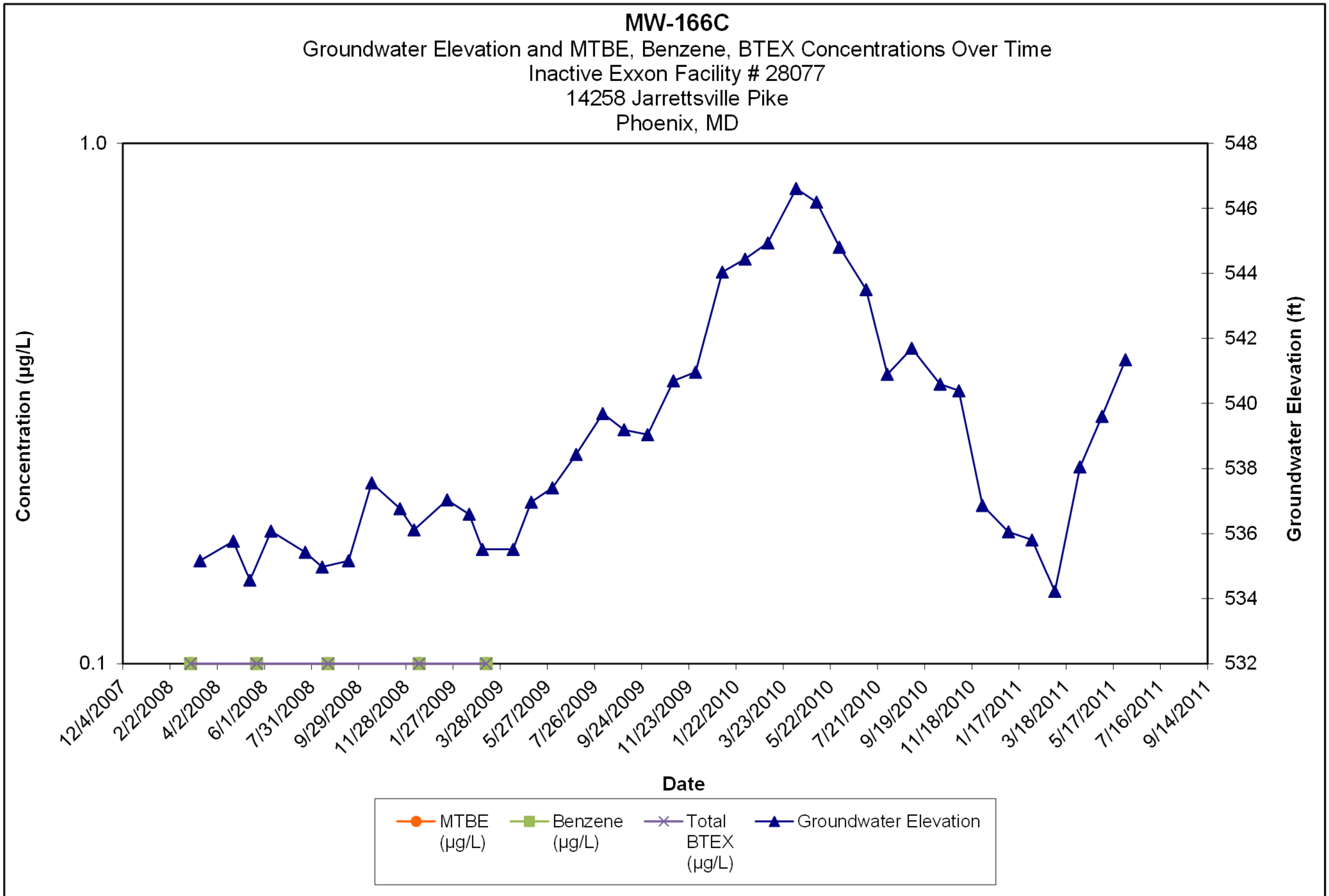


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on May 20, 2008.

Kleinfelder
1340 Charwood Road
Hanover, MD

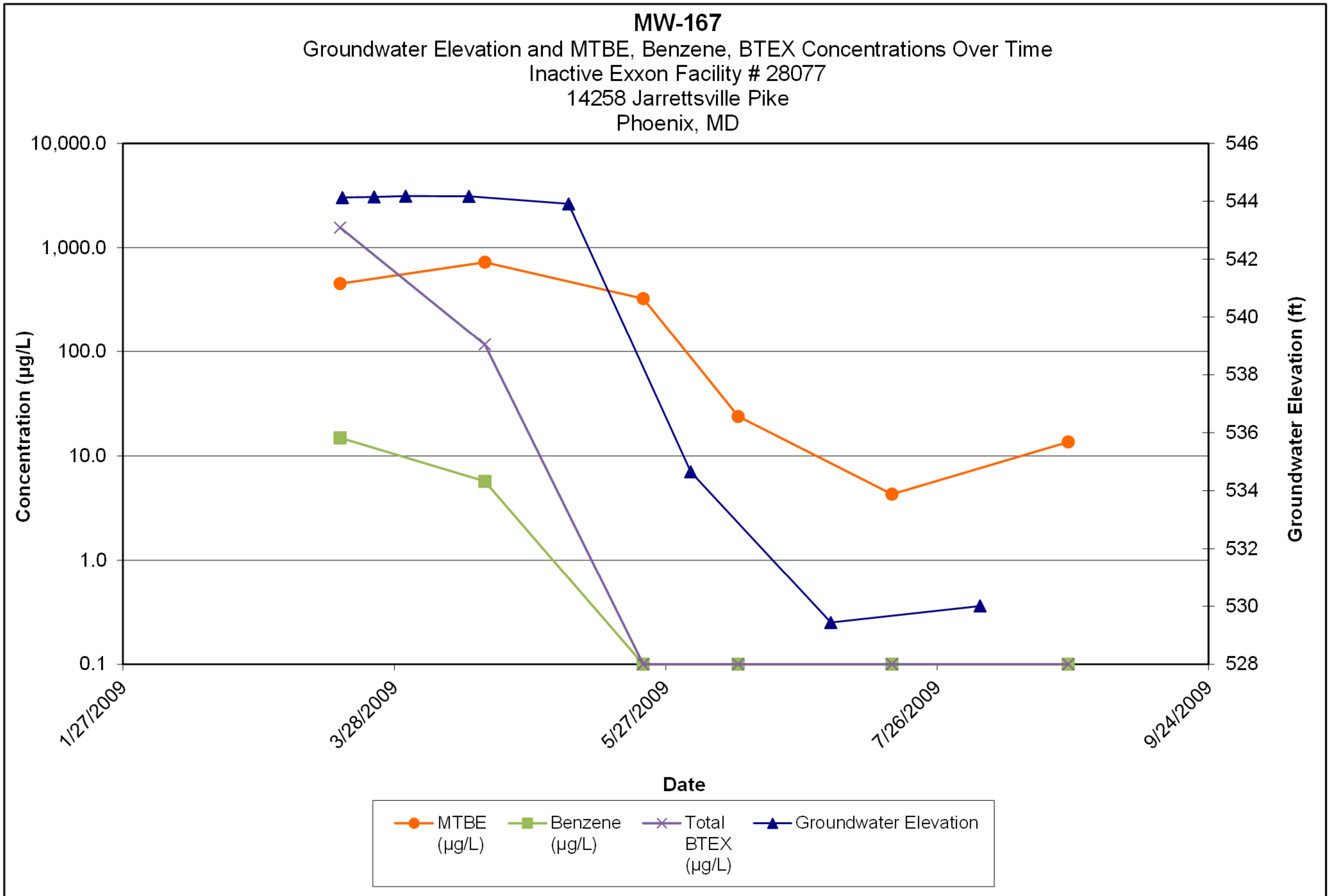


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on May 20, 2008.

Kleinfelder
1340 Charwood Road
Hanover, MD

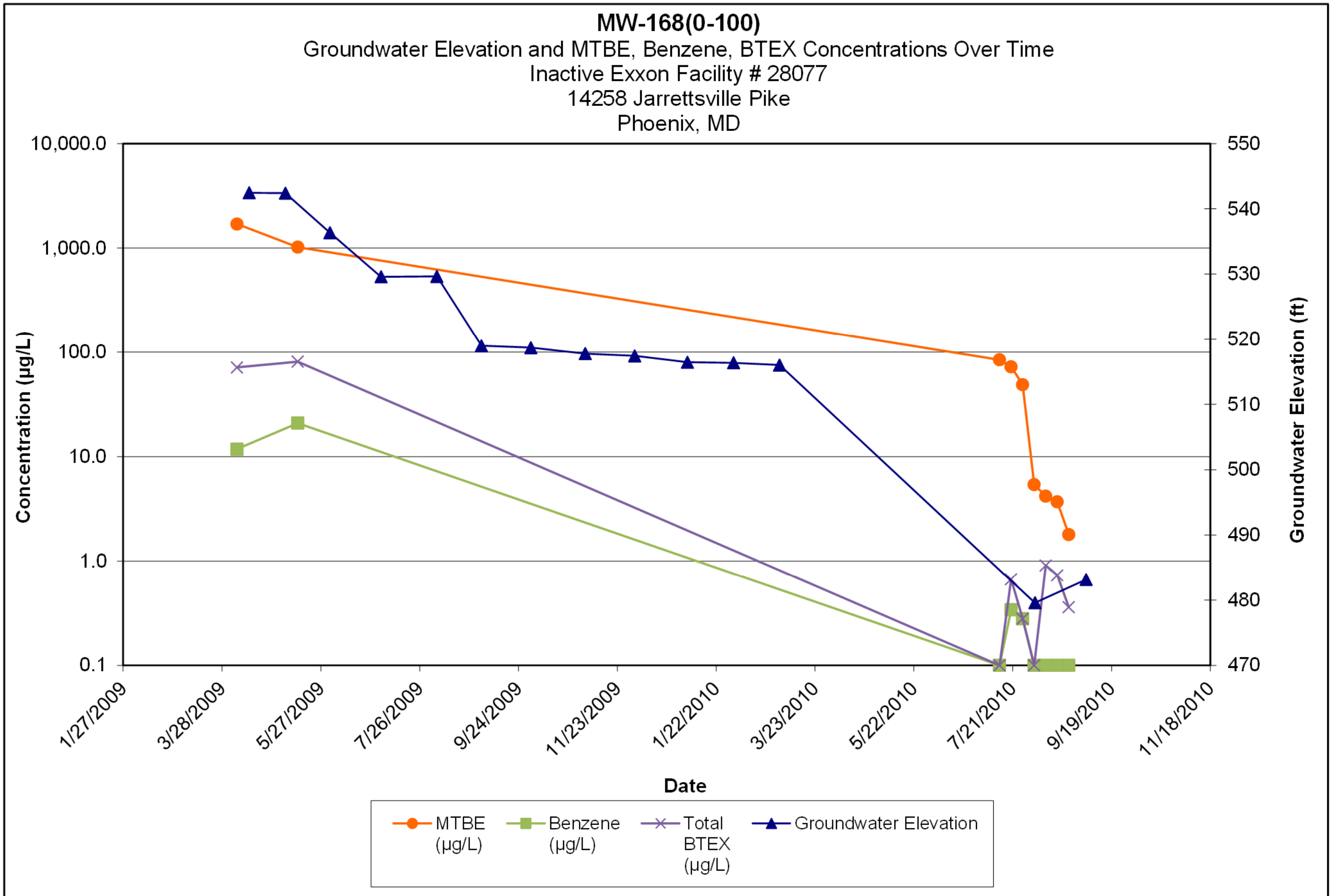


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Well has been dry since August 2009.

Kleinfelder
1340 Charwood Road
Hanover, MD

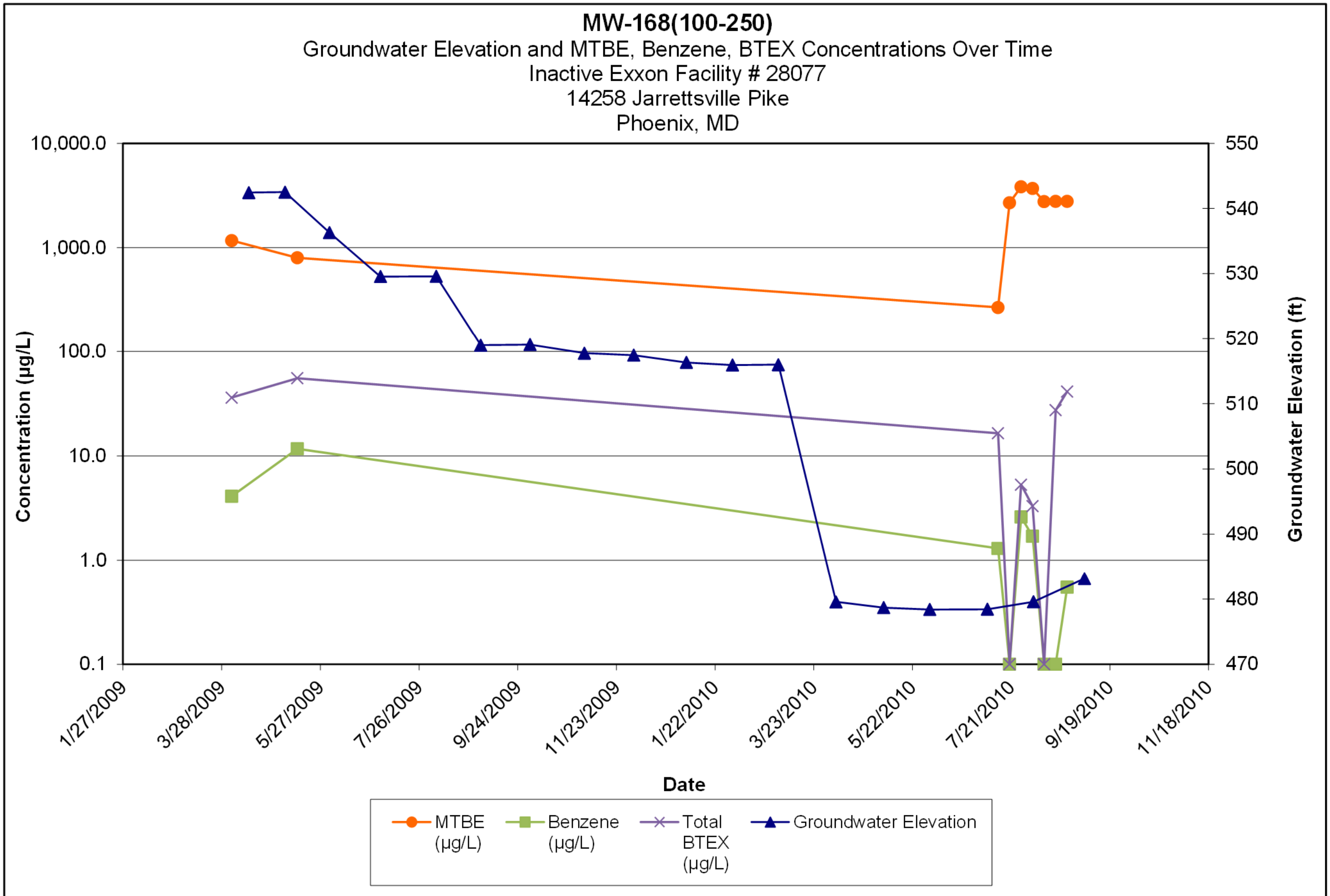


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) K-packer installed at 100' below grade on 3/31/2009, and removed on 8/25/2010.

Kleinfelder
1340 Charwood Road
Hanover, MD



Notes:

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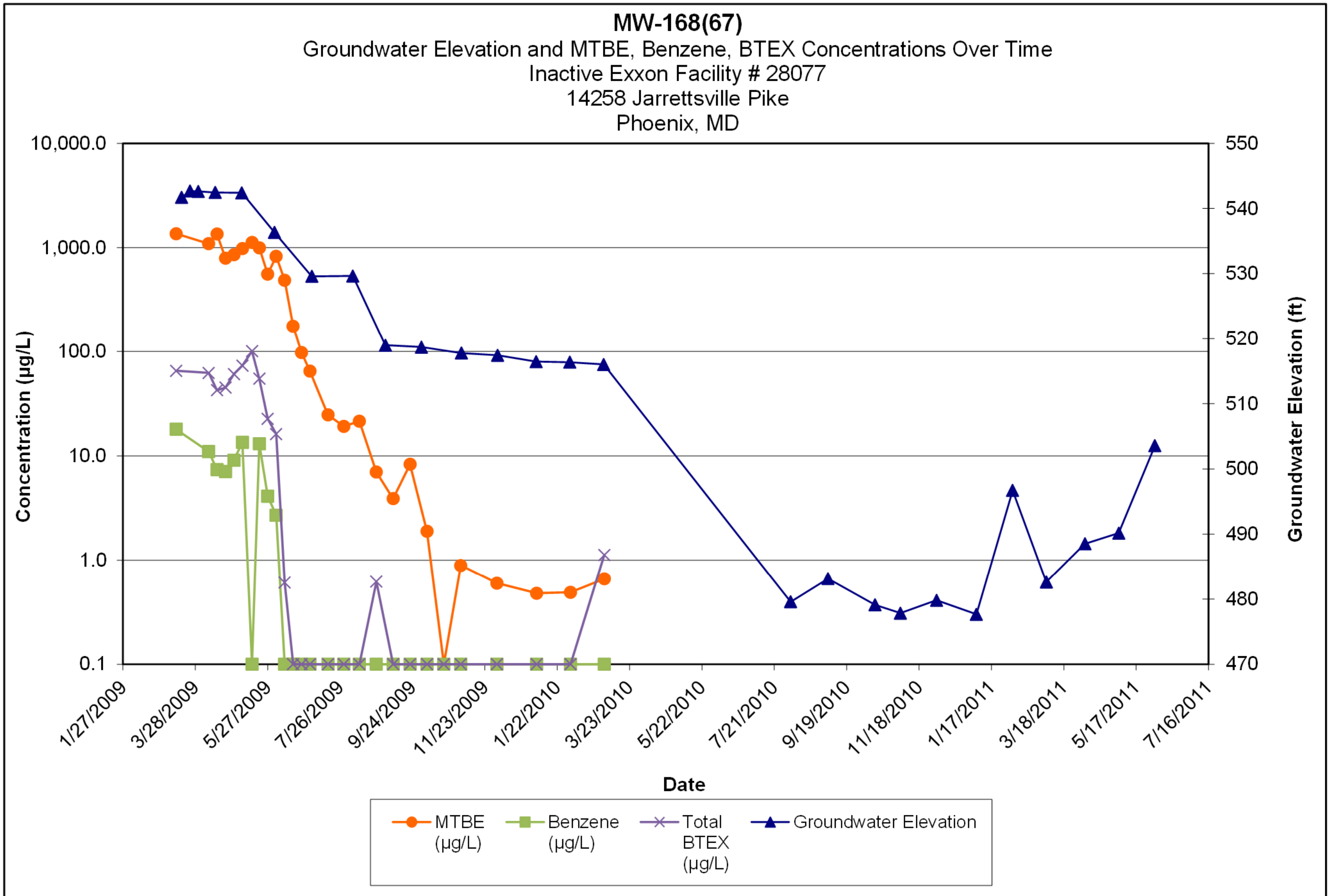
2.) K-packer installed at 100' below grade on 3/31/2009, and removed on 8/25/2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

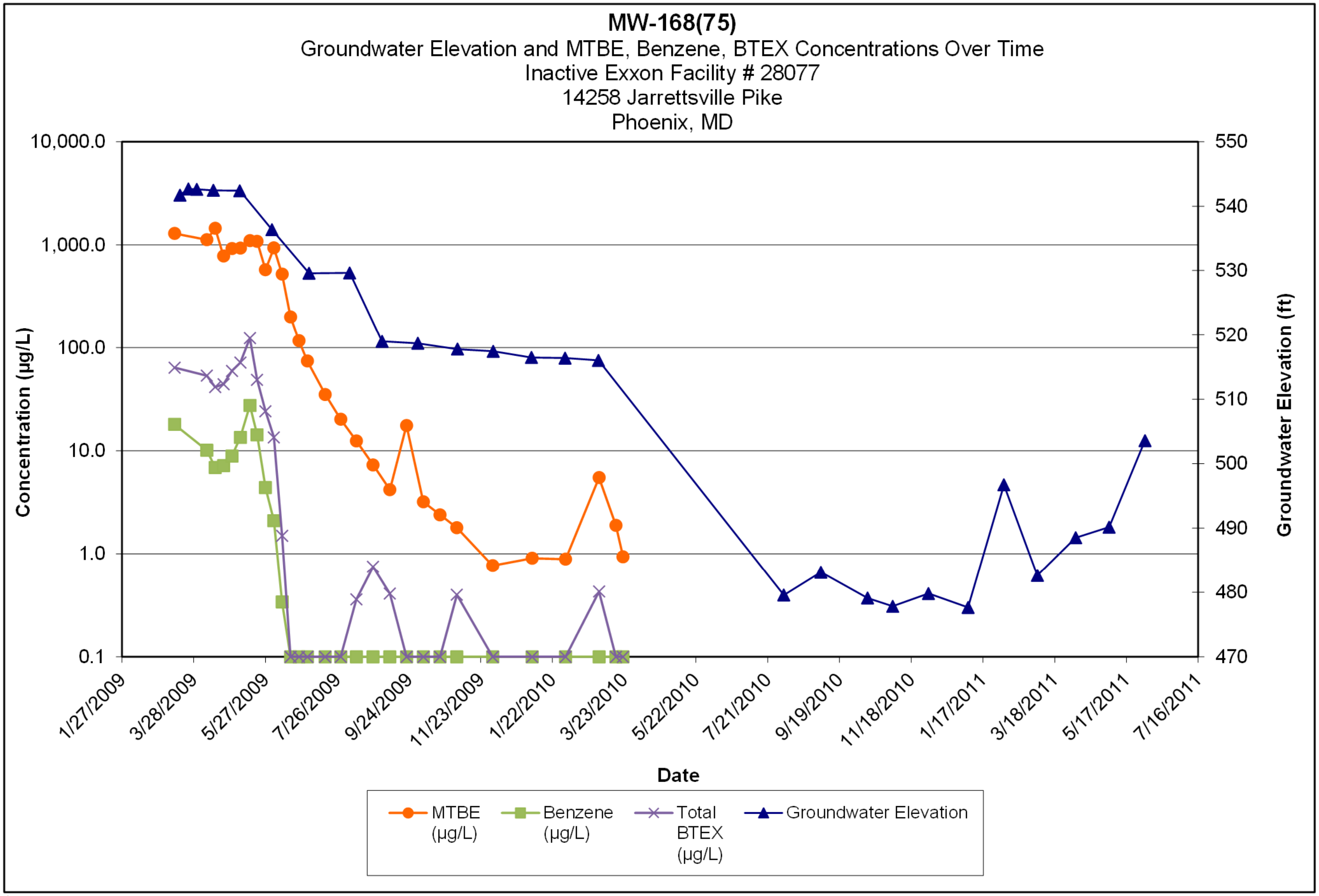


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Water level below sampling interval depth since March 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

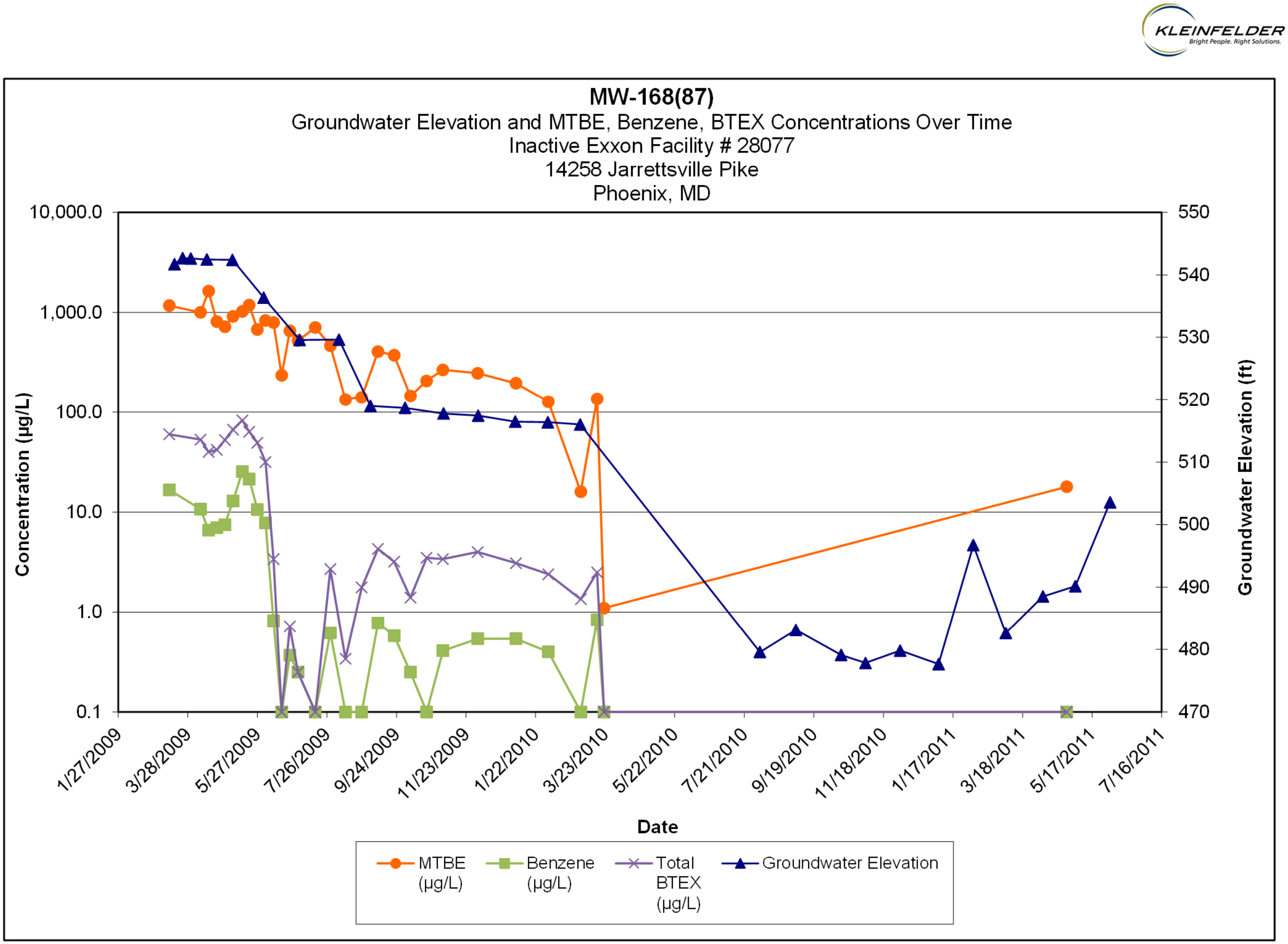


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Water level below sampling interval depth since March 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

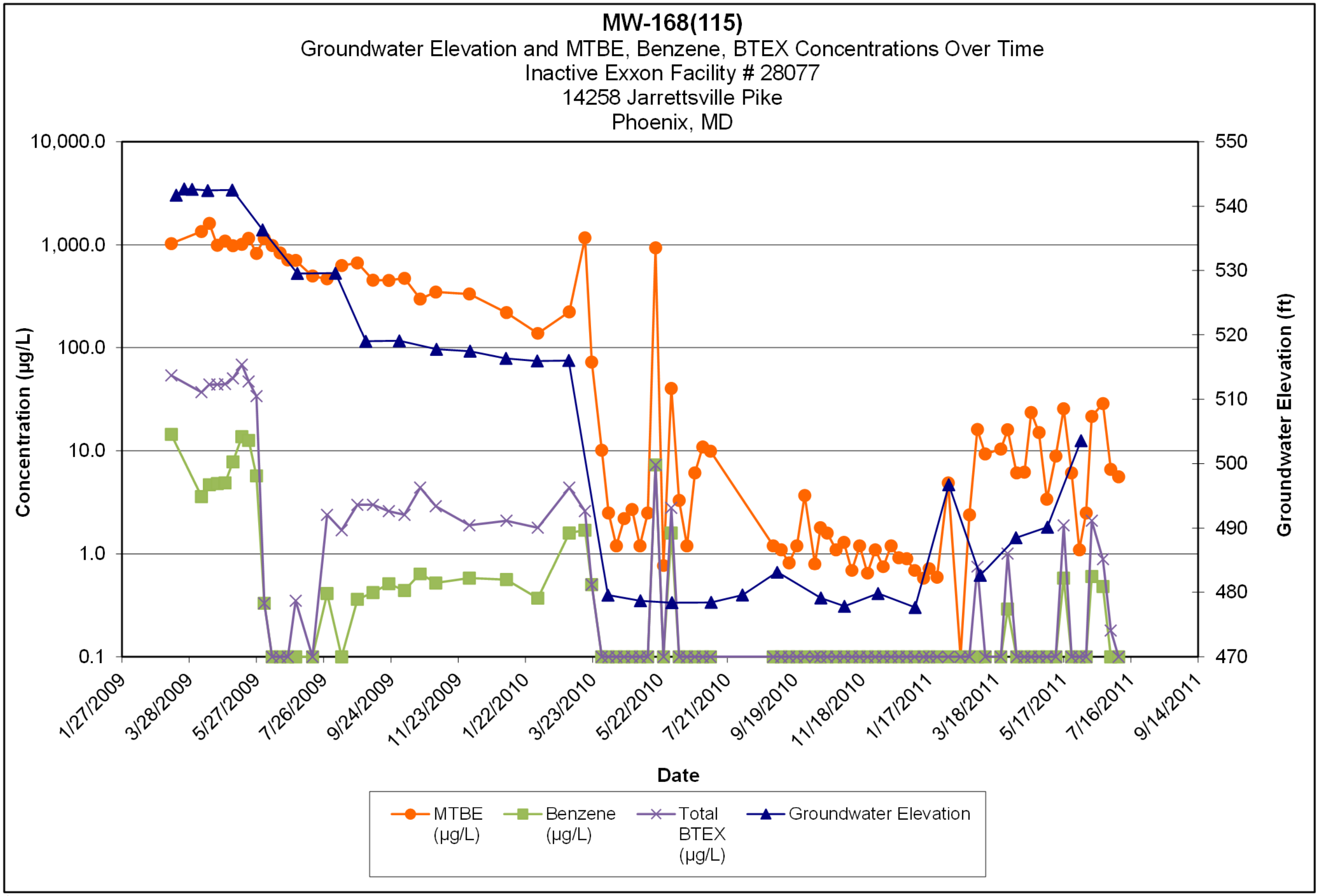


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Water level below sampling interval depth since March 2010 (except 4/25/2011).

Kleinfelder
1340 Charwood Road
Hanover, MD

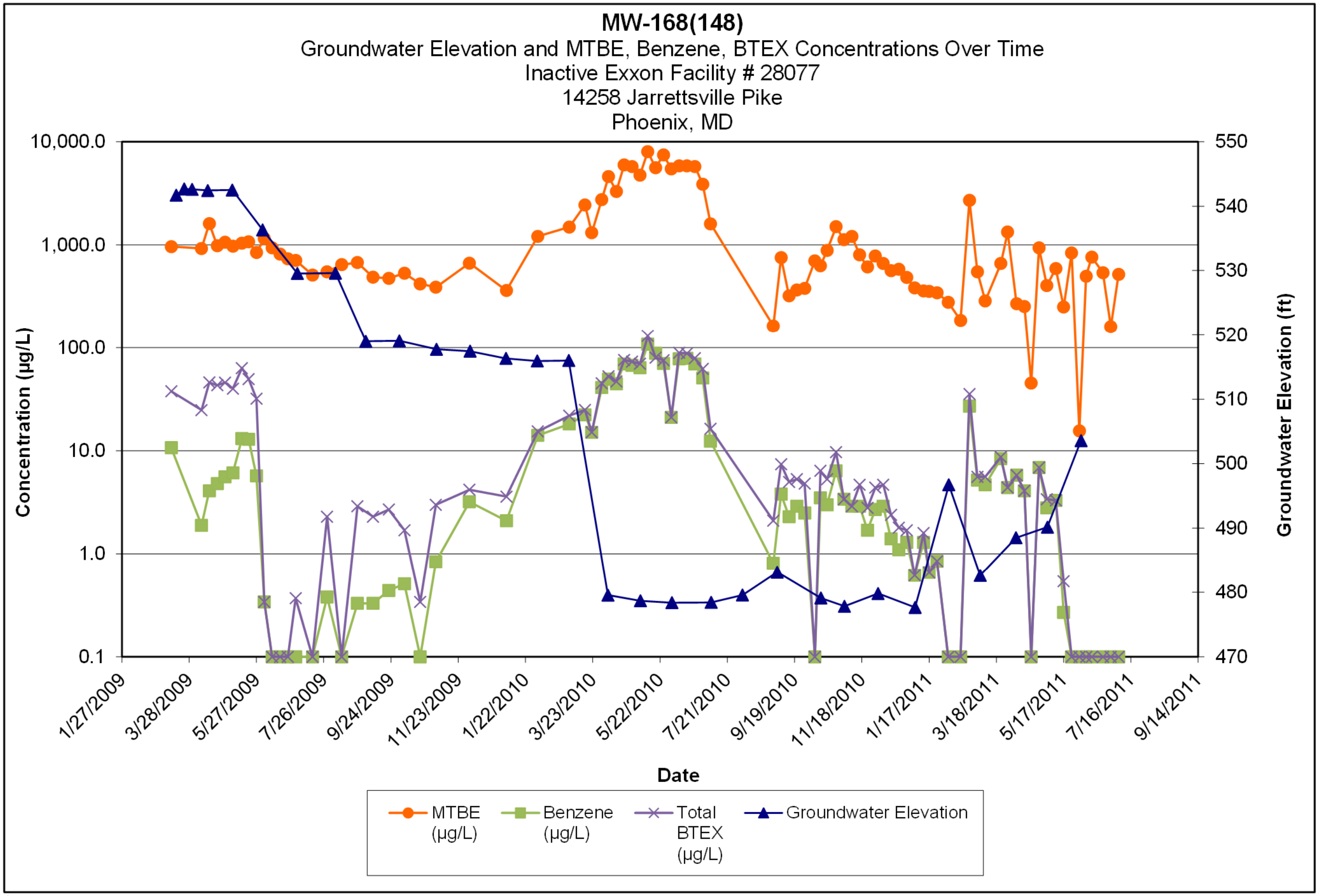


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval sampling via HydraSleeve.

Kleinfelder
1340 Charwood Road
Hanover, MD

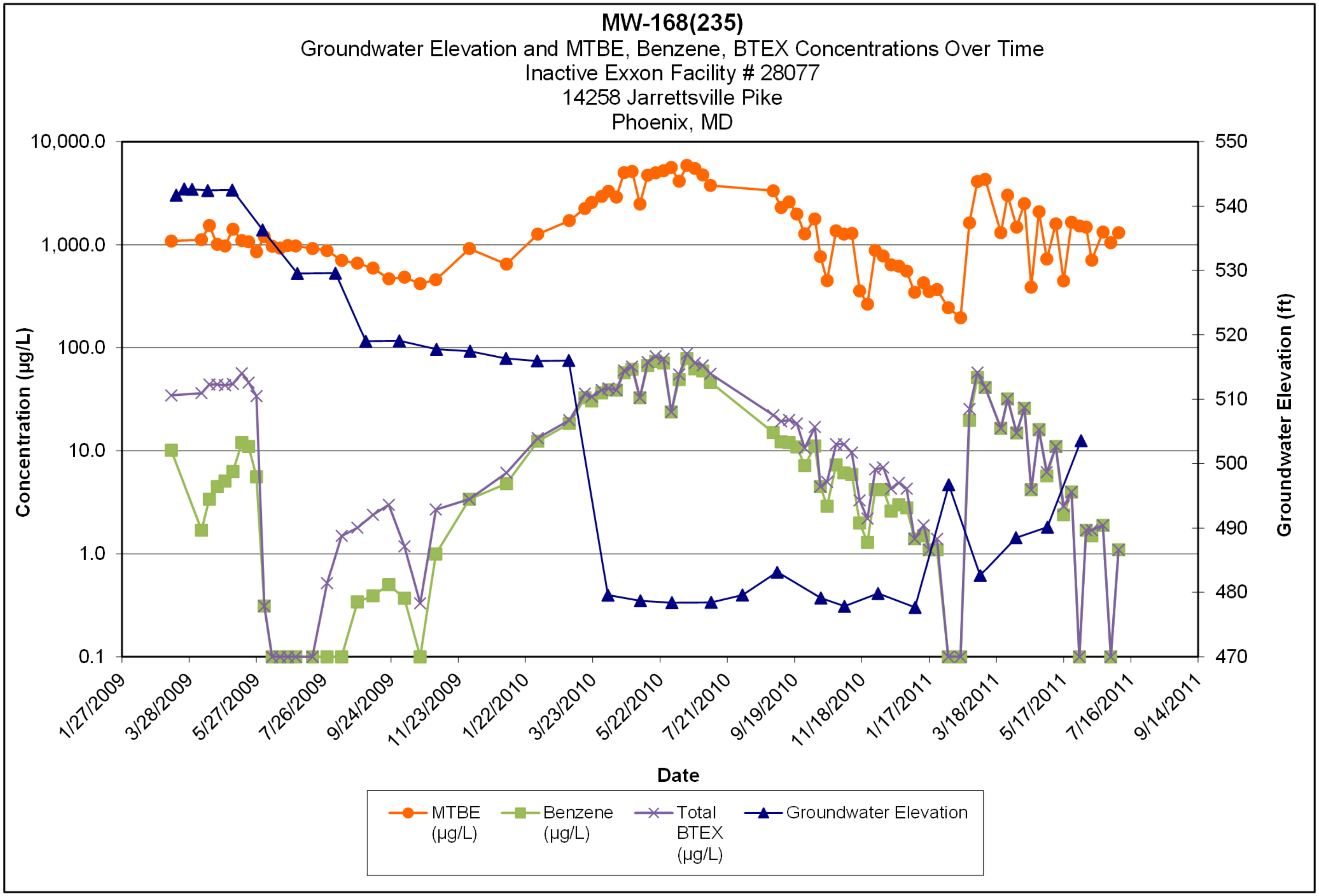


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval sampling via HydraSleeve.

Kleinfelder
1340 Charwood Road
Hanover, MD

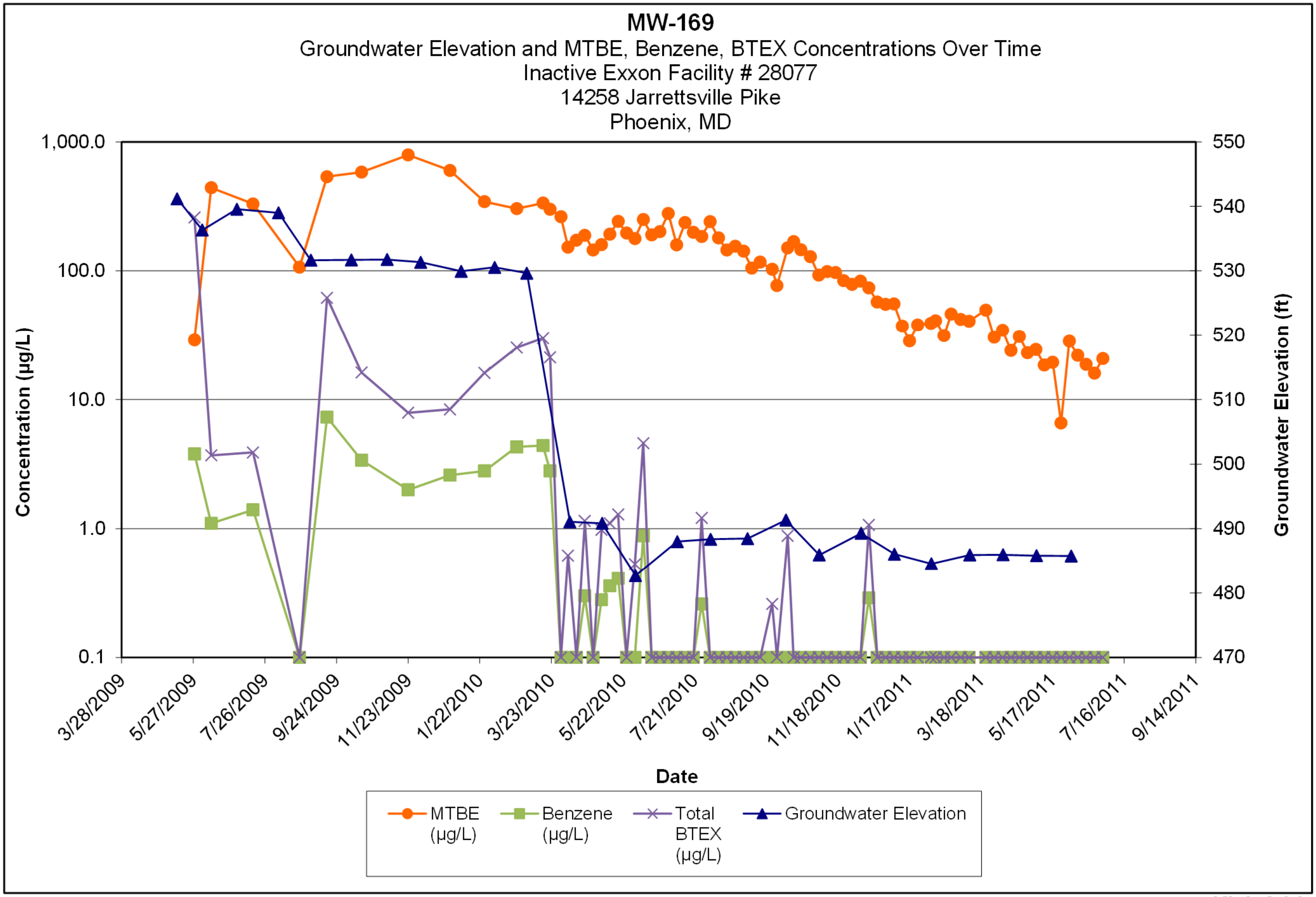


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

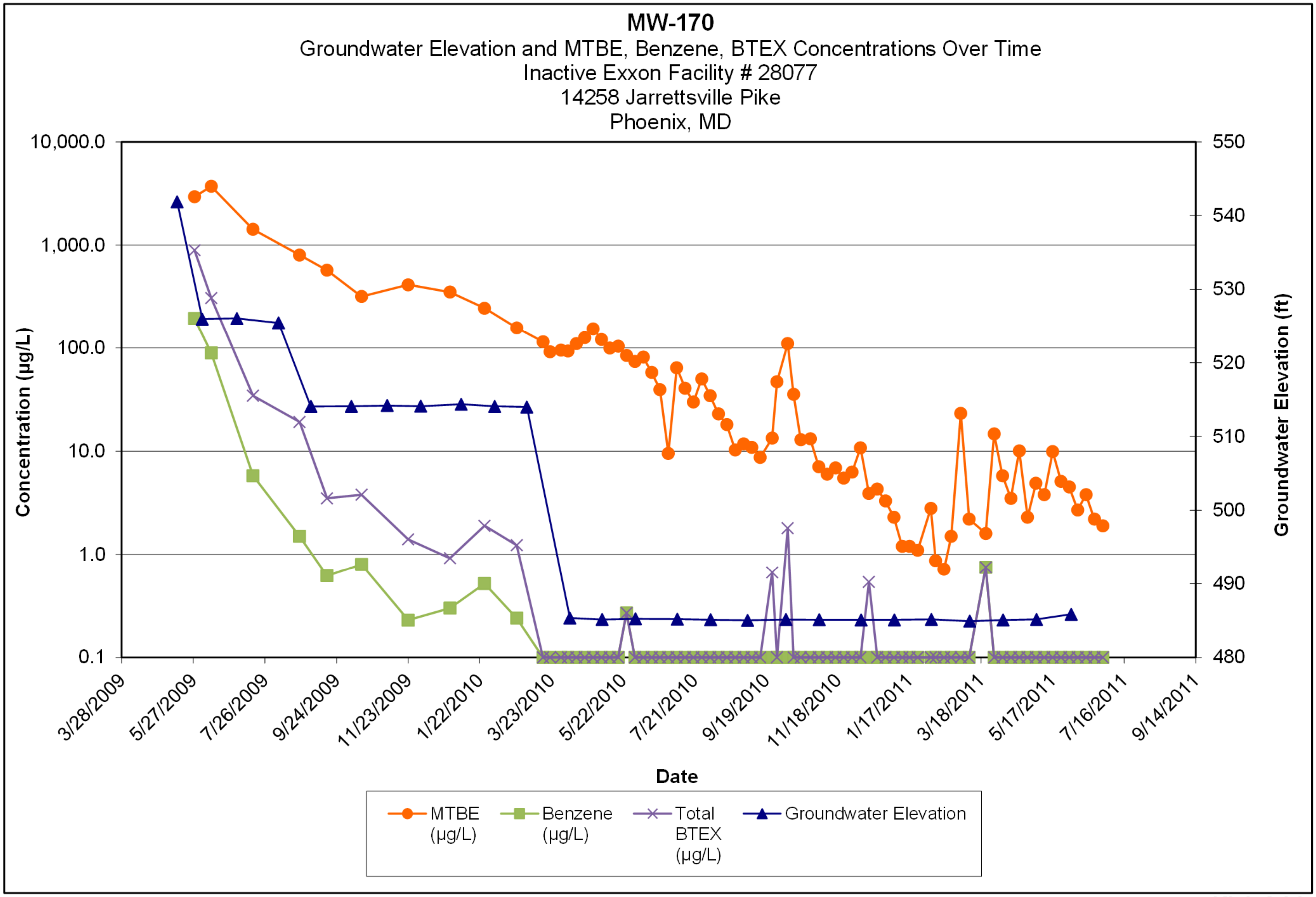
2.) Discrete interval sampling via HydraSleeve.

Kleinfelder
1340 Charwood Road
Hanover, MD



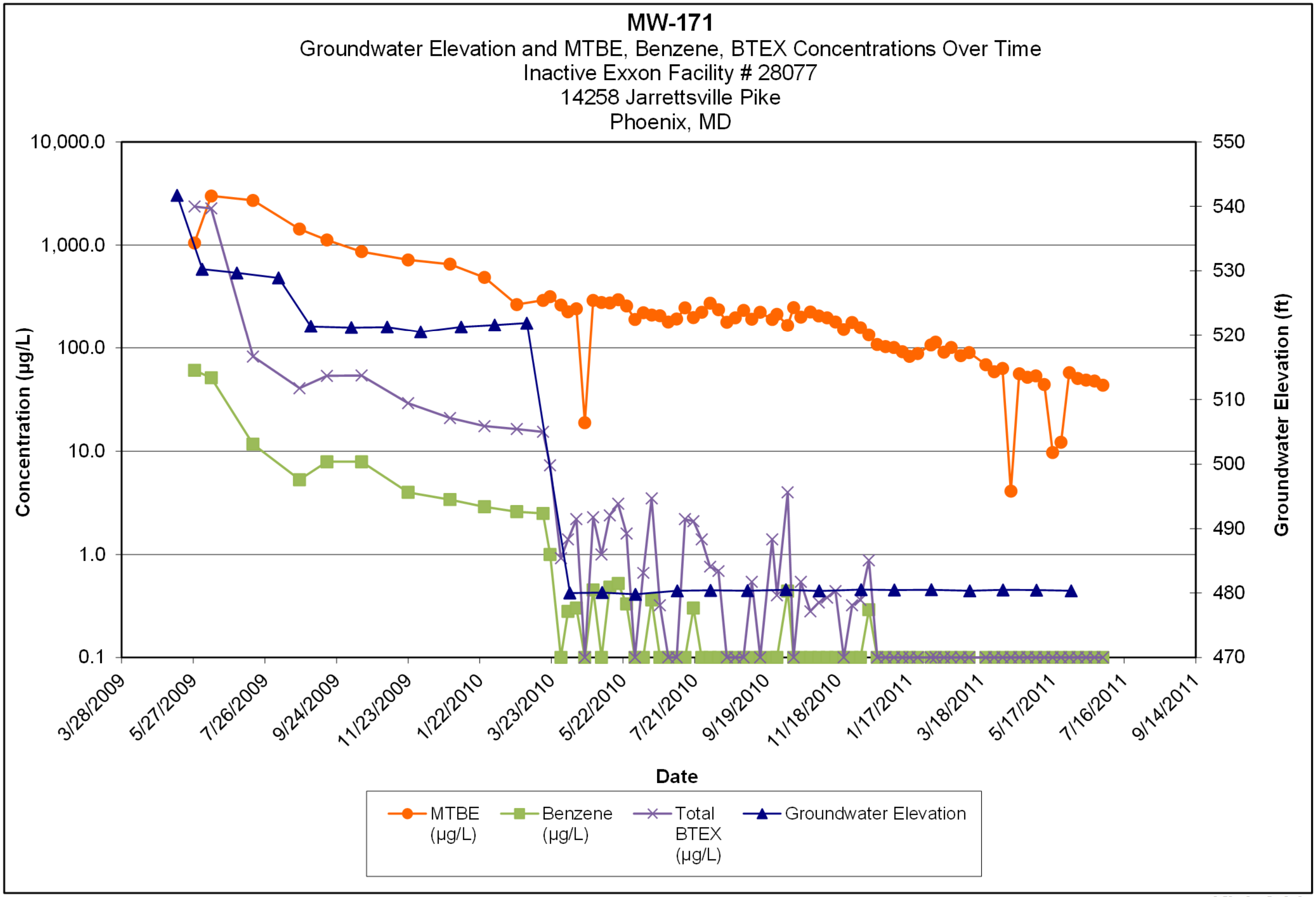
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



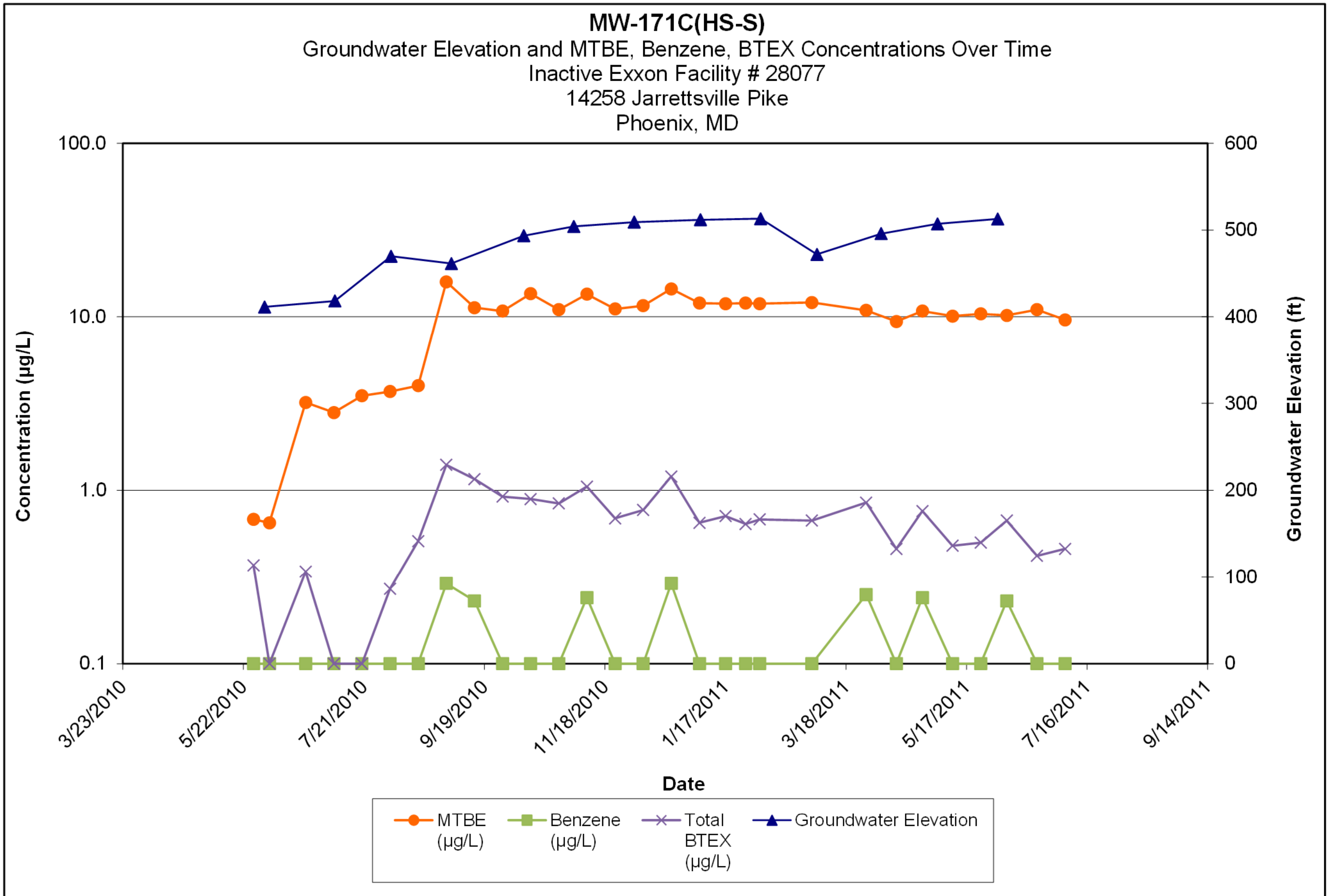
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



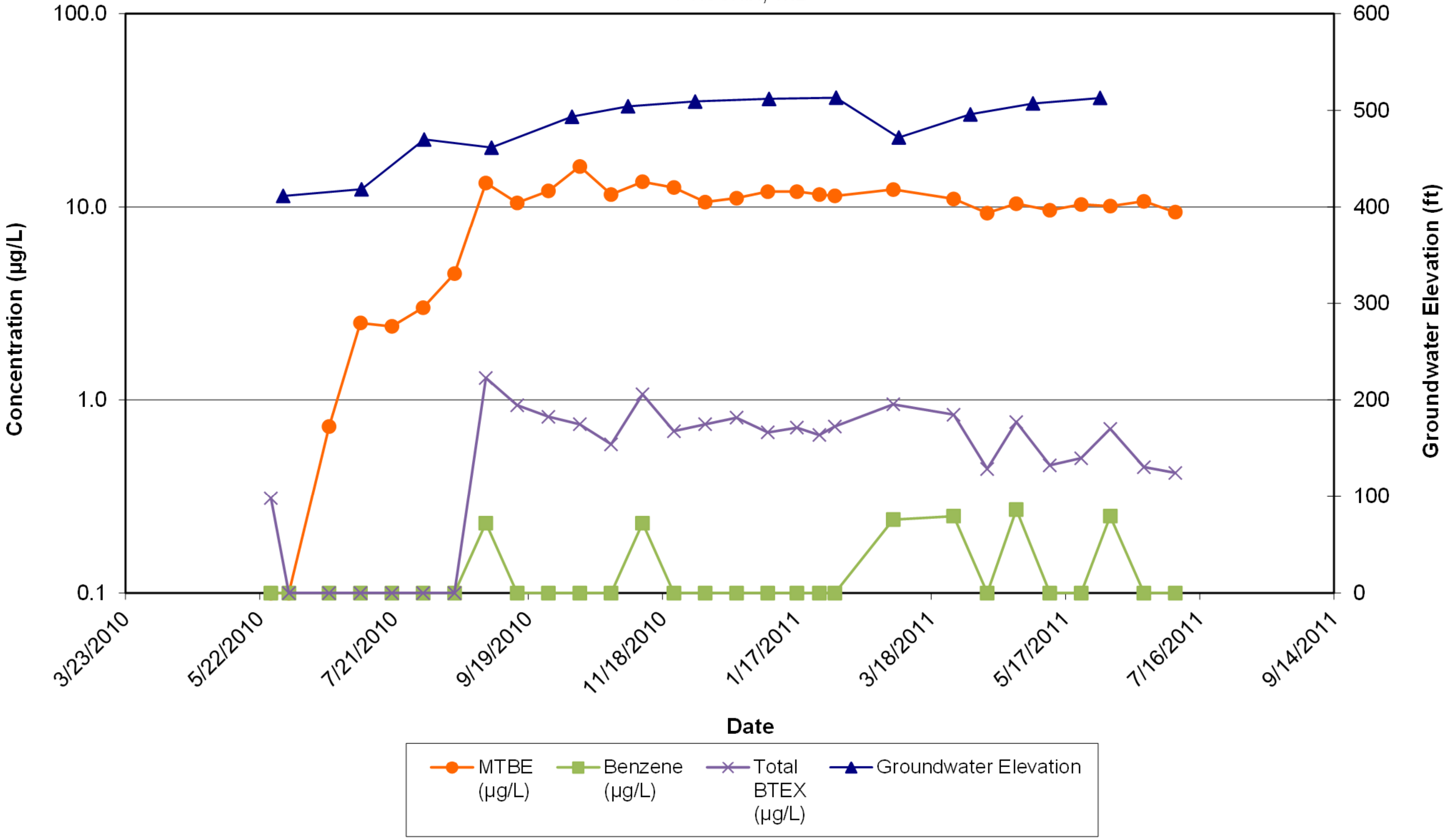
Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-S = Shallow Composite HydraSleeve set at 1/2 of open borehole.

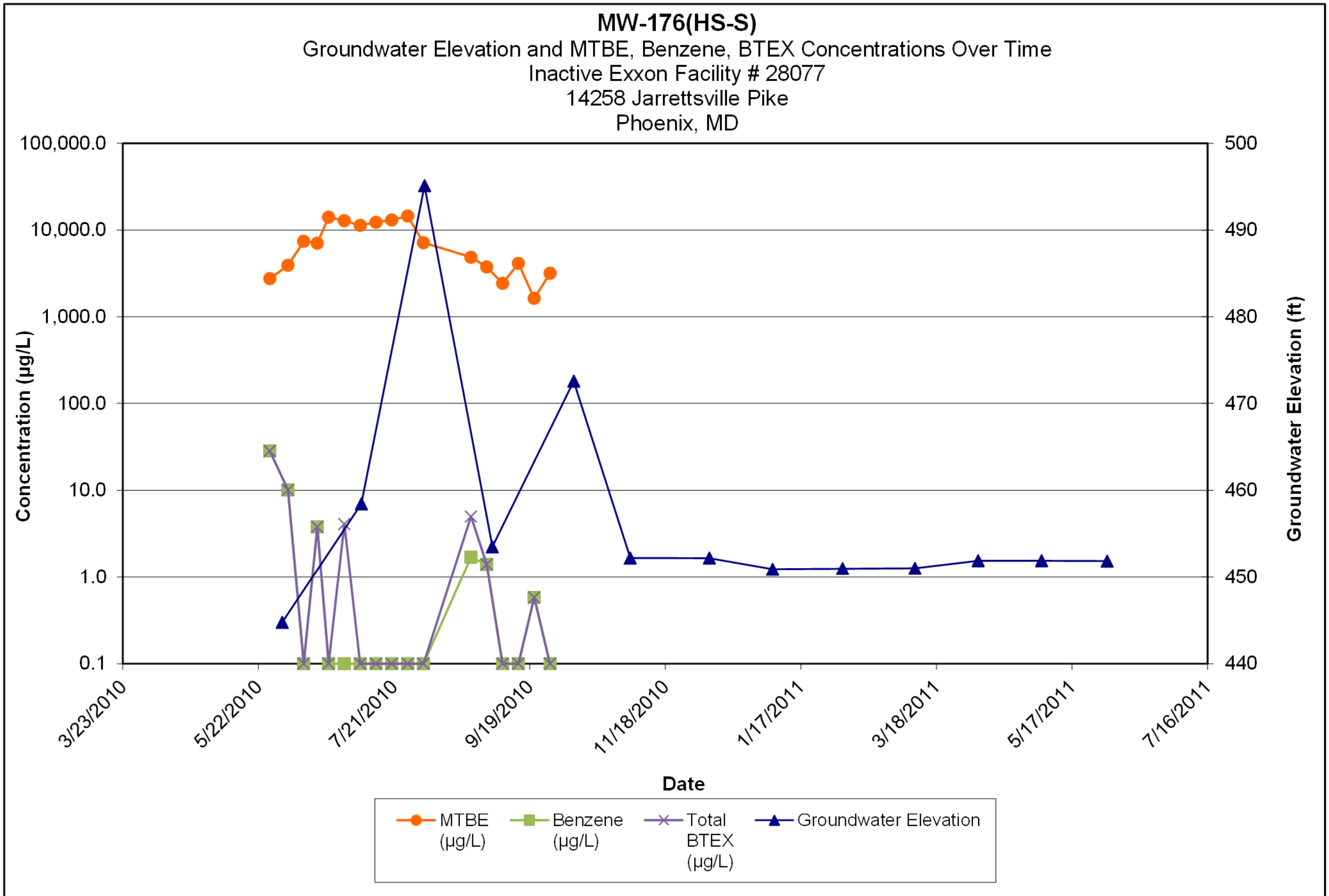
Kleinfelder
1340 Charwood Road
Hanover, MD

MW-171C(HS-D)
Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



Notes:
1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
2.) HS-D = Deep Composite HydraSleeve set at bottom of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD



Notes:

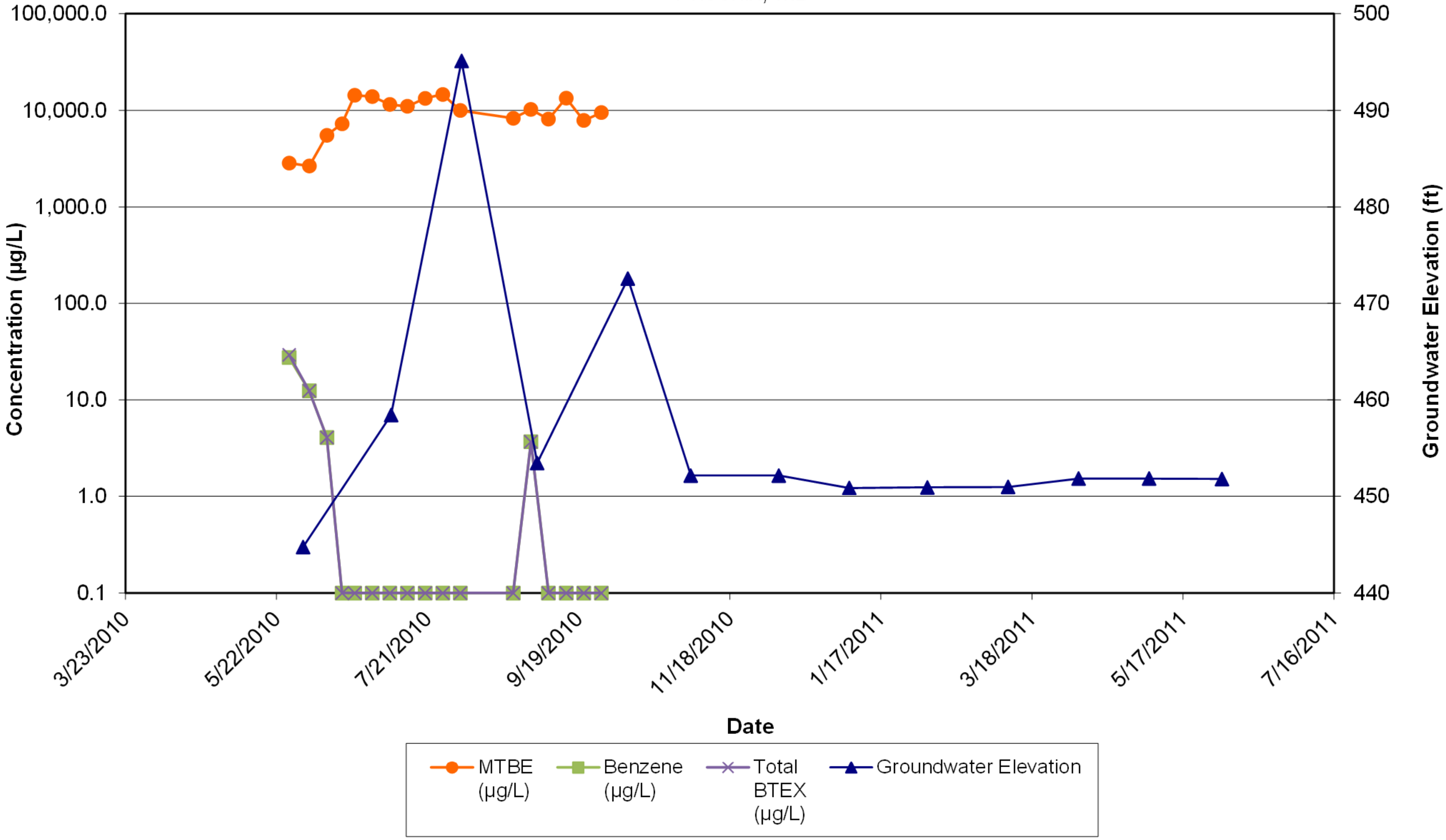
1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-S = Shallow Composite HydraSleeve set at 1/2 of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD

MW-176(HS-D)

Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD

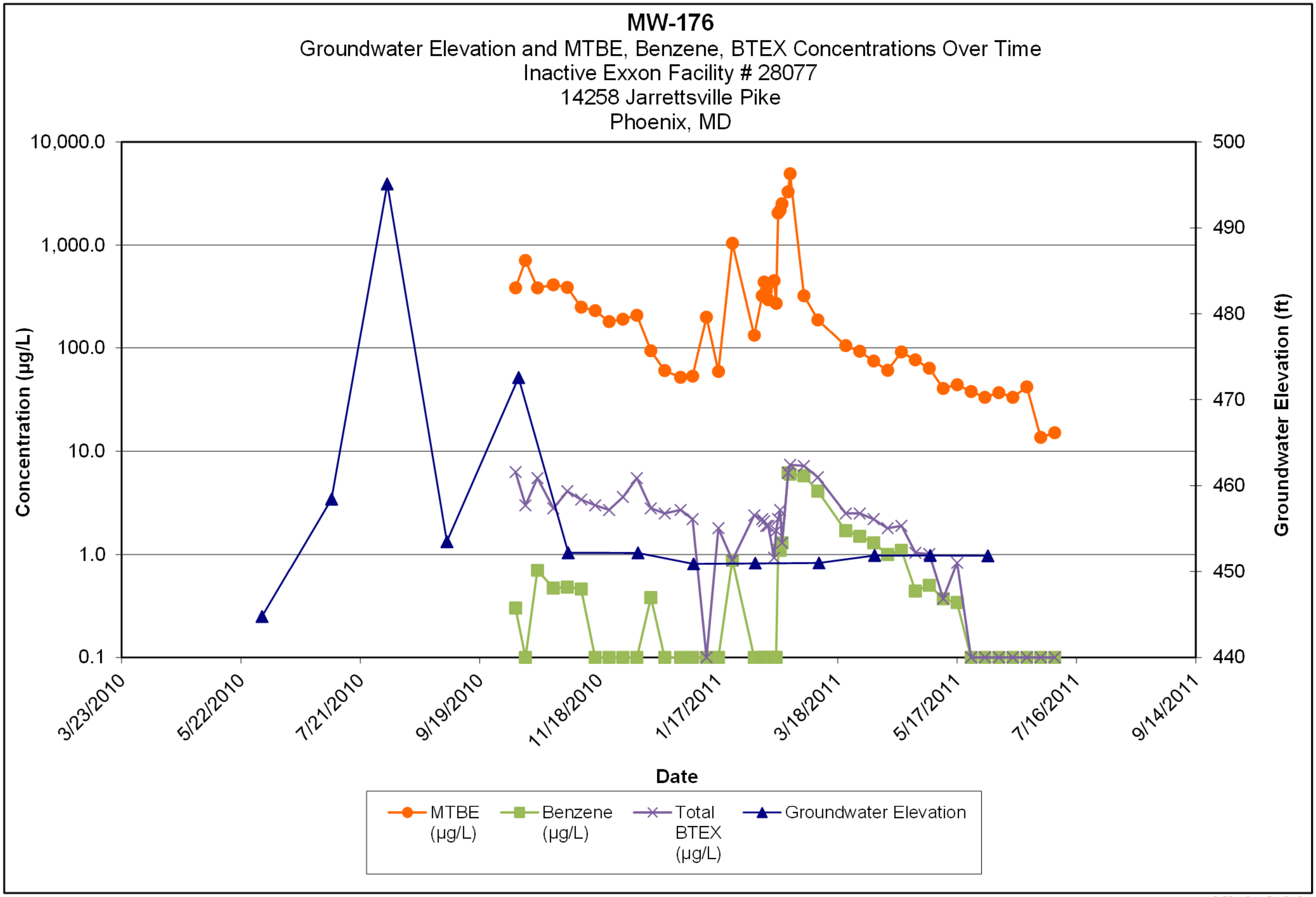


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

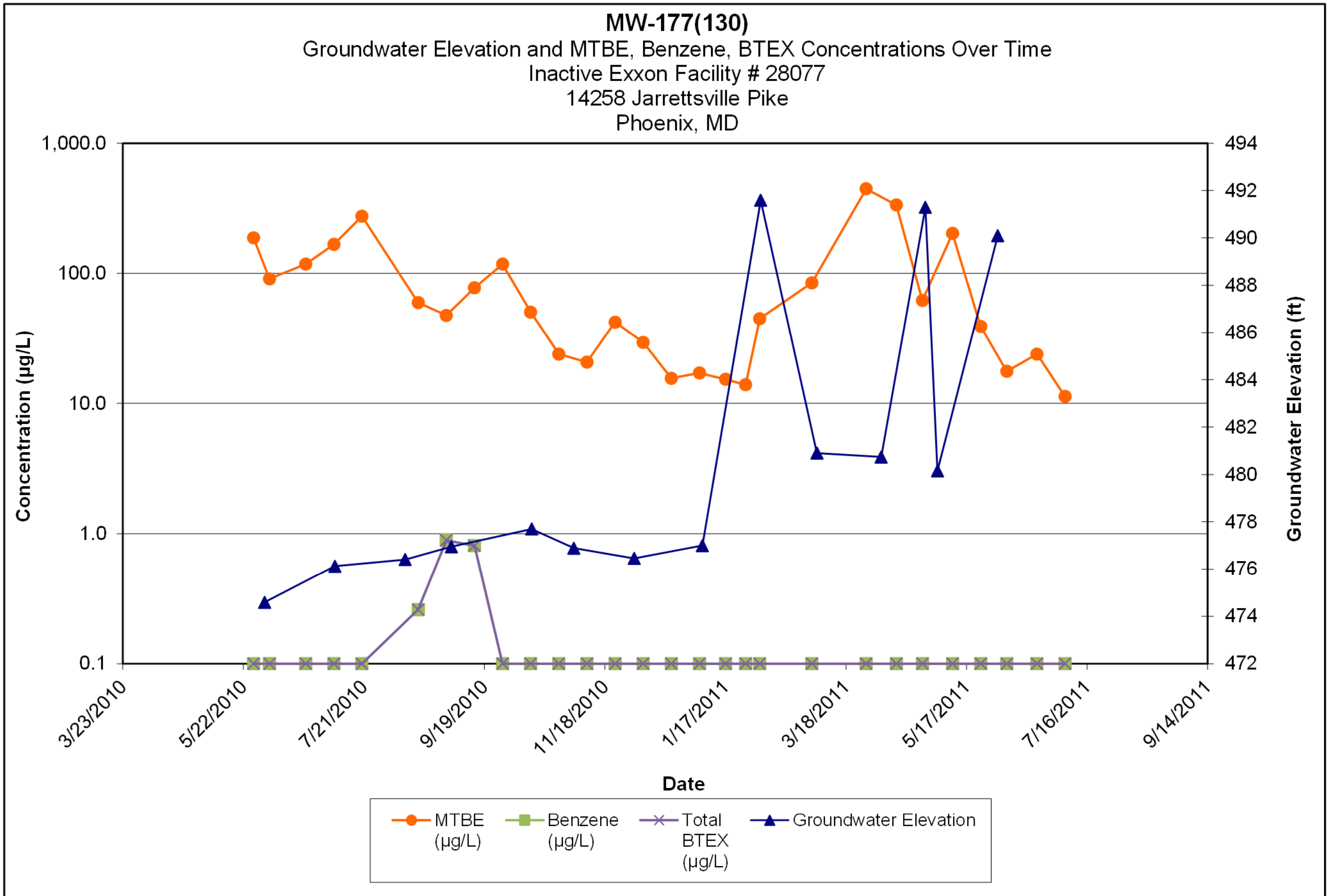
2.) HS-D = Deep Composite HydraSleeve set at bottom of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

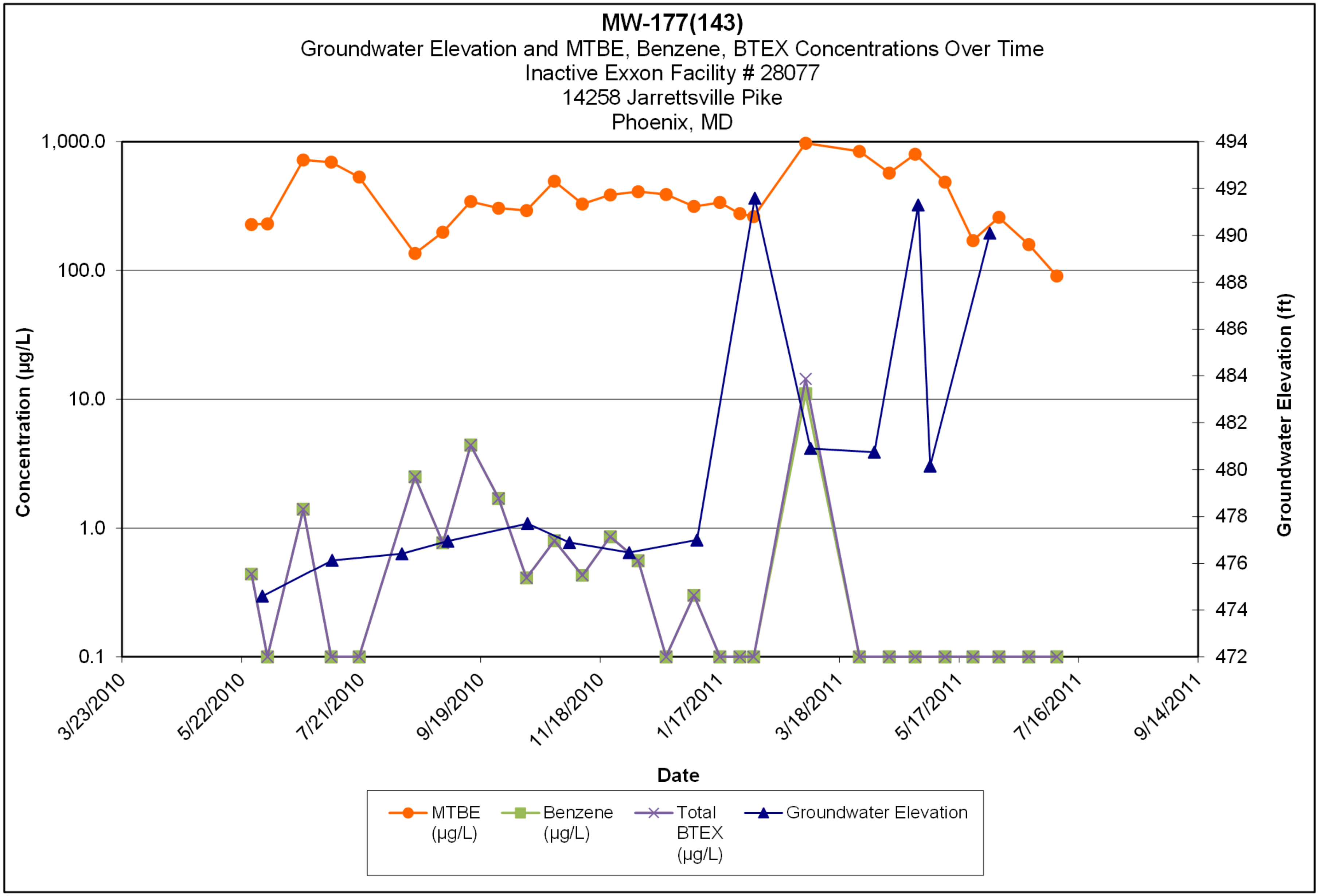


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval sampling via HydraSleeve.

Kleinfelder
1340 Charwood Road
Hanover, MD

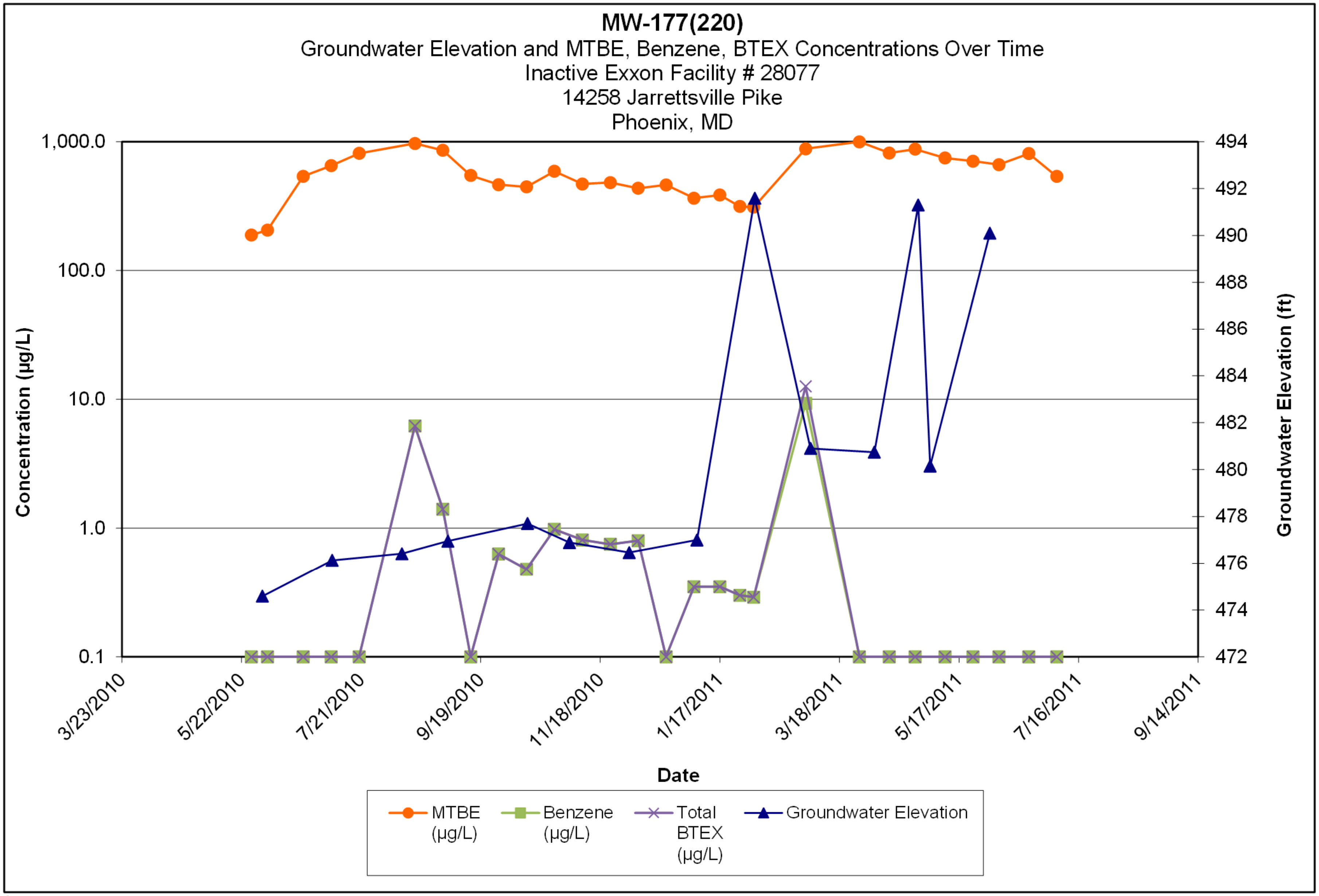


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval sampling via HydraSleeve.

Kleinfelder
1340 Charwood Road
Hanover, MD

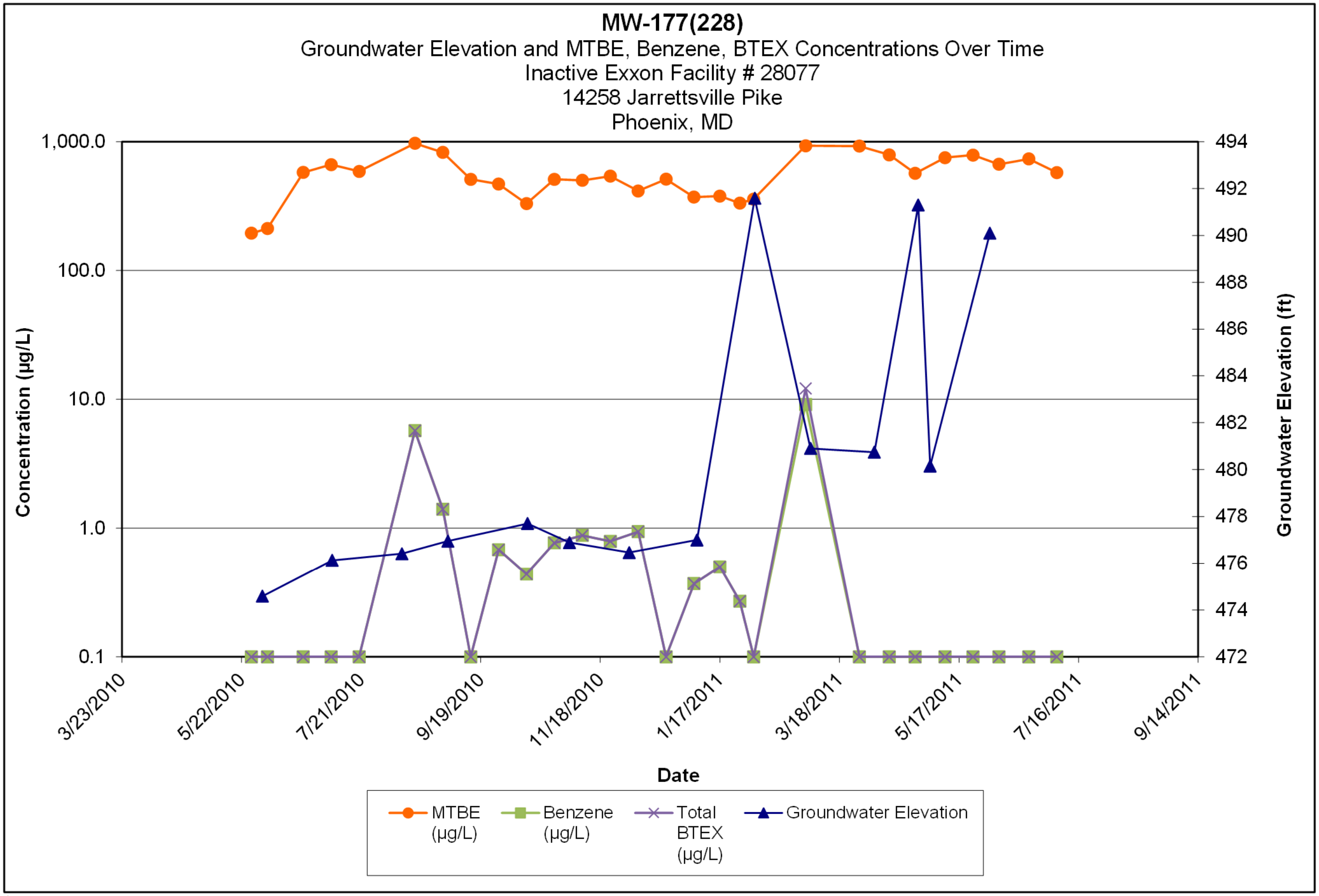


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval sampling via HydraSleeve.

Kleinfelder
1340 Charwood Road
Hanover, MD

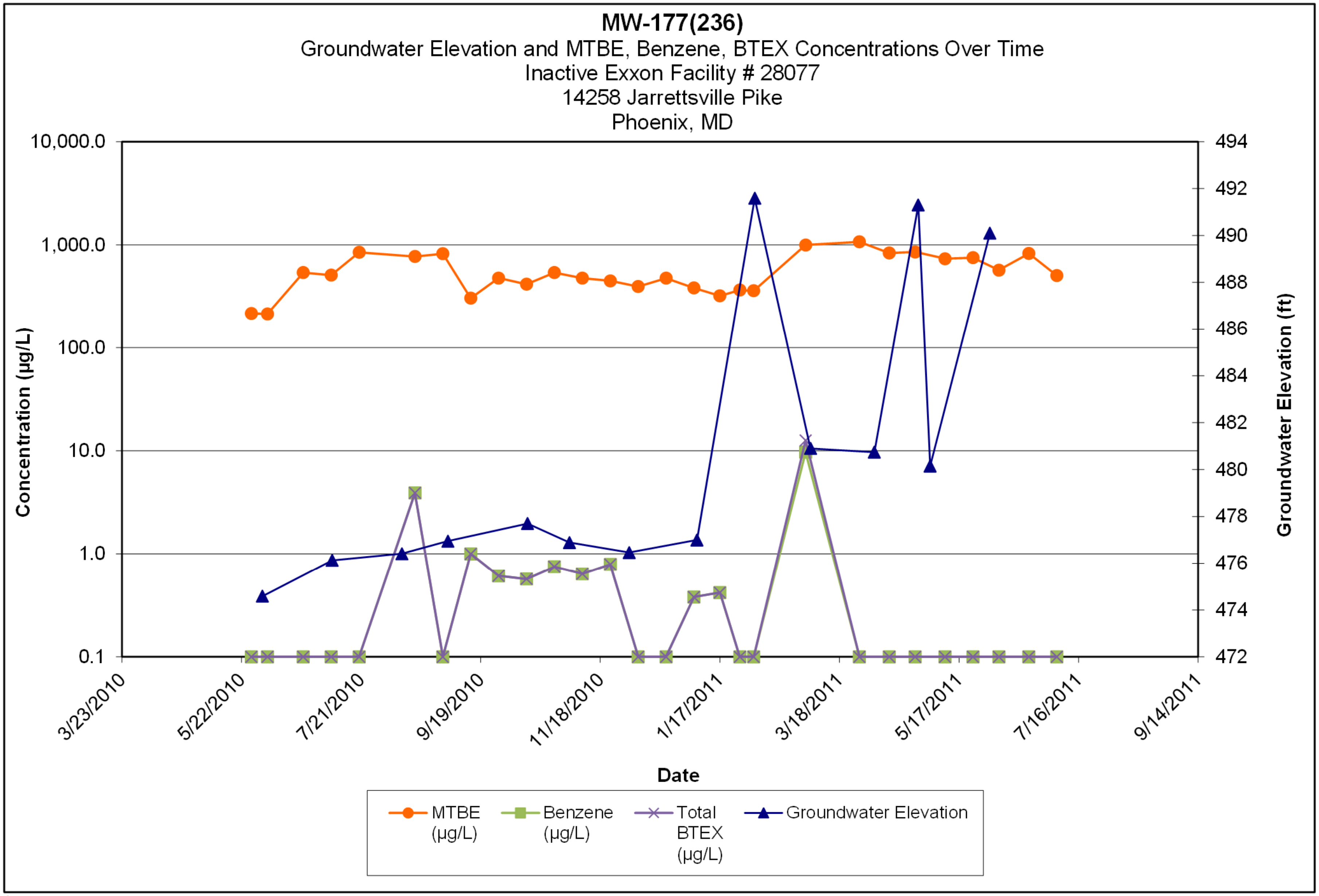


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval sampling via HydraSleeve.

Kleinfelder
1340 Charwood Road
Hanover, MD

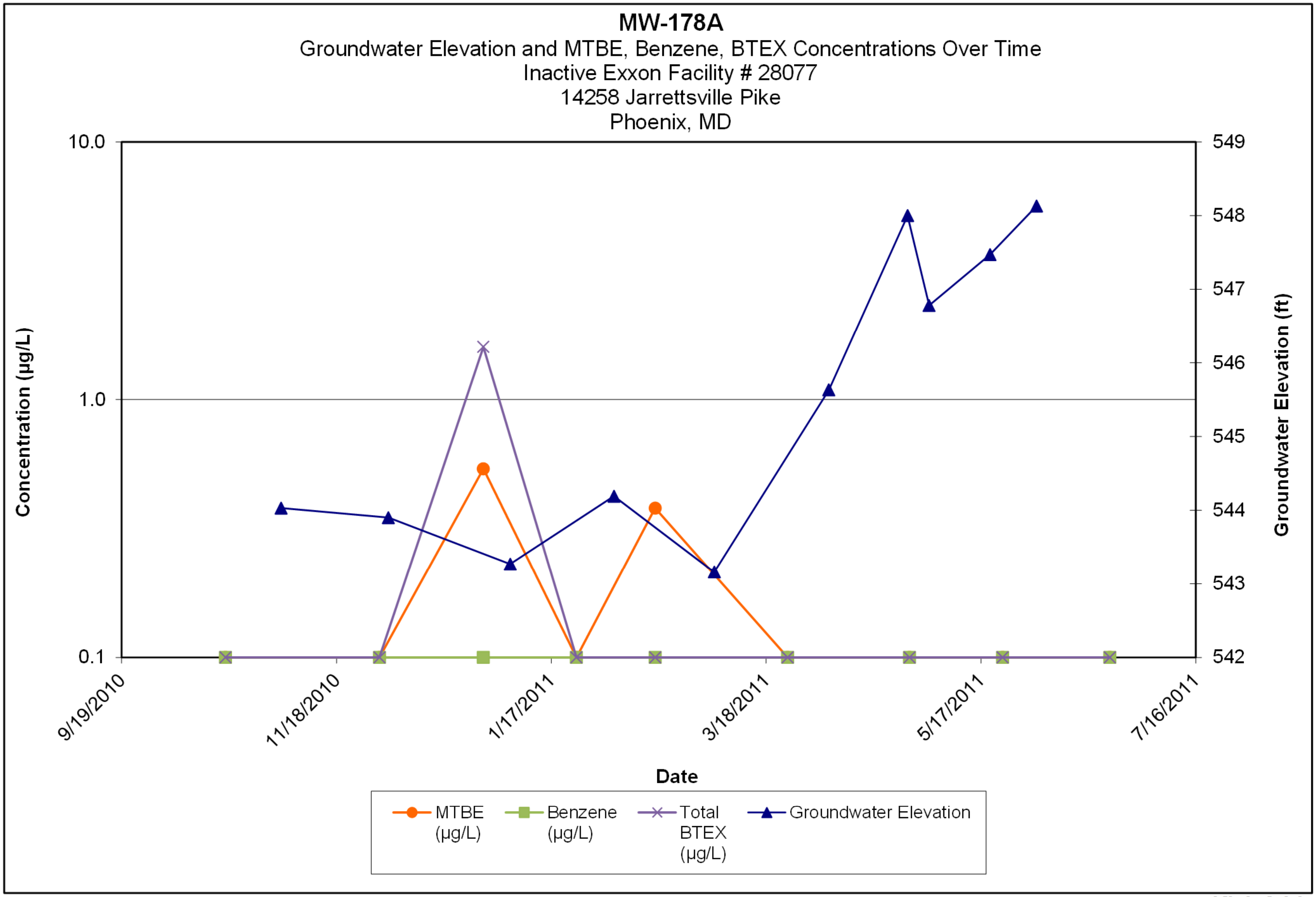


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

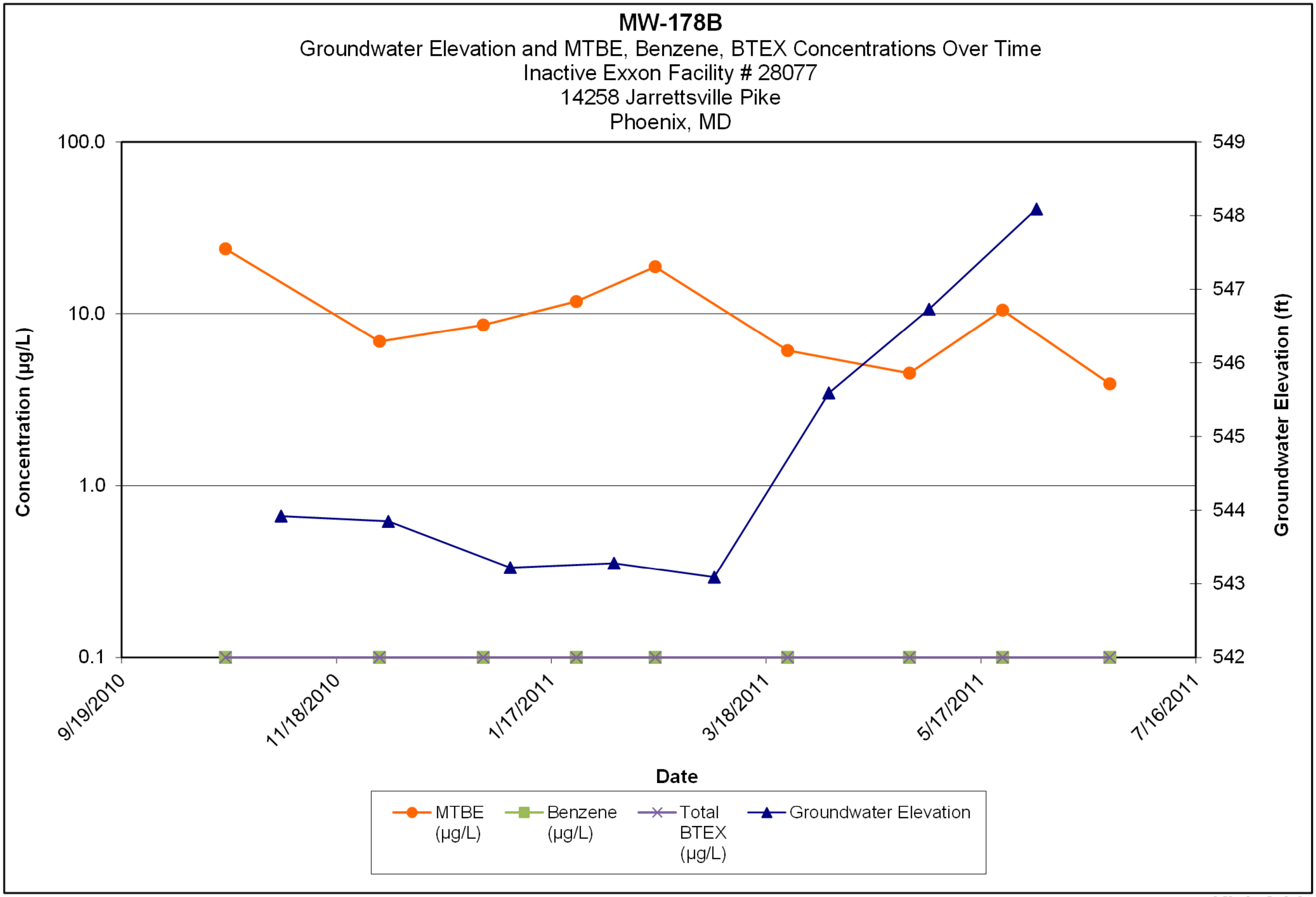
2.) Discrete interval sampling via HydraSleeve.

Kleinfelder
1340 Charwood Road
Hanover, MD



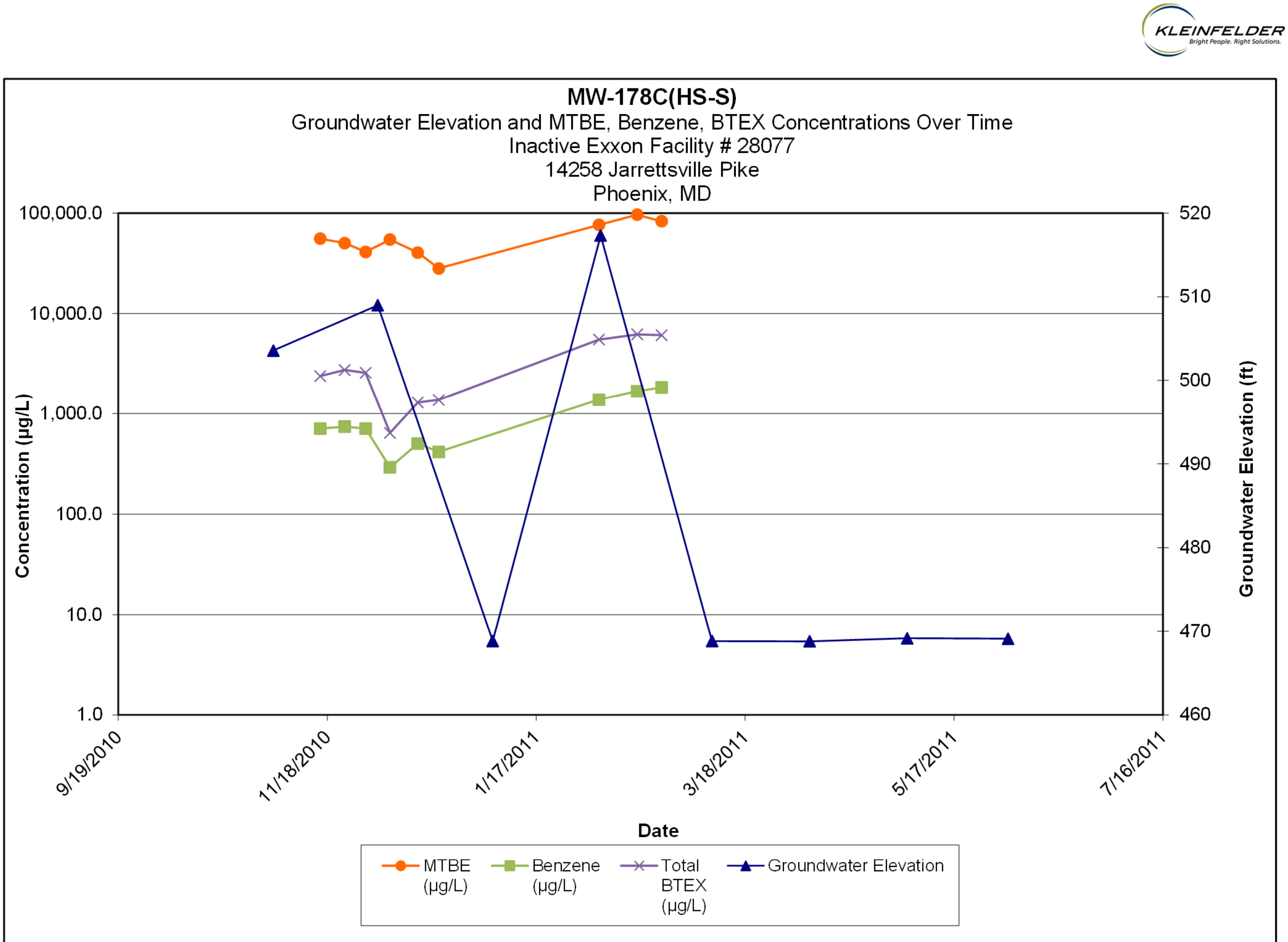
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

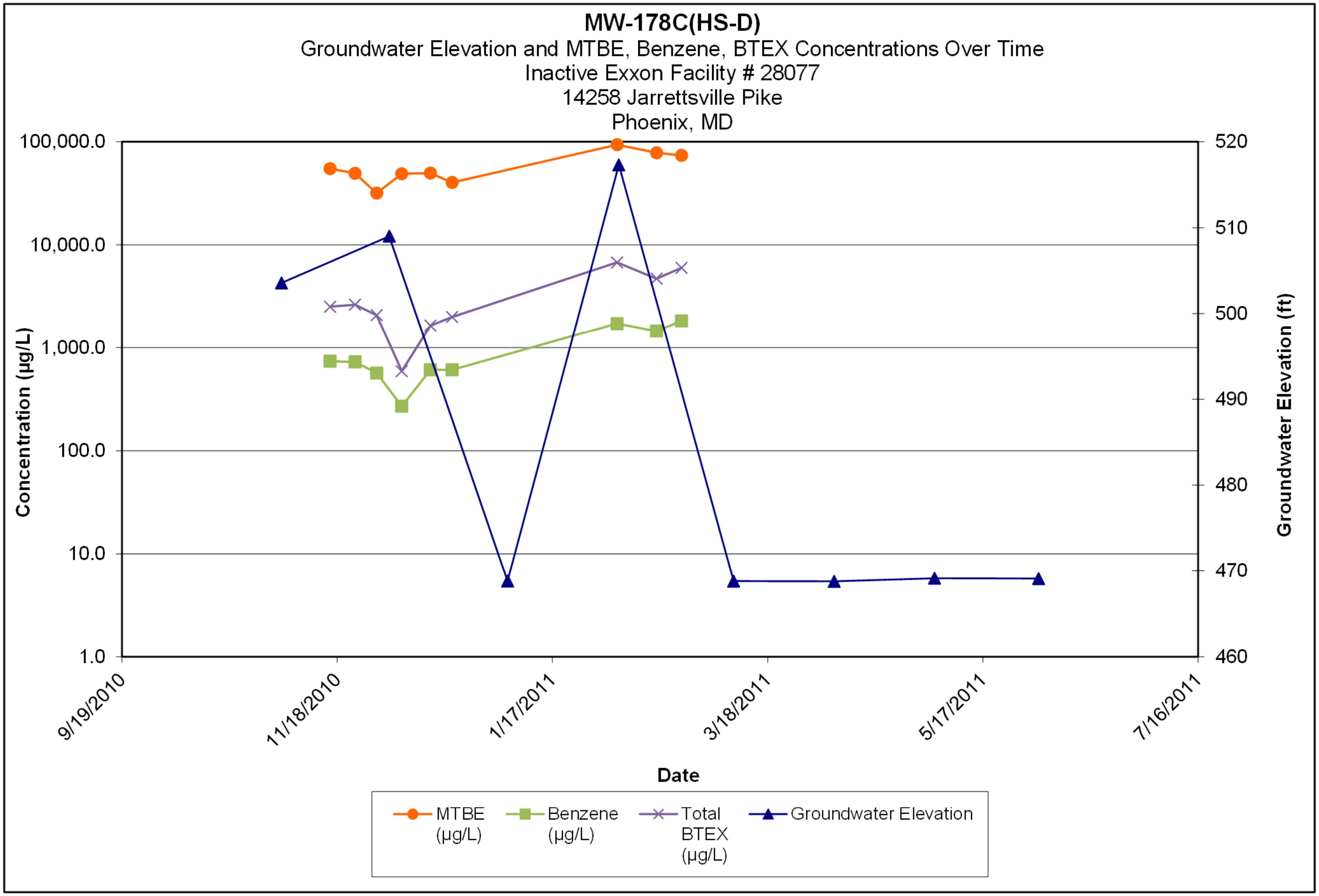


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-S = Shallow Composite HydraSleeve set at 1/2 of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD

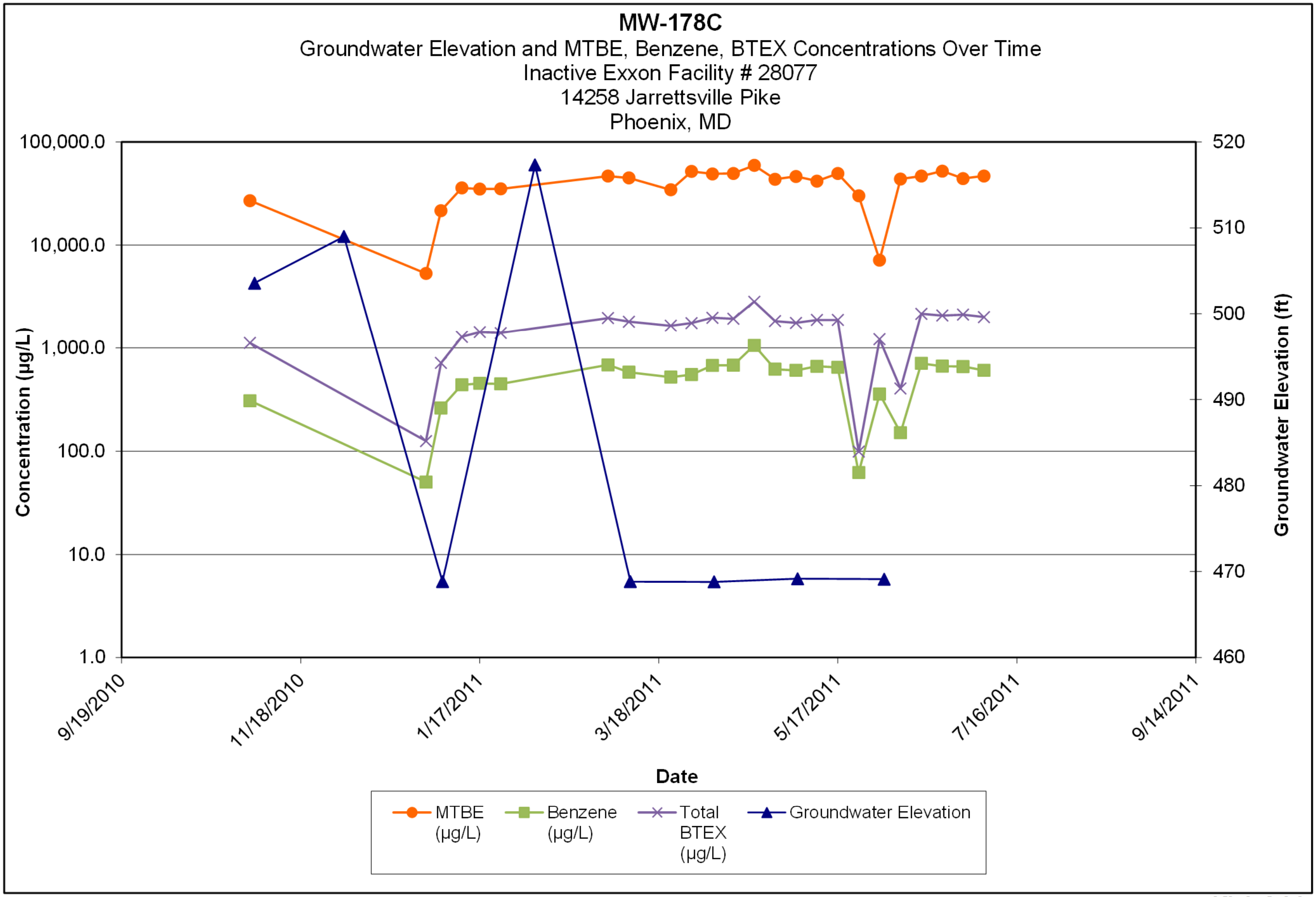


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

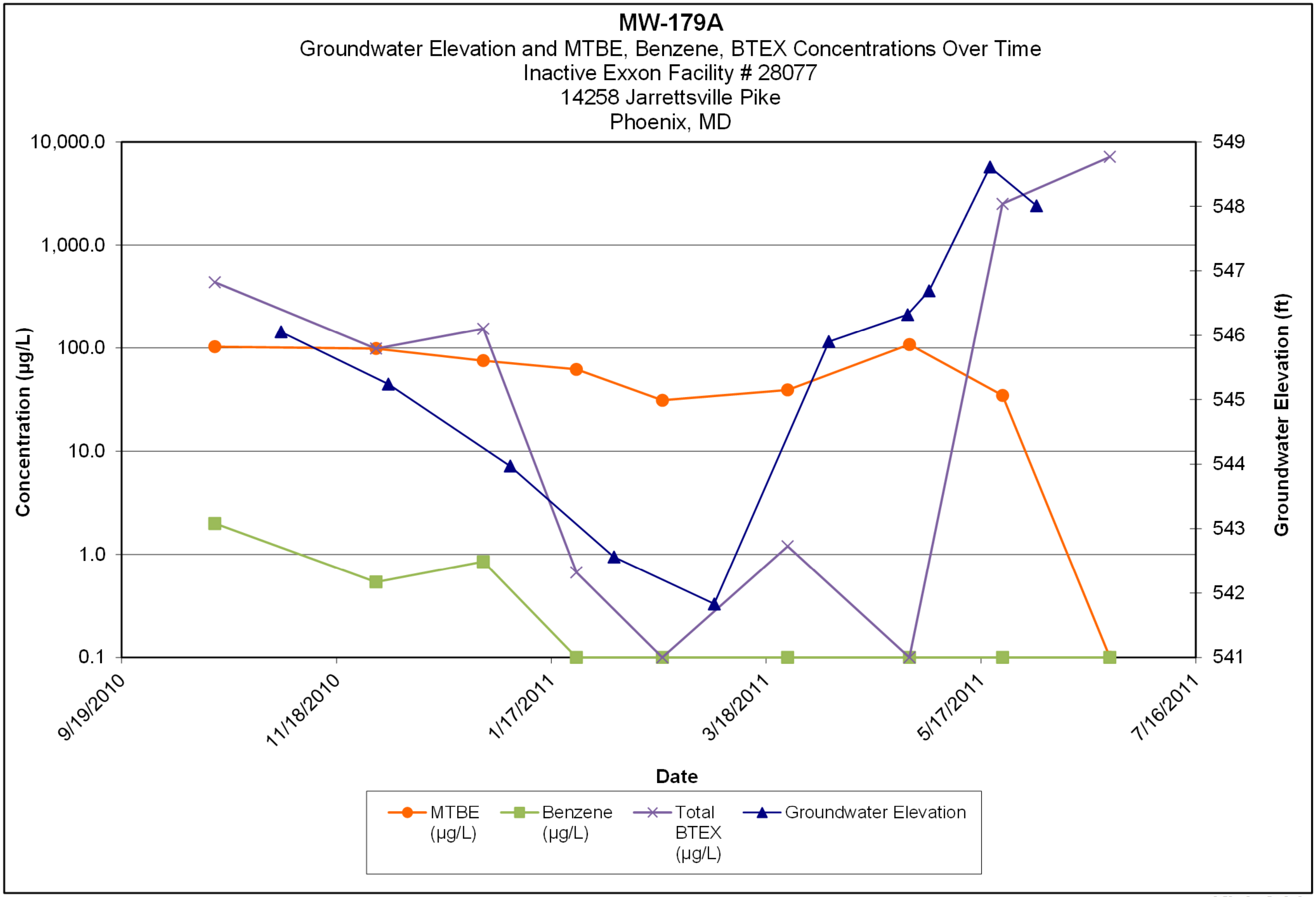
2.) HS-D = Deep Composite HydraSleeve set at bottom of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD



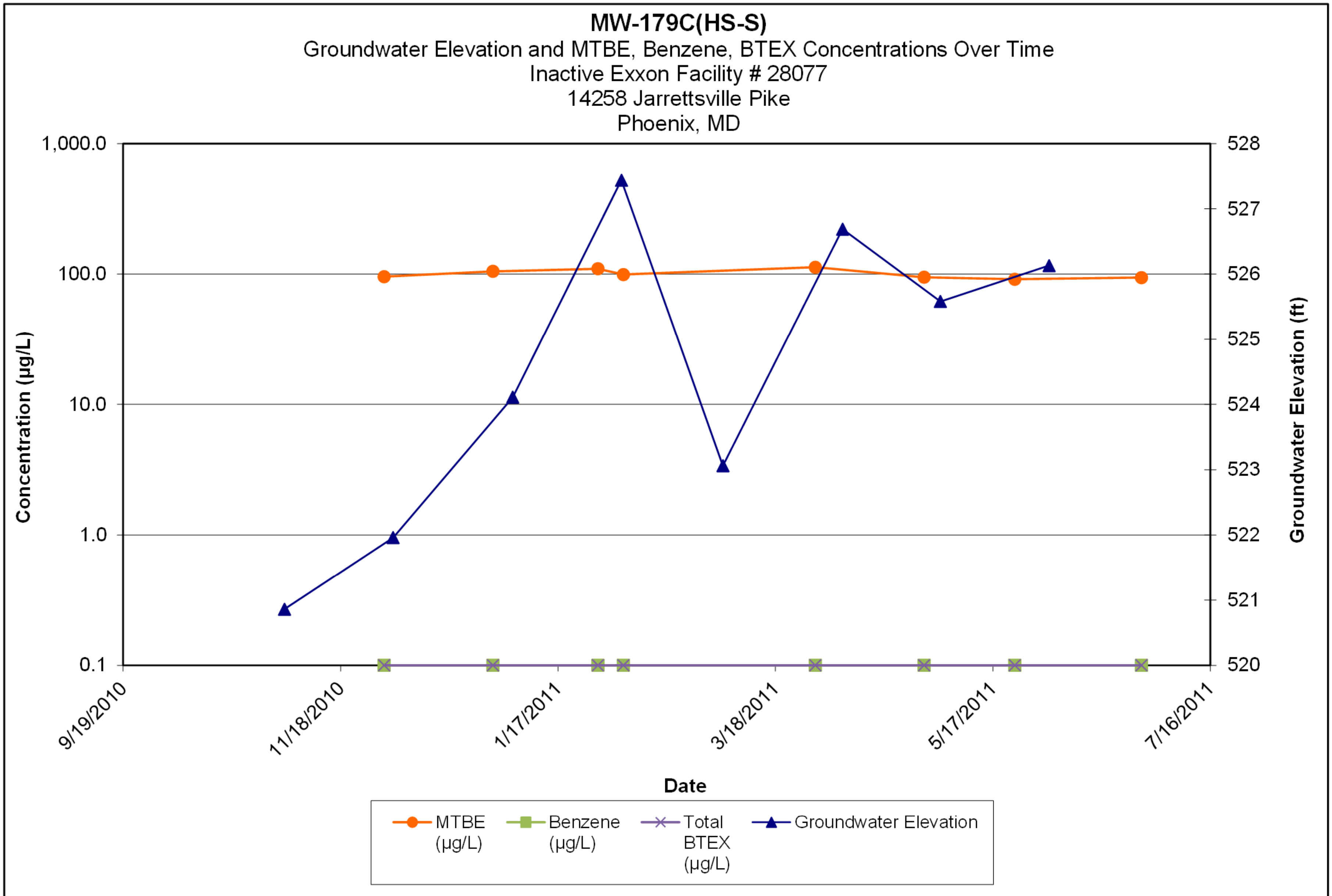
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

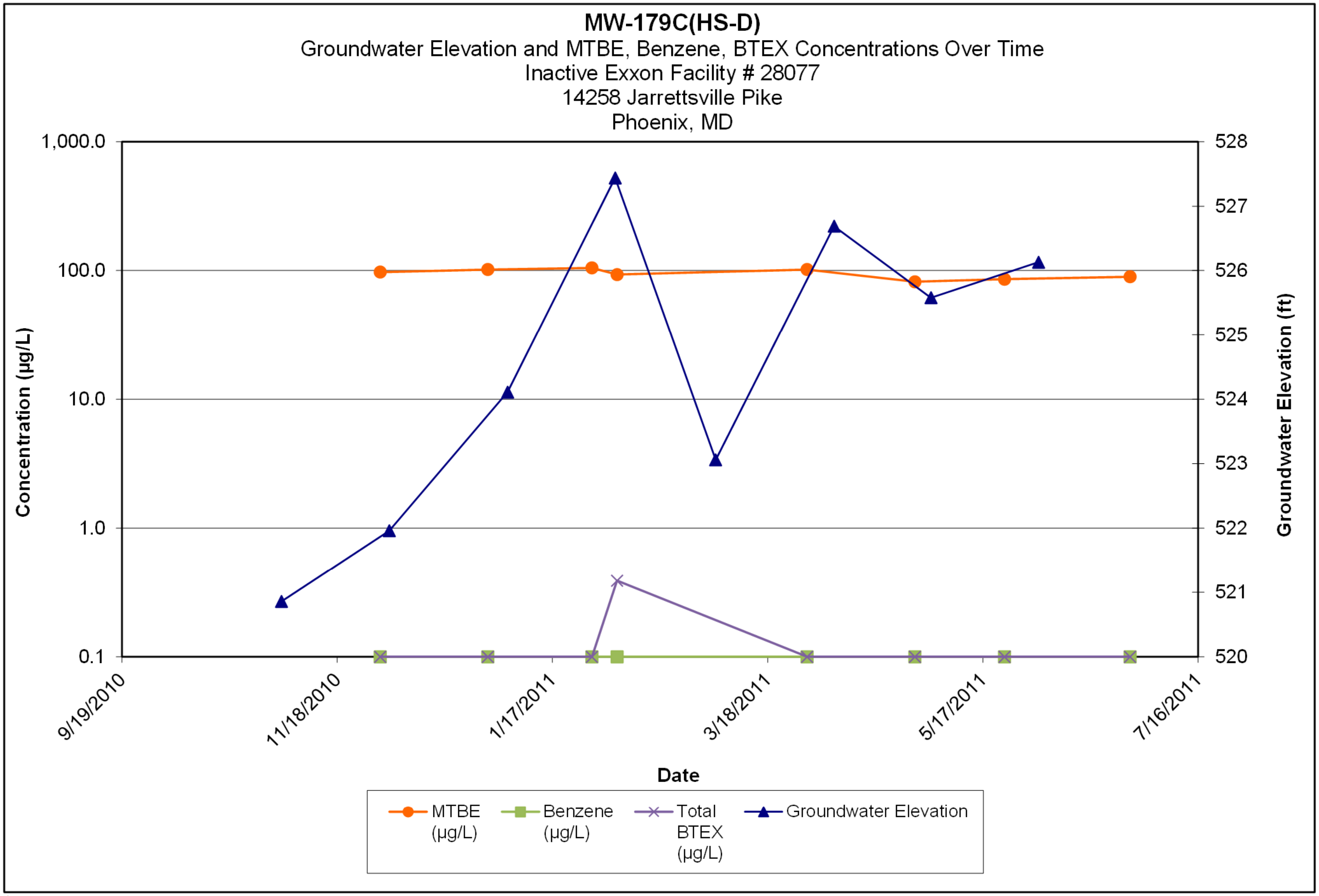


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-S = Shallow Composite HydraSleeve set at 1/2 of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD

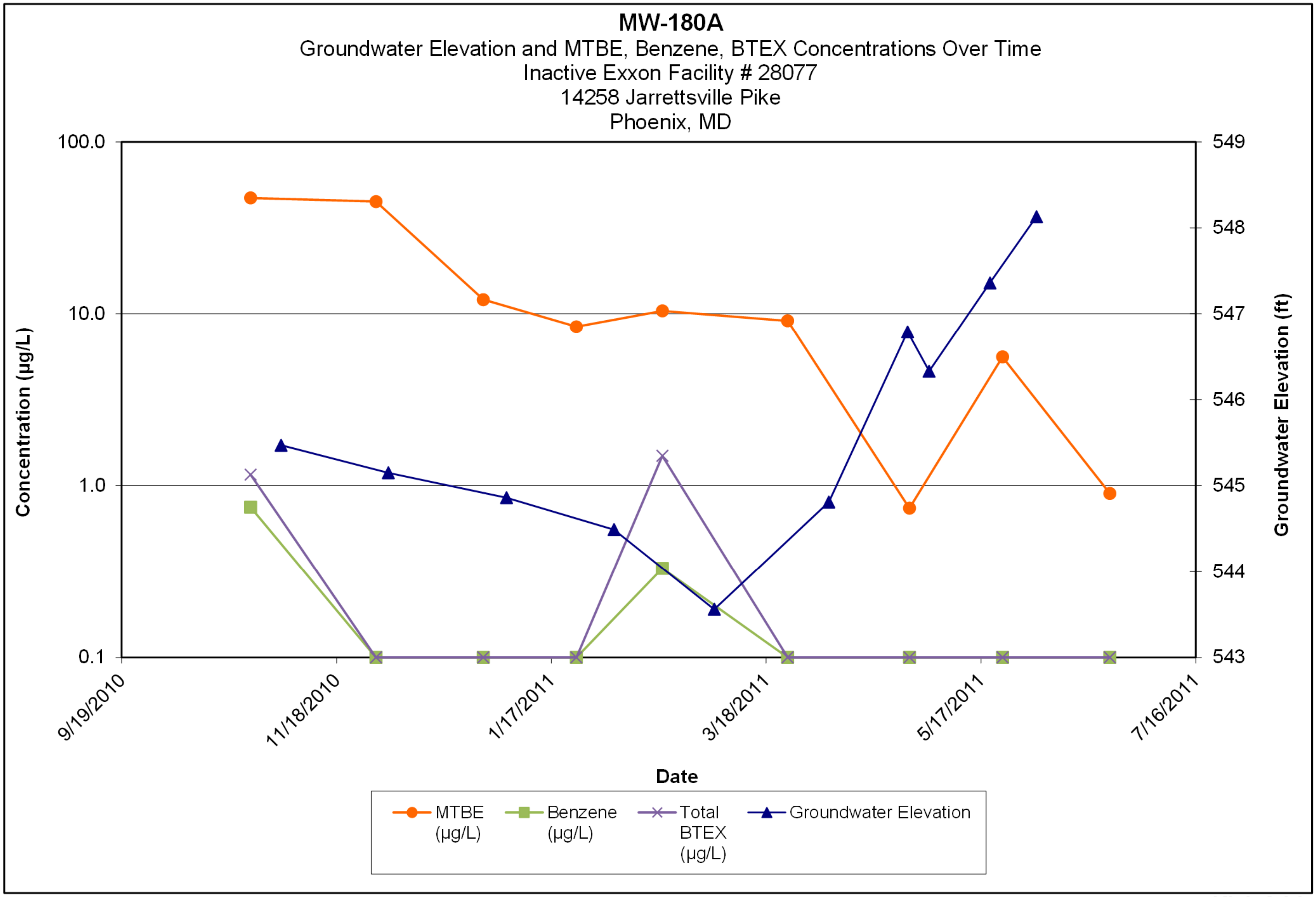


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

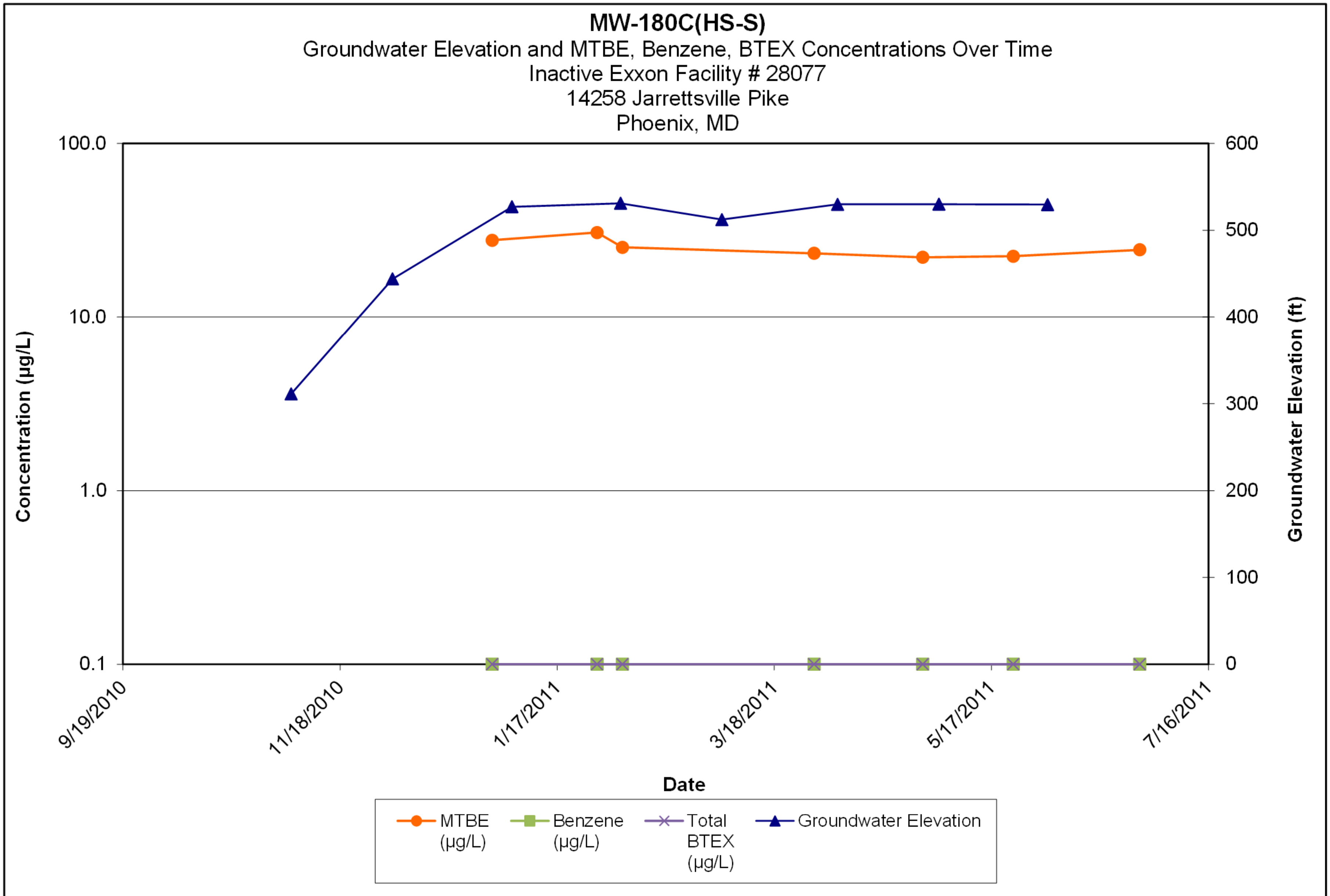
2.) HS-D = Deep Composite HydraSleeve set at bottom of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



Notes:

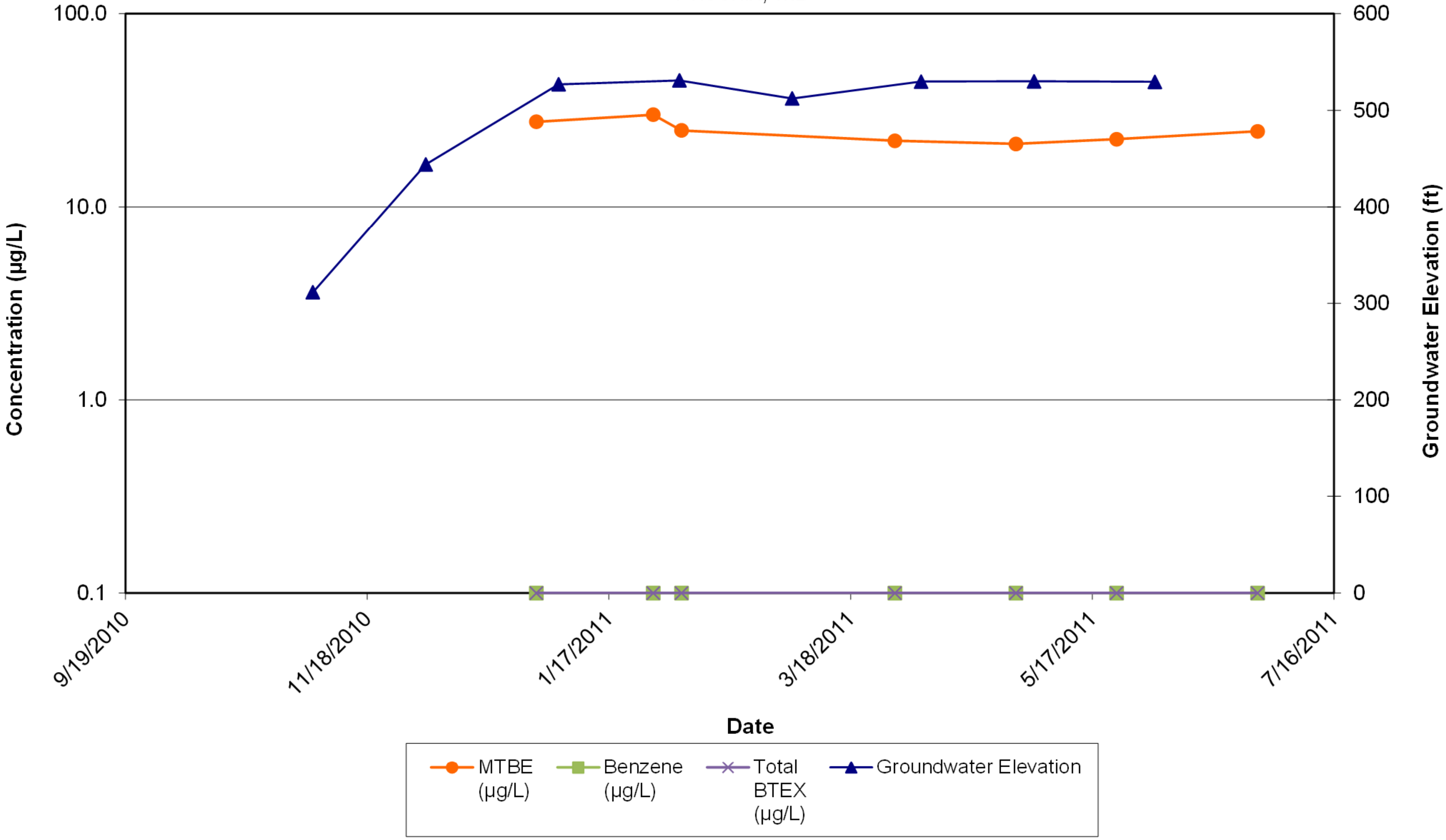
1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-S = Shallow Composite HydraSleeve set at 1/2 of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD

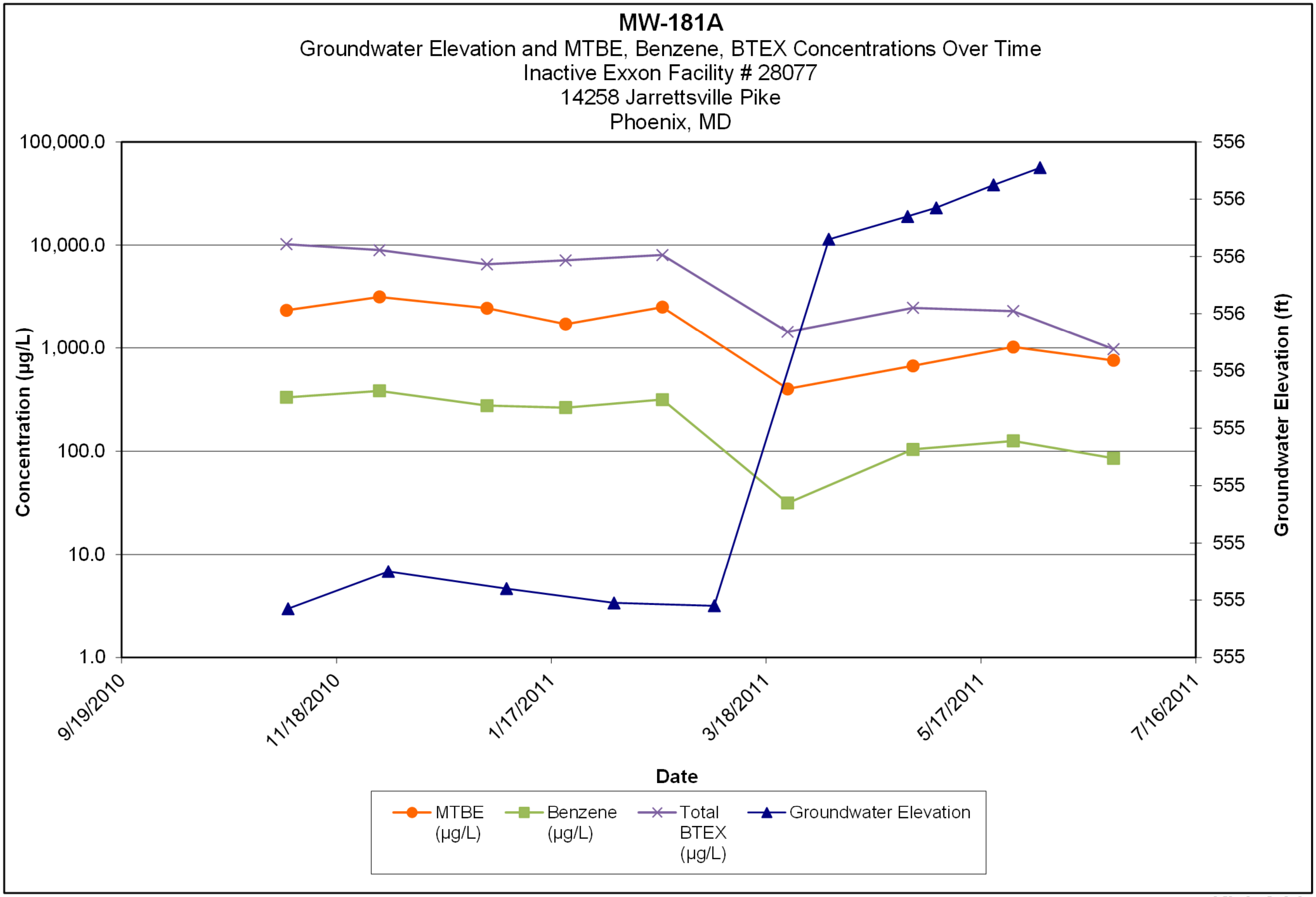
MW-180C(HS-D)

Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



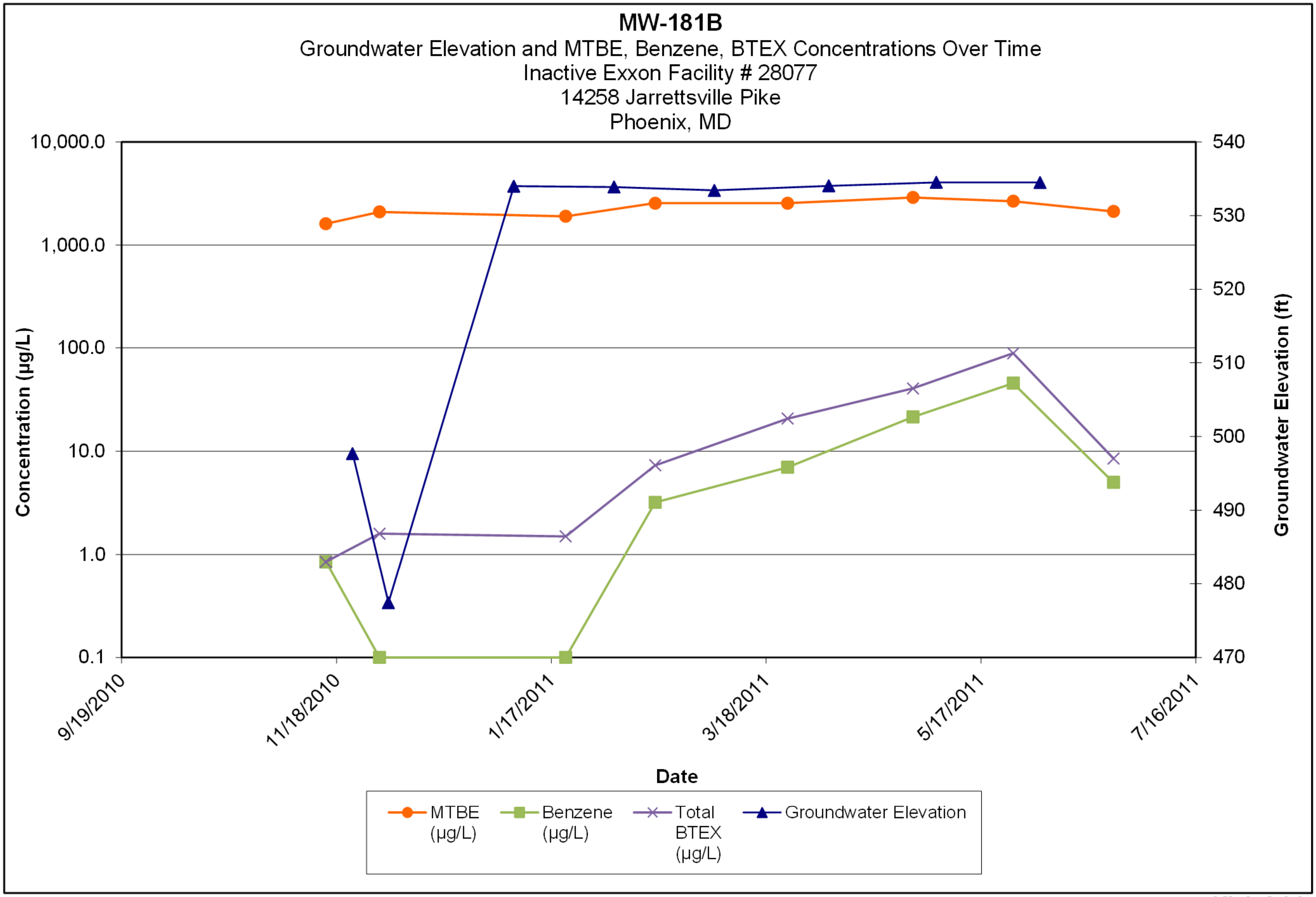
Notes:
1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
2.) HS-D = Deep Composite HydraSleeve set at bottom of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD



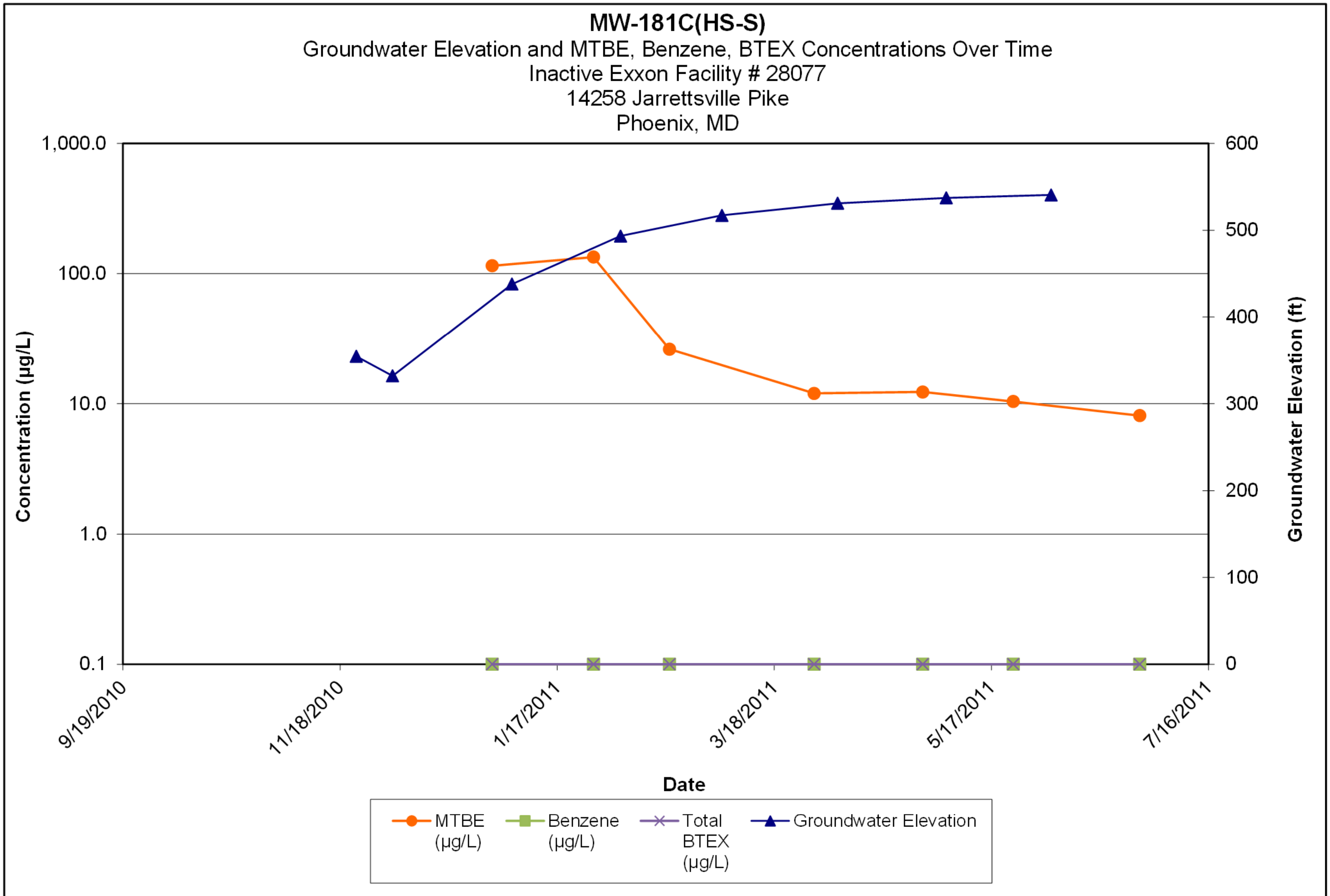
Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

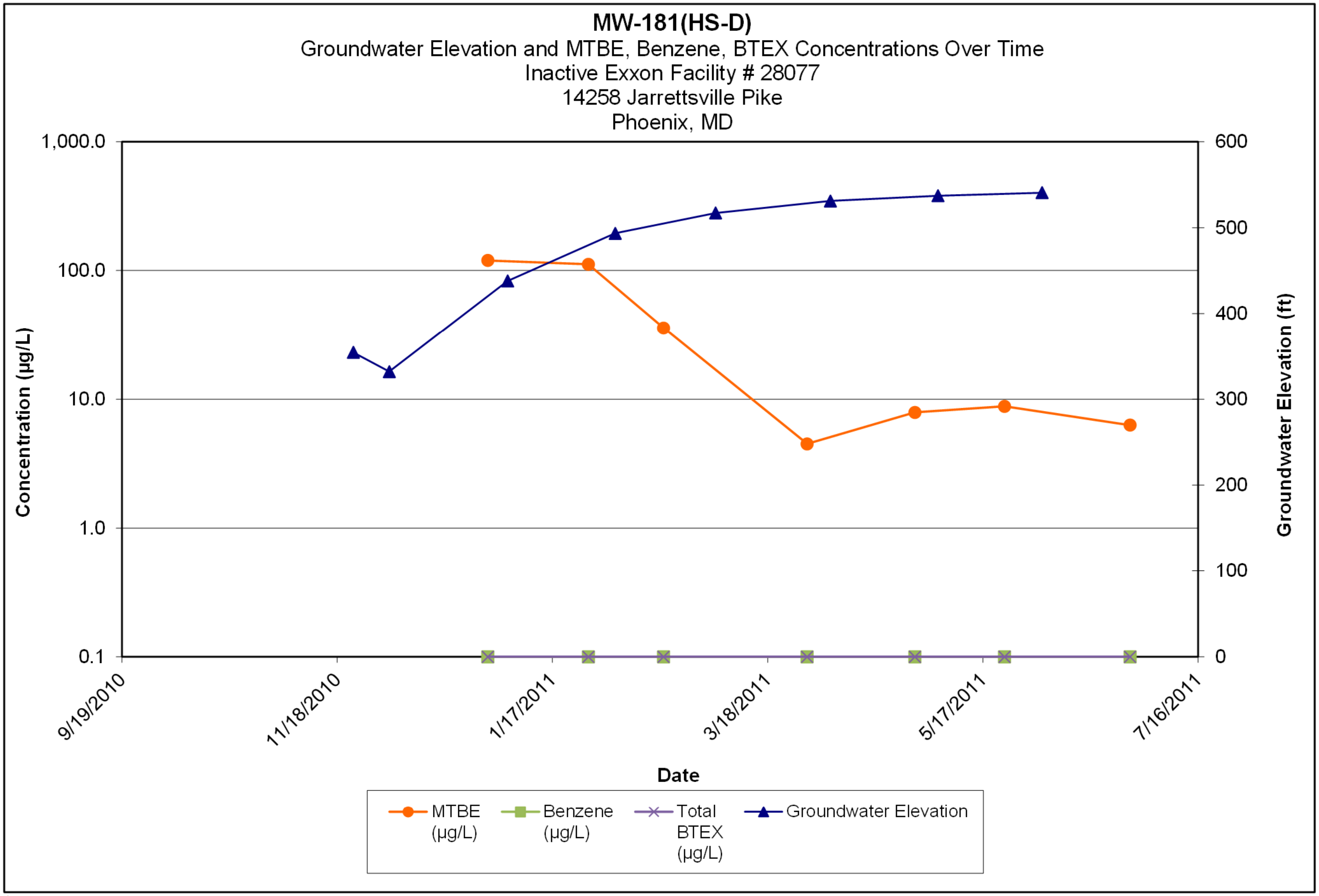


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-S = Shallow Composite HydraSleeve set at 1/2 of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD

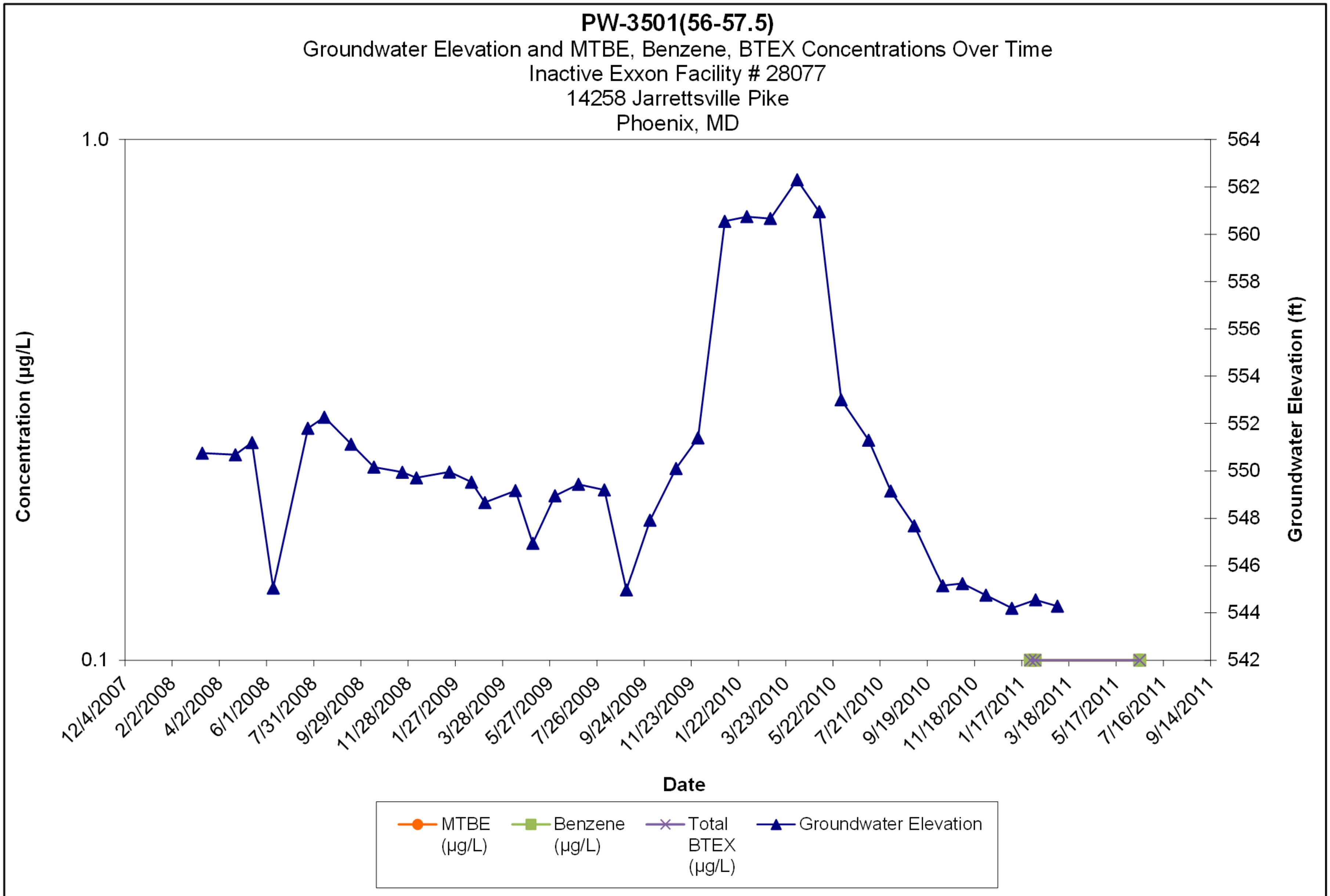


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) HS-D = Deep Composite HydraSleeve set at bottom of open borehole.

Kleinfelder
1340 Charwood Road
Hanover, MD

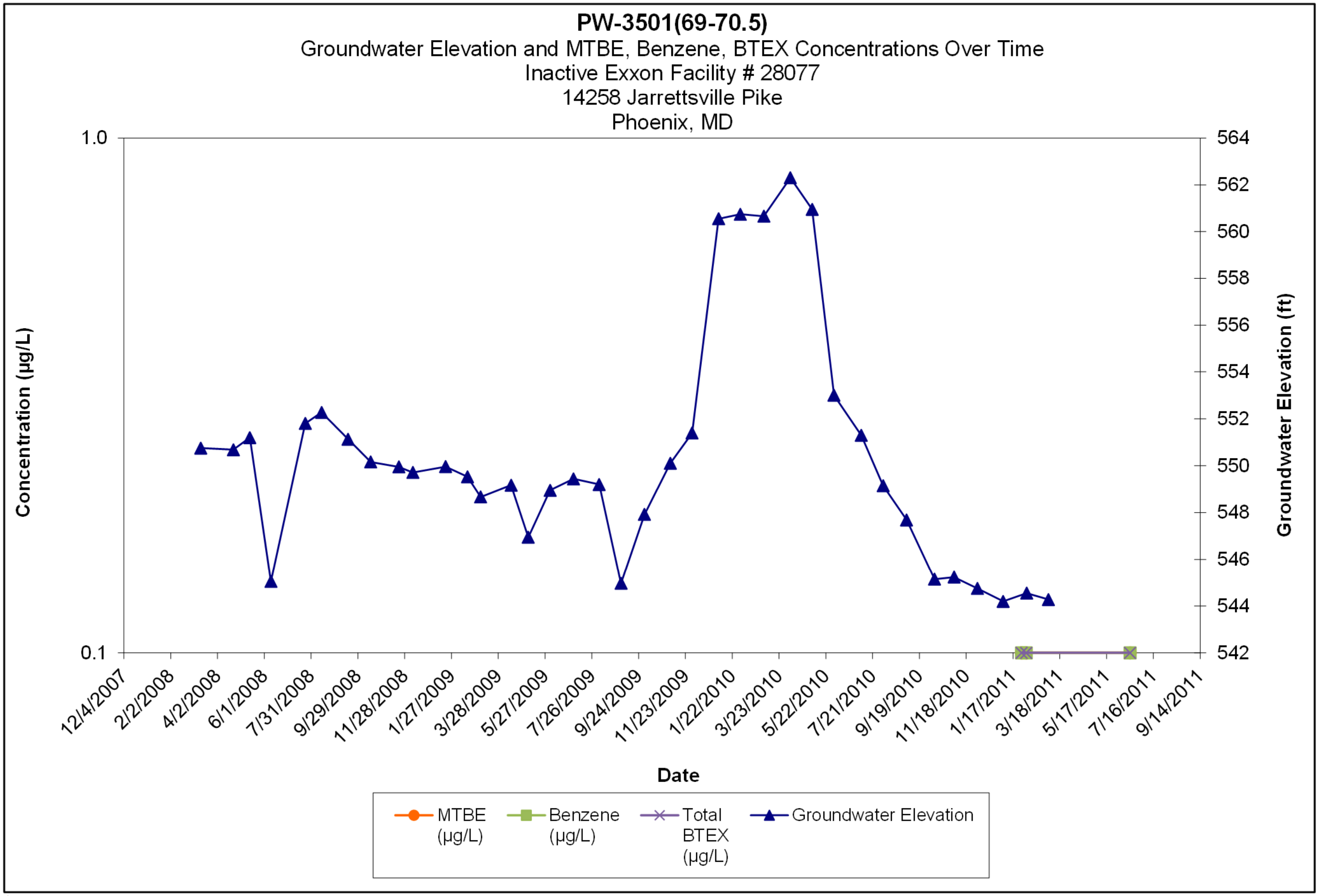


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD



Notes:

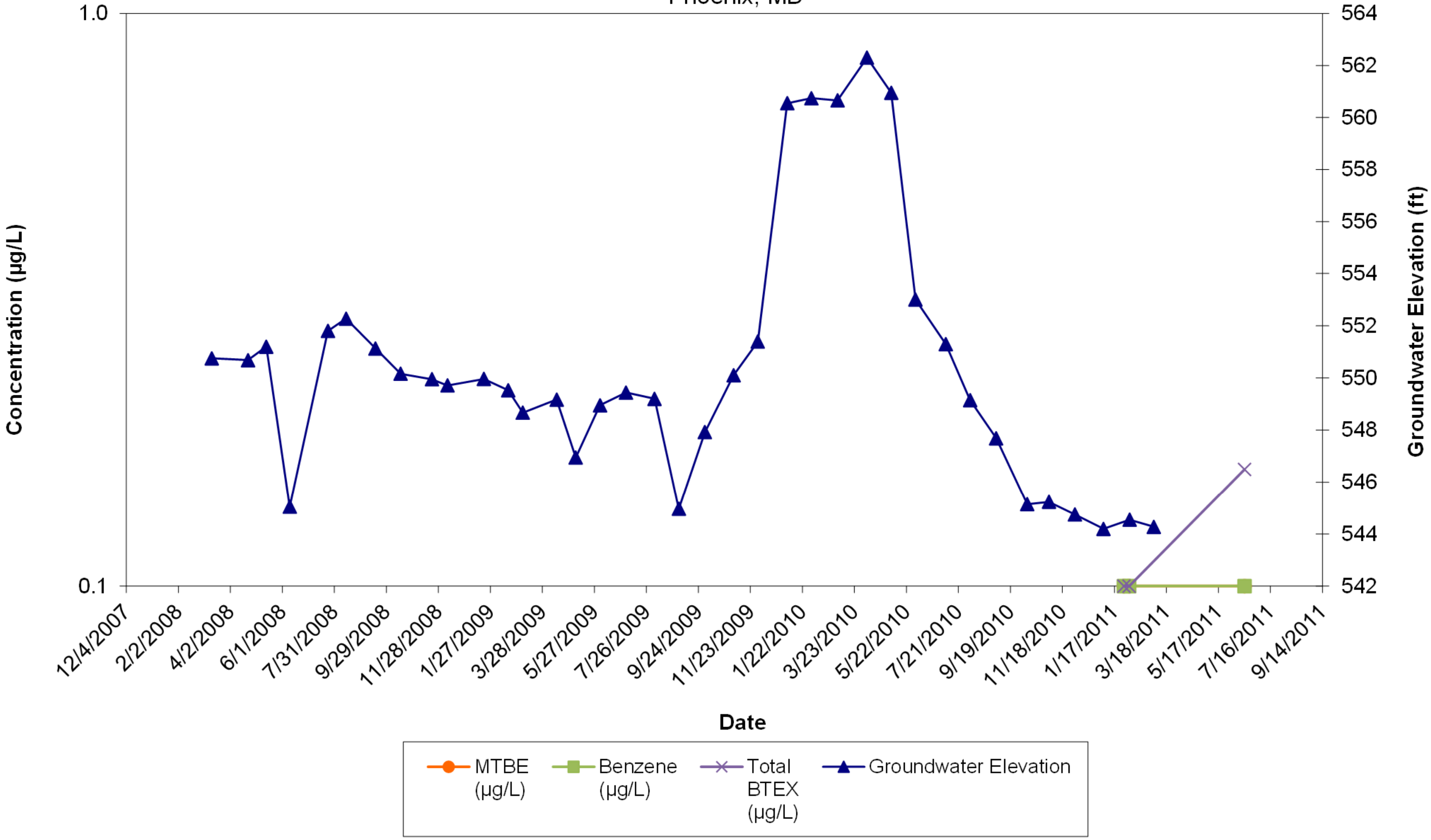
1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

PW-3501(88.5)

Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD

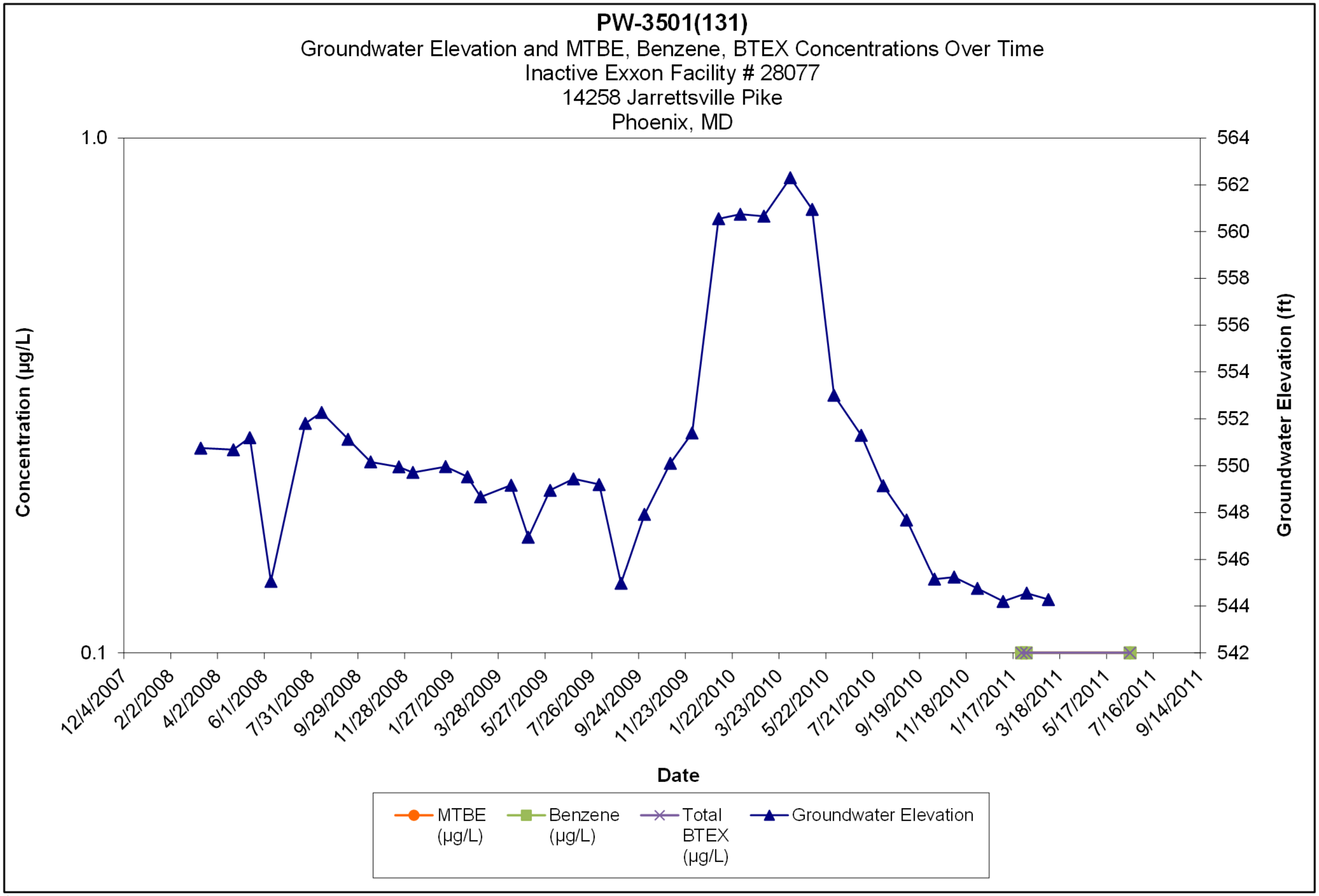


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

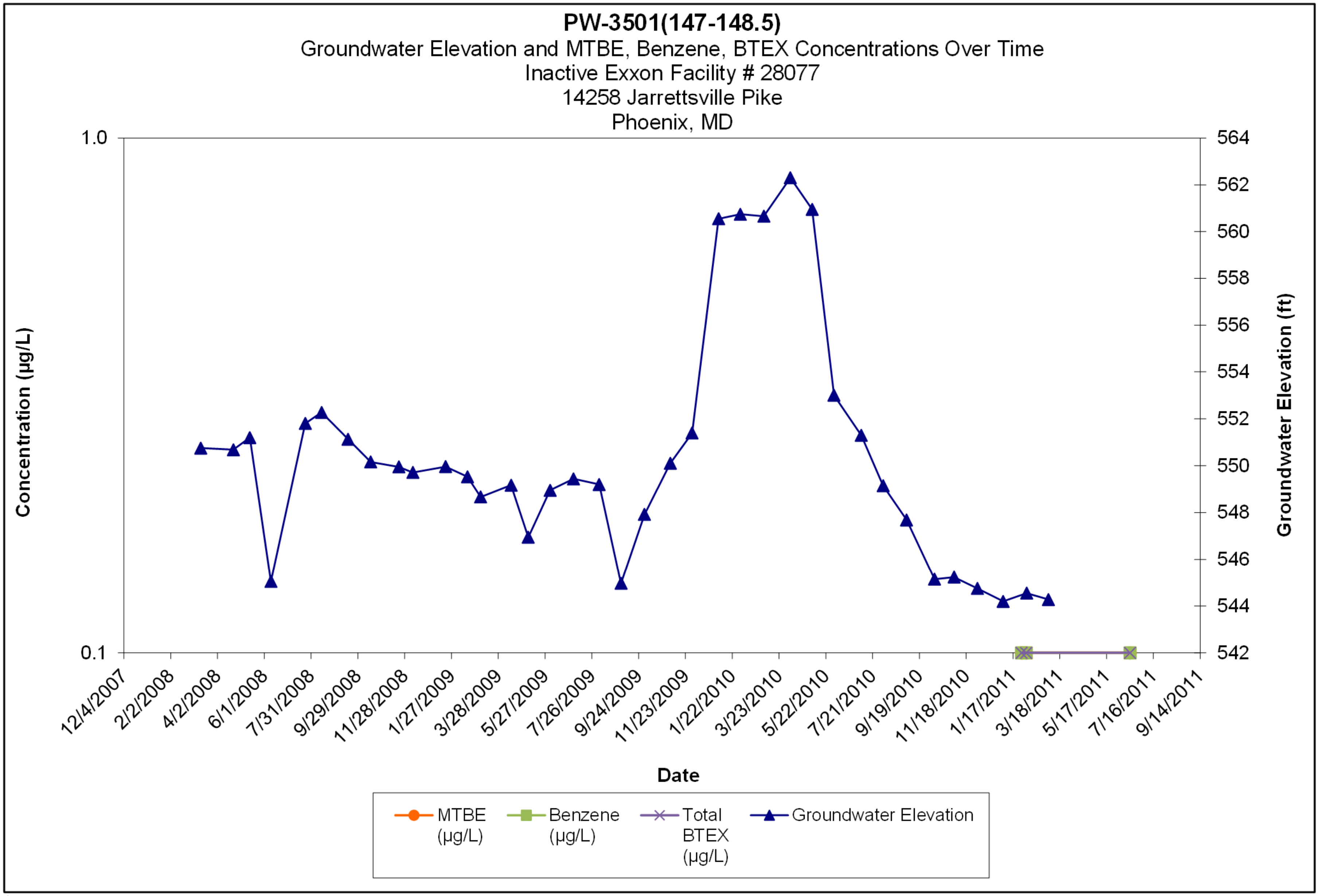


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

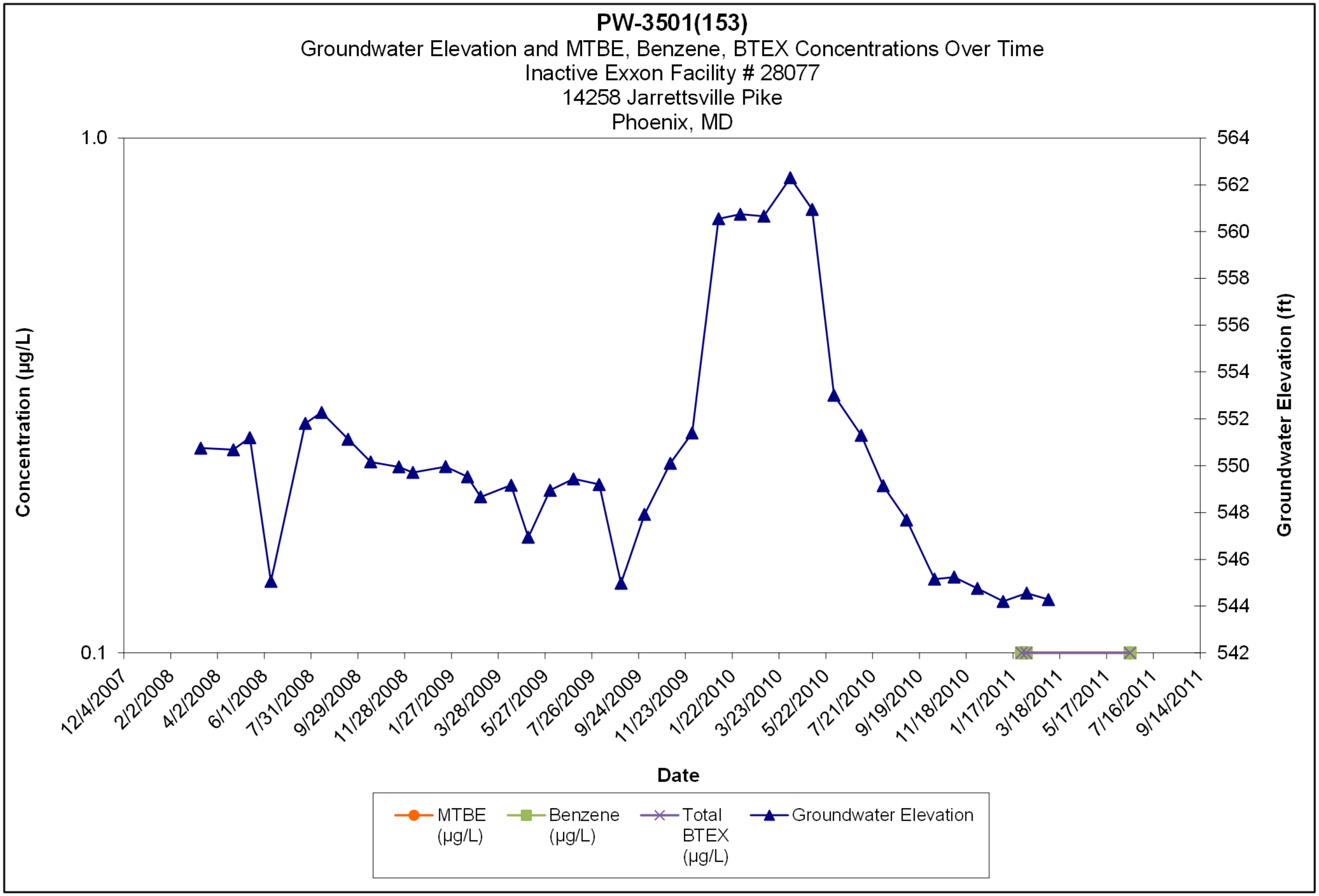


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

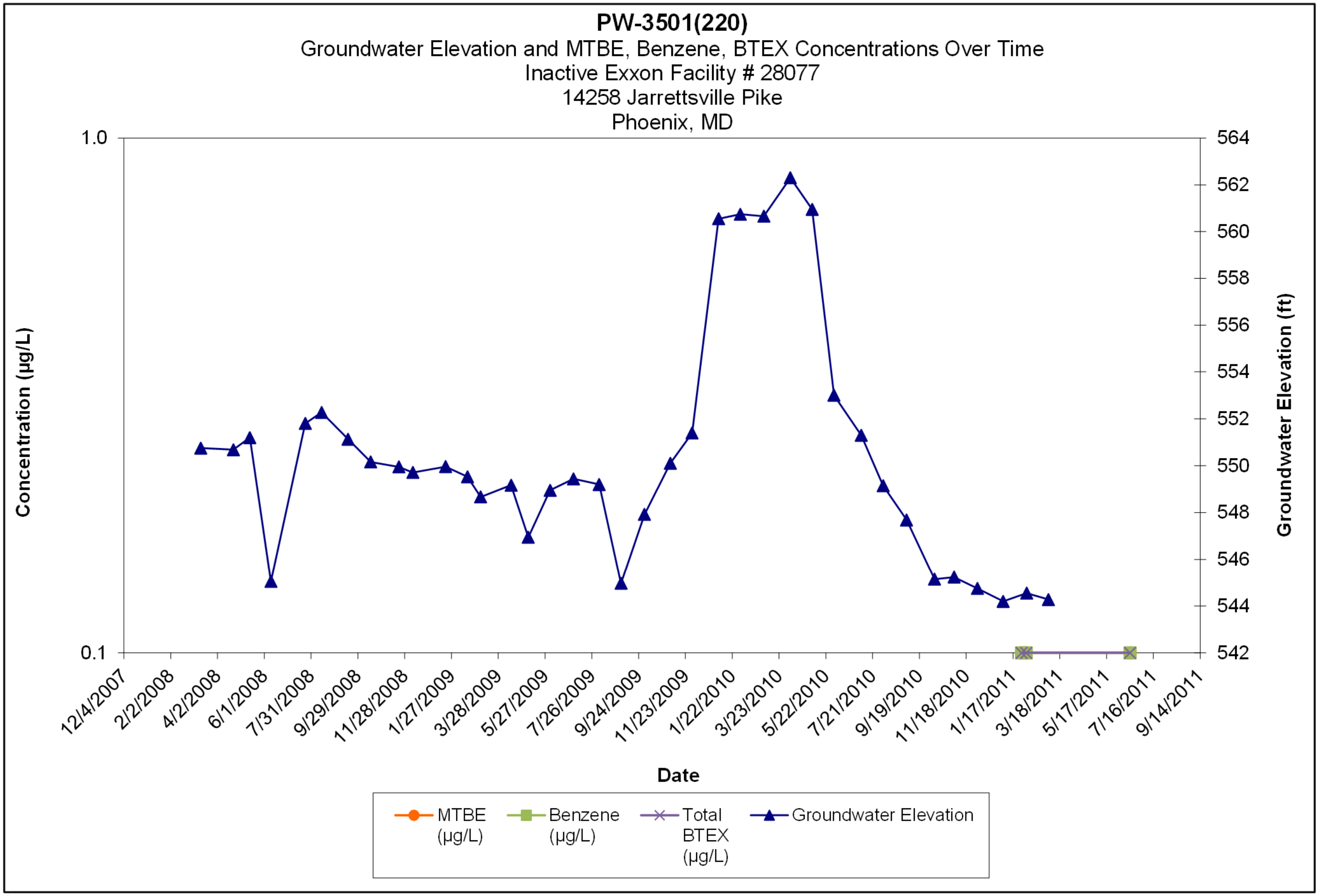


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

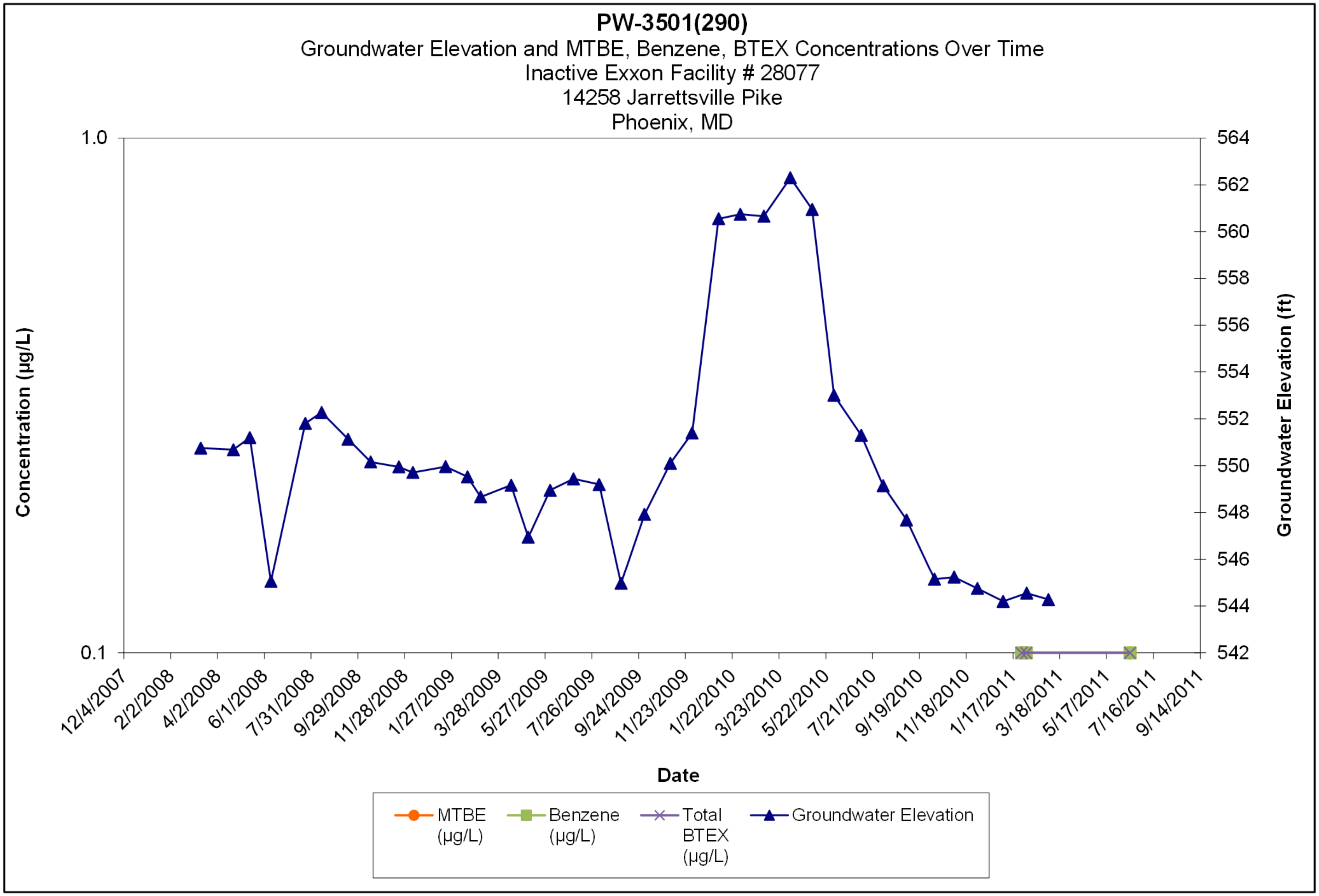


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

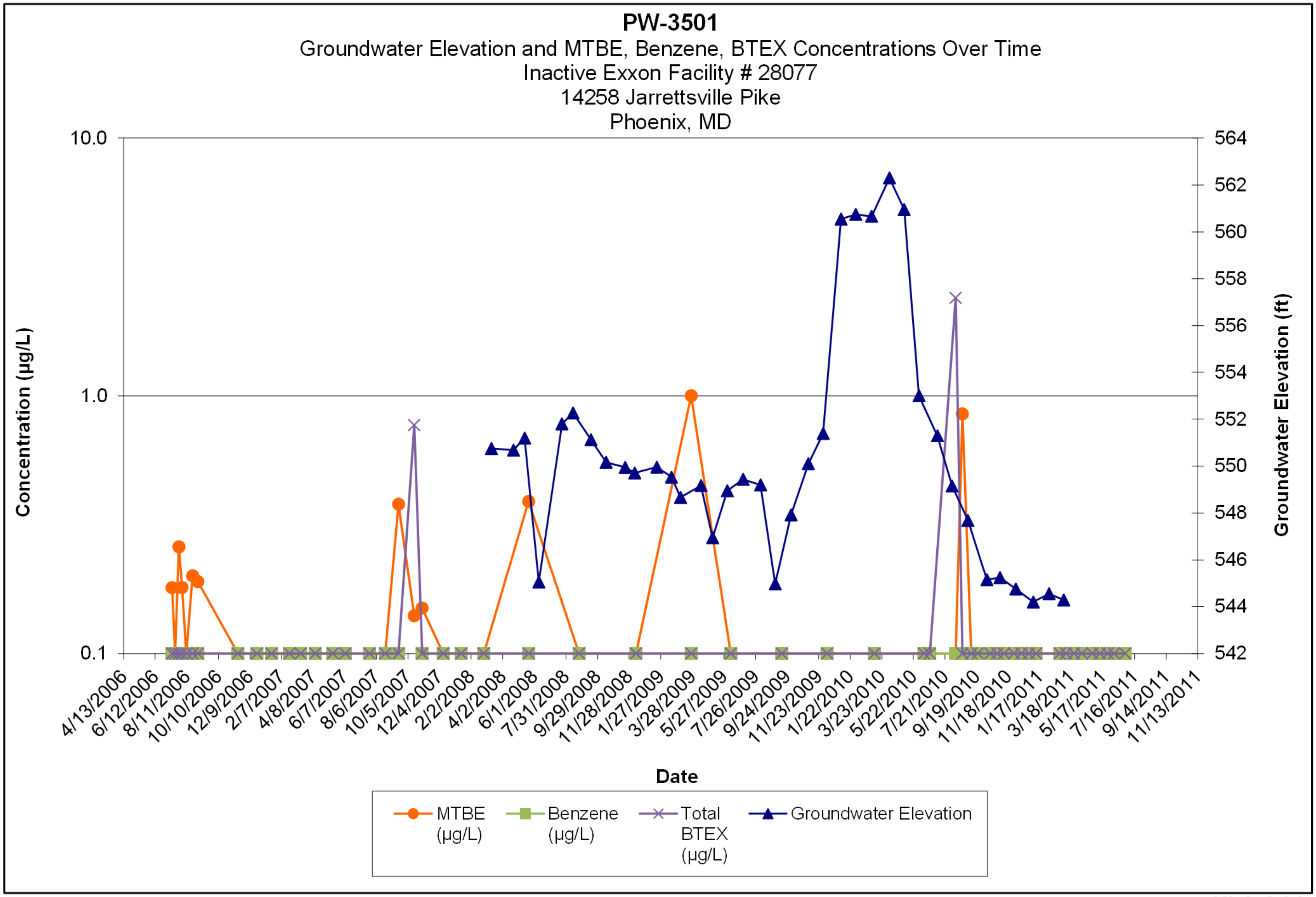


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

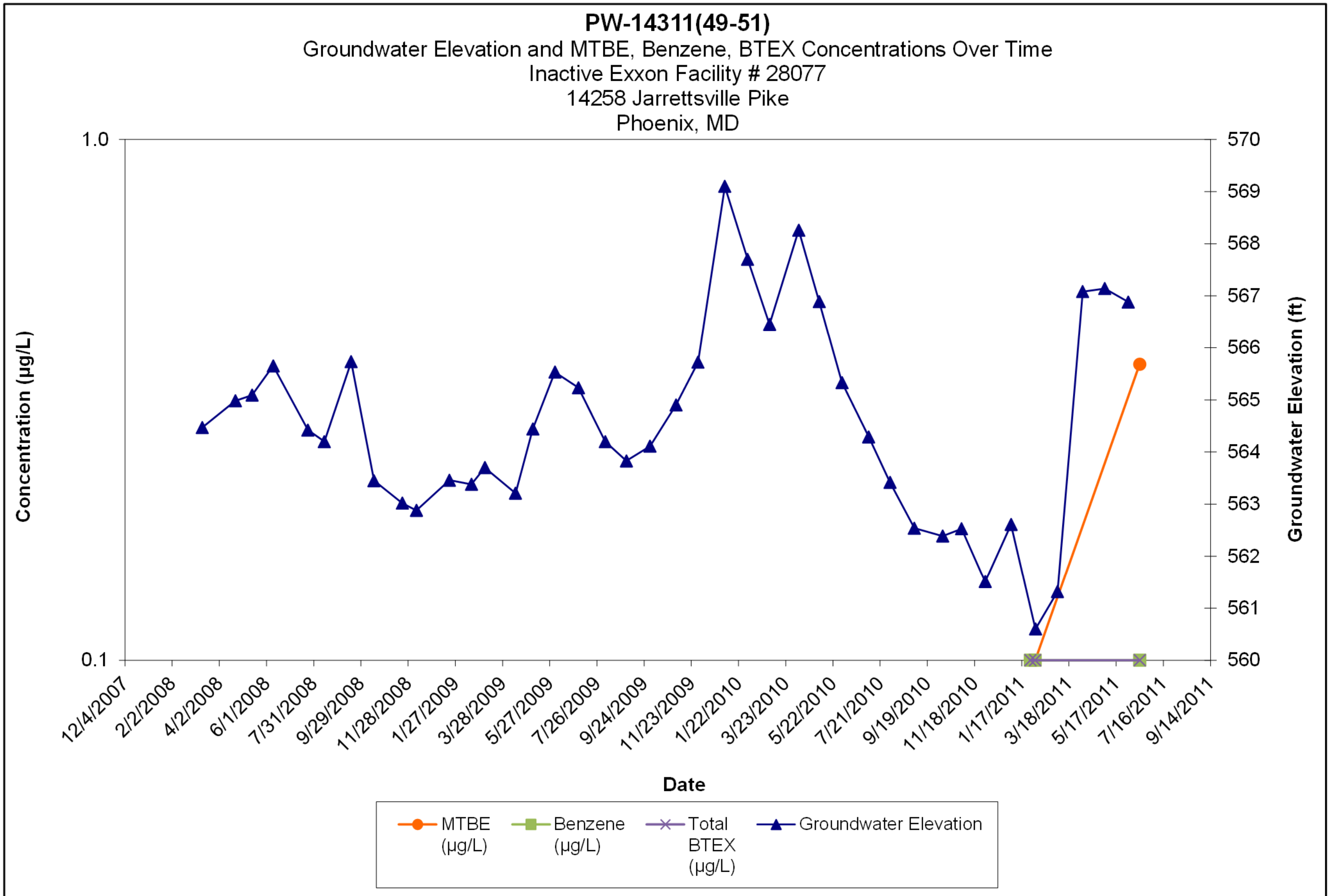
2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

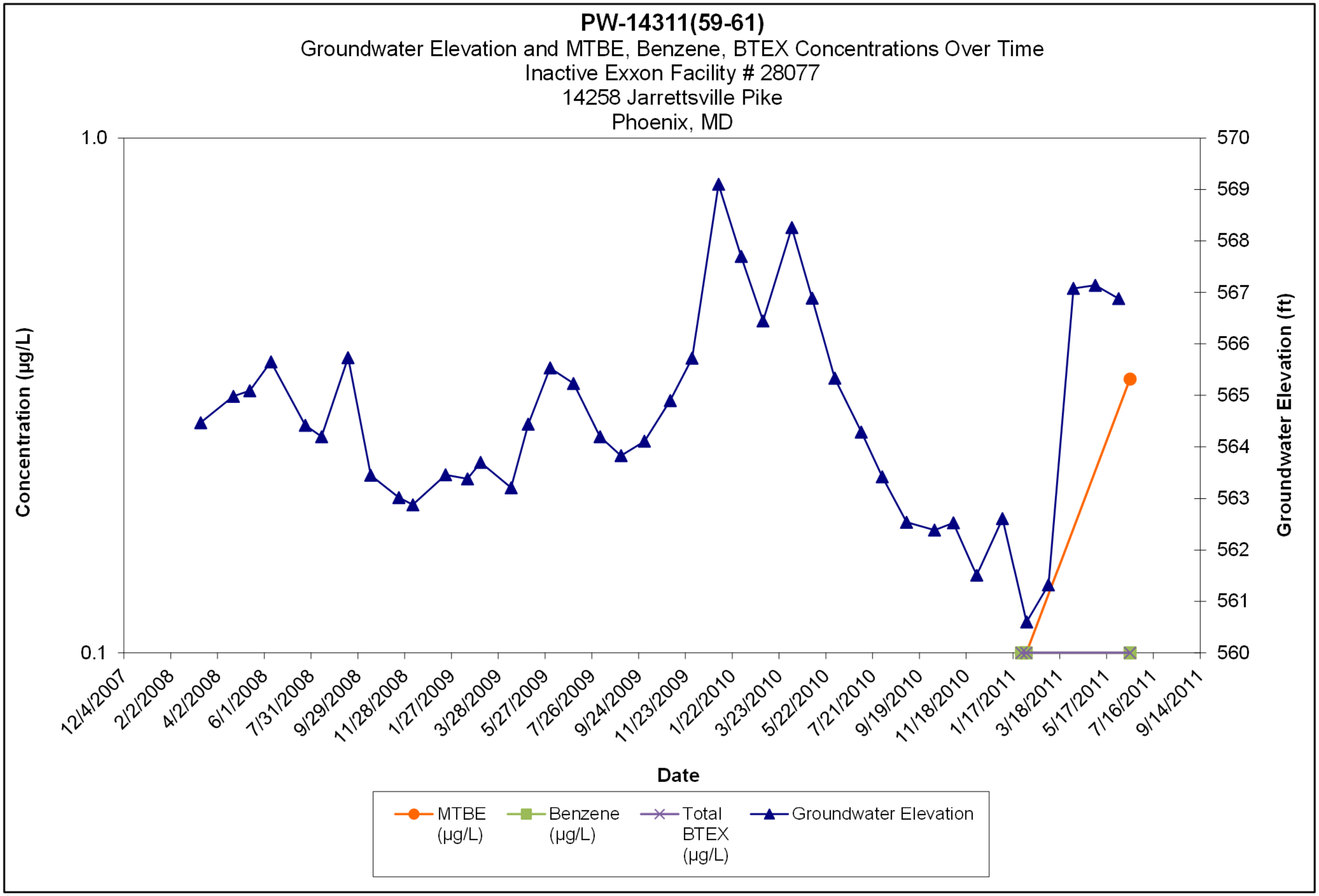


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

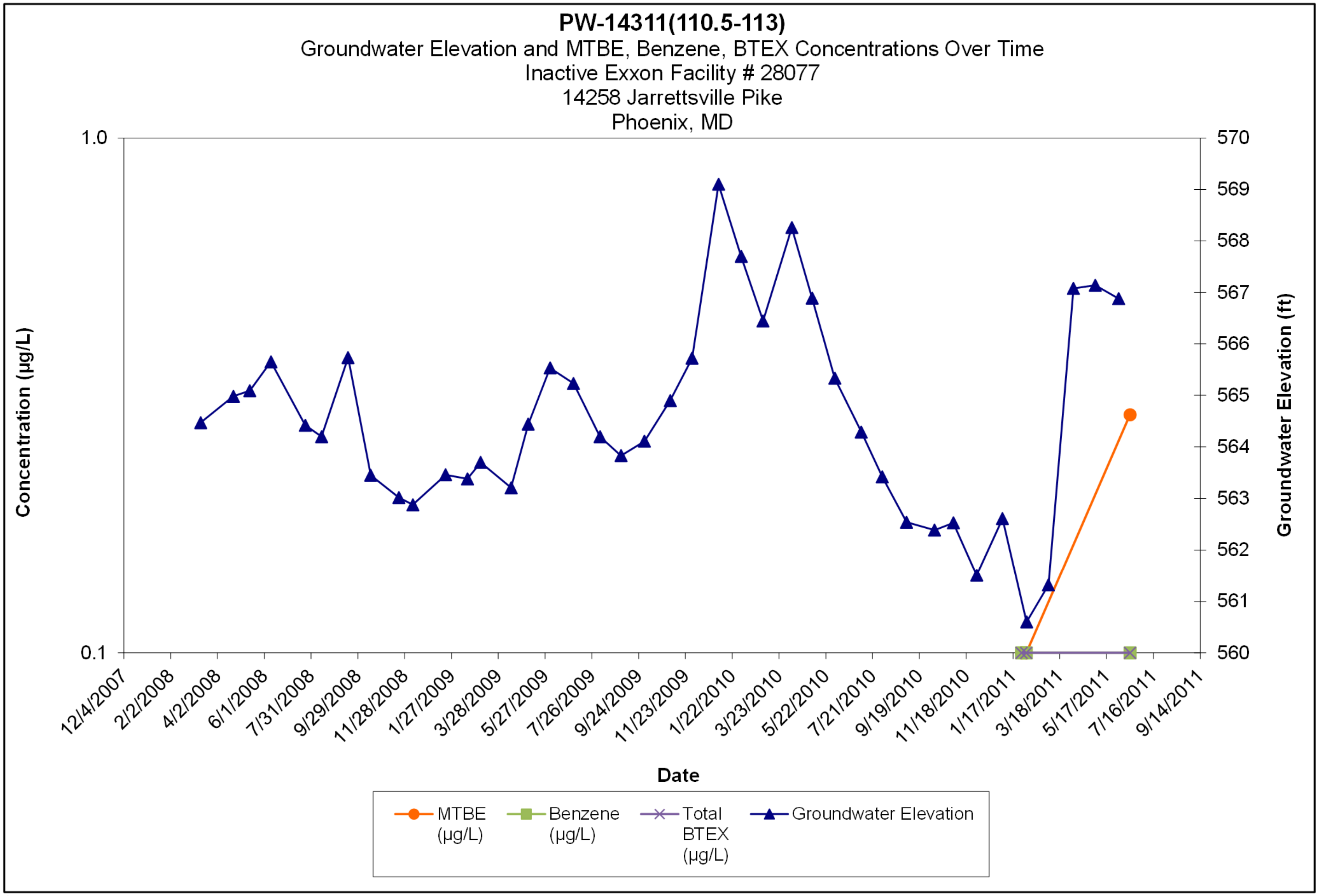


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

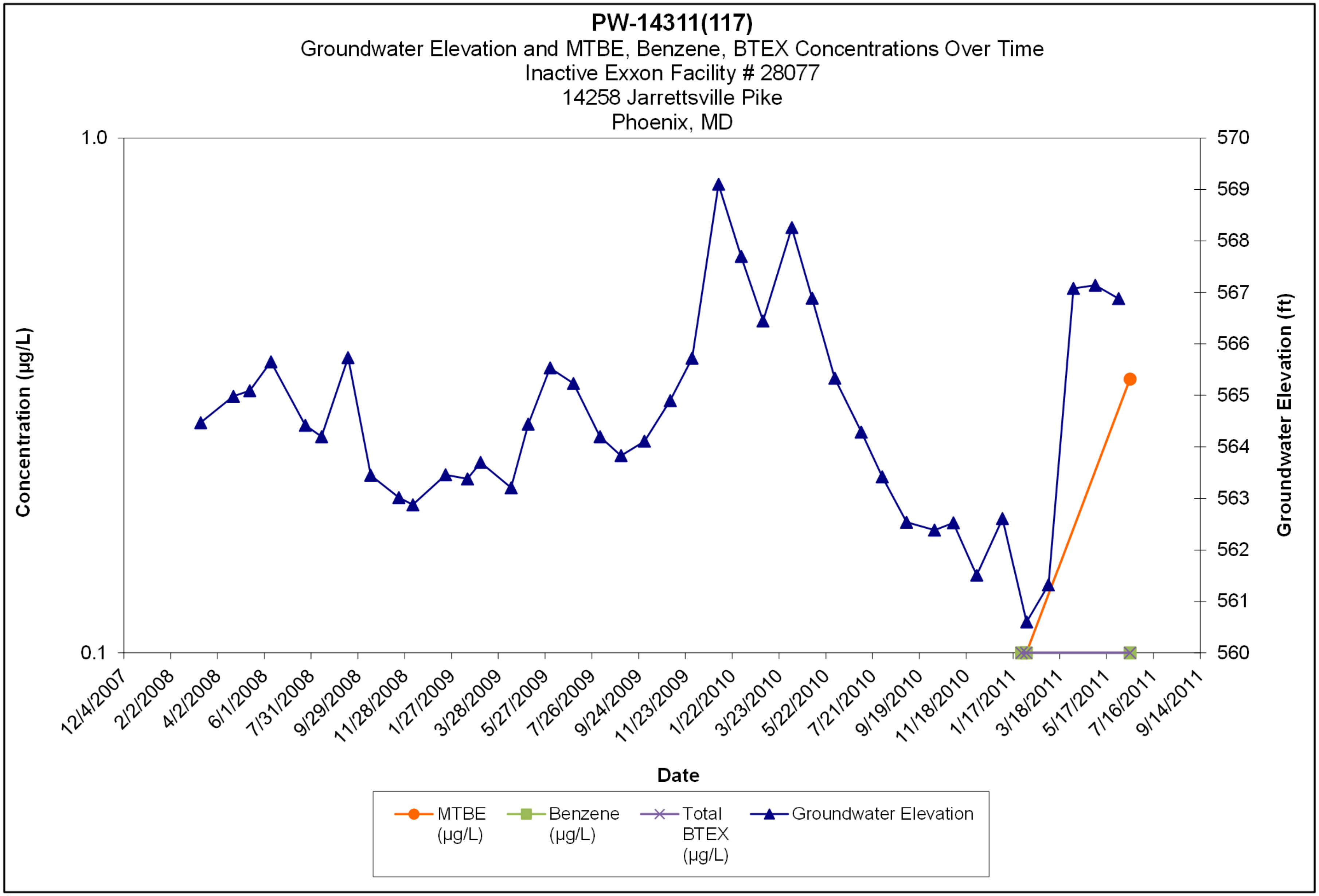


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

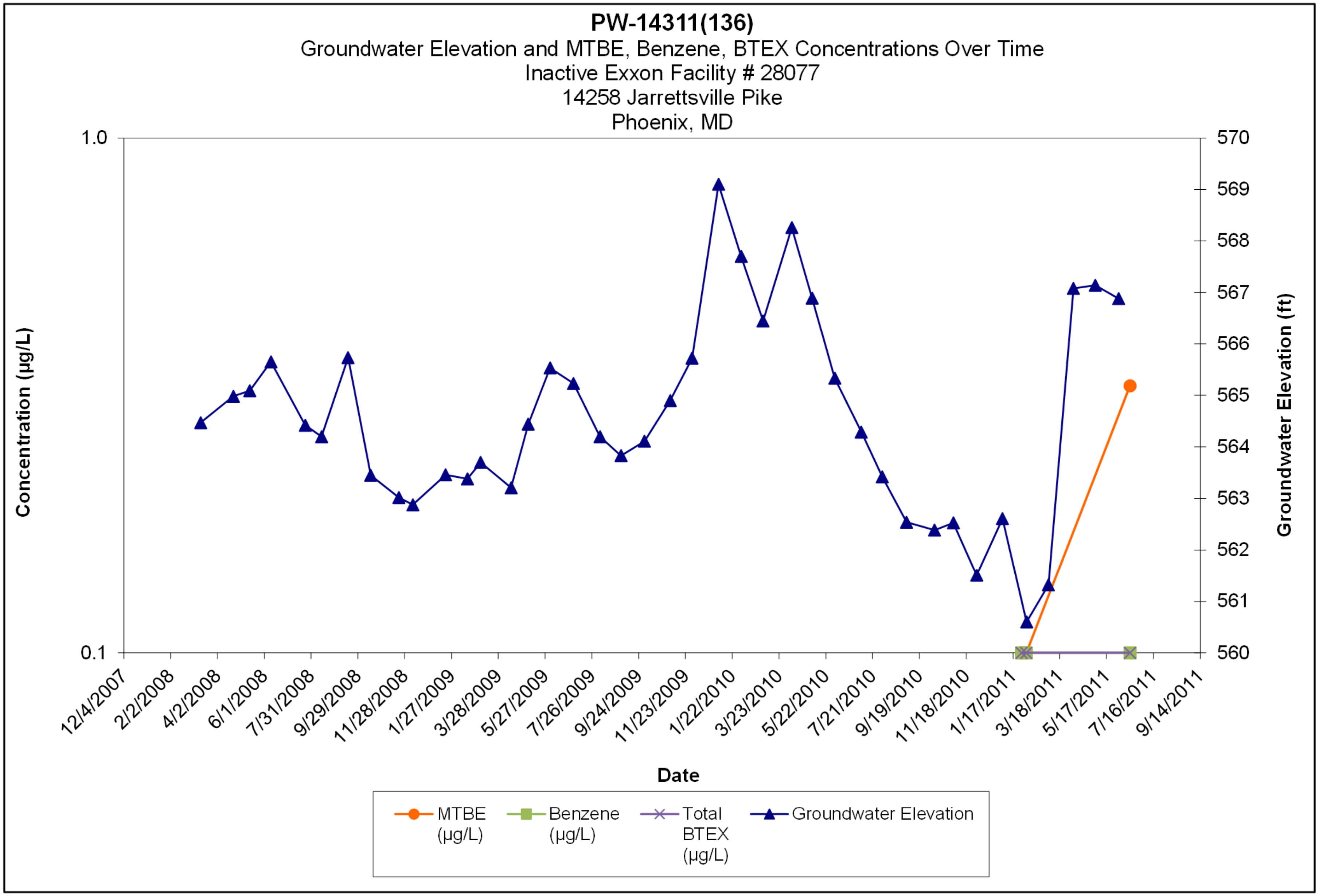


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

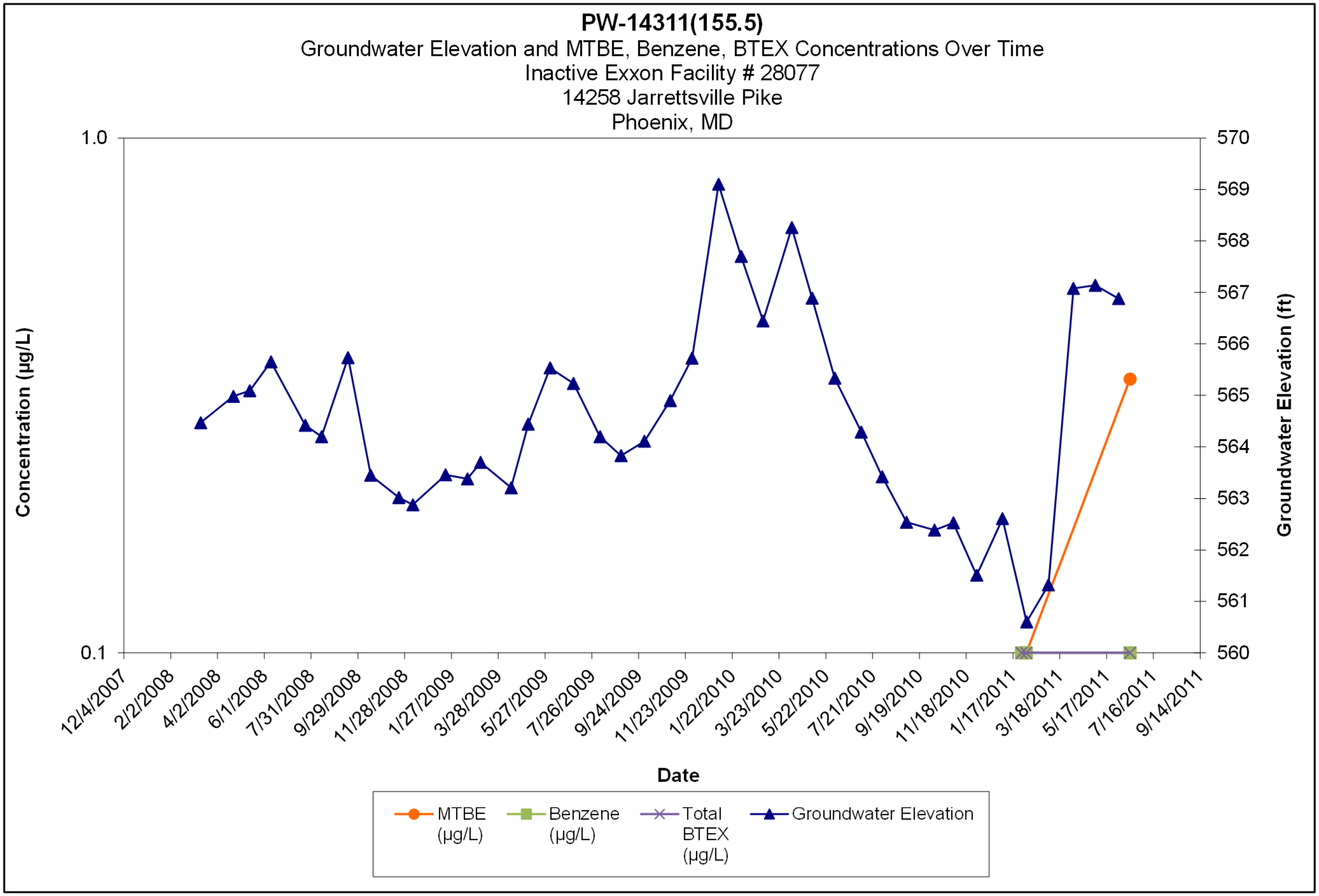


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

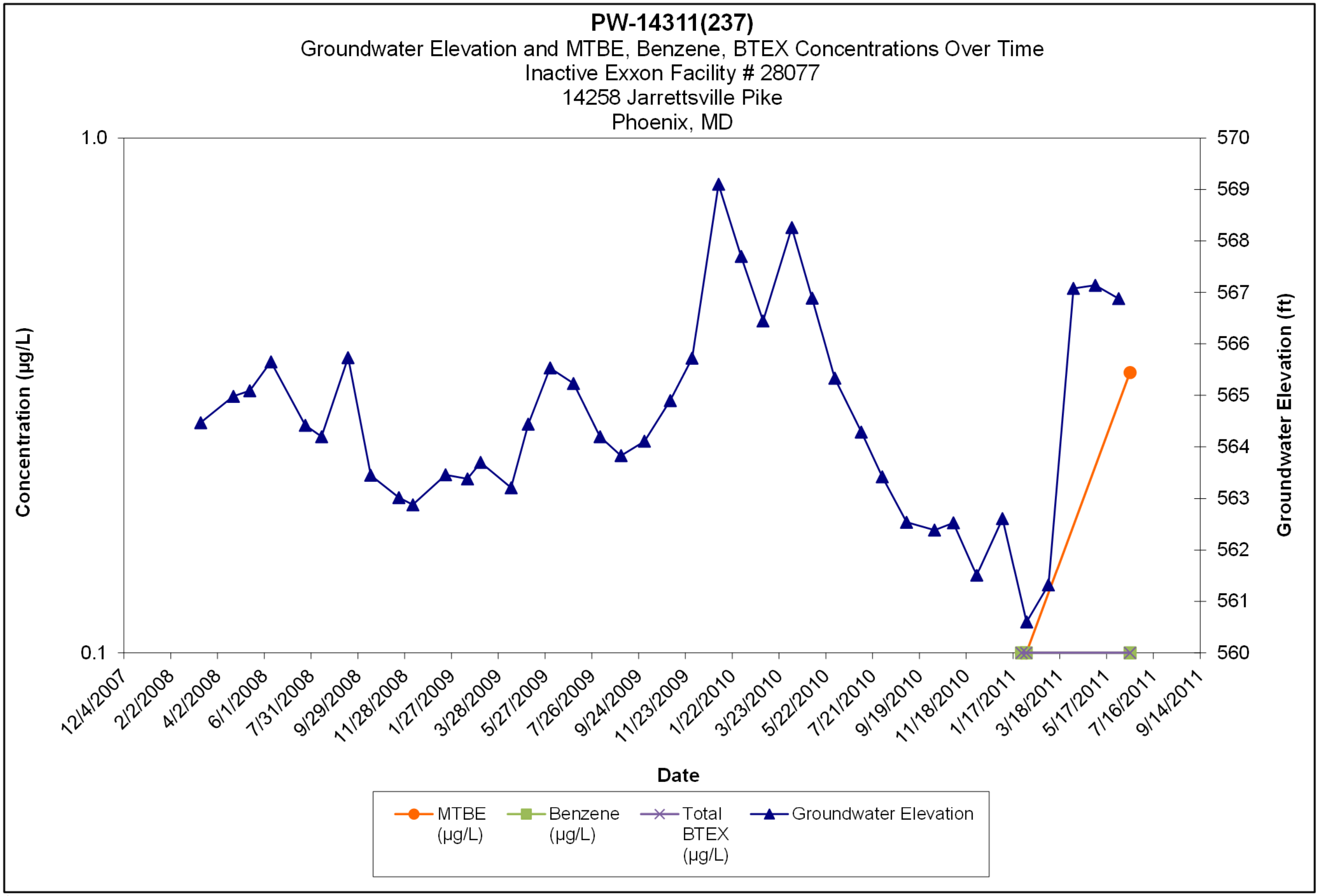


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

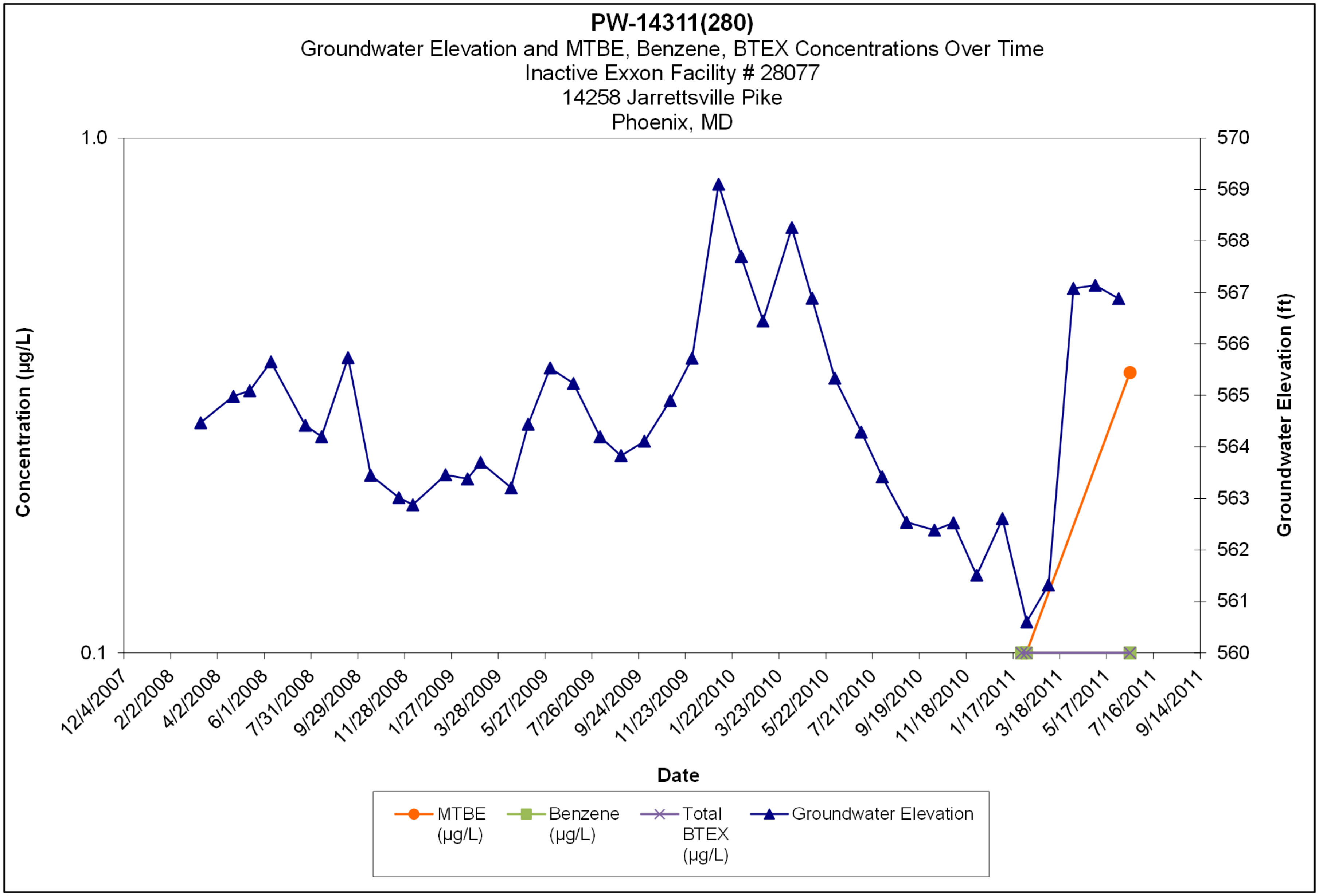


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD

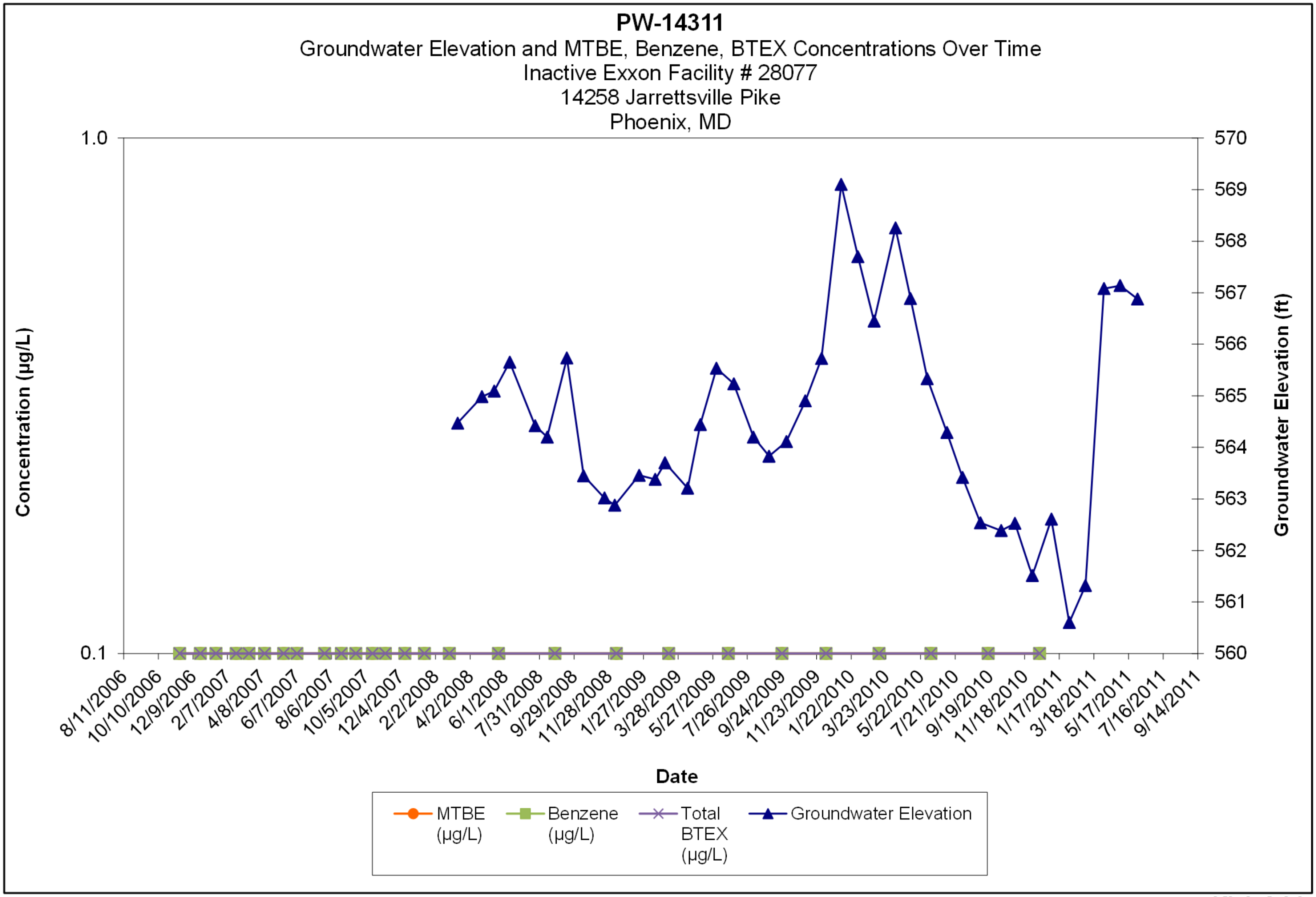


Notes:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) Discrete interval (HydraSleeve) sampling approved by the MDE on December 3, 2010.

Kleinfelder
1340 Charwood Road
Hanover, MD



Note: ND results are charted as "0.1" to avoid confusion with estimated "J" values.

Kleinfelder
1340 Charwood Road
Hanover, MD

APPENDIX C
Near Northeast Area Private Supply Well Completion Reports

3501 Hampshire Glen Ct BA817044

WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

DATE Received: MAR 2 1 1988

DATE WELL COMPLETED: 0 2 2 9 8 8

Depth of Well: 300 (TO NEAREST FOOT)

PERMIT NO. FROM 'PERMIT TO DRILL WELL': BA-81-7044

OWNER: GAYLORD BROOKS REALTY CO. (last name / first name)
STREET OR RFD: P. O. Box 193 TOWN: Phoenix 21131
SUBDIVISION: HAMPSHIRE SECTION: LOT: 25

HAMPSHIRE GLEN CT AND HAMPSHIRE KNOB DR

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Brown Shale	0	25	
Green Rock	25	200	
Gray Rock	200	300	X

Well No. 1 - 300' - DRY
Well No. 2 - 300' - DRY
Well No. 3 - 300' - DRY
WEll No. 4 - 200' - DRY
Well No. 5 - 300' - DRY
Well No. 6 - 300' - DRY
Well No. 7 - 200' - DRY

(BACKFILLED)

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box): Y N

TYPE OF GROUTING MATERIAL: CEMENT CM (circled) BENTONITE CLAY BC

NO OF BAGS 6 NO OF POUNDS 600

GALLONS OF WATER 36

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft (TOP) to 27 ft (BOTTOM) (enter 0 if from surface)

CASING RECORD

casing types — Insert appropriate code below: ST STEEL; CO CONCRETE; PL PLASTIC; OT OTHER

MAIN CASING TYPE: PL
Nominal diameter top (main) casing (nearest inch): 6
Total depth of main casing (nearest foot): 27

OTHER CASING (if used): diameter inch; depth (feet) from / to

SCREEN RECORD

screen type or open hole — Insert appropriate code below: ST STEEL; BR BRASS BRONZE; HO OPEN HOLE; PL PLASTIC; OT OTHER

C 2

EACH SCREEN — DEPTH (nearest ft.):

	Type	From	To
1	HO	27	300
2			
3			

SLOT SIZE 1.____ 2.____ 3.____

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK from ____ to ____

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

PUMPING TEST

HOURS PUMPED (nearest hour): 6

PUMPING RATE (gal per min to nearest gal.): 1

METHOD USED TO MEASURE PUMPING RATE: submersible

WATER LEVEL (distance from land surface)
BEFORE PUMPING: 29
WHEN PUMPING: 235

TYPE OF PUMP USED (for test): A air; P piston; T turbine; C centrifugal; R rotary; O other (describe below); J jet; S submersible (circled)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): YES NO (circled)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft)

CASING HEIGHT (circle appropriate box and enter casing height): + above / − below LAND SURFACE (nearest foot): 1

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 399

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

Robert Brown

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T — TELESCOPE CASING; (E R O S.) — LOG INDICATOR; W Q — OTHER DATA

10

ORIGINAL

3501 Hampshire Glen Ct BA817044

B 1 4451 SEQUENCE NO. (OEP USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

please print or type

BA-81-7044 fill in this form completely

Date Received 071487

OWNER INFORMATION

GAYLORD BROOKS RLTY (Last Name / Owner / First Name)

P.O. BOX 193 (Street or RFD)

Phoenix (Town) MD (State) 21131 (Zip)

DRILLER INFORMATION

Paul M. Fabiszak (Driller's Name) 399 (License No.)

G. Edgar Harr Sons' Corp. (Firm Name)

12047 Falls Road, Cockeysville 21030 (Address)

Signature: Paul M. [signature] Date: 7/1/87

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV OTHER (REQUIRES APPROPRIATION PERMIT)
- P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRIve-POINT
other

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENDED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE MZ WRITE INITIALS IN BOX PERMIT No BA-81-7044

SPECIAL CONDITIONS No fee

B 3 LOCATION OF WELL

BALTIMORE (COUNTY)

HAMPSHIRE (SUBDIVISION)

SECTION LOT 25 ~~Test well~~

Jacksonville (NEAREST TOWN)

MILES FROM TOWN (enter 0 if in town) 0 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX): NW N NE W TOWN E SW S SE

Jarrettsville Pike NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH N, WEST W, EAST E, SOUTH S

80 DISTANCE FROM ROAD

ENTER FT or MI Ft

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Balto (COUNTY NAME) 003 (COUNTY NO.)

OEP SIGNATURE STATE HEALTH INSERT S

DATE ISSUED 071487 CO SIGNATURE M. Zenikoff EXP. DATE

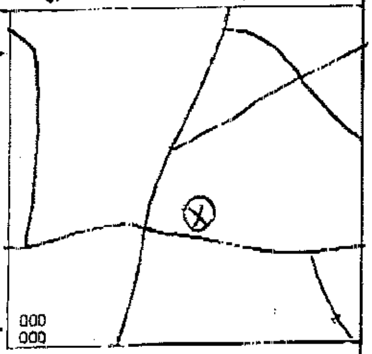
NORTH GRID 614000 EAST GRID 092$\cancel{5}$4000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

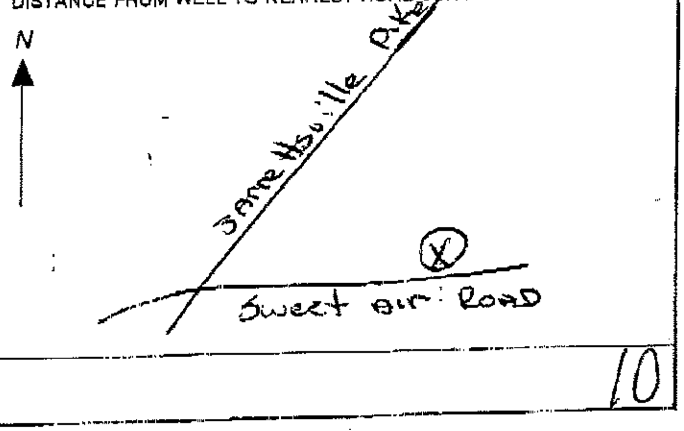
SOURCES OF DRILLING WATER
1
2
3

WRITE THE BOX NUMBER FROM THE MAP HERE

E 925
N 616



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



10

ORIGINAL

C1 9072 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER

DATE Received: SEP 17 1987

DATE WELL COMPLETED: 090487

Depth of Well: 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": BA-81-7043

OWNER: GAYLORD BROOKS REALTY CO. (last name / first name)
STREET OR RFD: P. O. Box 193 TOWN: Phoenix 21131
SUBDIVISION: HAMPSHIRE SECTION: LOT: 24

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Brown Mica	0	32	
Gray Rock	32	300	X

CIRCLE APPROPRIATE LETTER
- A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
- E ELECTRIC LOG OBTAINED
- P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 399

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

Maurice Dixon
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): yes Y (circled) / no N
TYPE OF GROUTING MATERIAL: CEMENT CM (circled) BENTONITE CLAY BC
NO. OF BAGS 7 NO. OF POUNDS 700
GALLONS OF WATER 42
DEPTH OF GROUT SEAL (to nearest foot): from 0 ft. (TOP) to 32 ft. (BOTTOM) (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	32

OTHER CASING (if used): diameter inch / depth (feet) from / to

SCREEN RECORD
screen type or open hole insert appropriate code below: ST STEEL, BR BRASS BRONZE, HO OPEN HOLE, PL PLASTIC, OT OTHER

C2

EACH SCREEN	Type	DEPTH (nearest ft.) from	to
1	HO	32	300
2			
3			

SLOT SIZE 1____ 2____ 3____
DIAMETER OF SCREEN ____ (NEAREST INCH)

GRAVEL PACK from ____ to ____
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T TELESCOPE CASING / (E.R.O.S.) LOG INDICATOR / WQ OTHER DATA

C3

PUMPING TEST
HOURS PUMPED (nearest hour): 3
PUMPING RATE (gal. per min to nearest gal.): 14
METHOD USED TO MEASURE PUMPING RATE: submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING: 36
WHEN PUMPING: 39

TYPE OF PUMP USED (for test): A air, P piston, T turbine, C centrifugal, R rotary, O other (describe below), J jet, S submersible (circled)

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): YES NO (circled)
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height): + above (circled) / − below LAND SURFACE: 1 (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

N

3503 Hampshire Glen Ct BA817043

3506 Hampshire Glen Ct BA817792

EMERGENCY/TEMP NO. IF ANY

6 1 - 3452 SEQUENCE NO. (OP USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER: BA-81-7792

fill in this form completely

Date Received (APA)

OWNER INFORMATION

Last Name / Owner / First Name: GAYLORD BROOKS REALTY

Street or RFD: P O BOX 193

Town / State / Zip: PHOENIX MD 21131

DRILLER INFORMATION

Driller's Name: Paul M. Tabiszak — License No: 399

Firm Name: G. Edgar Harr Sons' Corp.

Address: 12047 Falls Road, Cockeysville, 21030

Signature — Date: 1-22-88

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV OTHER (REQUIRES APPROPRIATION PERMIT)
- P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) — JETTED — Jetted & DRIVEN
AIR-ROTary — AIR-PERcussion — ROTARY (Hydraulic Rotary)
CABLE — REVerse ROTary — DRive-POINT

other

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER G A P

FORCE — WRITE IN GAL IN BOX — PERMIT No

SPECIAL CONDITIONS

B 3 LOCATION OF WELL

COUNTY: BALTIMORE

SUBDIVISION: HAMPSHIRE

SECTION — LOT 4

NEAREST TOWN: [illegible]

MILES FROM TOWN (enter 0 if in town) 0 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX): N, NE, E, SE, S, SW, W, NW, TOWN

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH, WEST, EAST, SOUTH

DISTANCE FROM ROAD 80 — ENTER FT or MI FT

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

COUNTY NAME — COUNTY NO

STATE SIGNATURE — (INSERT S

DATE ISSUED — CO SIGNATURE — EXP DATE

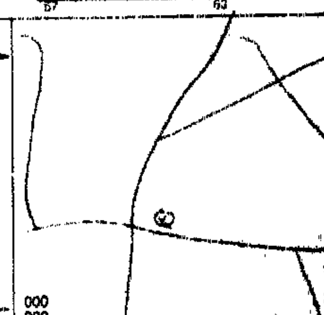
NORTH GRID 614000 — EAST GRID 0125000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

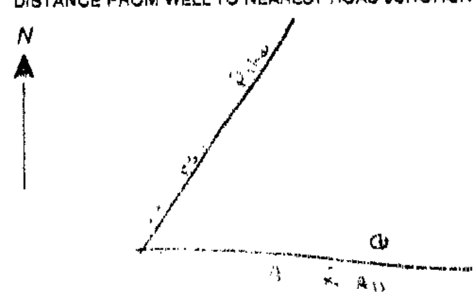
SOURCES OF DRILLING WATER
1
2
3

WRITE THE BOX NUMBER FROM THE MAP HERE

E 125
N 614



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



10

COUNTY

3506 Hampshire Glen Ct BA817792

C1 4086 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER

DATE Received:

DATE WELL COMPLETED: 032388

Depth of Well: 203 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": BA-81-7792

OWNER: GAYLORD BROOKS REALTY CO.
last name / first name

STREET OR RFD: P. O. Box 193 TOWN: Phoenix 21131

SUBDIVISION: HAMPSHIRE SECTION: LOT: 4

WELL LOG
Not required for driven wells
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Overburden	0	20	
Shale/Earth	20	30	
Gray Rock	30	200	X

Well No. 1 - 100' - DRY
~~Well No. 2~~ - 200' - DRY
(BACKFILLED) - 3/28/88 OK MAZ

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): yes Y / no N — Y
TYPE OF GROUTING MATERIAL: CEMENT CM / BENTONITE CLAY BC — CM
NO. OF BAGS 6 NO. OF POUNDS 620
GALLONS OF WATER 36
DEPTH OF GROUT SEAL (to nearest foot): from 0 ft (TOP) to 32 ft (BOTTOM) (enter 0 if from surface)

CASING RECORD
casing types — insert appropriate code below: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	32

OTHER CASING (if used): diameter inch / depth (feet) from / to

SCREEN RECORD
screen type or open hole — insert appropriate code below: ST STEEL, BR BRASS BRONZE, HO OPEN HOLE, PL PLASTIC, OT OTHER

C2

EACH SCREEN	DEPTH (nearest ft.)	
HO	32	203

SLOT SIZE 1. 2. 3.
DIAMETER OF SCREEN (NEAREST INCH)

C3

PUMPING TEST
HOURS PUMPED (nearest hour): 3
PUMPING RATE (gal per min. to nearest gal.): 7.67
METHOD USED TO MEASURE PUMPING RATE: submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING: 33.6'
WHEN PUMPING: 47.8'
TYPE OF PUMP USED (for test): A air, P piston, T turbine, C centrifugal, R rotary, O other (describe below), J jet, S submersible — S

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): YES NO — NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height): + above / − below LAND SURFACE: 1 (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

CIRCLE APPROPRIATE LETTER
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PROVIDED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LICENSE NO.

DRILLERS SIGNATURE(S) MUST MATCH SIGNATURE ON APPLICATION

SITE SUPERVISOR (sign if driller or journeyman responsible for site work if different from permittee)

GRAVEL PACK from to
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 65

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
TELESCOPE CASING / LOG INDICATOR (E,R,O,S) / OTHER DATA (W/Q)

14307 Jarrettsville Pike BA814344

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

45 DAYS AFTER WELL IS COMPLETED

C 1 8482 SEQUENCE NO. (DEP USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS 3-8 ON ALL CARDS)

COUNTY NUMBER

PERMIT NO FROM PERMIT TO DRILL WELL: BA-81-4344

DATE Received: APR 4 86

DATE WELL COMPLETED: 02 23 86

Depth of Well: 600 (TO NEAREST FOOT)

OWNER: Palmisano (last name) Michael (first name) TOWN: Balto 21237

STREET OR RFD: 9120 Harford Rd

SUBDIVISION: Jarrettsville Pike SECTION ______ LOT ______

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
OVERBURDEN	0	44	
GRAY ROCK	44	600	X

CIRCLE APPROPRIATE LETTER
A IF WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 WELL CONSTRUCTION AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT AND THAT THE INFORMATION PRESENTED HEREON IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

DRILLERS IDENT NO: 123

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC
NO OF BAGS 7 NO. OF POUNDS 700
GALLONS OF WATER 42
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 44 ft
(enter 0 if from surface)

CASING RECORD
Casing types insert appropriate code below
ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE	Nominal diameter top of main casing nearest inch	Total depth of main casing nearest foot
ST	6	44

OTHER CASING (if used)
diameter inch | depth (feet) from to

SCREEN RECORD
ST STEEL BR BRASS BRONZE HO OPEN HOLE PL PLASTIC OT OTHER

C 2
HO 44 600

SLOT SIZE
DIAMETER OF SCREEN NEAREST INCH

GRAVEL PACK
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 58

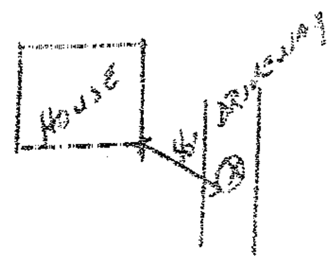
DEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
TELESCOPE CASING | LOG INDICATOR | OTHER DATA

C 3
PUMPING TEST
HOURS PUMPED (nearest hour) 6
PUMPING RATE (gal per min to nearest gal) 12
METHOD USED TO MEASURE PUMPING RATE Submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING 20
WHEN PUMPING 475

TYPE OF PUMP USED (for test)
A air P piston T turbine
C centrifugal R rotary O other (describe below)
J jet S submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES NO
IF DRILLER INSTALLS PUMP THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX SEE ABOVE
CAPACITY GALLONS PER MINUTE to nearest gallon
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft)
CASING HEIGHT (to nearest foot) above or below LAND SURFACE 1

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS AND OR LANDMARK AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



ORIGINAL

14307 Jarrettsville Pike BA814485

C1 8620 SEQUENCE NO. (DEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

COUNTY NUMBER

PERMIT NO. FROM PERMIT TO DRILL WELL: BA-81-4485

DATE Received: APR 28 1986
DATE WELL COMPLETED: 02 21 86
Depth of Well: 600 ft (TO NEAREST FOOT)

OWNER: Palmisano Michael (last name / first name) TOWN: Balto 21234
STREET OR RFD: 1602 Hanford Rd
SUBDIVISION: Jarrettsville Pike SECTION ____ LOT ____

WELL LOG
Not required for dr. en wells
STATE THE KIND OF FORMATIONS PENETRATED THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Overburden	0	45	
Gray Rock	45	600	X

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): (Y) N
TYPE OF GROUTING MATERIAL: CEMENT (CM) BENTONITE CLAY BC
NO. OF BAGS: 6 NO. OF POUNDS: 600
GALLONS OF WATER: 36
DEPTH OF GROUT SEAL (to nearest foot): from 0 ft to 45 ft
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code opposite: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	45

OTHER CASING (if used): diameter (inches); depth (feet) from / to

SCREEN RECORD
screen type or open hole insert appropriate code: ST STEEL, BR BRASS BRONZE, HO OPEN HOLE, PL PLASTIC, OT OTHER

C2
HO	45	600

SLOT SIZE; DIAMETER OF SCREEN; DEGREES; from / to
GRAVEL PACK
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX

C3 PUMPING TEST
HOURS PUMPED (nearest hour): 6
PUMPING RATE (gal. per min. to nearest gal.): 29 [illegible]
METHOD USED TO MEASURE PUMPING RATE: Submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING: 40 ft
WHEN PUMPING: 422 ft
TYPE OF PUMP USED (for test): A air, P piston, T turbine, C centrifugal, R rotary, O other (describe below), J jet, (S) submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): YES (NO)
IF DRILLER INSTALLS PUMP THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX SEE ABOVE
CAPACITY GALLONS PER MINUTE
PUMP HORSE POWER
PUMP COLUMN LENGTH
CASING HEIGHT ... AND SURFACE: 7

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES MEASUREMENTS TO WELL

15'
House

CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR ... AND IN CONFORMANCE WITH ALL ... ABOVE CAPTIONED PERMIT AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

DRILLERS IDENT NO. 120
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
SITE SUPERVISOR (sign. of driller or journeyman responsible for fieldwork if different from permittee)

DEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
TELESCOPE CASING; LOG INDICATOR; OTHER DATA

10

ORIGINAL

14307 Jarrettsville Pike BA814486

C1 ∅8621 SEQUENCE NO (DEP USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER

PERMIT NO. FROM PERMIT TO DRILL WELL: BA-81-4486

DATE Received: APR 28 1986

DATE WELL COMPLETED: 2 28 86

Depth of Well: 300 (TO NEAREST FOOT)

OWNER: Palmisano (last name) Michael (first name) TOWN Balto 21234

STREET OR RFD: 9621 Harford Rd

SUBDIVISION: Jarrettsville Pike SECTION ______ LOT ______

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Overburden	0	46	
Gray Rock	46	300	X

CIRCLE APPROPRIATE LETTER
- A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
- E ELECTRIC LOG OBTAINED
- P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

DRILLERS IDENT NO: 120

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION): [signature]

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee): [signature]

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): Y (yes) N (no) — Y circled

TYPE OF GROUTING MATERIAL: CEMENT CM (circled) BENTONITE CLAY BC

NO OF BAGS: 7 NO OF POUNDS: 700

GALLONS OF WATER: 42

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft (TOP) to 46 ft (BOTTOM) (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	46

OTHER CASING (if used): diameter inch / depth (feet) from / to

SCREEN RECORD
screen type or open hole insert appropriate code below: ST STEEL, BR BRASS BRONZE, HO OPEN HOLE, PL PLASTIC, OT OTHER

C 2

		DEPTH (nearest ft)	
1	HO	46	300
2			
3			

SLOT SIZE

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK from ______ to ______

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

DEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T TELESCOPE CASING (E R O S) LOG INDICATOR W G OTHER DATA

C 3

PUMPING TEST
HOURS PUMPED (nearest hour): 6

PUMPING RATE (gal. per min to nearest gal.): 15

METHOD USED TO MEASURE PUMPING RATE: Submersible

WATER LEVEL (distance from land surface)
BEFORE PUMPING: 41
WHEN PUMPING: 286

TYPE OF PUMP USED (for test): A air, P piston, T turbine, C centrifugal, R rotary, O other (describe below), J jet, S submersible (circled)

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): YES NO — NO circled

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX SEE ABOVE

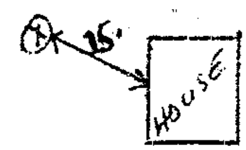
CAPACITY GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft)

CASING HEIGHT (circle appropriate box and enter casing height): + above (circled) / − below LAND SURFACE: 1 (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



ORIGINAL

14311 Jarrettsville Pike BA881665

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

COUNTY NUMBER

ST/CO USE ONLY
DATE Received: DEC 12 1989

DATE WELL COMPLETED: 11/28/89

Depth of Well: 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": BA-88-1665

OWNER: S. L. KIMBALL CO., INC. (last name, first name)
STREET OR RFD: 3507 Hampshire Glen Ct. TOWN: Phoenix 21131
SUBDIVISION: 14311 Jarrettsville Pike SECTION LOT

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Overburden	0	15	
Brown Shale	15	19	
Gray Rock	19	300	X

Well No. 1 - 500' - DRY
(BACKFILLED)

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box): Y (yes) / N (no) — Y circled
TYPE OF GROUTING MATERIAL: CEMENT CM (circled) / BENTONITE CLAY BC
NO. OF BAGS 5 NO. OF POUNDS 500
GALLONS OF WATER 30
DEPTH OF GROUT SEAL (to nearest foot): from 0 ft (TOP) to 20 ft (BOTTOM) (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	20

OTHER CASING (if used): diameter inch; depth (feet) from to

SCREEN RECORD

screen type or open hole insert appropriate code below: ST STEEL, BR BRASS BRONZE, HO OPEN HOLE, PL PLASTIC, OT OTHER

C2

EACH SCREEN	Type	DEPTH (nearest ft.) from	to
1	HO	20	300
2			
3			

SLOT SIZE 1.__ 2.__ 3.__
DIAMETER OF SCREEN (NEAREST INCH)
GRAVEL PACK from to
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

PUMPING TEST

C3

HOURS PUMPED (nearest hour): 3
PUMPING RATE (gal per min to nearest gal.): 5
METHOD USED TO MEASURE PUMPING RATE: submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING: 40
WHEN PUMPING: 235

TYPE OF PUMP USED (for test): A air, P piston, T turbine, C centrifugal, R rotary, O other (describe below), J jet, S submersible (circled)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height): + above / − below LAND SURFACE: 1 (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

N

CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT NO. 399

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
TELESCOPE CASING; LOG INDICATOR; OTHER DATA

10

3410 Sweet Air Rd BA813442

May-15-2006 08:07am From-MDE WMA 410 537 3163 T-802 P 004/005 F-862

THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 ON ALL CARDS

PLEASE PRINT OR TYPE

NUMBER

PERMIT NO. FROM PERMIT TO DRILL WELL: BA-87-3442

DATE RECEIVED

DATE WELL COMPLETED: 6 30 5 85

Depth of Well: 35 (GO NEAREST FOOT)

OWNER: Jacksonville Vet Hospital (last name) (first name)

STREET OR RFD: P.O. Box 8 TOWN: Phoenix 21131

SUBDIVISION: 3410 Sweet Air Rd SECTION LOT

WELL LOG

(Not required for driven wells)

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
#1 brown dirt	0	30	
gray rock	30	350	
#2 brown dirt	0	14	
soft brown rock	14	35	
gray rock	35	150	

Dry hole abandoned & sealed.

CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 9

Earl Jones

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

Earl Jones

SITE SUPERVISOR (sign. of driller, or journeyman, responsible for sitework if different from permittee)

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 75 NO. OF POUNDS

GALLONS OF WATER 75

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 35 ft. (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE | Nominal diameter top (main) casing (nearest inch) | Total depth of main casing (nearest foot)

OTHER CASING (if used) diameter inch | depth (feet) from | to

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL BR BRASS BRONZE HO OPEN HOLE PL PLASTIC OT OTHER

C 2

EACH SCREEN — DEPTH (nearest ft.)

SLOT SIZE 1 ___ 2 ___ 3 ___

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK from to

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T TELESCOPE CASING | (E) LOC INDICATOR | WQ OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min. to nearest gal.)

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

TYPE OF PUMP USED (for test)

A air | P piston | T turbine

C centrifugal | R rotary | O other (describe below)

J jet | S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

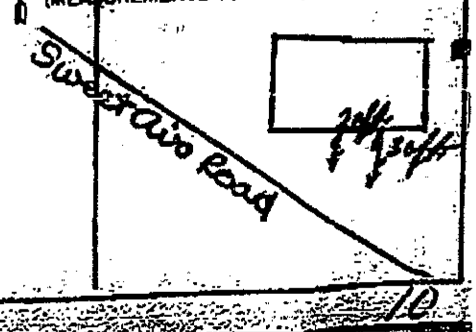
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

+ above / − below LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



10

ORIGINAL

APPENDIX D
Near Northeast Area Downhole Geophysical Logs

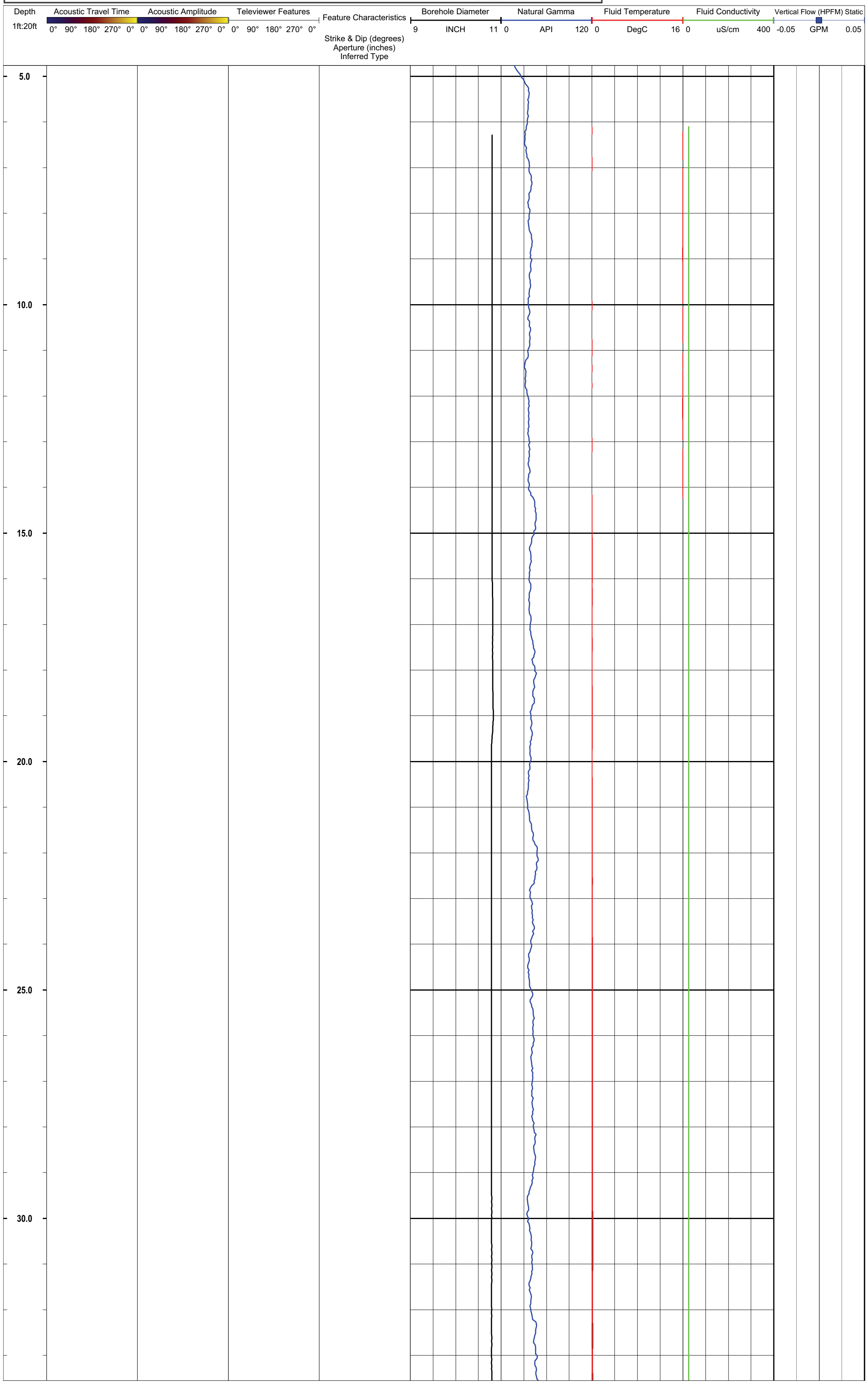
Mid-Atlantic Geosciences

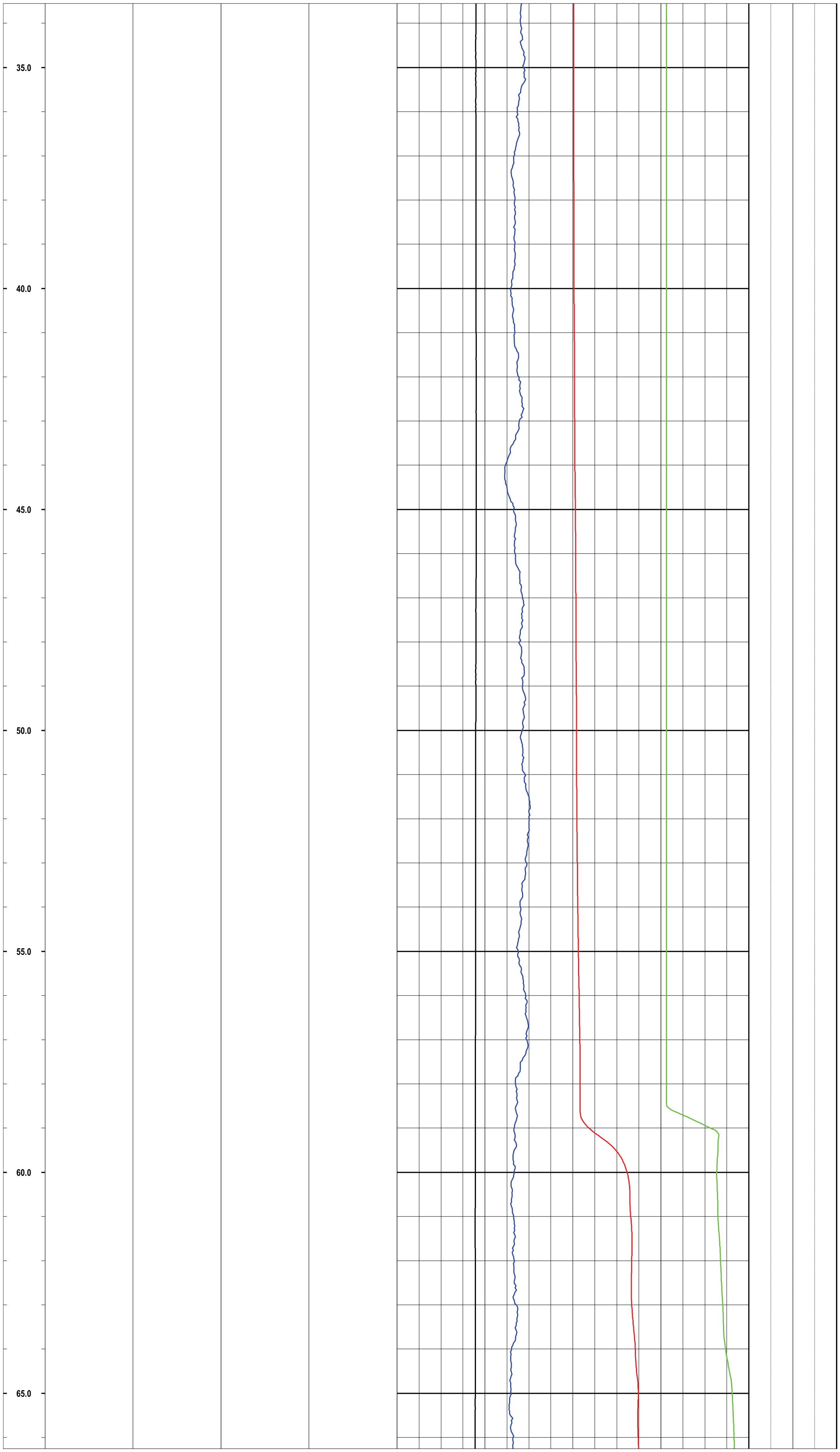
Title: *Televiewer, Geophysical, and Flowmeter Logs*

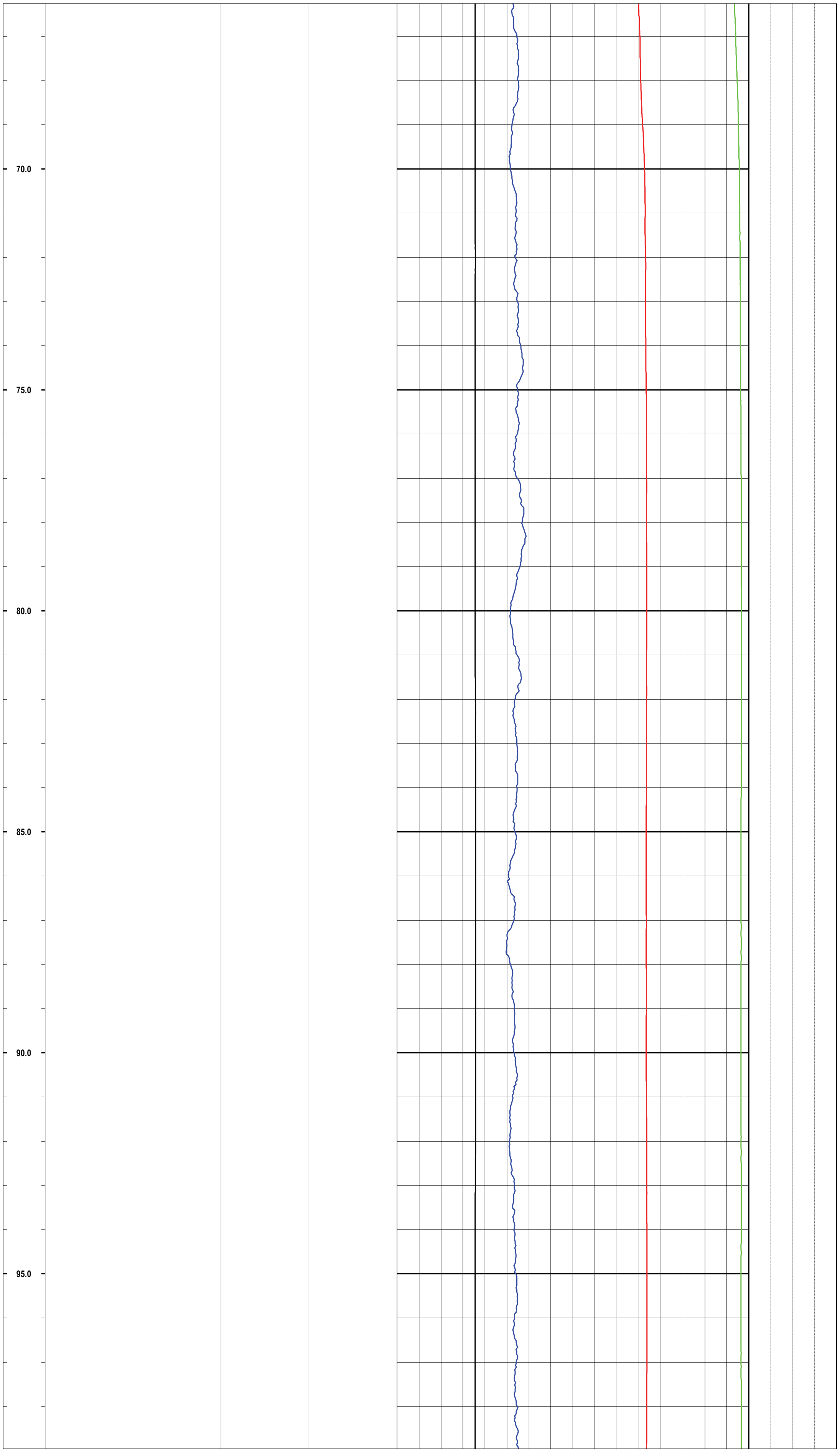
WELL ID *MW-36C*

Logging Date: *01.04.2011*
Logging Datum: *Ground Surface*
BOC: *122.5'* **DTW:** *58.7'* **TD:** *297.4'*

Site Name: *Jarrettsville Pike and Paper Mill Road*
Location: *Phoenix, MD*
Client: *Kleinfelder*
Project No.: *101042*
Revision Date: *02.22.2011*




35.0
40.0
45.0
50.0
55.0
60.0
65.0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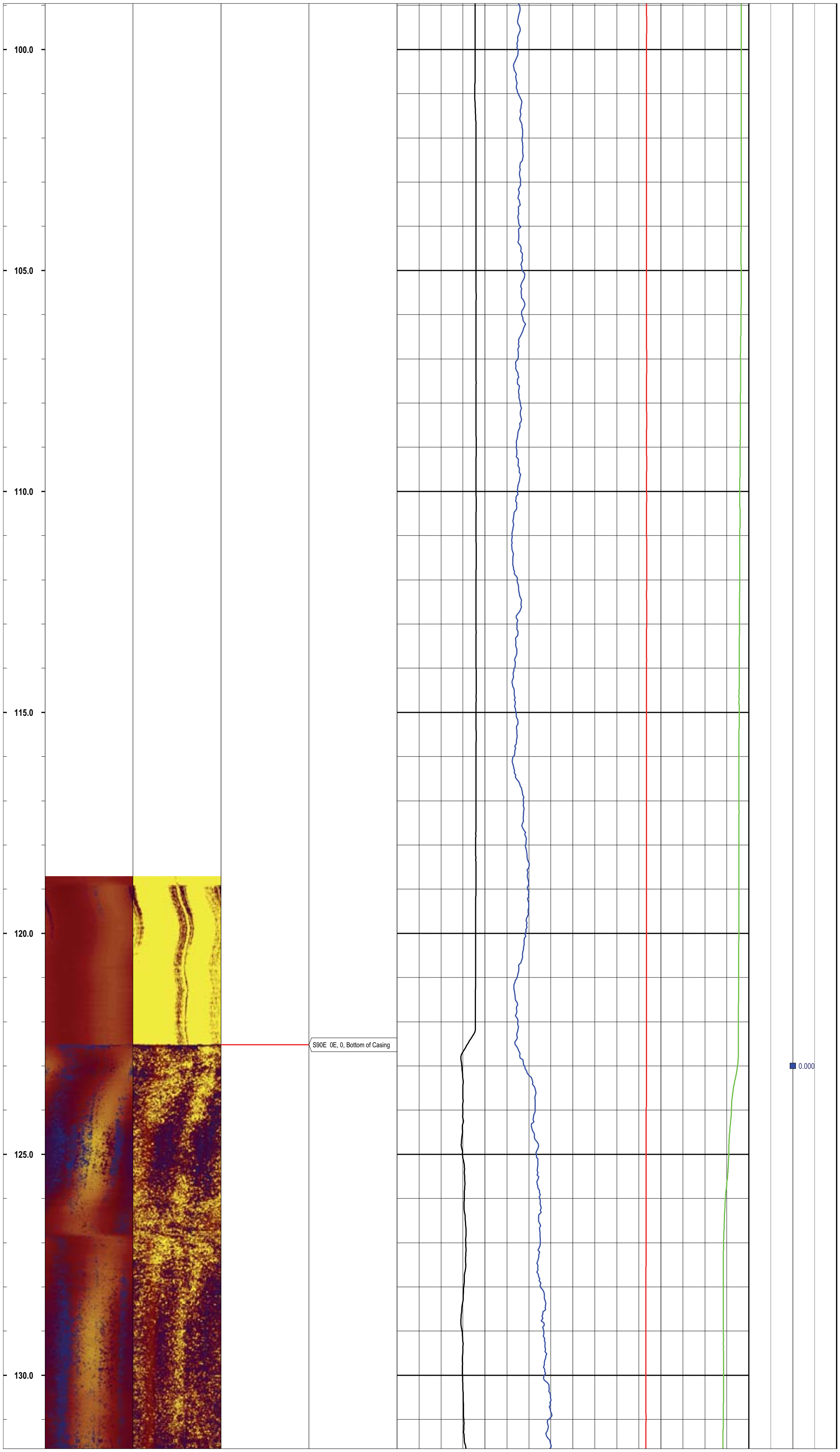
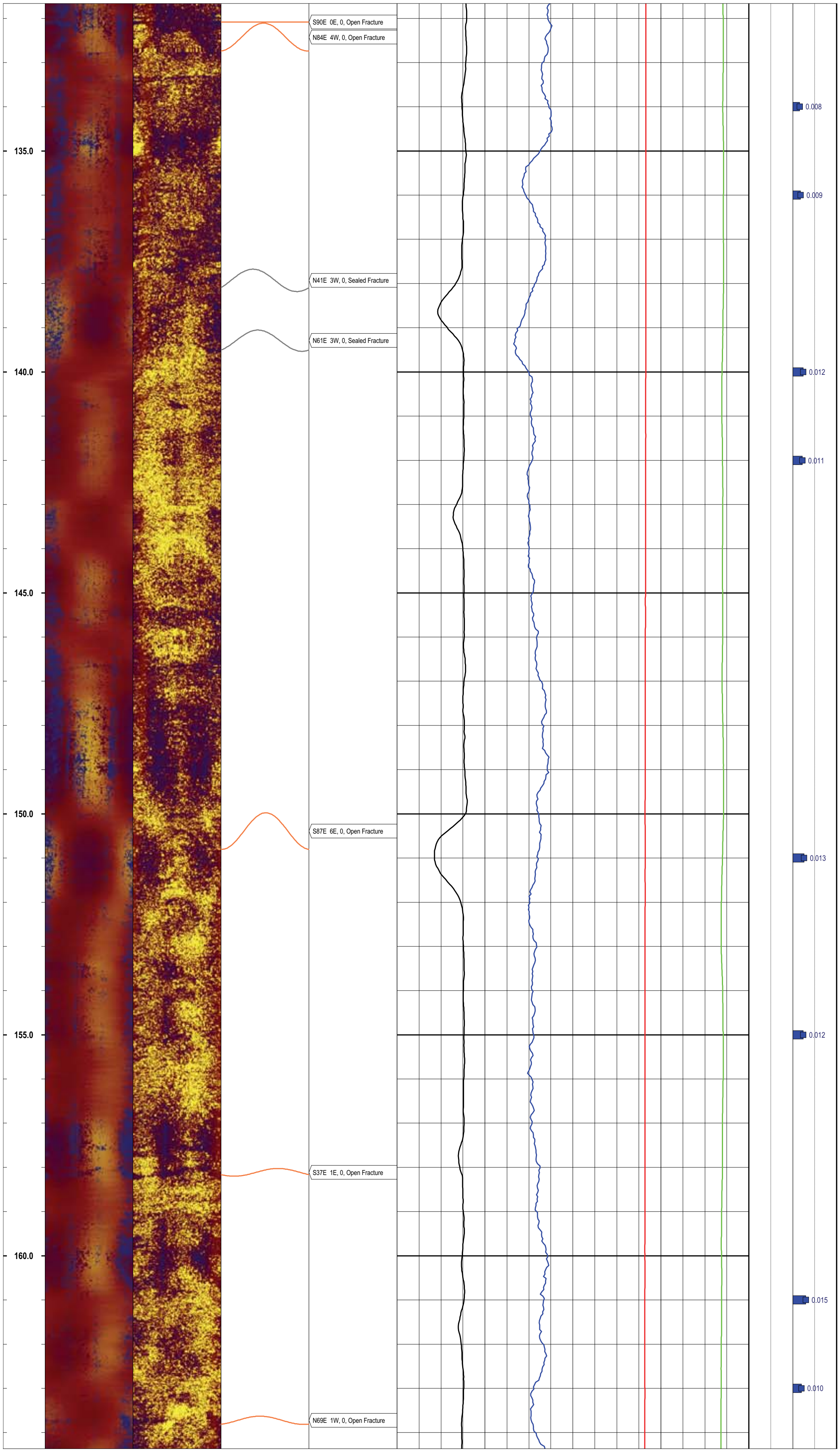
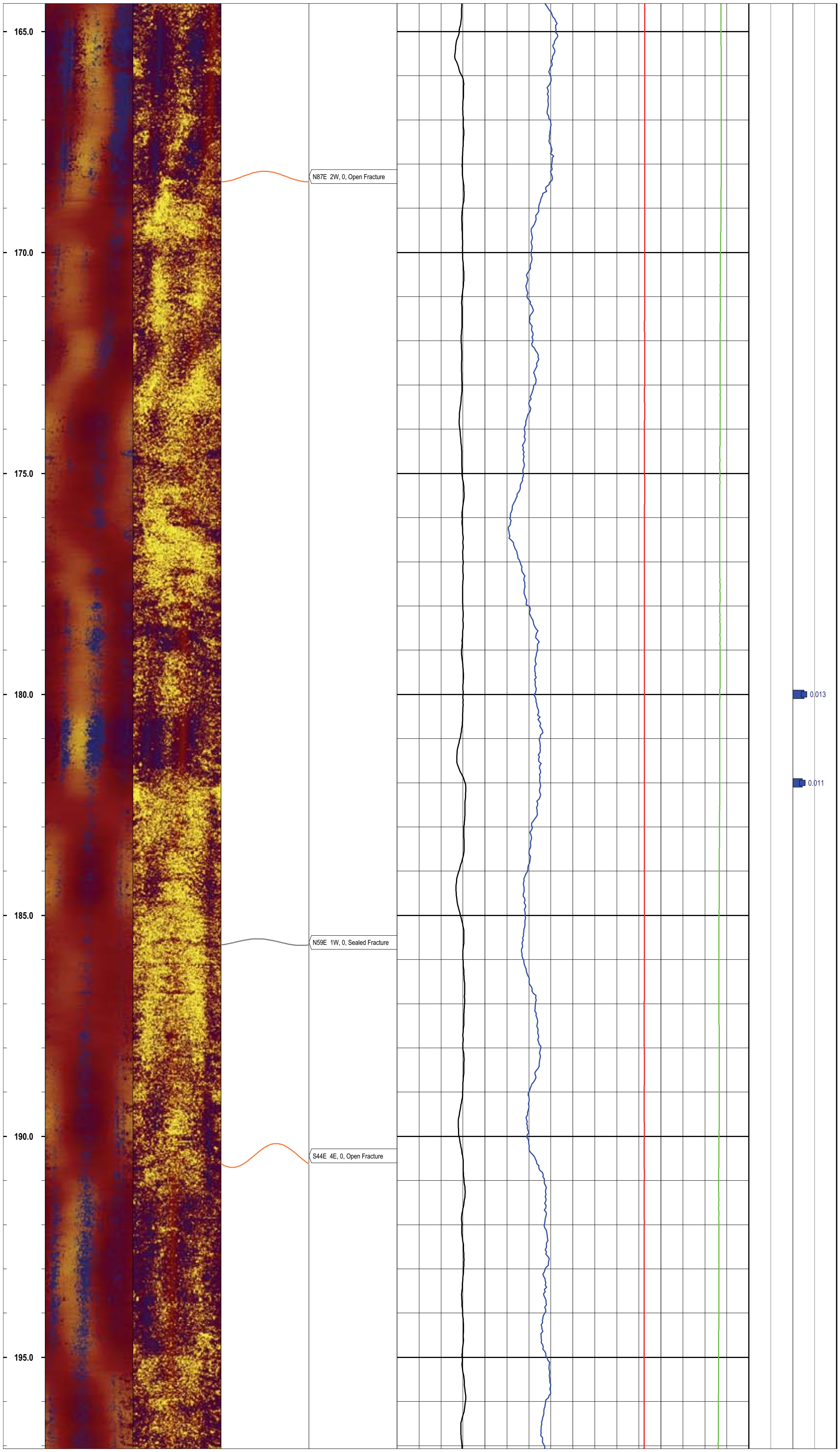
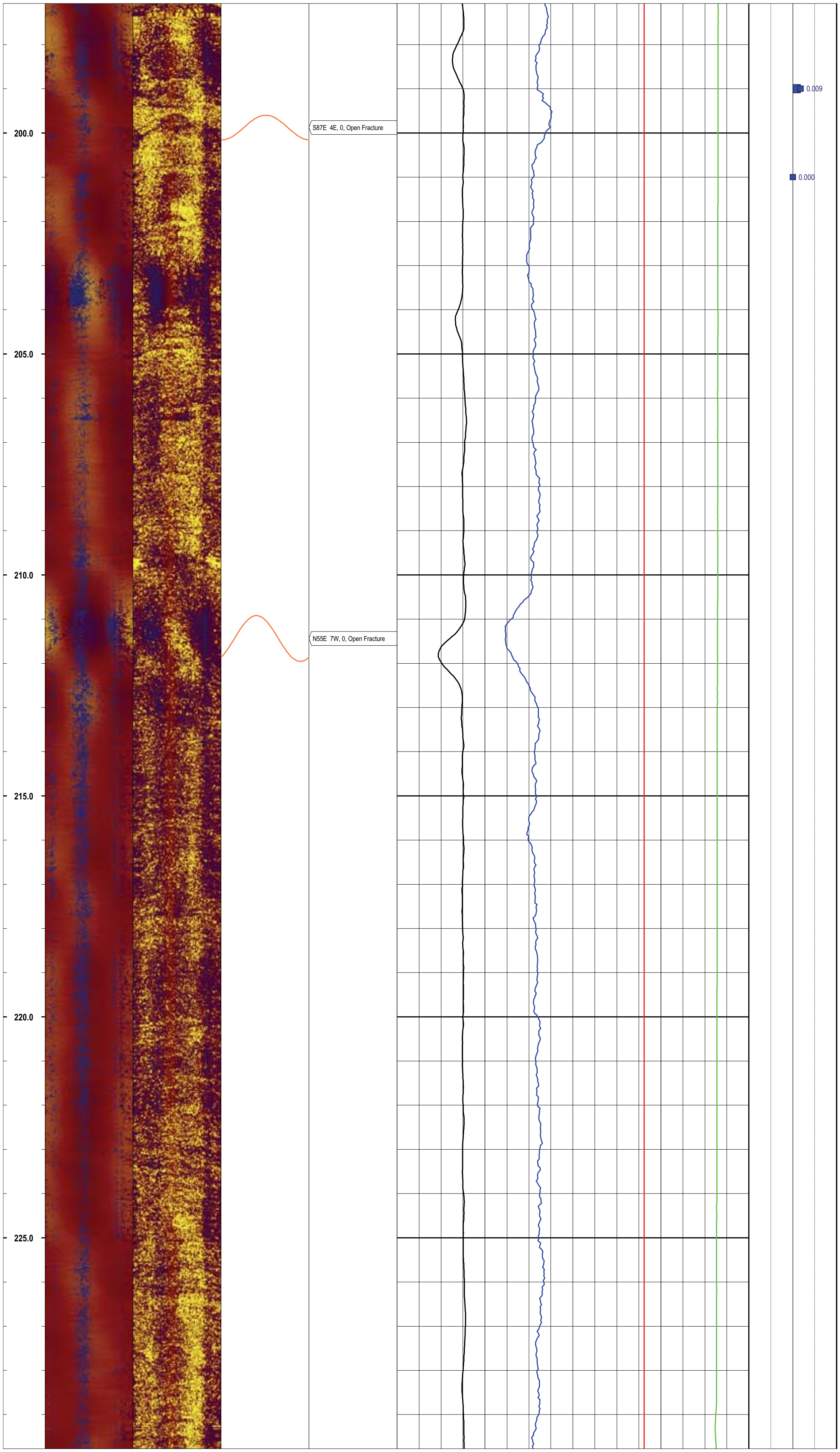
75.0
80.0
85.0
90.0
95.0


100.0
105.0
110.0
115.0
120.0
S90E 0E, 0, Bottom of Casing
0.000
125.0
130.0


135.0
140.0
145.0
150.0
155.0
160.0
S90E 0E, 0, Open Fracture
N84E 4W, 0, Open Fracture
N41E 3W, 0, Sealed Fracture
N61E 3W, 0, Sealed Fracture
S87E 6E, 0, Open Fracture
S37E 1E, 0, Open Fracture
N69E 1W, 0, Open Fracture
0.008
0.009
0.012
0.011
0.013
0.012
0.015
0.010


165.0
170.0
175.0
180.0
185.0
190.0
195.0
N87E 2W, 0, Open Fracture
N59E 1W, 0, Sealed Fracture
S44E 4E, 0, Open Fracture
0.013
0.011


200.0
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210.0
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220.0
225.0
S87E 4E, 0, Open Fracture
N55E 7W, 0, Open Fracture
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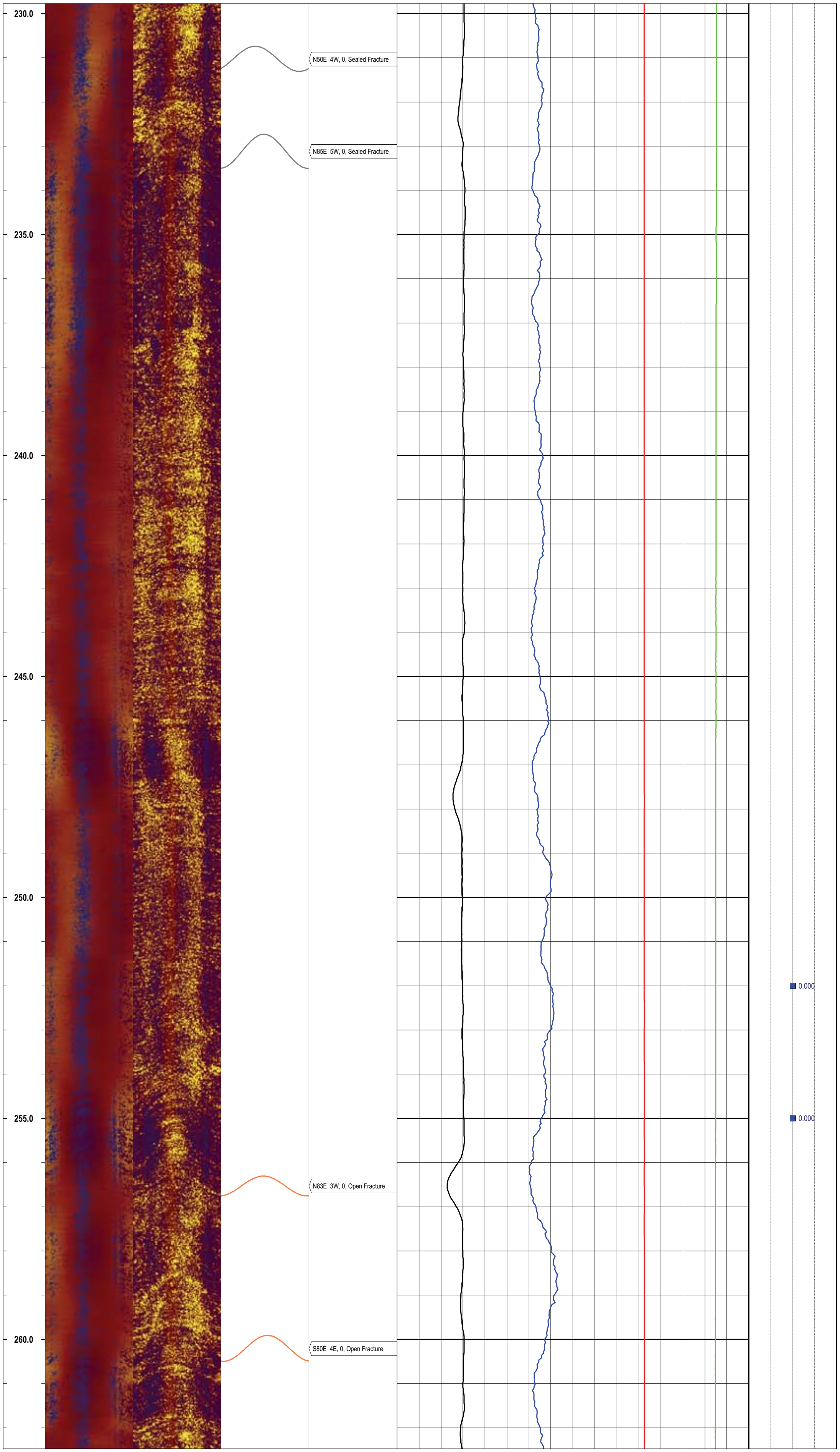
0.000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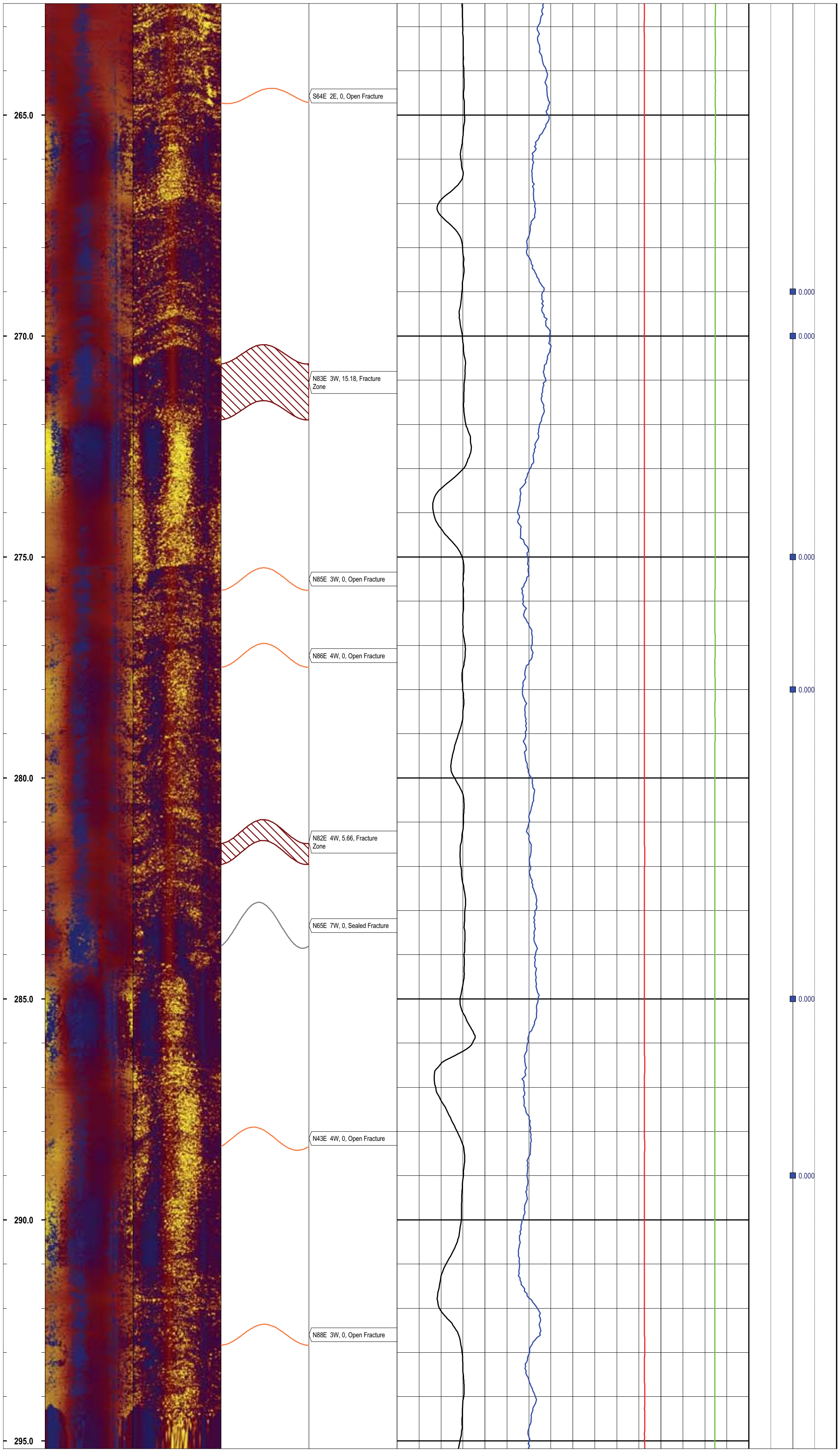
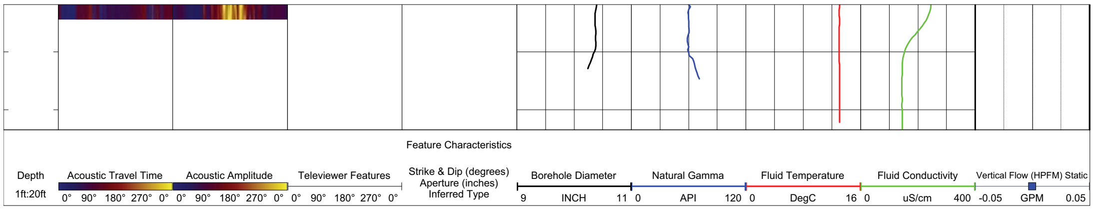
235.0
240.0
245.0
250.0
255.0
260.0
N50E 4W, 0, Sealed Fracture
N85E 5W, 0, Sealed Fracture
N83E 3W, 0, Open Fracture
S80E 4E, 0, Open Fracture
0.000
0.000



265.0
270.0
275.0
280.0
285.0
290.0
295.0
S64E 2E, 0, Open Fracture
N83E 3W, 15.18, Fracture Zone
N85E 3W, 0, Open Fracture
N86E 4W, 0, Open Fracture
N82E 4W, 5.66, Fracture Zone
N65E 7W, 0, Sealed Fracture
N43E 4W, 0, Open Fracture
N88E 3W, 0, Open Fracture
0.000
0.000
0.000
0.000
0.000
0.000



Feature Characteristics
Depth
1ft:20ft
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Borehole Diameter
9 INCH 11
Natural Gamma
0 API 120
Fluid Temperature
0 DegC 16
Fluid Conductivity
0 uS/cm 400
Vertical Flow (HPFM) Static
-0.05 GPM 0.05

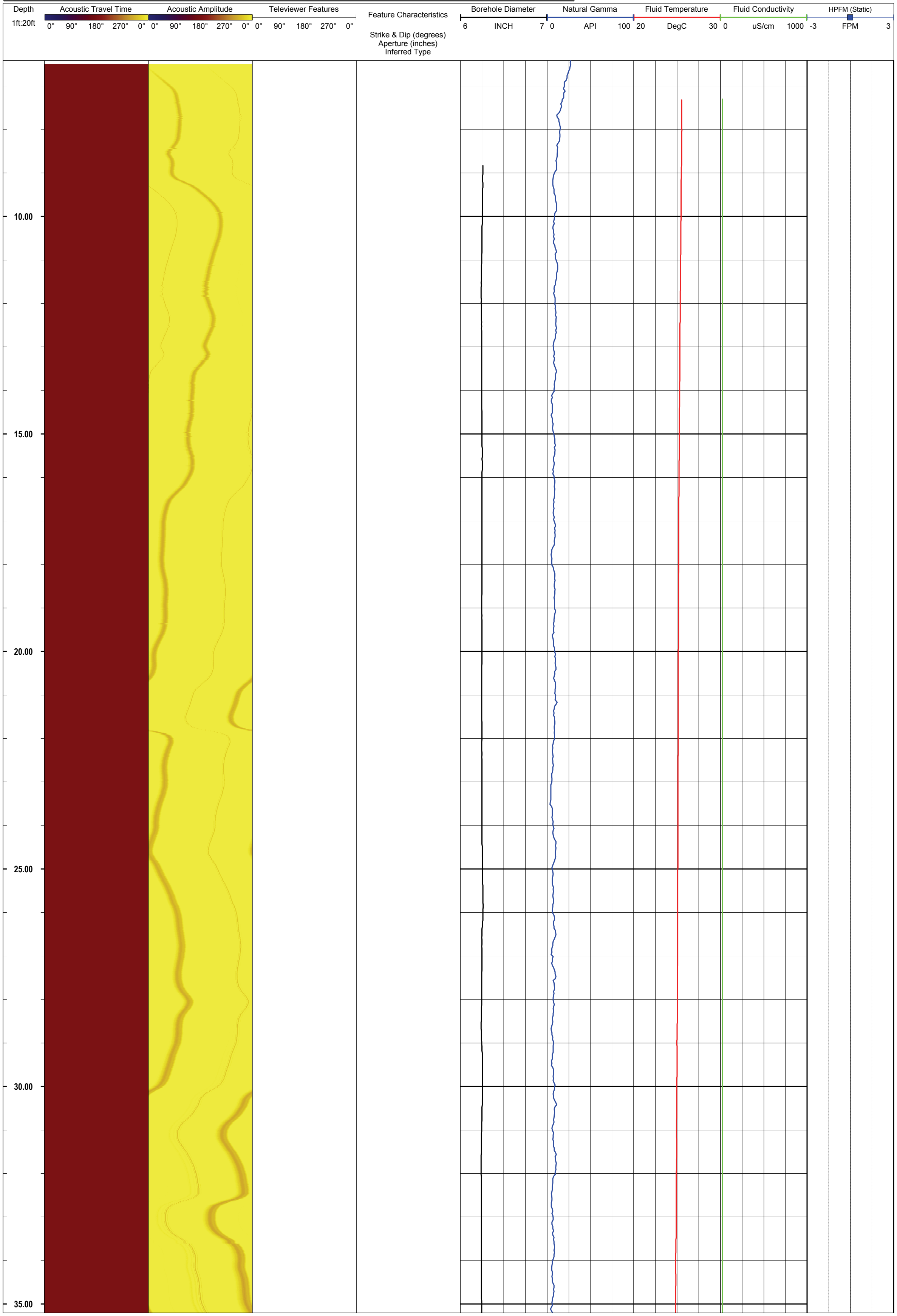
Mid-Atlantic Geosciences

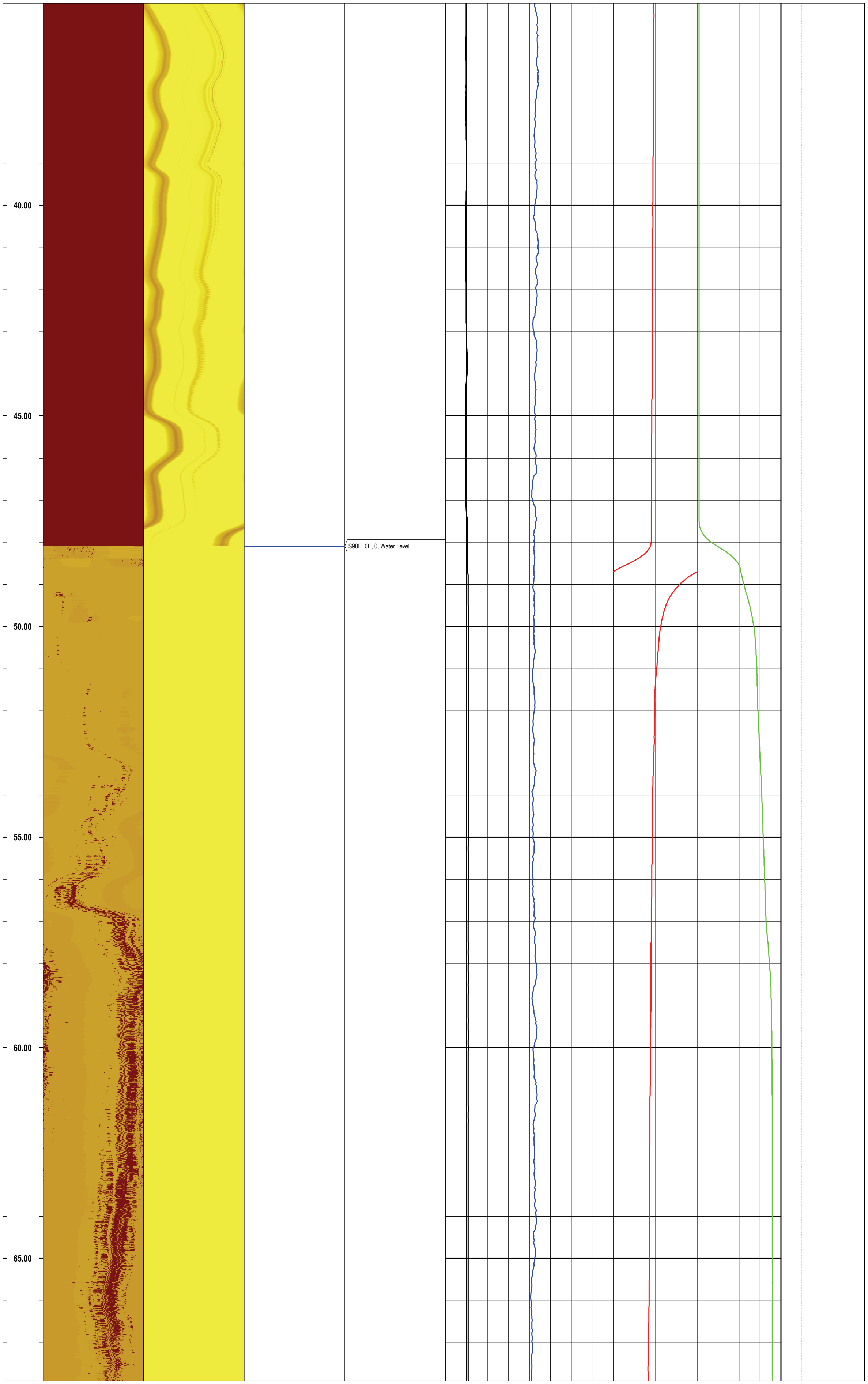
Title: *Televiewer, Geophysical, and Flowmeter Logs*

WELL ID *MW-38B*

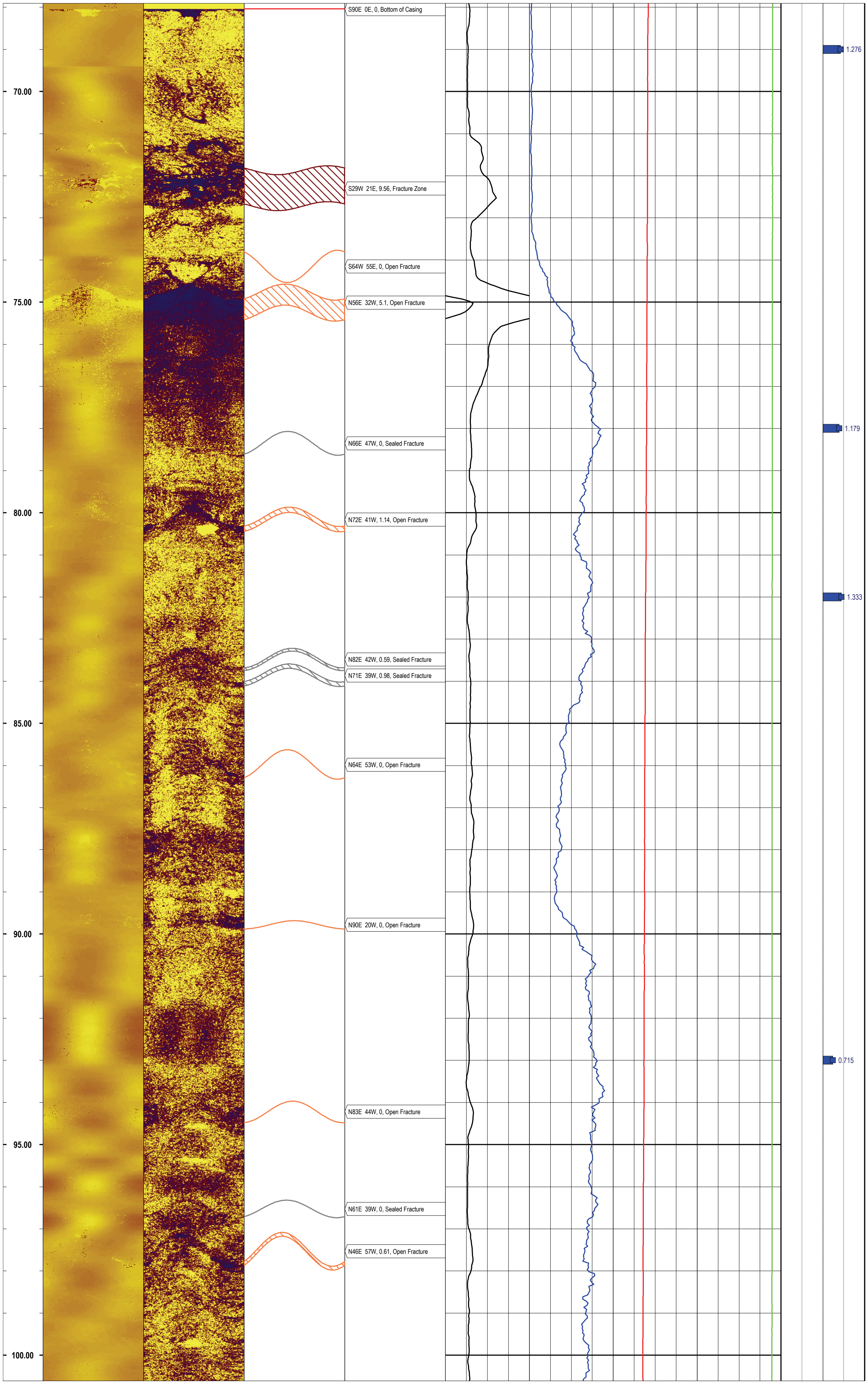
Logging Date: *06.23.2011*
Logging Datum: *Ground Surface*
BOC: *68'* **DTW:** *48.1'* **TD:** *124.7'*

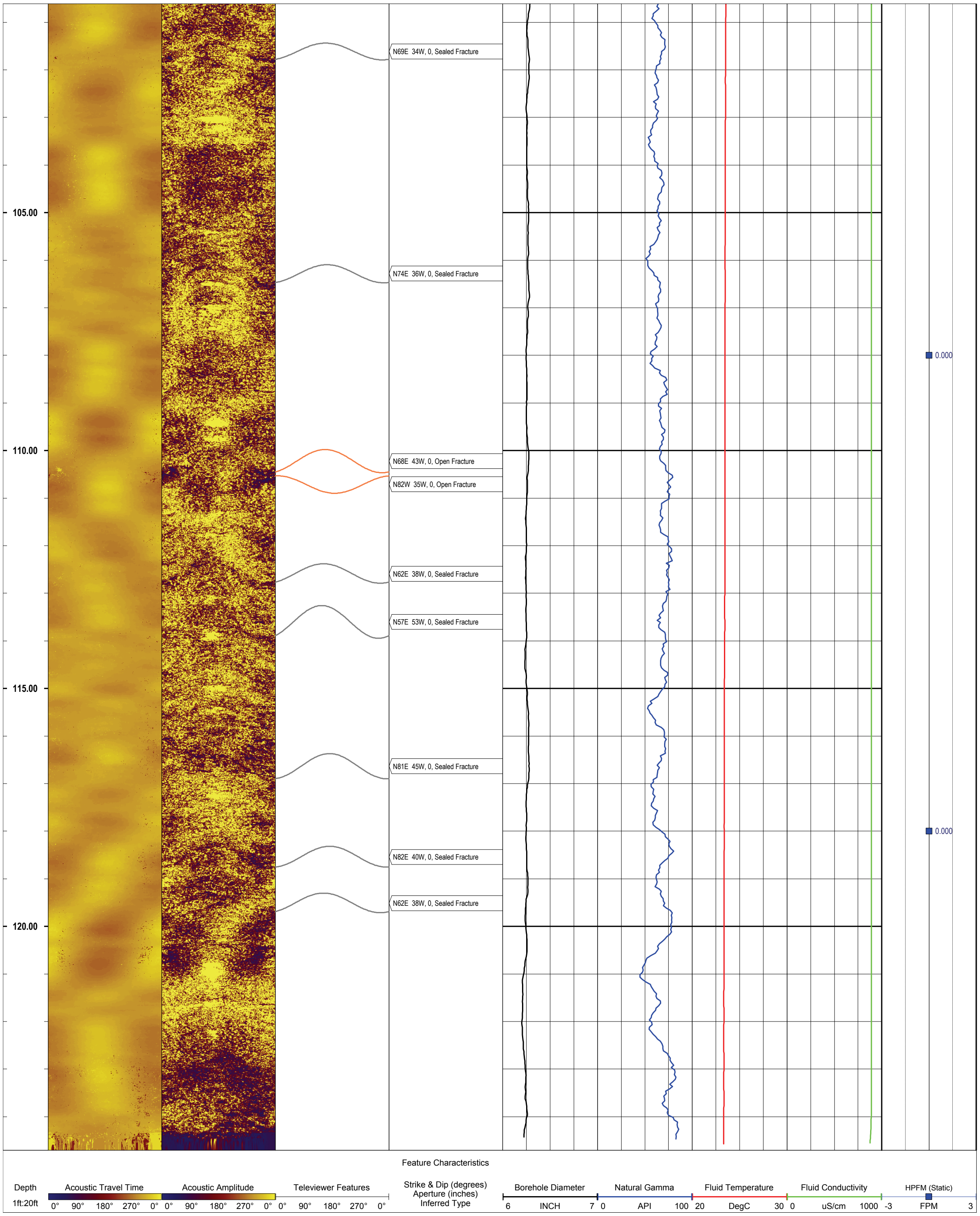
Site Name:
Location: *Phoenix, MD*
Client: *Kleinfelder*
Project No.: *051144*
Revision Date: *07.07.2011*





40.00
45.00
S90E 0E, 0, Water Level
50.00
55.00
60.00
65.00


70.00
75.00
80.00
85.00
90.00
95.00
100.00
S90E 0E, 0, Bottom of Casing
S29W 21E, 9.56, Fracture Zone
S64W 55E, 0, Open Fracture
N56E 32W, 5.1, Open Fracture
N66E 47W, 0, Sealed Fracture
N72E 41W, 1.14, Open Fracture
N82E 42W, 0.59, Sealed Fracture
N71E 39W, 0.98, Sealed Fracture
N64E 53W, 0, Open Fracture
N90E 20W, 0, Open Fracture
N83E 44W, 0, Open Fracture
N61E 39W, 0, Sealed Fracture
N46E 57W, 0.61, Open Fracture
1.276
1.179
1.333
0.715



105.00
110.00
115.00
120.00
N69E 34W, 0, Sealed Fracture
N74E 36W, 0, Sealed Fracture
N68E 43W, 0, Open Fracture
N82W 35W, 0, Open Fracture
N62E 38W, 0, Sealed Fracture
N57E 53W, 0, Sealed Fracture
N81E 45W, 0, Sealed Fracture
N82E 40W, 0, Sealed Fracture
N62E 38W, 0, Sealed Fracture
0.000
0.000
Feature Characteristics
Depth
1ft:20ft
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Borehole Diameter
6 INCH 7
Natural Gamma
0 API 100
Fluid Temperature
20 DegC 30
Fluid Conductivity
0 uS/cm 1000
HPFM (Static)
-3 FPM 3

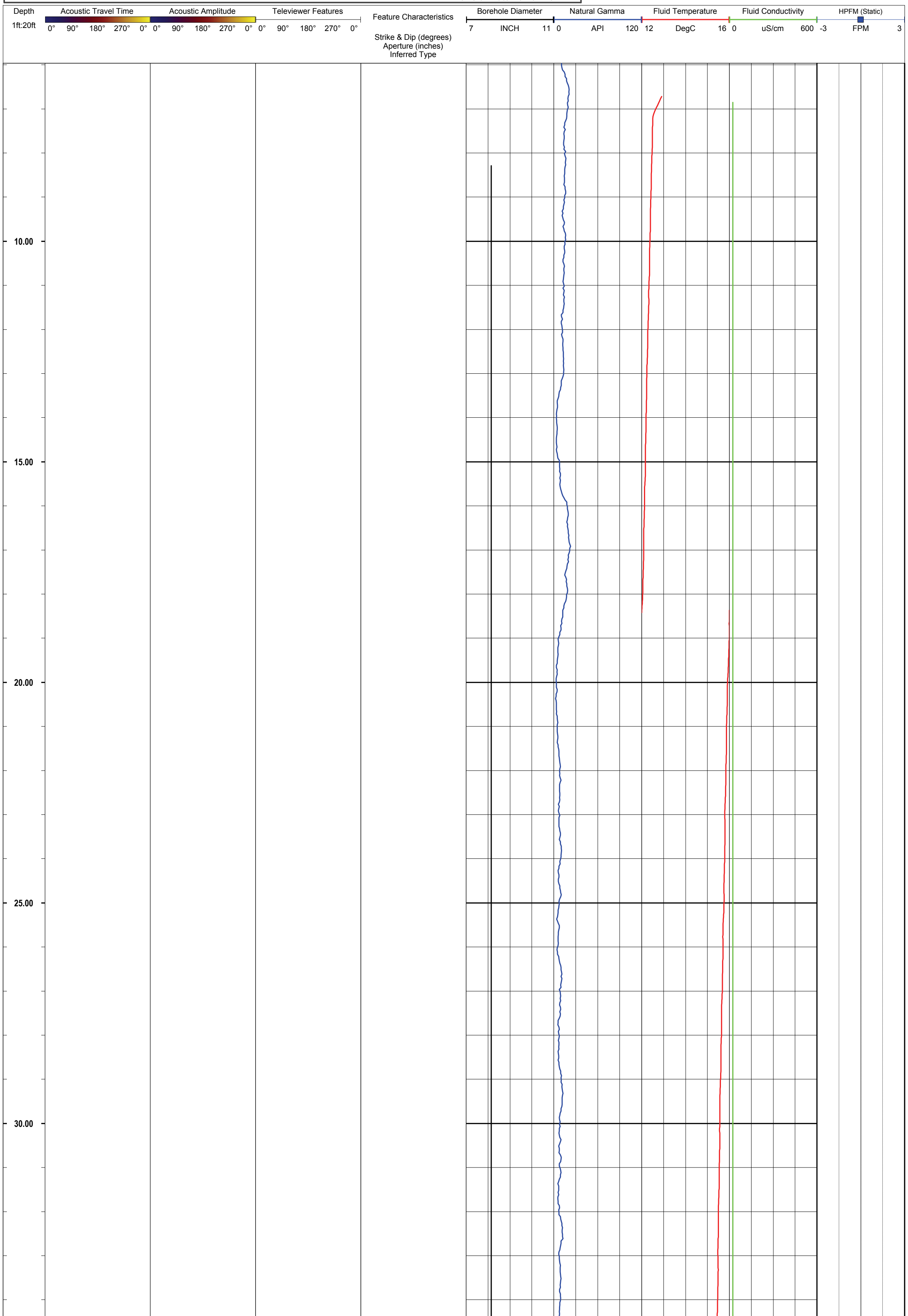
Mid-Atlantic Geosciences

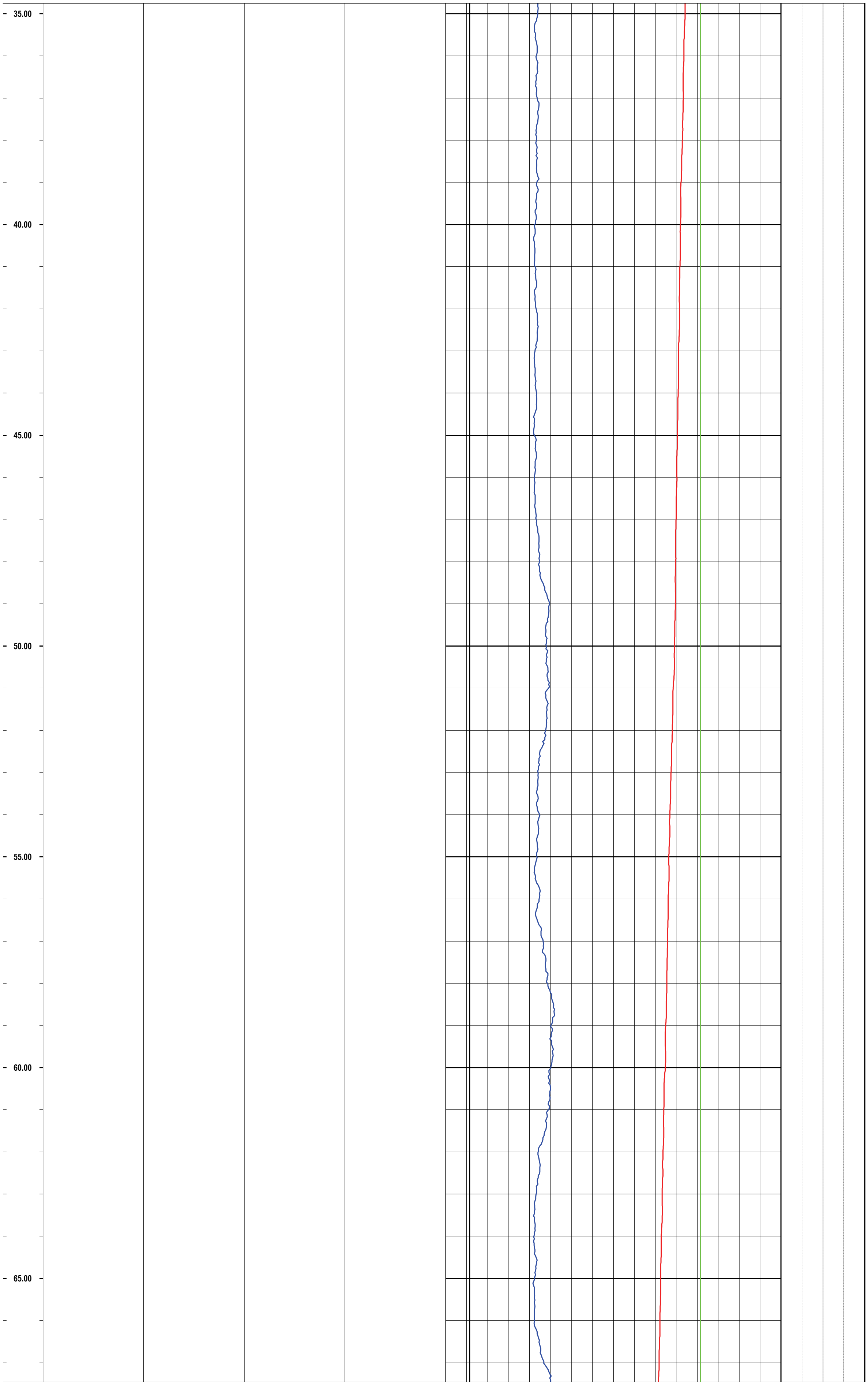
Title: *Televiewer, Geophysical, and Flowmeter Logs*

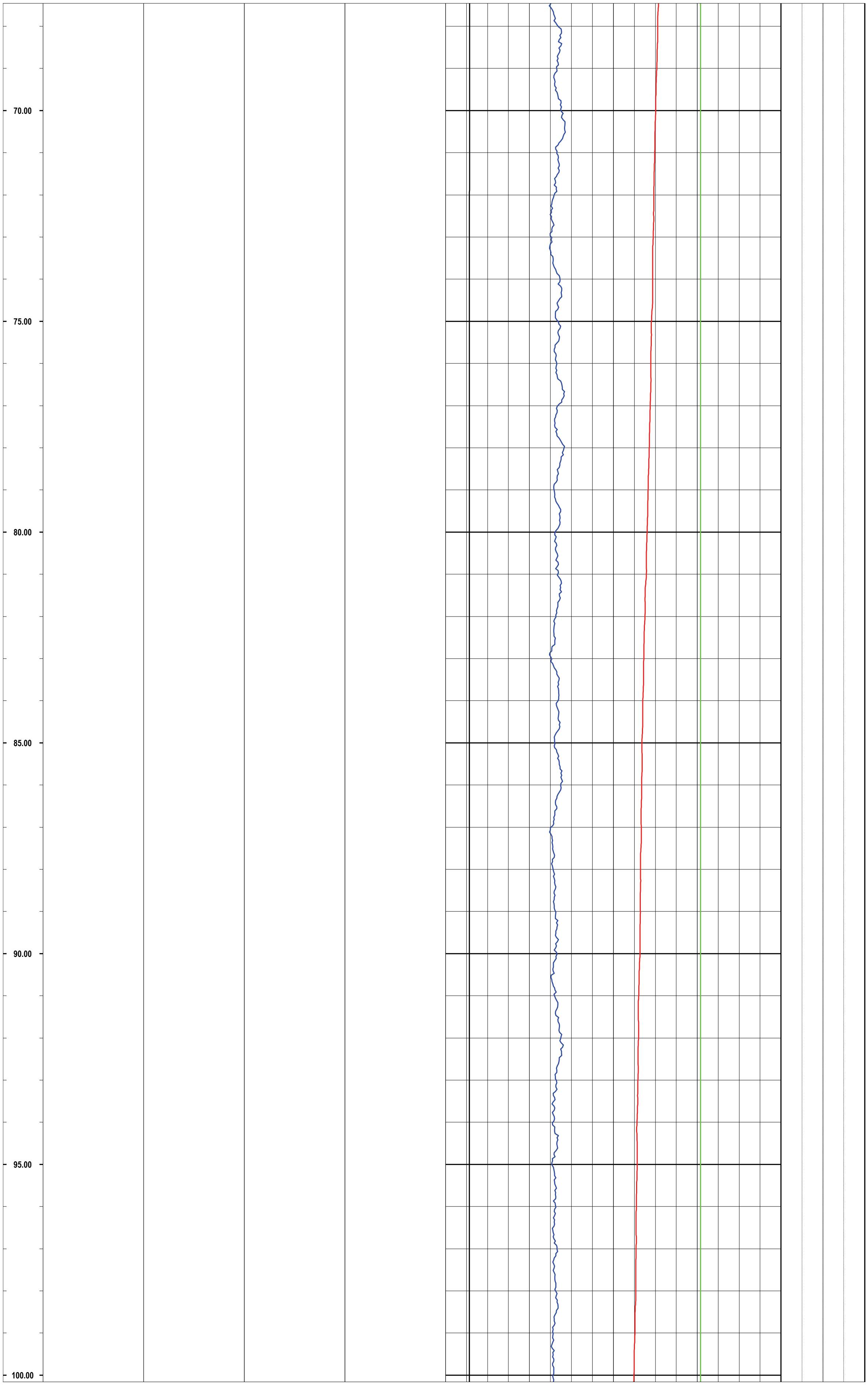
WELL ID *MW-38C*

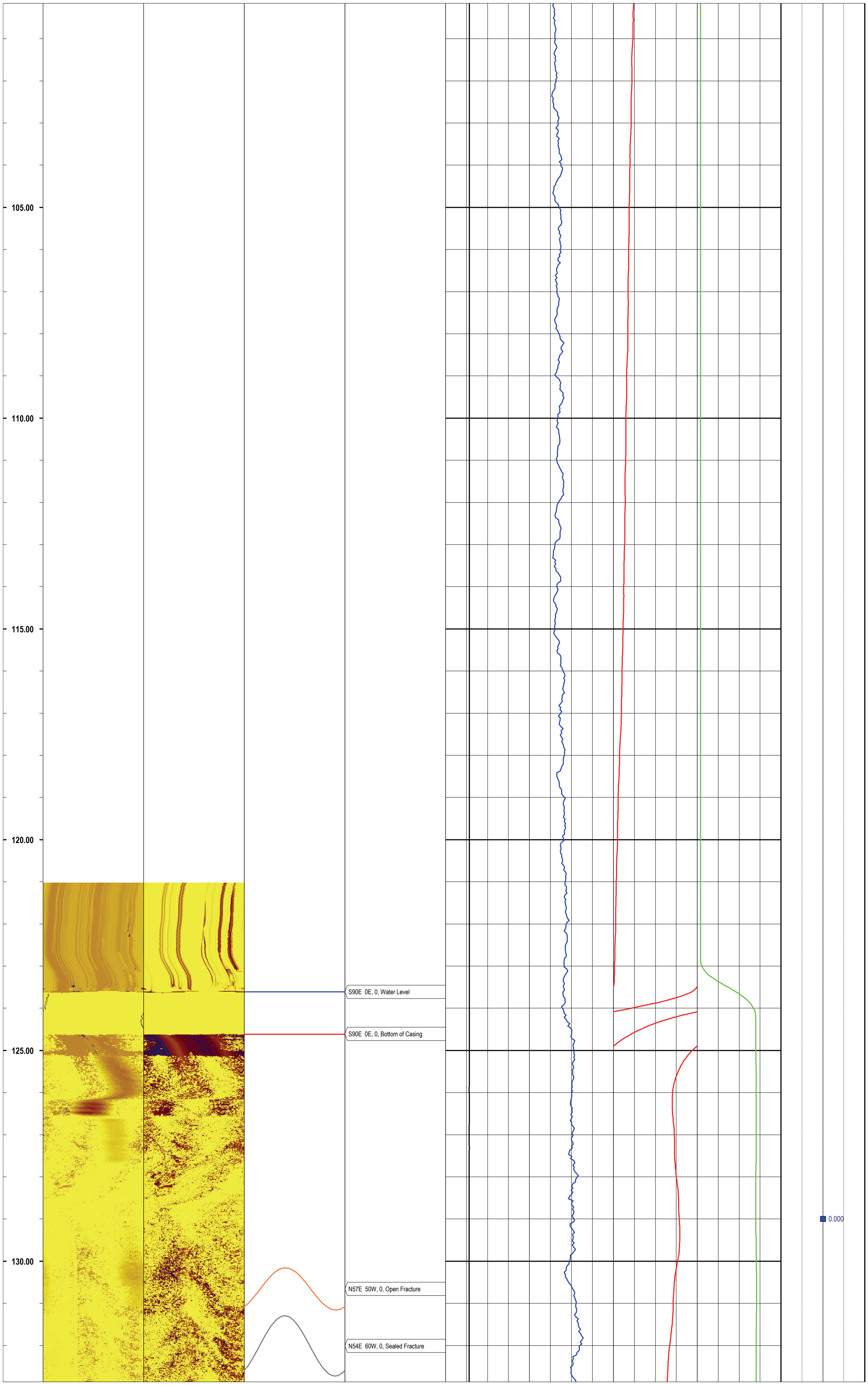
Logging Date: *06.23.2011*
Logging Datum: *Ground Surface*
BOC: *124.6'* **DTW:** *123.6'* **TD:** *297.4'*

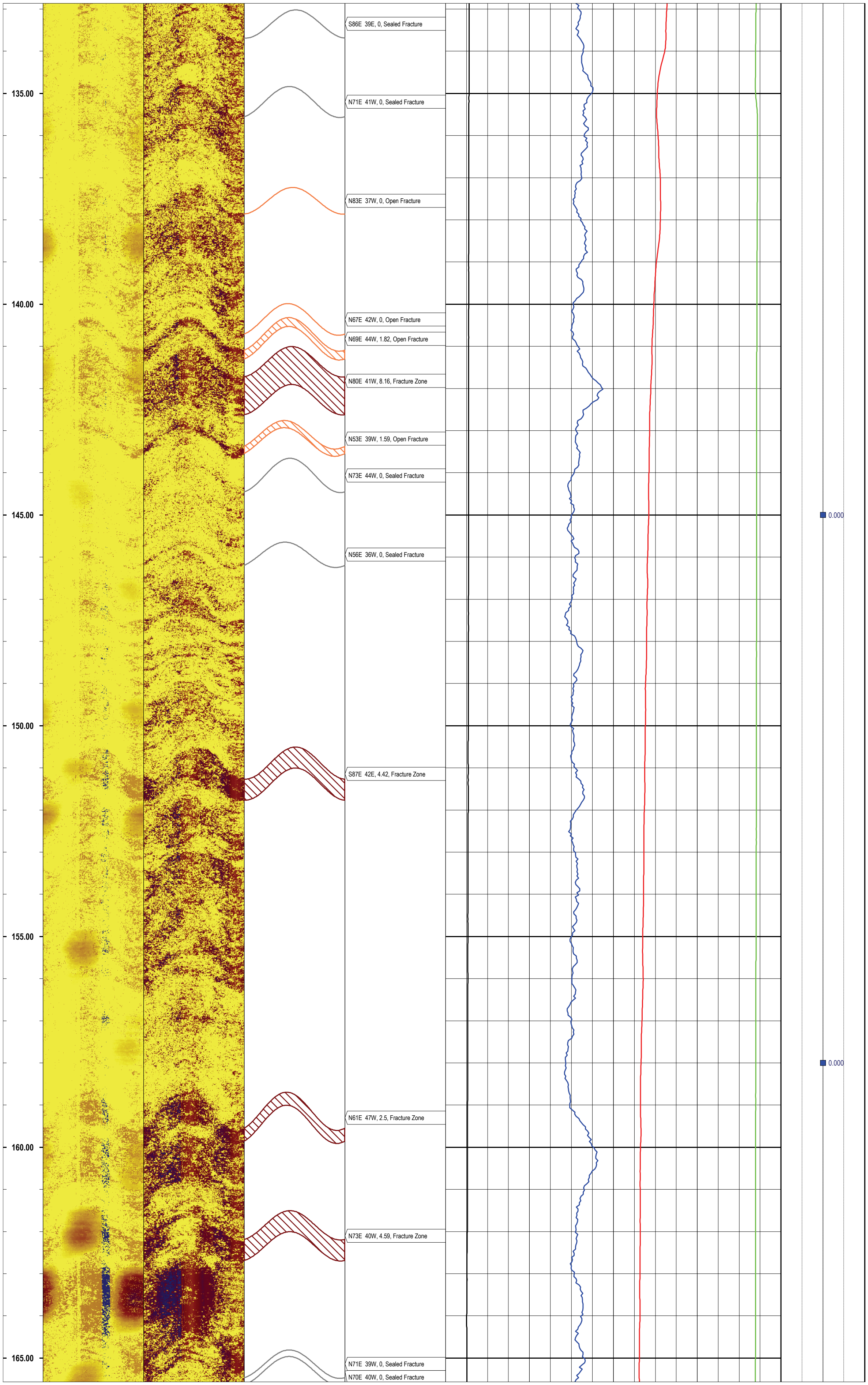
Site Name:
Location: *Phoenix, MD*
Client: *Kleinfelder*
Project No.: *051144*
Revision Date: *07.07.2011*



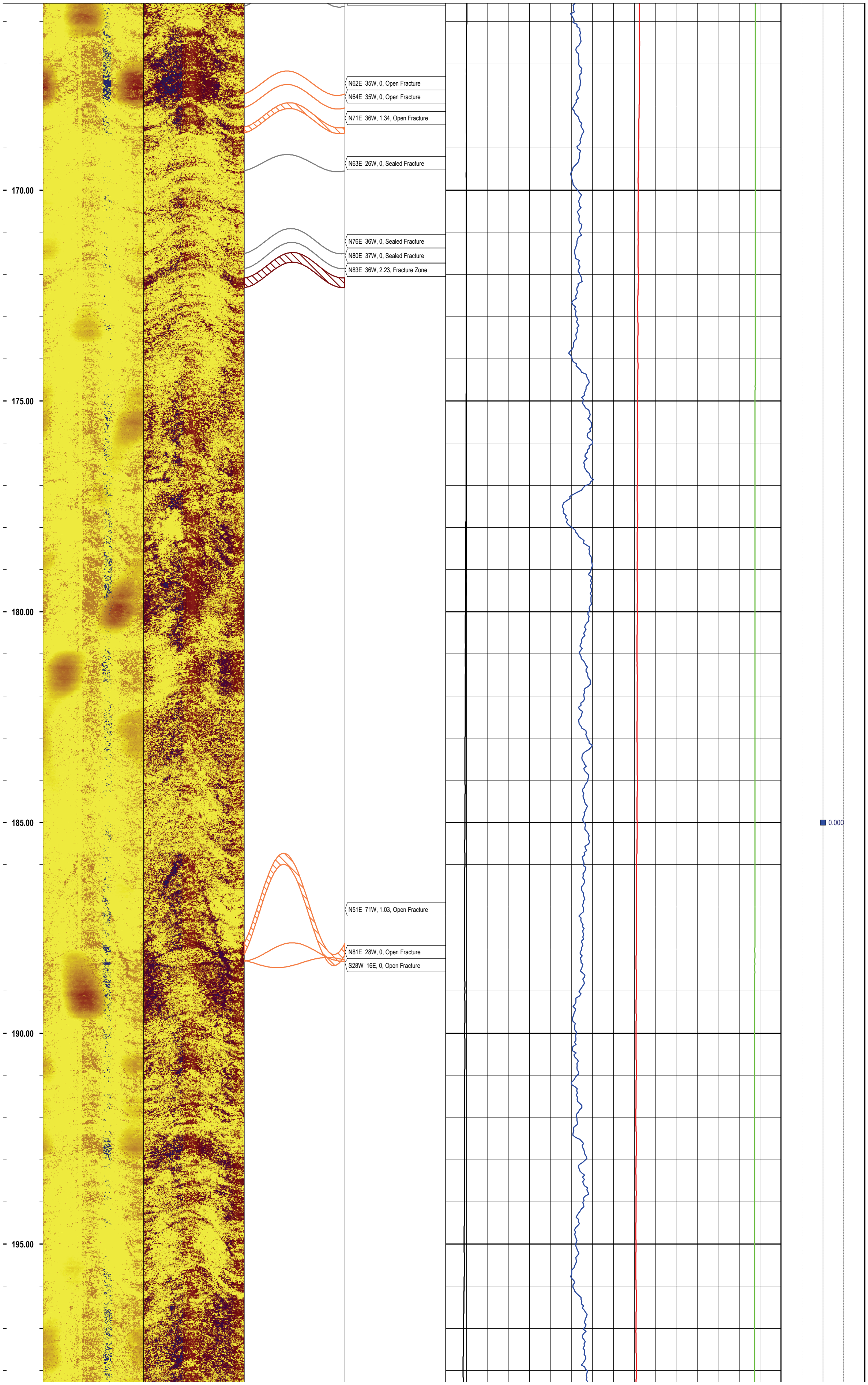

35.00
40.00
45.00
50.00
55.00
60.00
65.00


70.00
75.00
80.00
85.00
90.00
95.00
100.00

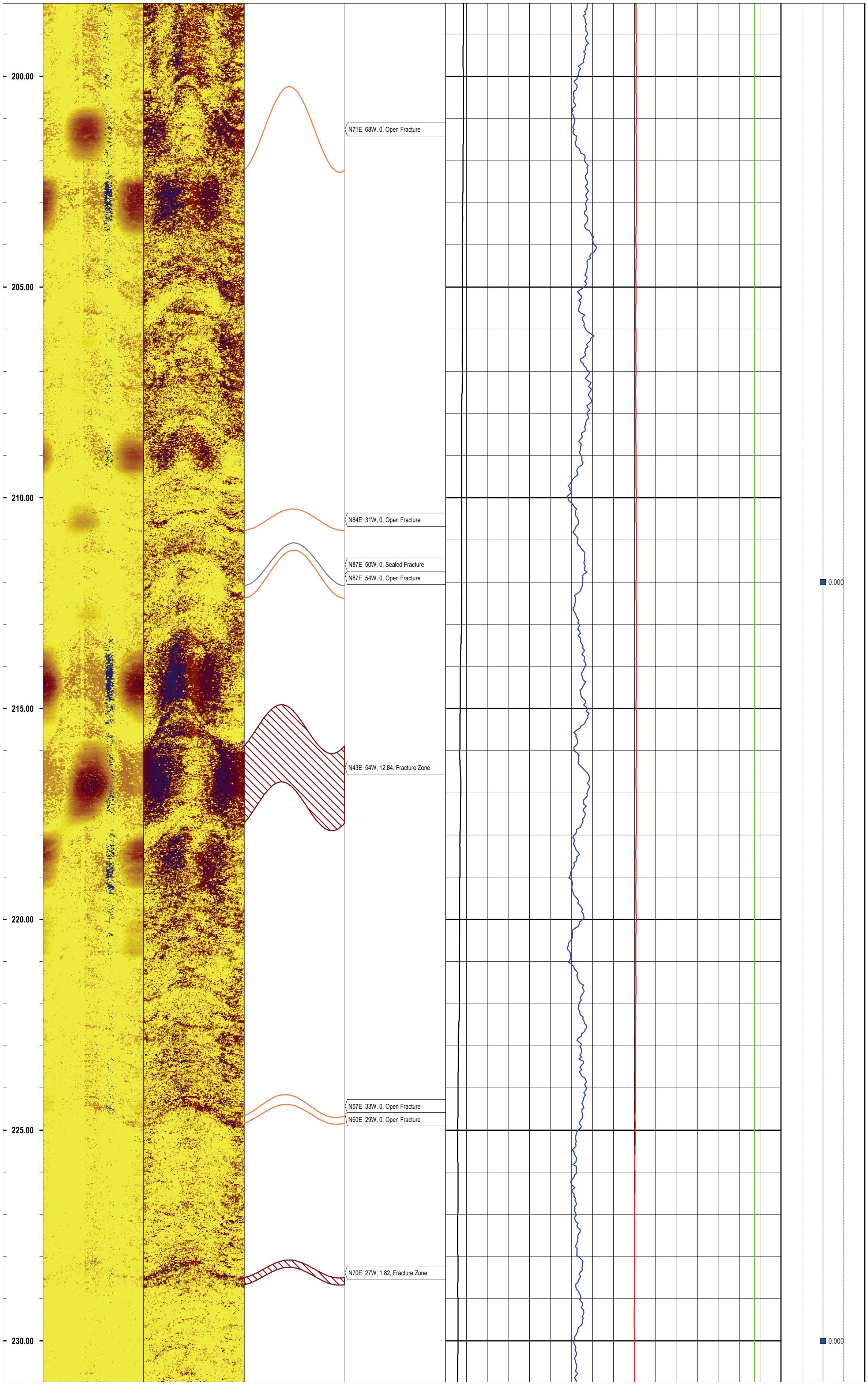

105.00
110.00
115.00
120.00
125.00
130.00
S90E 0E, 0, Water Level
S90E 0E, 0, Bottom of Casing
N57E 50W, 0, Open Fracture
N54E 60W, 0, Sealed Fracture
0.000

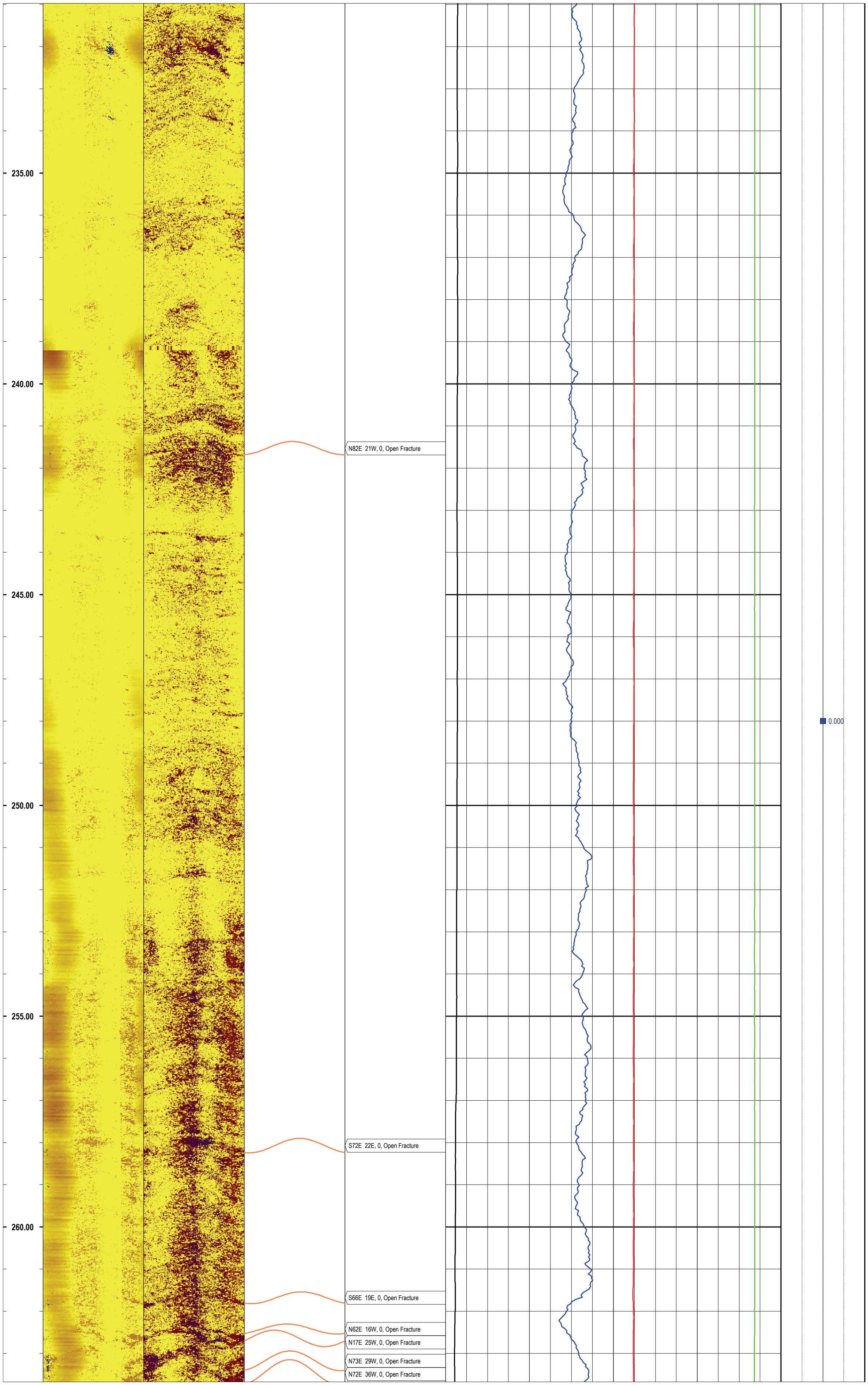


135.00
140.00
145.00
150.00
155.00
160.00
165.00
S86E 39E, 0, Sealed Fracture
N71E 41W, 0, Sealed Fracture
N83E 37W, 0, Open Fracture
N67E 42W, 0, Open Fracture
N69E 44W, 1.82, Open Fracture
N80E 41W, 8.16, Fracture Zone
N53E 39W, 1.59, Open Fracture
N73E 44W, 0, Sealed Fracture
N56E 36W, 0, Sealed Fracture
S87E 42E, 4.42, Fracture Zone
N61E 47W, 2.5, Fracture Zone
N73E 40W, 4.59, Fracture Zone
N71E 39W, 0, Sealed Fracture
N70E 40W, 0, Sealed Fracture
0.000
0.000

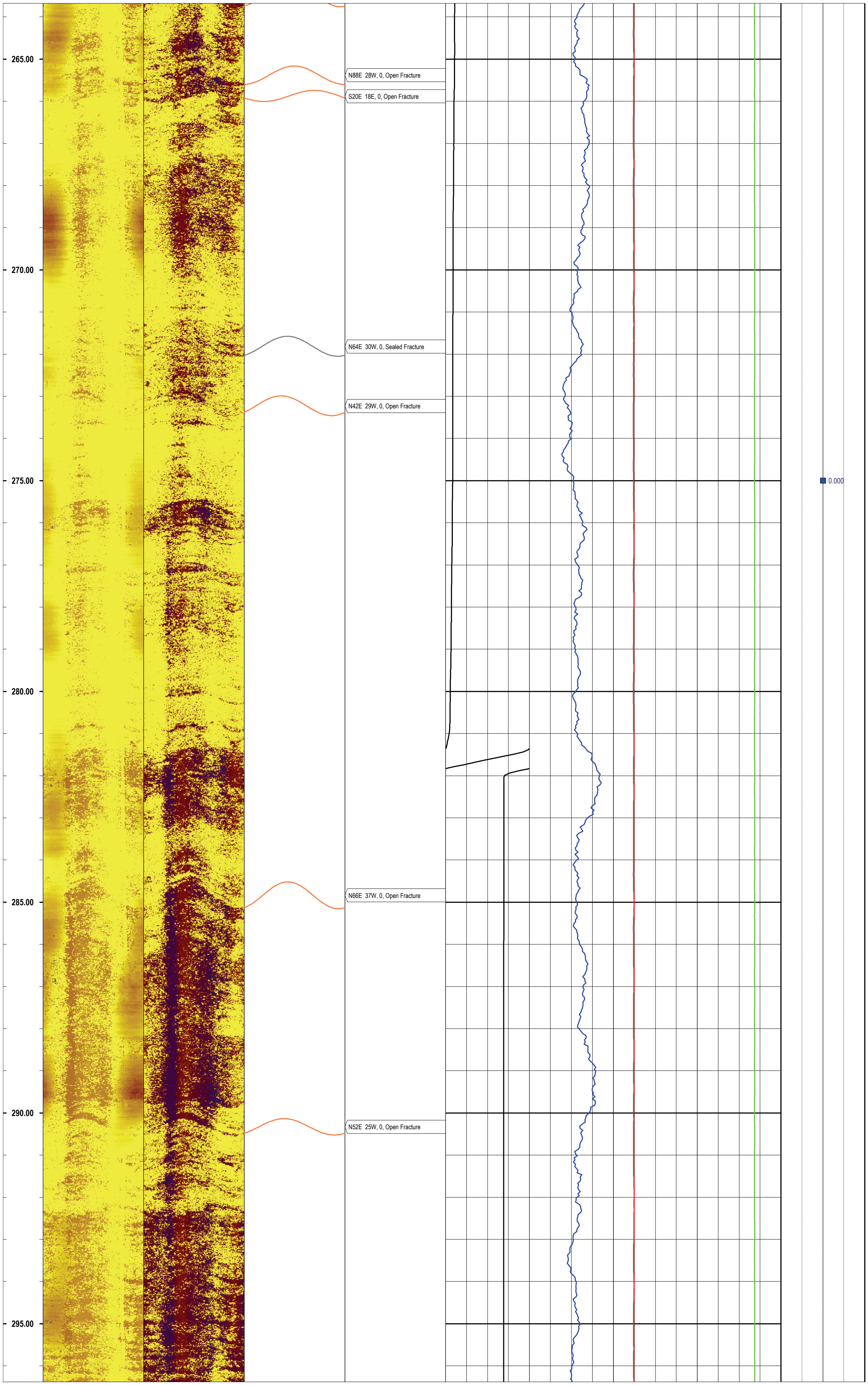


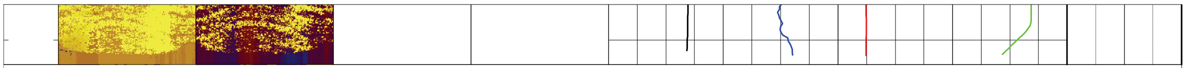
N62E 35W, 0, Open Fracture
N64E 35W, 0, Open Fracture
N71E 36W, 1.34, Open Fracture
N63E 26W, 0, Sealed Fracture
170.00
N76E 36W, 0, Sealed Fracture
N80E 37W, 0, Sealed Fracture
N83E 36W, 2.23, Fracture Zone
175.00
180.00
185.00
0.000
N51E 71W, 1.03, Open Fracture
N81E 28W, 0, Open Fracture
S28W 16E, 0, Open Fracture
190.00
195.00


200.00
205.00
210.00
215.00
220.00
225.00
230.00
N71E 68W, 0, Open Fracture
N84E 31W, 0, Open Fracture
N87E 50W, 0, Sealed Fracture
N87E 54W, 0, Open Fracture
N43E 54W, 12.84, Fracture Zone
N57E 33W, 0, Open Fracture
N60E 29W, 0, Open Fracture
N70E 27W, 1.82, Fracture Zone
0.000
0.000



235.00
240.00
N82E 21W, 0, Open Fracture
245.00
0.000
250.00
255.00
S72E 22E, 0, Open Fracture
260.00
S66E 19E, 0, Open Fracture
N62E 16W, 0, Open Fracture
N17E 25W, 0, Open Fracture
N73E 29W, 0, Open Fracture
N72E 36W, 0, Open Fracture


265.00
270.00
275.00
280.00
285.00
290.00
295.00
N88E 28W, 0, Open Fracture
S20E 18E, 0, Open Fracture
N64E 30W, 0, Sealed Fracture
N42E 29W, 0, Open Fracture
N66E 37W, 0, Open Fracture
N52E 25W, 0, Open Fracture
0.000



Depth
1ft:20ft

Acoustic Travel Time
0° 90° 180° 270° 0°

Acoustic Amplitude
0° 90° 180° 270° 0°

Televiewer Features
0° 90° 180° 270° 0°

Feature Characteristics
Strike & Dip (degrees)
Aperture (inches)
Inferred Type

Borehole Diameter
7 INCH 11

Natural Gamma
0 API 120

Fluid Temperature
12 DegC 16

Fluid Conductivity
0 uS/cm 600

HPFM (Static)
-3 FPM 3

Mid-Atlantic Geosciences

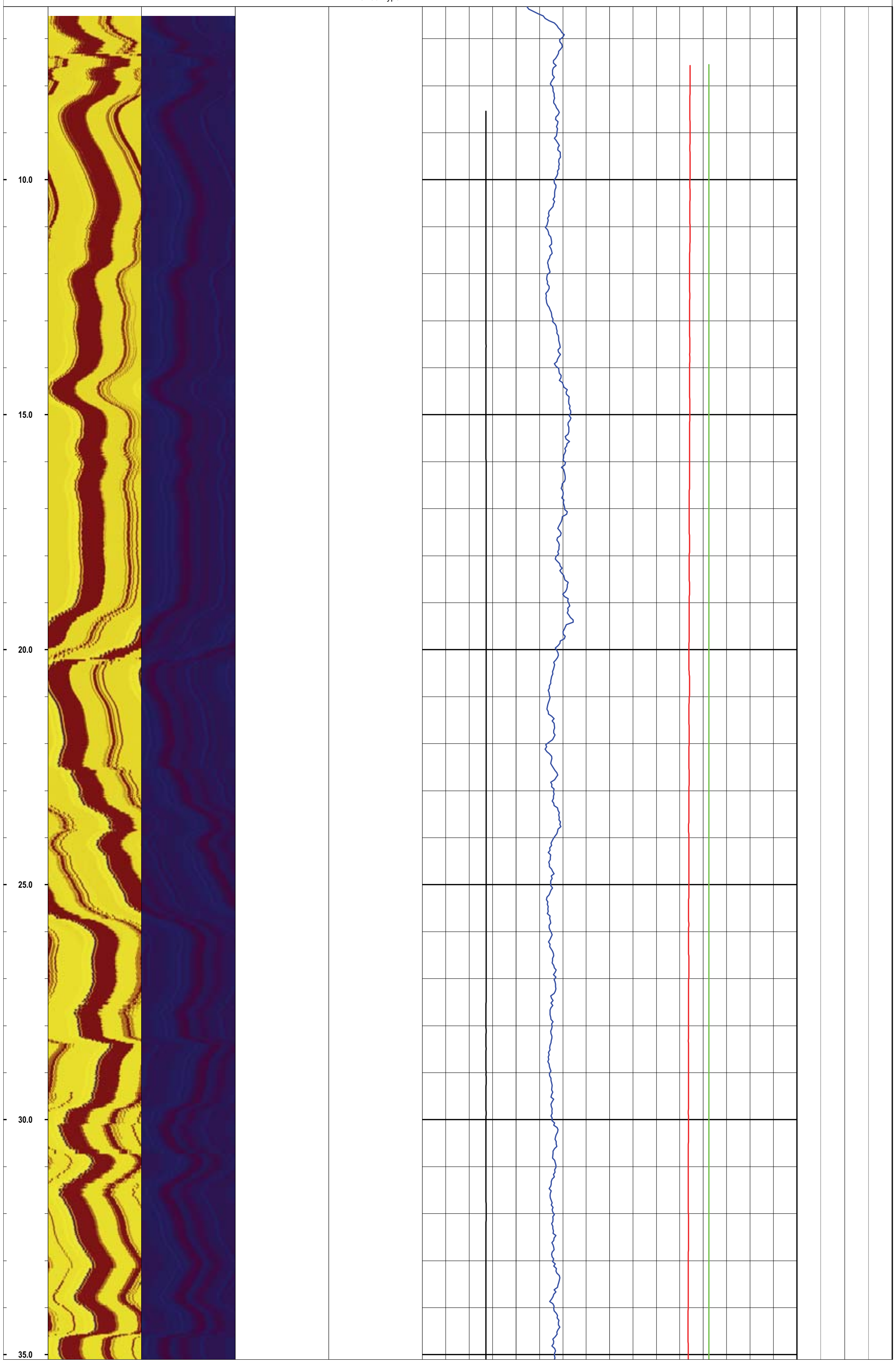
Title: *Televiewer, Geophysical, and Flowmeter Logs*

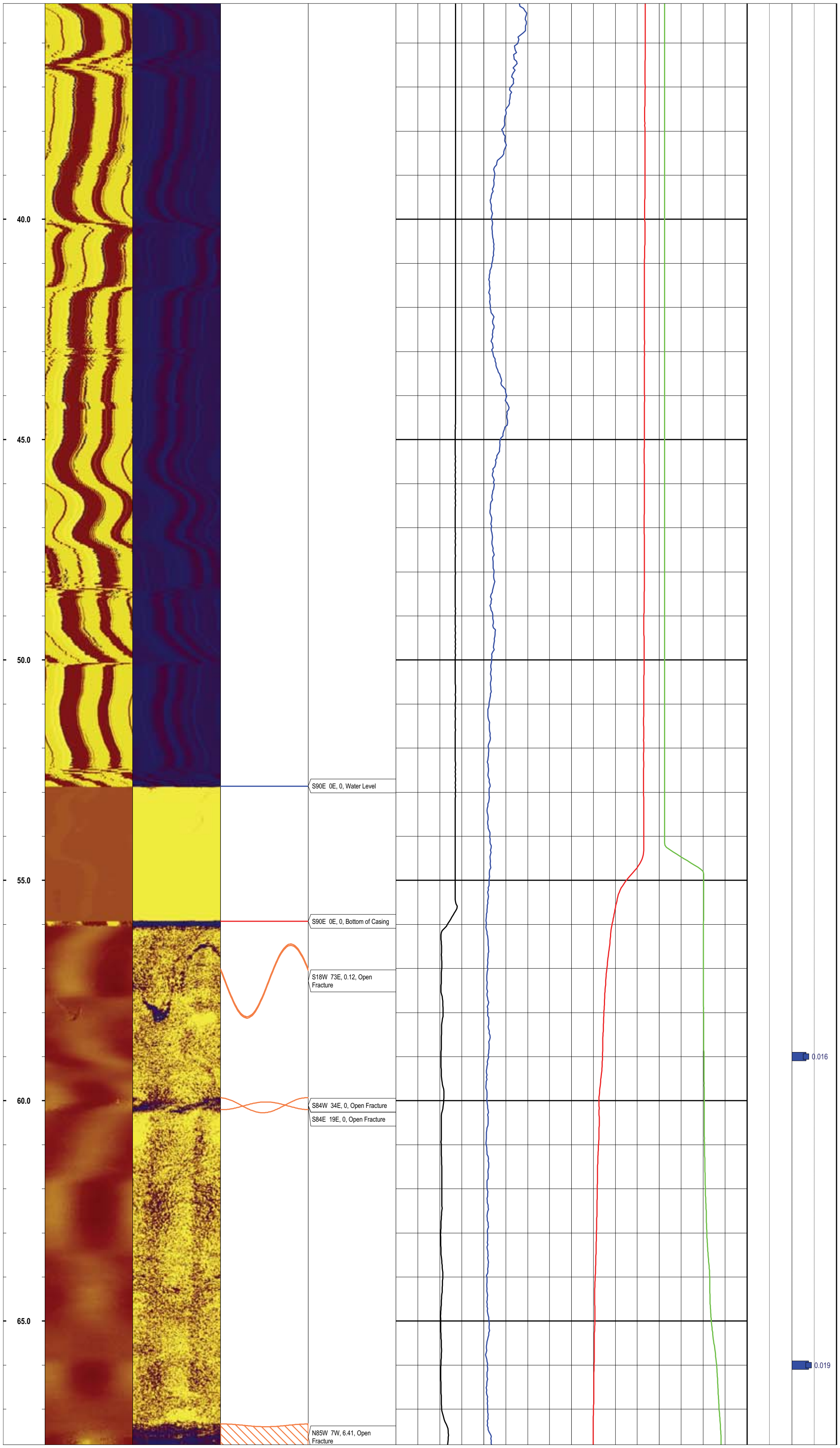
WELL ID *MW-47BB*

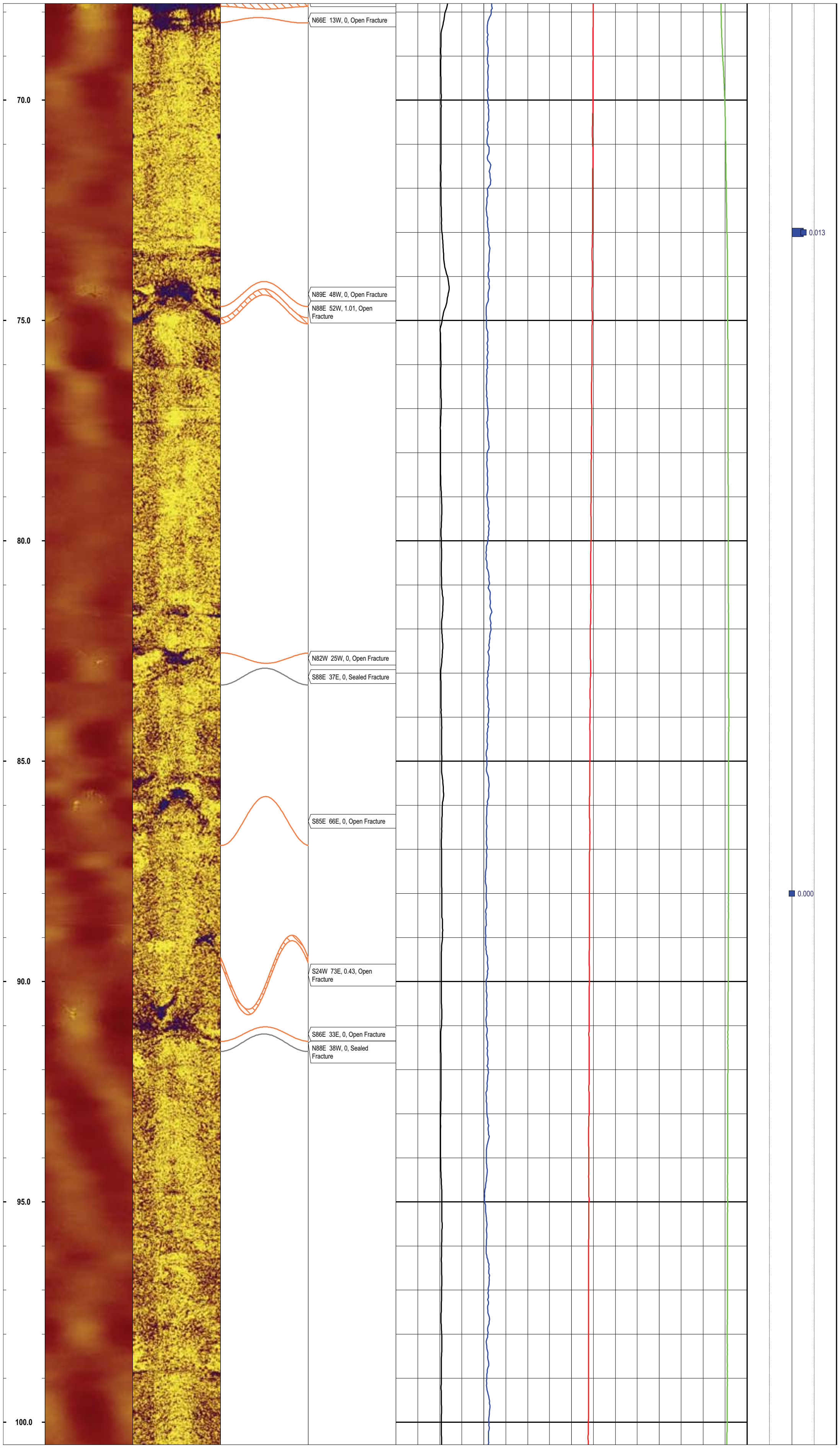
Logging Date: *12.01.2010*
Logging Datum: *Ground Surface*
BOC: *55.9'* **DTW:** *54.4'* **TD:** *125.6'*

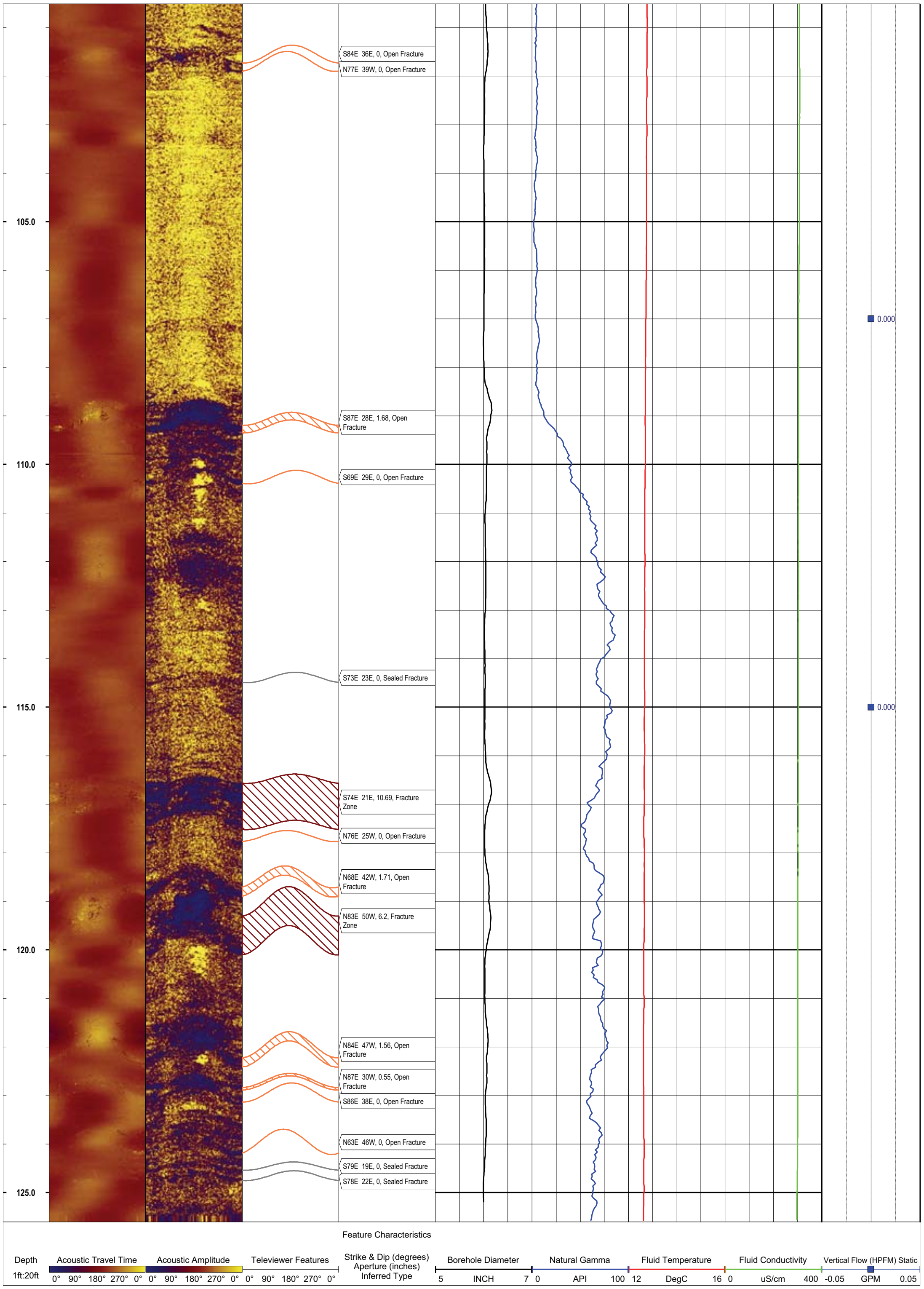
Site Name: *Jarrettsville Pike and Paper Mill Road*
Location: *Phoenix, MD*
Client: *Kleinfelder*
Project No.: *101042*
Revision Date: *12.16.2010*

Depth	Acoustic Travel Time	Acoustic Amplitude	Televiewer Features	Feature Characteristics	Borehole Diameter	Natural Gamma	Fluid Temperature	Fluid Conductivity	Vertical Flow (HPFM) Static
1ft:20ft	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	Strike & Dip (degrees) Aperture (inches) Inferred Type	5 INCH 7	0 API 100	12 DegC 16	0 uS/cm 400	-0.05 GPM 0.05




40.0
45.0
50.0
55.0
60.0
65.0
S90E 0E, 0, Water Level
S90E 0E, 0, Bottom of Casing
S18W 73E, 0.12, Open Fracture
S84W 34E, 0, Open Fracture
S84E 19E, 0, Open Fracture
N85W 7W, 6.41, Open Fracture
0.016
0.019


70.0
75.0
80.0
85.0
90.0
95.0
100.0
N66E 13W, 0, Open Fracture
N89E 48W, 0, Open Fracture
N88E 52W, 1.01, Open Fracture
N82W 25W, 0, Open Fracture
S88E 37E, 0, Sealed Fracture
S85E 66E, 0, Open Fracture
S24W 73E, 0.43, Open Fracture
S86E 33E, 0, Open Fracture
N88E 38W, 0, Sealed Fracture
0.013
0.000


105.0
110.0
115.0
120.0
125.0
S84E 36E, 0, Open Fracture
N77E 39W, 0, Open Fracture
S87E 28E, 1.68, Open Fracture
S69E 29E, 0, Open Fracture
S73E 23E, 0, Sealed Fracture
S74E 21E, 10.69, Fracture Zone
N76E 25W, 0, Open Fracture
N68E 42W, 1.71, Open Fracture
N83E 50W, 6.2, Fracture Zone
N84E 47W, 1.56, Open Fracture
N87E 30W, 0.55, Open Fracture
S86E 38E, 0, Open Fracture
N63E 46W, 0, Open Fracture
S79E 19E, 0, Sealed Fracture
S78E 22E, 0, Sealed Fracture
0.000
0.000
Feature Characteristics
Depth
1ft:20ft
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Borehole Diameter
5 INCH 7
Natural Gamma
0 API 100
Fluid Temperature
12 DegC 16
Fluid Conductivity
0 uS/cm 400
Vertical Flow (HPFM) Static
-0.05 GPM 0.05

Mid-Atlantic Geosciences

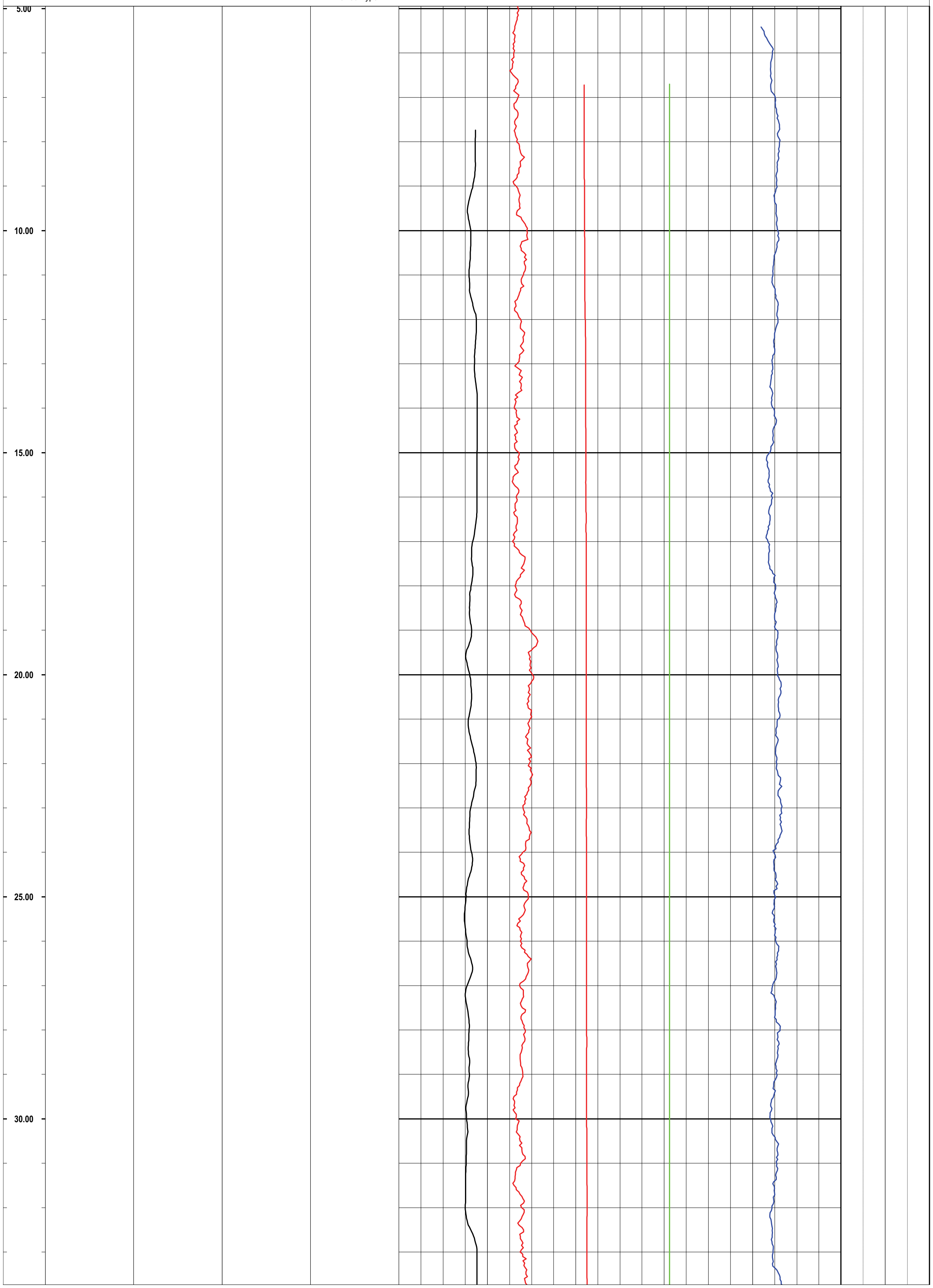
Title: *Televiewer, Geophysical, and Flowmeter Logs*

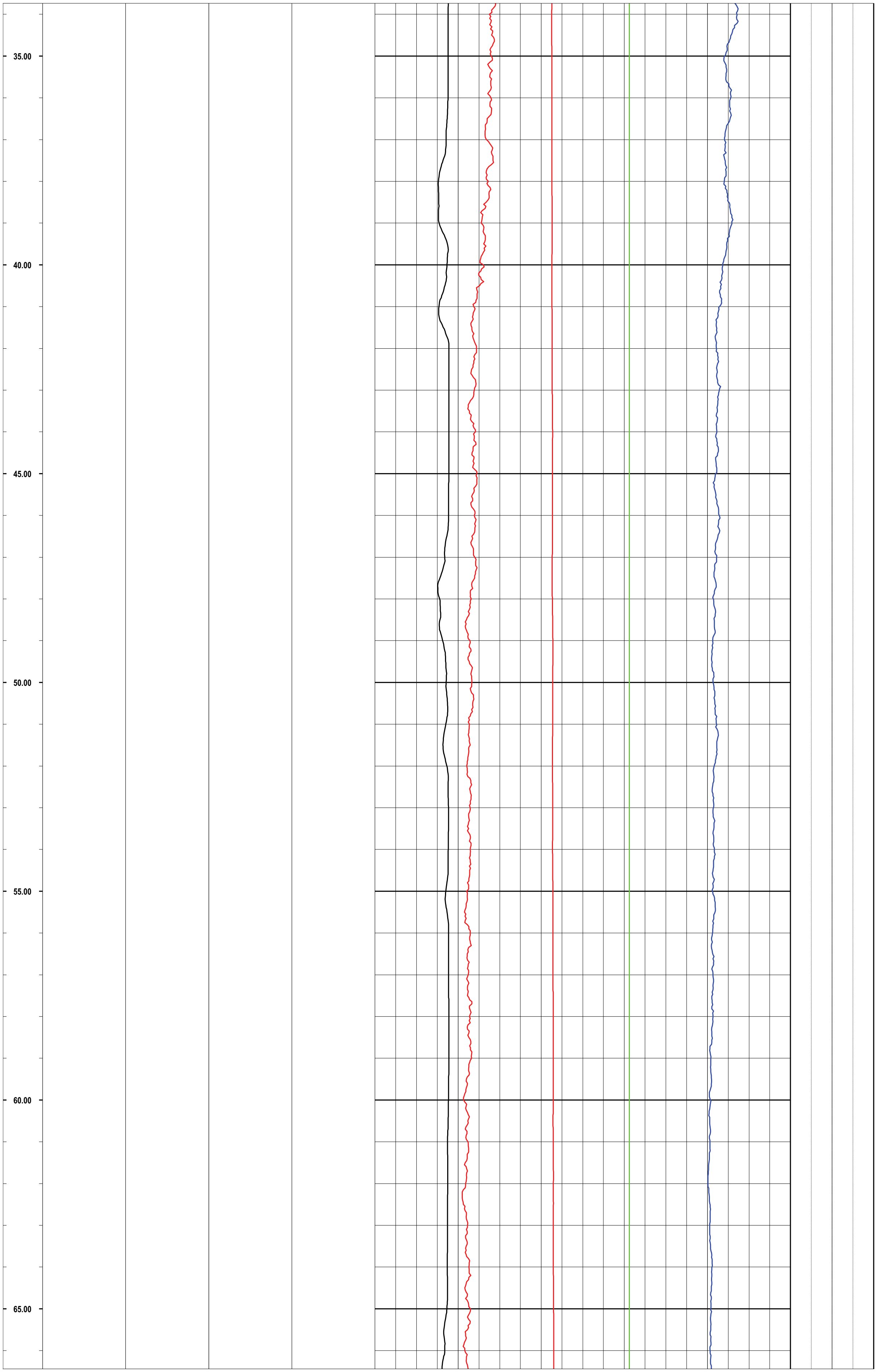
WELL ID *MW-47C*

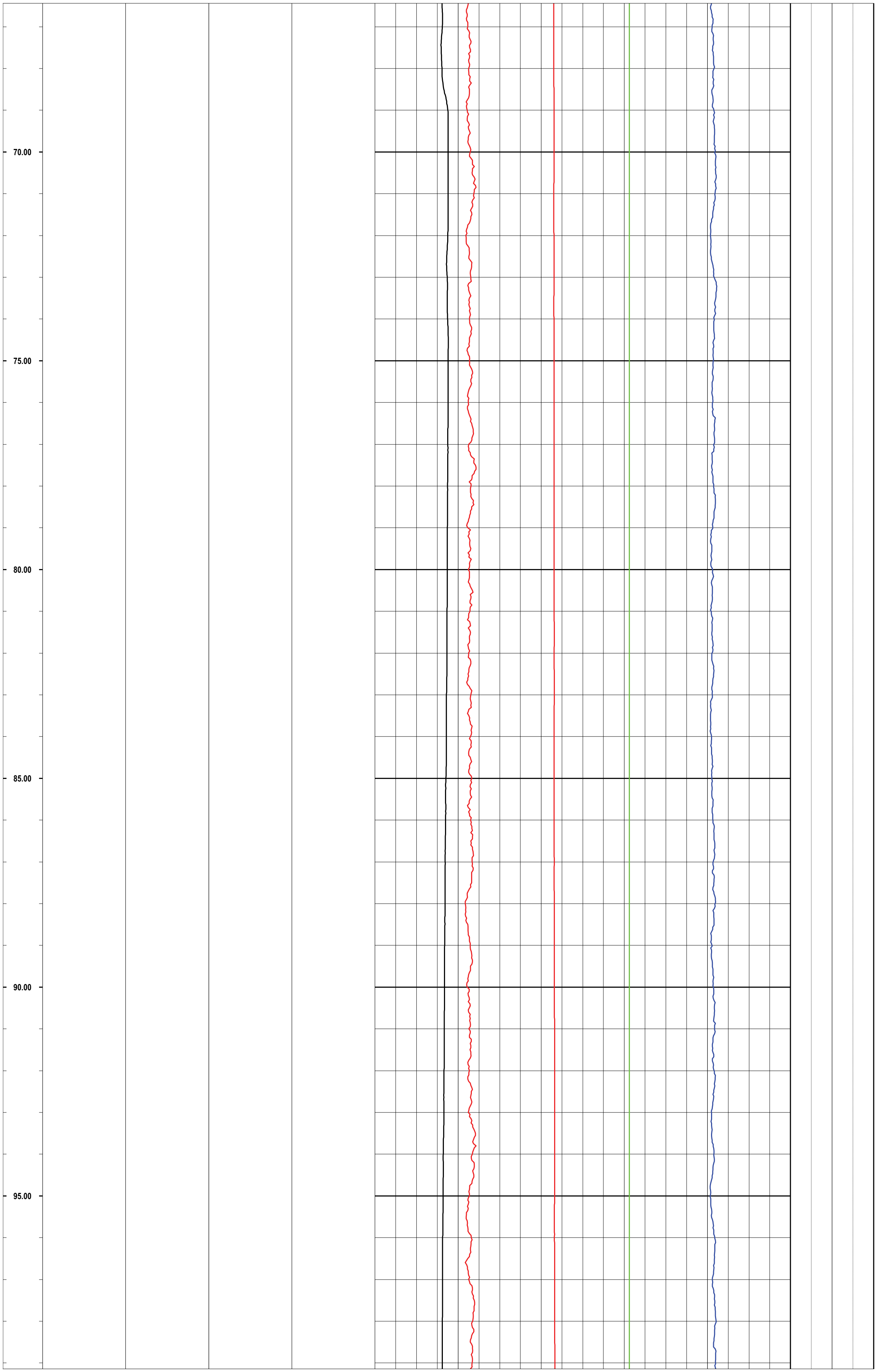
Logging Date: *01.24.2011*
Logging Datum: *Ground Surface*
BOC: *123.1'* **DTW:** *104.8'* **TD:** *294.3'*

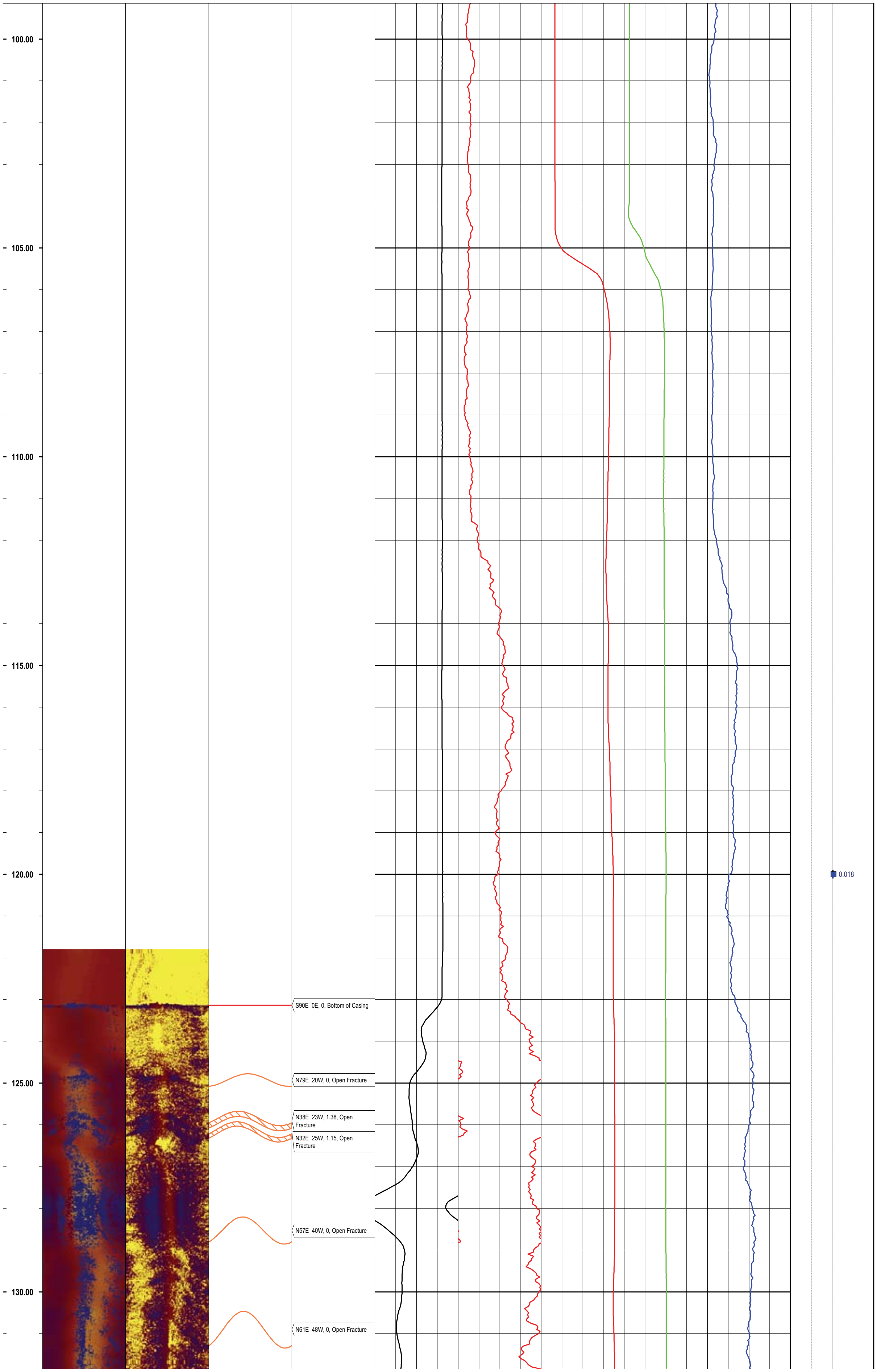
Site Name:
Location: *Phoenix, MD*
Client: *Kleinfelder*
Project No.: *101042*
Revision Date: *02.25.2011*

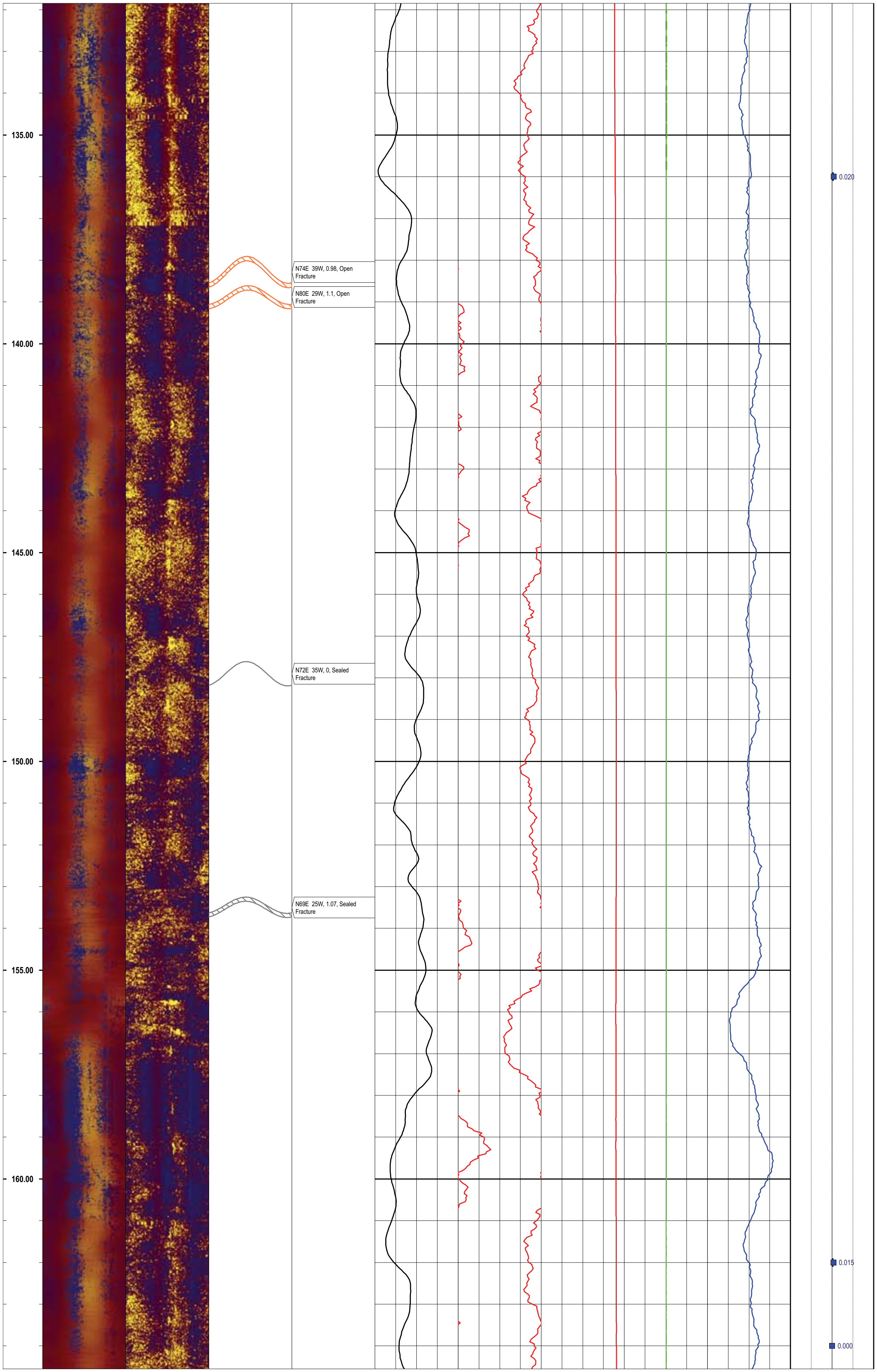
Depth 1ft:20ft	Acoustic Travel Time 0° 90° 180° 270° 0°	Acoustic Amplitude 0° 90° 180° 270° 0°	Televiewer Features 0° 90° 180° 270° 0°	Feature Characteristics Strike & Dip (degrees) Aperture (inches) Inferred Type	Borehole Diameter 9 INCH 11	Natural Gamma#1 0 CPS 160	Fluid Temperature -2 DegC 14	Fluid Conductivity 0 uS/cm 400	Natural Gamma 0 API 120	Vertical Flow (HPFM) Static -0.5 GPM 0.5

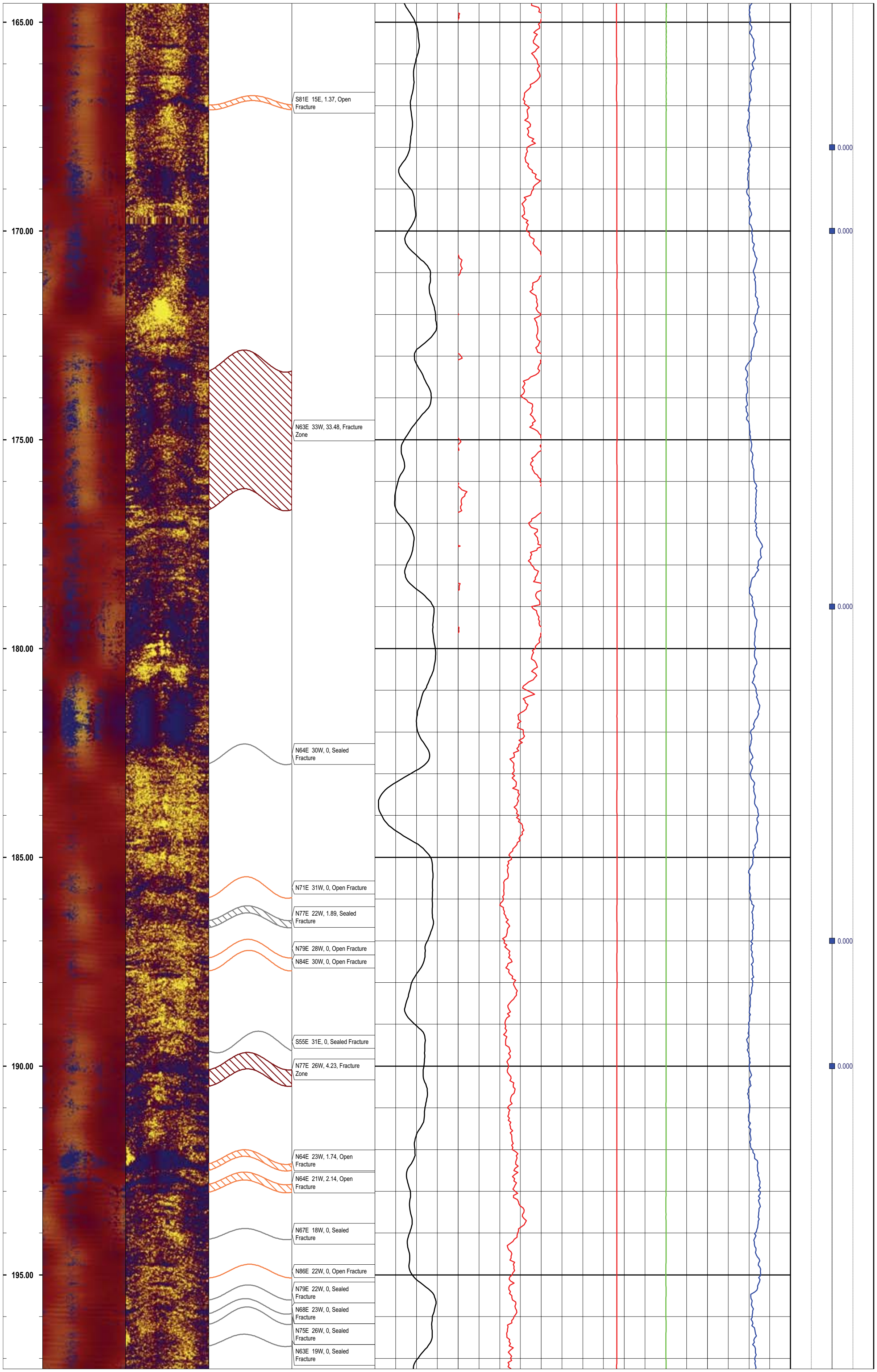


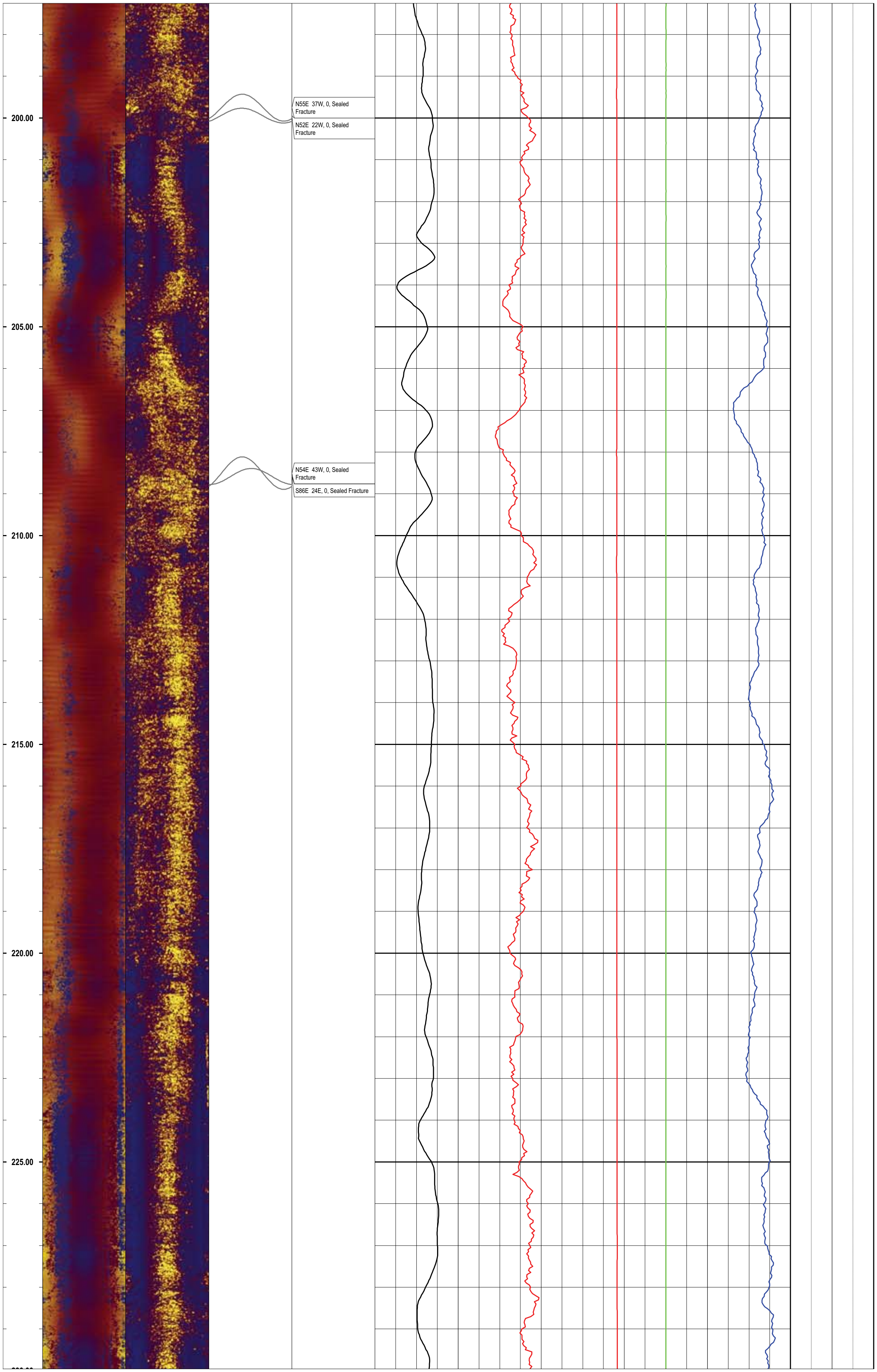

35.00
40.00
45.00
50.00
55.00
60.00
65.00

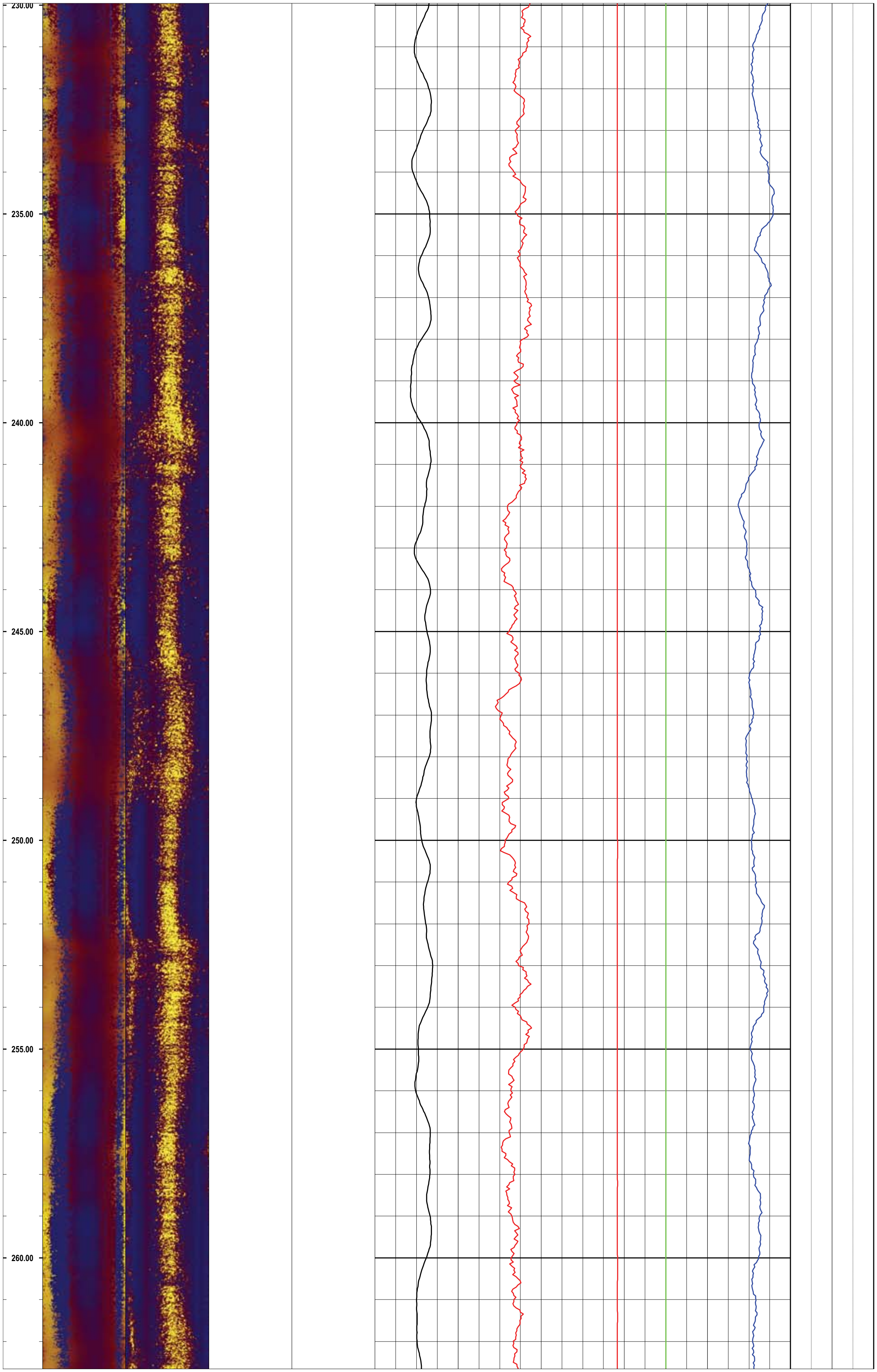

70.00
75.00
80.00
85.00
90.00
95.00

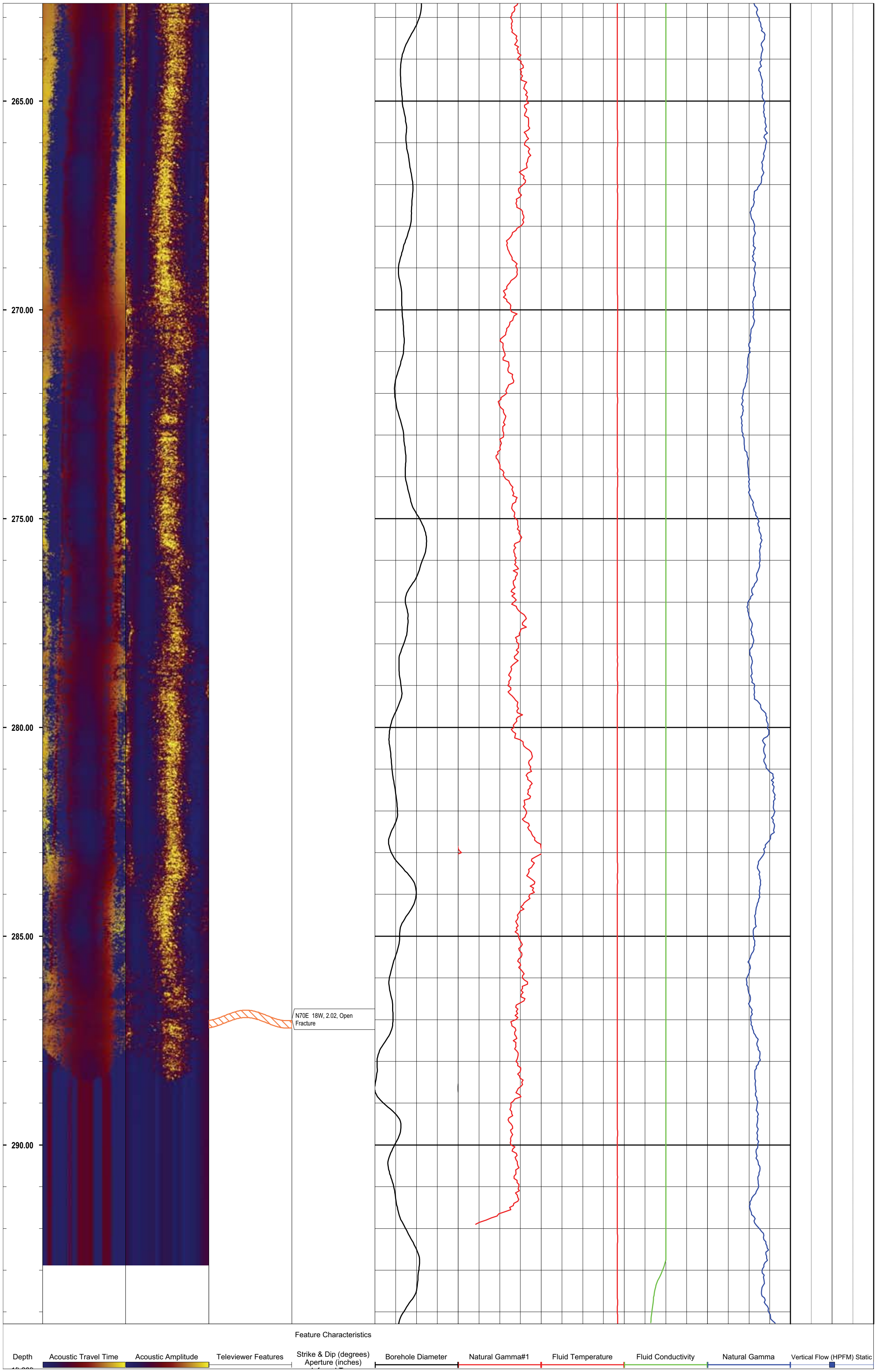

100.00
105.00
110.00
115.00
120.00
125.00
130.00
0.018
S90E 0E, 0, Bottom of Casing
N79E 20W, 0, Open Fracture
N38E 23W, 1.38, Open Fracture
N32E 25W, 1.15, Open Fracture
N57E 40W, 0, Open Fracture
N61E 48W, 0, Open Fracture


135.00
140.00
145.00
150.00
155.00
160.00
N74E 39W, 0.98, Open Fracture
N80E 29W, 1.1, Open Fracture
N72E 35W, 0, Sealed Fracture
N69E 25W, 1.07, Sealed Fracture
0.020
0.015
0.000


165.00
170.00
175.00
180.00
185.00
190.00
195.00
S81E 15E, 1.37, Open Fracture
N63E 33W, 33.48, Fracture Zone
N64E 30W, 0, Sealed Fracture
N71E 31W, 0, Open Fracture
N77E 22W, 1.89, Sealed Fracture
N79E 28W, 0, Open Fracture
N84E 30W, 0, Open Fracture
S55E 31E, 0, Sealed Fracture
N77E 26W, 4.23, Fracture Zone
N64E 23W, 1.74, Open Fracture
N64E 21W, 2.14, Open Fracture
N67E 18W, 0, Sealed Fracture
N86E 22W, 0, Open Fracture
N79E 22W, 0, Sealed Fracture
N68E 23W, 0, Sealed Fracture
N75E 26W, 0, Sealed Fracture
N63E 19W, 0, Sealed Fracture
0.000
0.000
0.000
0.000
0.000


200.00
205.00
210.00
215.00
220.00
225.00
N55E 37W, 0, Sealed Fracture
N52E 22W, 0, Sealed Fracture
N54E 43W, 0, Sealed Fracture
S86E 24E, 0, Sealed Fracture


230.00
235.00
240.00
245.00
250.00
255.00
260.00


265.00
270.00
275.00
280.00
285.00
290.00
N70E 18W, 2.02, Open Fracture
Feature Characteristics
Depth
Acoustic Travel Time
Acoustic Amplitude
Televiewer Features
Strike & Dip (degrees)
Aperture (inches)
Borehole Diameter
Natural Gamma#1
Fluid Temperature
Fluid Conductivity
Natural Gamma
Vertical Flow (HPFM) Static

1ft:20ft	0°	90°	180°	270°	0°	0°	90°	180°	270°	0°	0°	90°	180°	270°	0°	Inferred Type	9	INCH	11	0	CPS	160	-2	DegC	14	0	uS/cm	400	0	API	120	-0.5	GPM	0.5

ARM Geophysics Division
High-Definition Subsurface Imaging

Optical Televiewer Log

Log Name:	57-OTV.WCL
API Well Number:	N/A
Well Name:	MW-57
Service Company:	ARM Geophysics Division
Client:	GSC | Kleinfelder
City:	Cockeysville
County / Parish:	Baltimore
State / Province:	Maryland
Country:	USA
Recorded by:	M. Scott McQuown, P.G.
Witness:	

Elevations:

Kelly bushings:	N/A
Drilling floor:	N/A
Ground / sea floor:	N/A
Permanent datum is:	Ground level
Permanent datum elevation:	Unknown
Log is measured from:	Ground level
Height above log datum:	N/A
Drilling measured from:	N/A
Height above drilling datum:	N/A

Structural Legend:

Attorney Work Product
Privleged and Confidential Communication
Prepared at the Request of Counsel
In Anticipation of Potential Litigation

Notes:

Logging performed same day as drilling.
Water too cloudy for observations.

Log interval is from: 60 Log interval to: 99 Depth unit: feet

Sample Interval: 0.001 ft

Acquisition dates from: (month/day/year) 3/13/2006 Acquisition dates to: (month/day/year) 3/13/2006 Mag Declination: -11.13 Deg

BOREHOLE VIEW	Depth	Projection	Dip & Direction
0° 90° 180° 270° 0°	1ft:20ft	0° 90° 180° 270° 0°	0 90

60
61
62
63
64
65
66
67

68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84

85
86
87
88
89
90
91
92
93
94
95
96
97
98

Mid-Atlantic Geosciences

Title: *Televiewer, Geophysical and Flowmeter Logs*

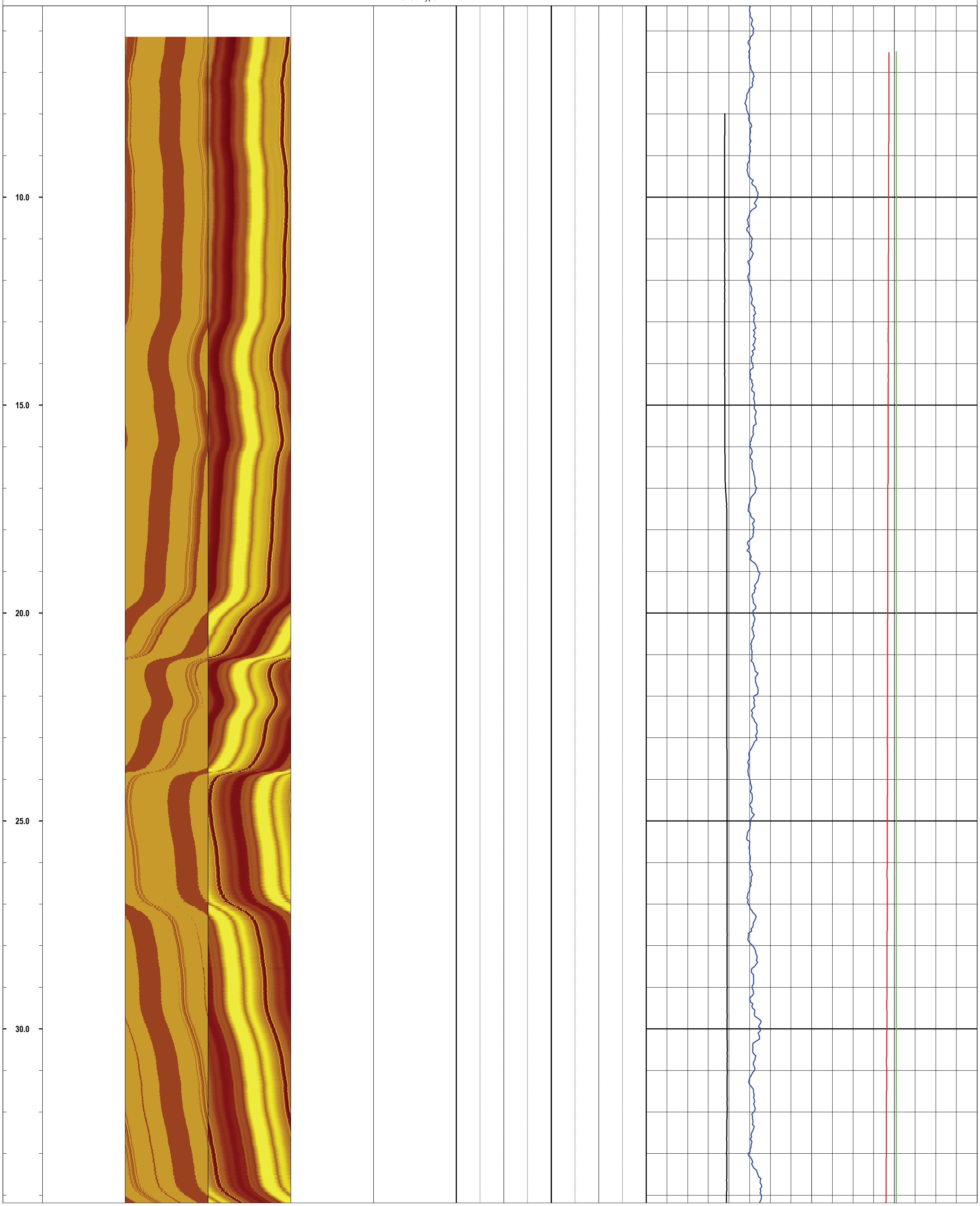
WELL ID *MW-91C*

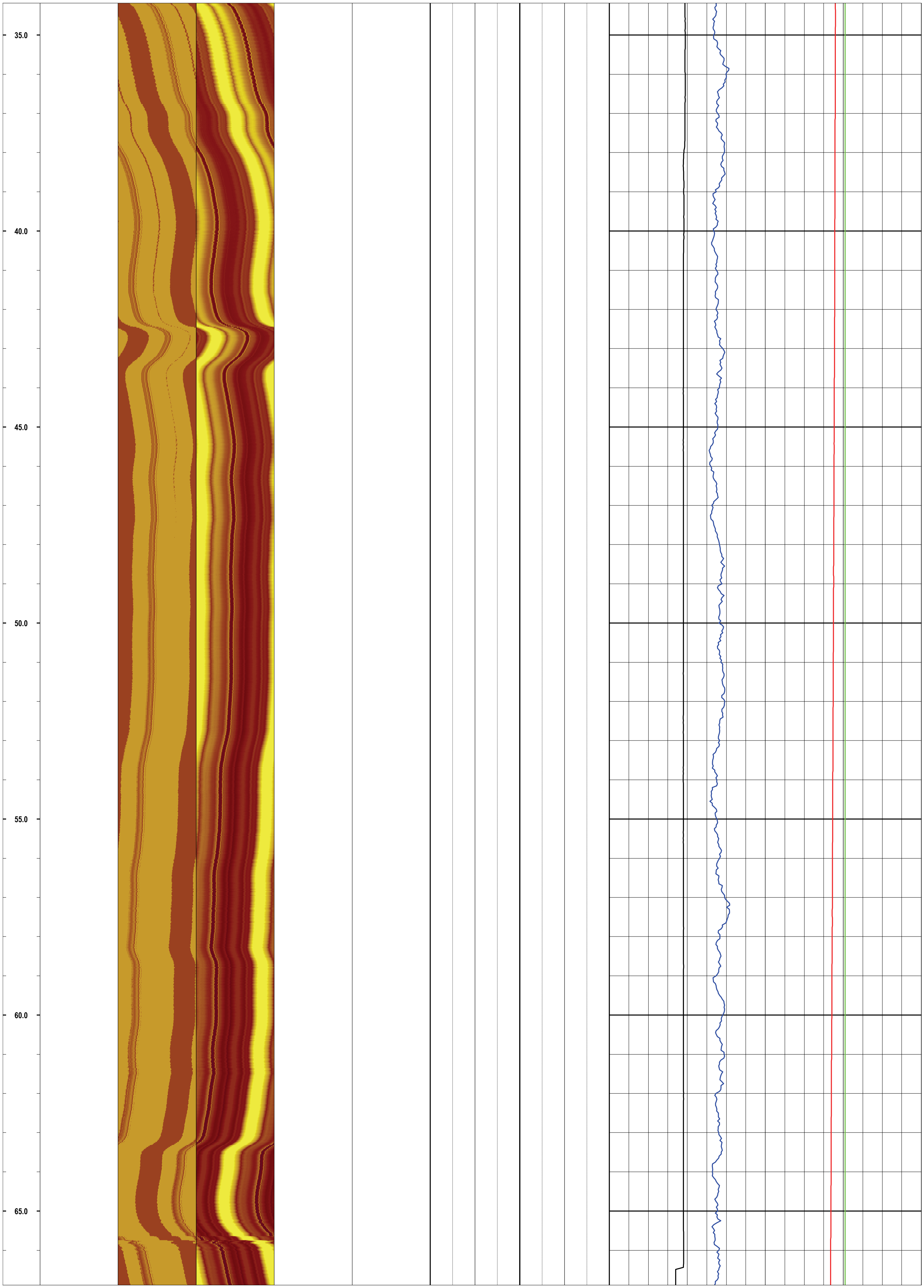
Logging Date: *05.27.2010*
Logging Datum: *Ground Surface*
BOC: *80.2'* **DTW:** *68.2'* **TD:** *297.4'*

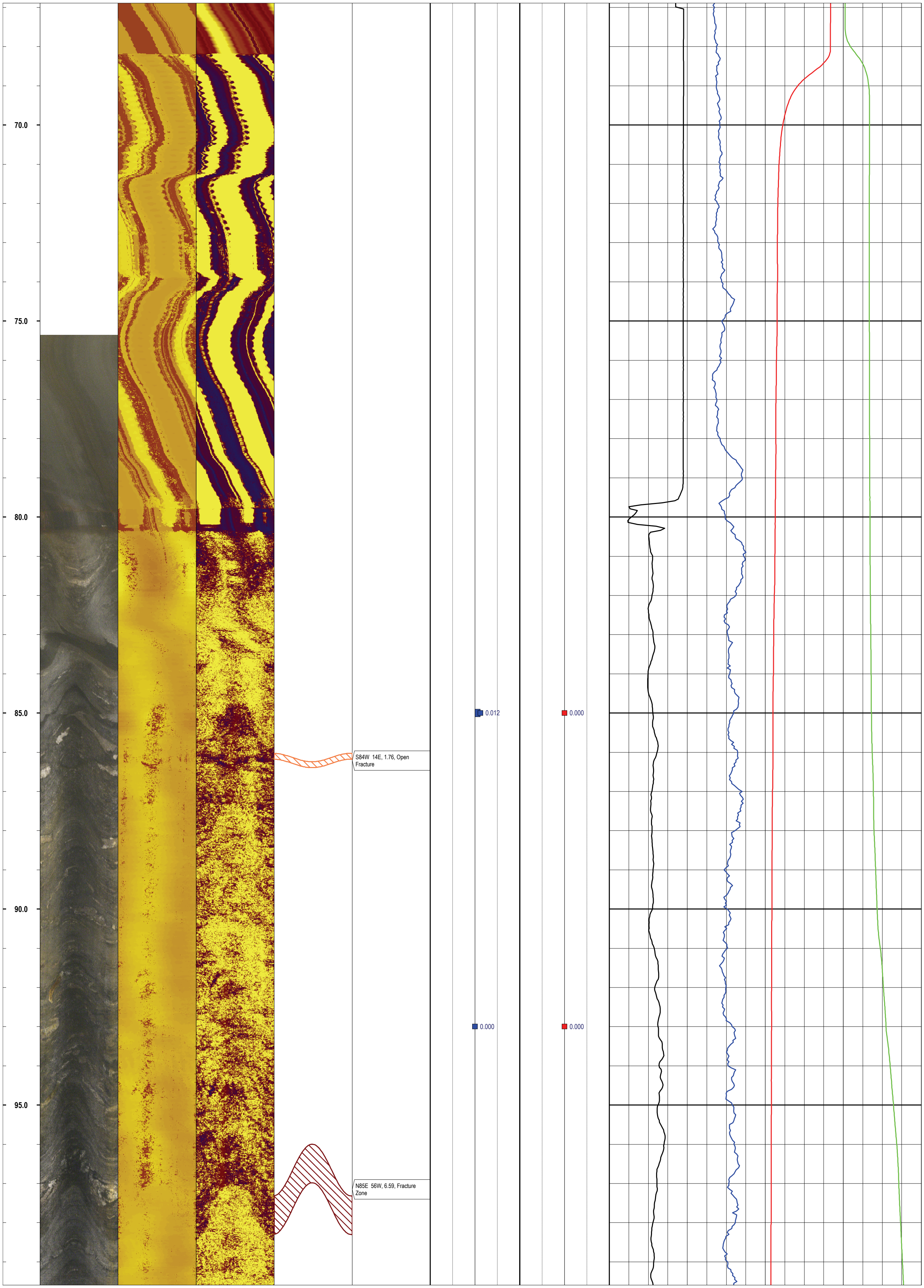
Site Name: *14258 Jarrettsville Pike* **Client:** *Kleinfelder*
Location: *Phoenix, MD* **Project No.:** *051013*

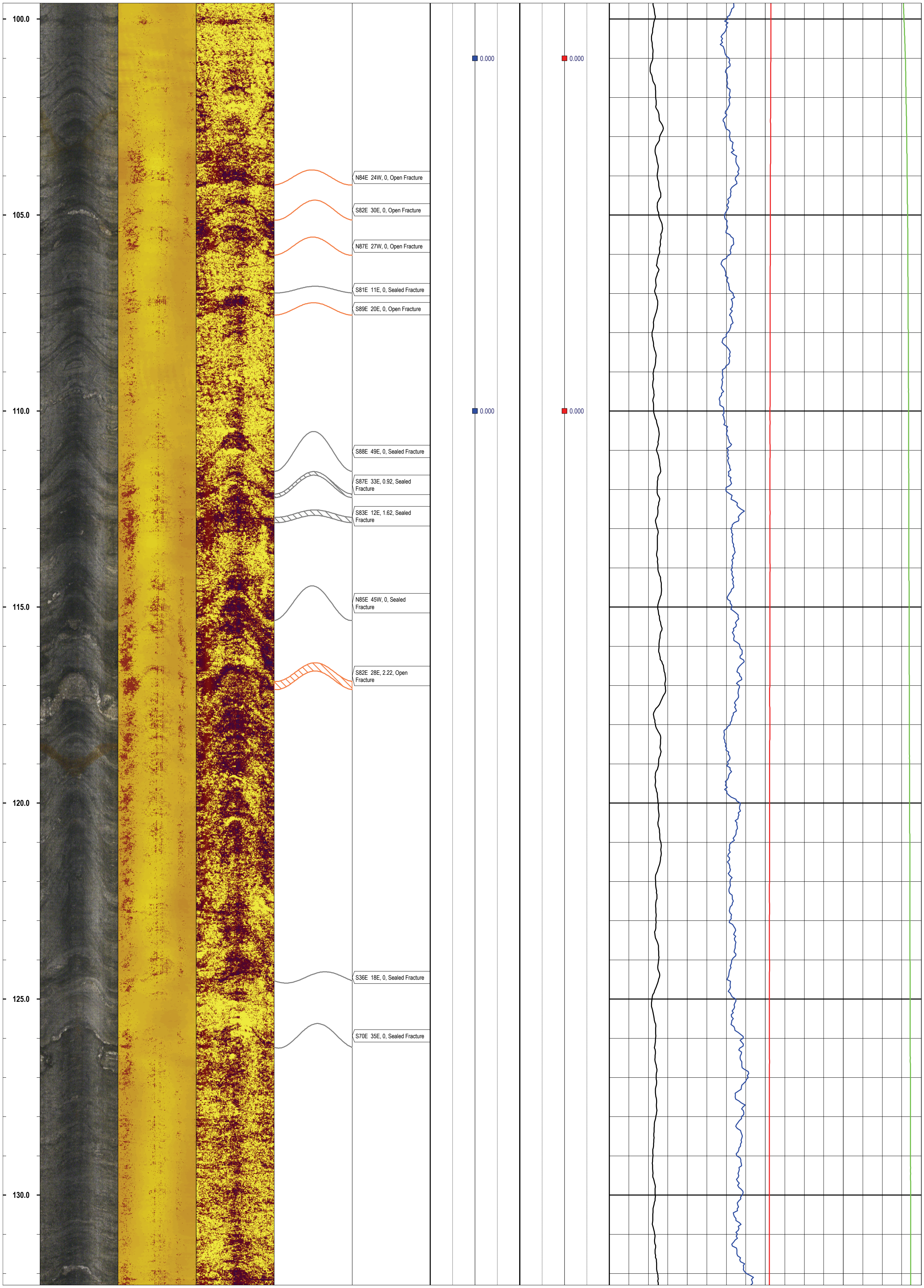
Revision Date: *05.28.2010*

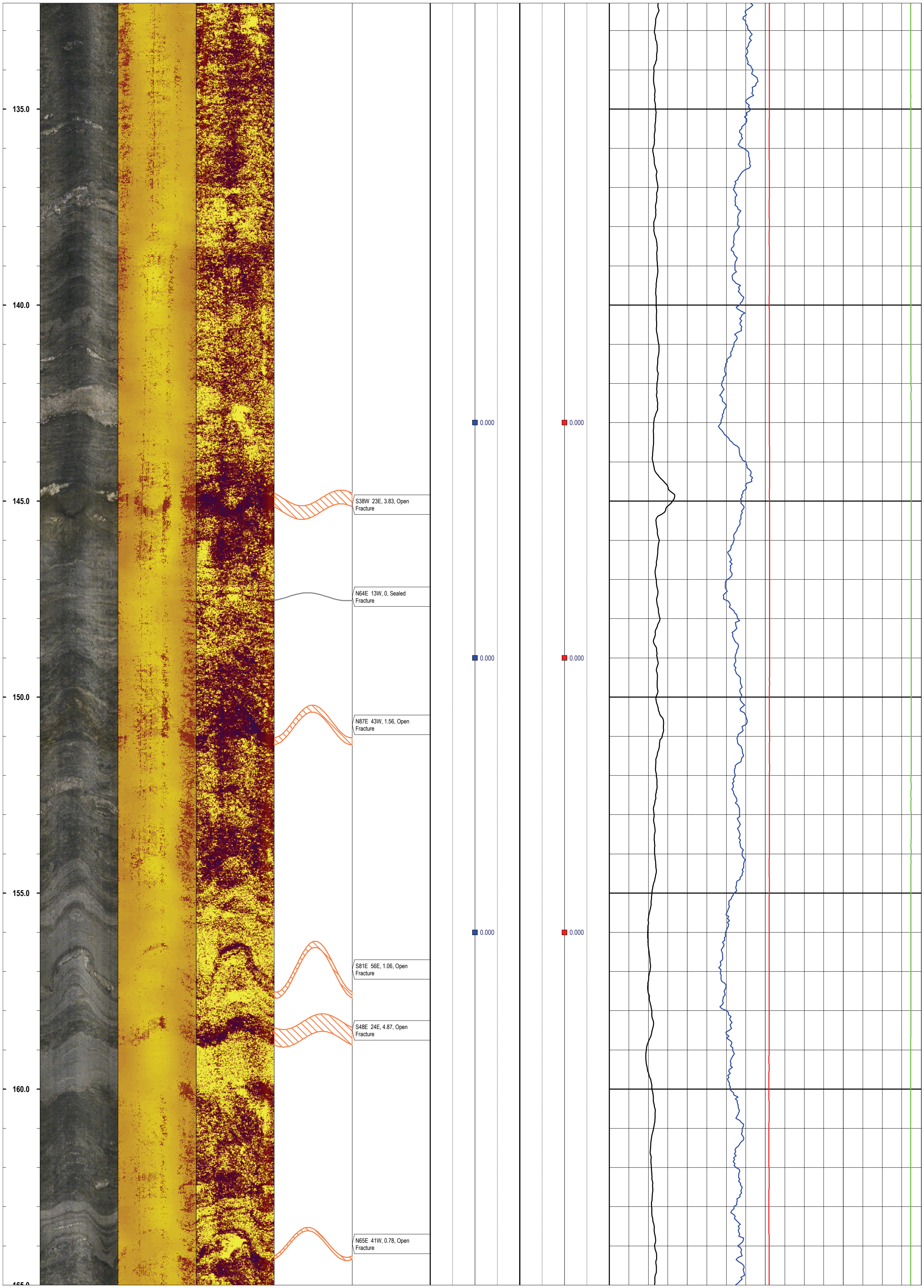
Depth	Optical Televiewer	Acoustic Travel Time	Acoustic Amplitude	Televiewer Features	Feature Characteristics	Vertical Flow (HPFM) Static	Vertical Flow (HPFM) Dynamic	Borehole Diameter	Natural Gamma	Fluid Temperature	Fluid Conductivity
1ft:20ft	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	Strike & Dip (degrees) Aperture (inches) Inferred Type	-0.1 GPM 0.1	-0.1 GPM 0.1	10 INCH 11	0 CPS 200	12 DegC 24	0 uS/cm 1000




35.0
40.0
45.0
50.0
55.0
60.0
65.0


70.0
75.0
80.0
85.0
90.0
95.0
S84W 14E, 1.76, Open Fracture
N85E 56W, 6.59, Fracture Zone
0.012
0.000
0.000
0.000


100.0
105.0
110.0
115.0
120.0
125.0
130.0
N84E 24W, 0, Open Fracture
S82E 30E, 0, Open Fracture
N87E 27W, 0, Open Fracture
S81E 11E, 0, Sealed Fracture
S89E 20E, 0, Open Fracture
S88E 49E, 0, Sealed Fracture
S87E 33E, 0.92, Sealed Fracture
S83E 12E, 1.62, Sealed Fracture
N85E 45W, 0, Sealed Fracture
S82E 28E, 2.22, Open Fracture
S36E 18E, 0, Sealed Fracture
S70E 35E, 0, Sealed Fracture
0.000
0.000
0.000
0.000



135.0
140.0
145.0
150.0
155.0
160.0
165.0
S38W 23E, 3.83, Open Fracture
N64E 13W, 0, Sealed Fracture
N87E 43W, 1.56, Open Fracture
S81E 56E, 1.06, Open Fracture
S48E 24E, 4.87, Open Fracture
N65E 41W, 0.78, Open Fracture
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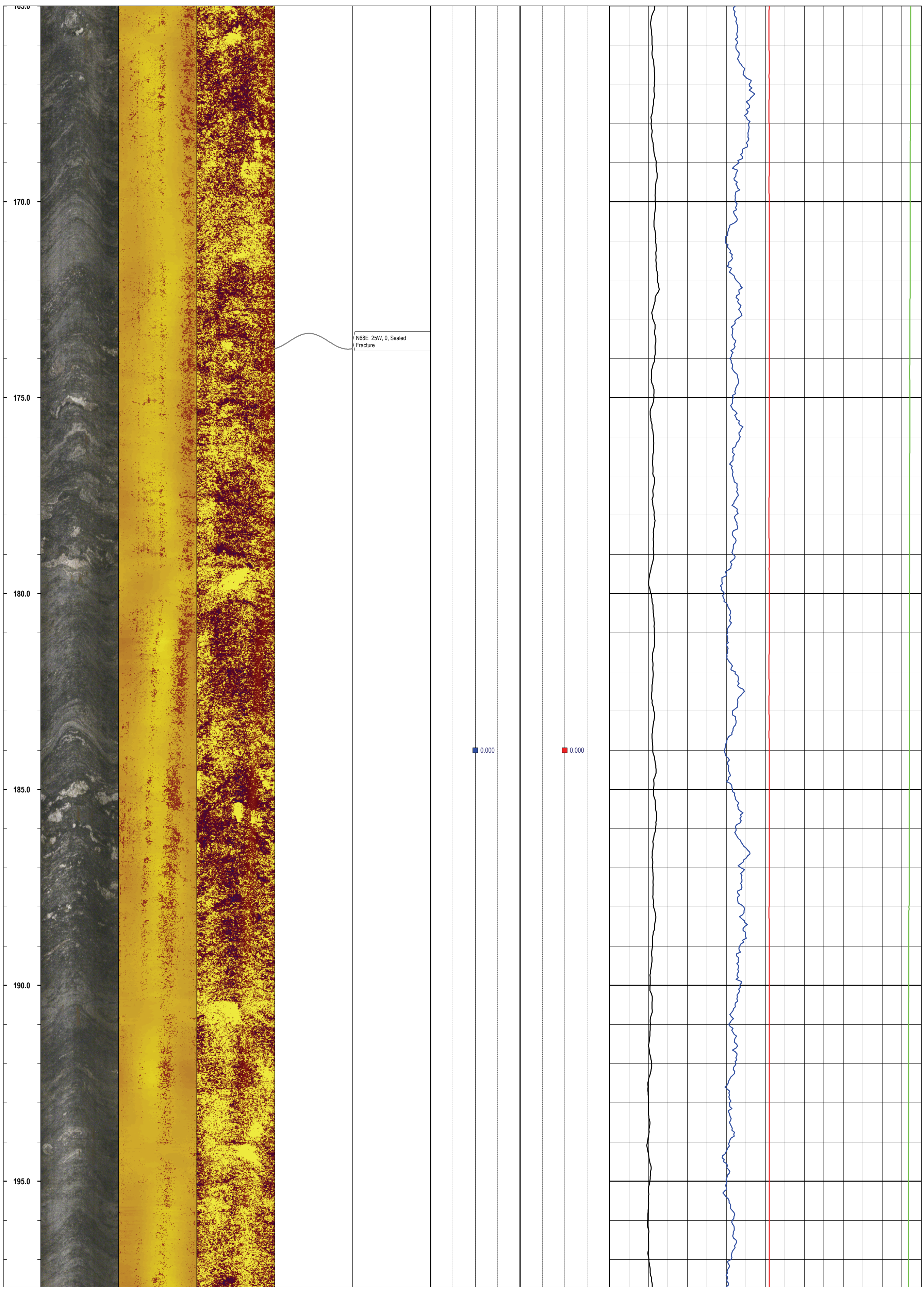
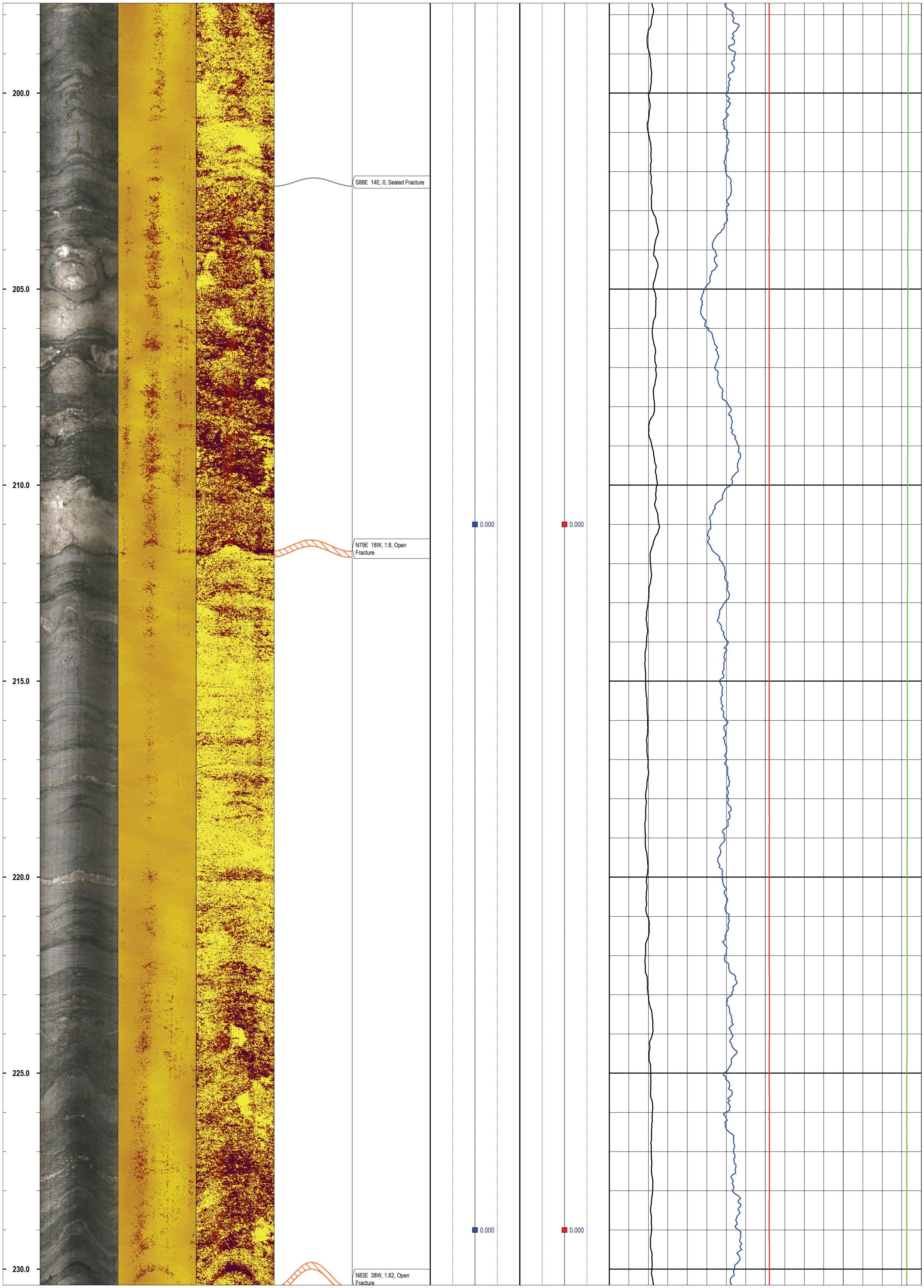
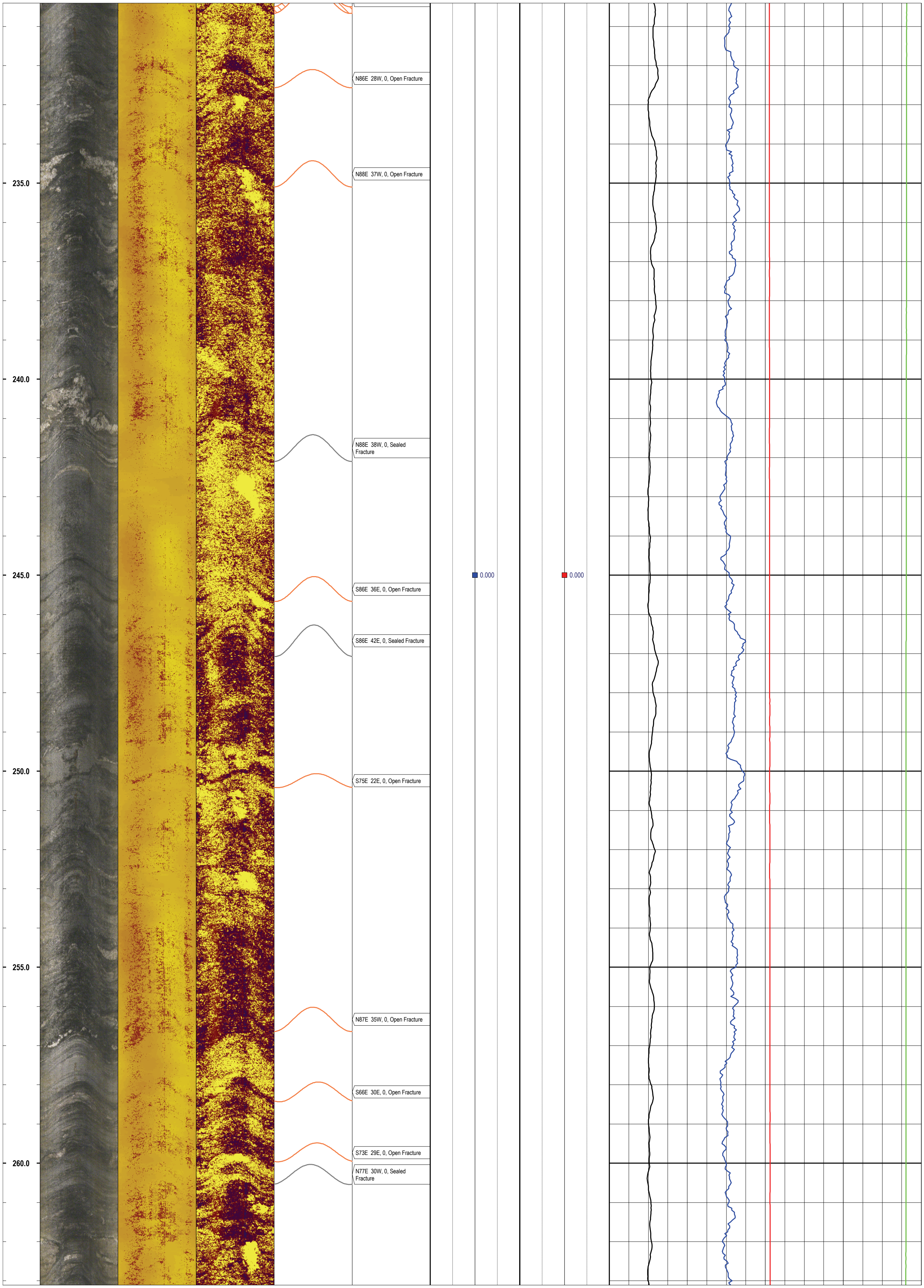
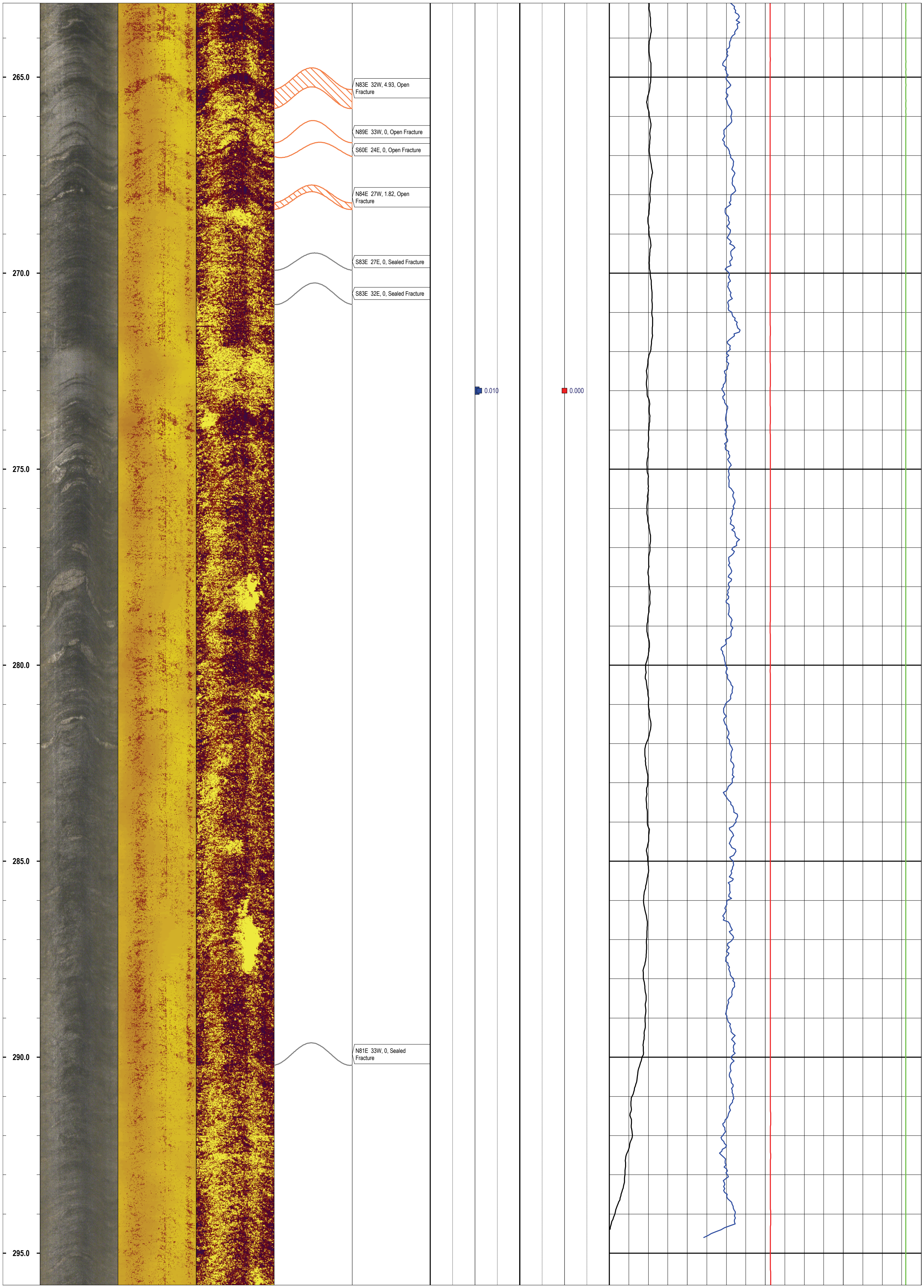
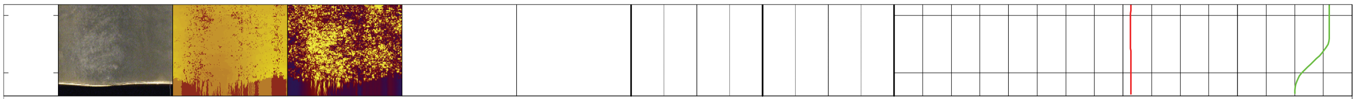
0.000
0.000
0.000
0.000
0.000


170.0
175.0
180.0
185.0
190.0
195.0
N68E 25W, 0, Sealed Fracture
0.000
0.000


200.0
205.0
210.0
215.0
220.0
225.0
230.0
S88E 14E, 0, Sealed Fracture
N79E 18W, 1.8, Open Fracture
N83E 38W, 1.62, Open Fracture
0.000
0.000
0.000
0.000


235.0
240.0
245.0
250.0
255.0
260.0
N86E 28W, 0, Open Fracture
N88E 37W, 0, Open Fracture
N88E 38W, 0, Sealed Fracture
S86E 36E, 0, Open Fracture
S86E 42E, 0, Sealed Fracture
S75E 22E, 0, Open Fracture
N87E 35W, 0, Open Fracture
S66E 30E, 0, Open Fracture
S73E 29E, 0, Open Fracture
N77E 30W, 0, Sealed Fracture
0.000
0.000


265.0
270.0
275.0
280.0
285.0
290.0
295.0
N83E 32W, 4.93, Open Fracture
N89E 33W, 0, Open Fracture
S60E 24E, 0, Open Fracture
N84E 27W, 1.82, Open Fracture
S83E 27E, 0, Sealed Fracture
S83E 32E, 0, Sealed Fracture
N81E 33W, 0, Sealed Fracture
0.010
0.000

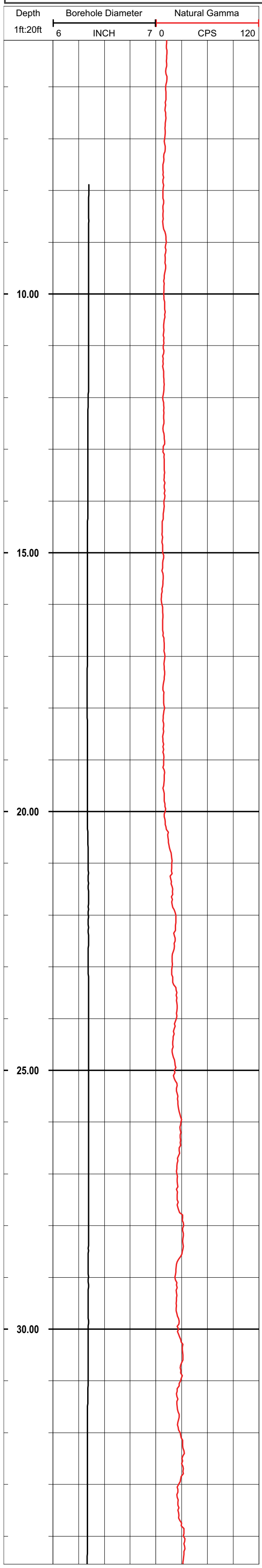


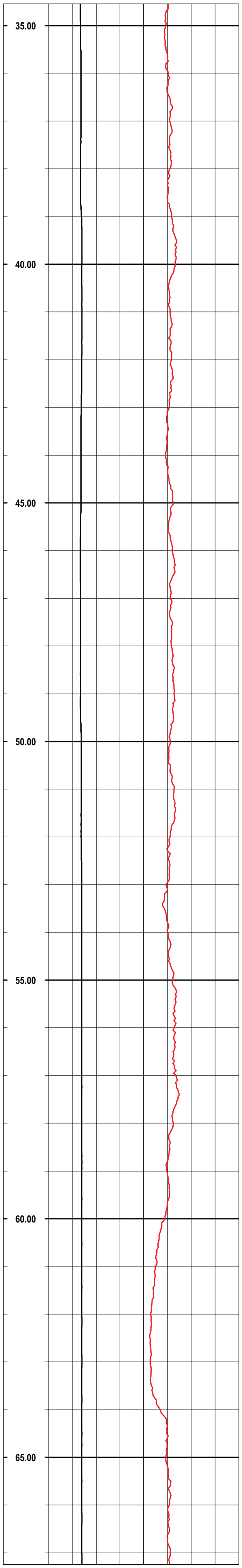
Feature Characteristics

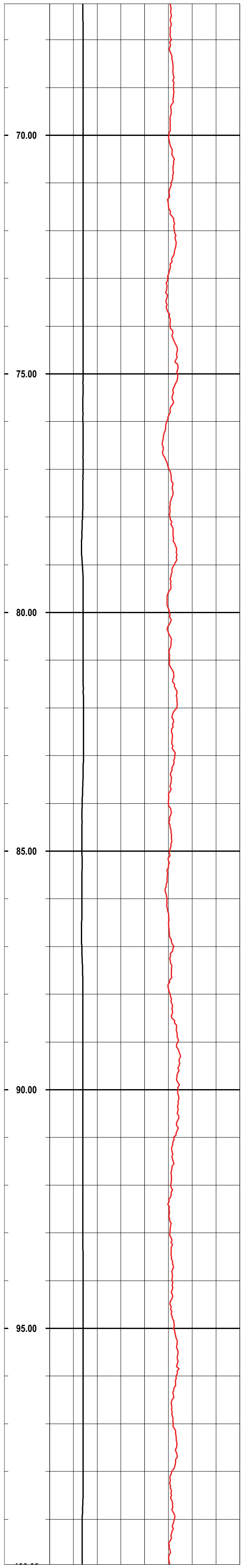
Depth	Optical Televiewer	Acoustic Travel Time	Acoustic Amplitude	Televiewer Features	Strike & Dip (degrees) Aperture (inches) Inferred Type	Vertical Flow (HPFM) Static	Vertical Flow (HPFM) Dynamic	Borehole Diameter	Natural Gamma	Fluid Temperature	Fluid Conductivity
1ft:20ft	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°		-0.1 GPM 0.1	-0.1 GPM 0.1	10 INCH 11	0 CPS 200	12 DegC 24	0 uS/cm 1000

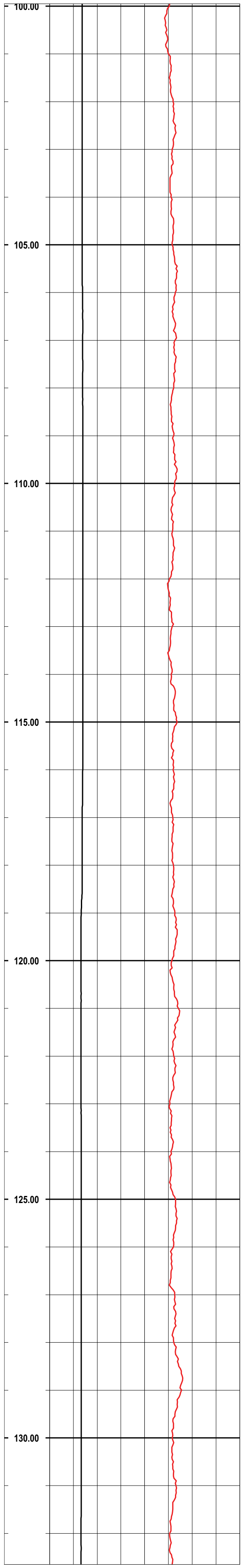
Mid-Atlantic Geosciences	WELL ID	Logging Date: 12.15.2010
Title: *Geophysical Logs*	*MW-91D*	Logging Datum: *Ground Surface*
		BOC: *398.5'* DTW: *N/A* TD: *420'*

Site Name:	*Jarrettsville Pike and Paper Mill Road*	Client:	*Kleinfelder*
Location:	*Phoenix, MD*	Project No.:	*101042supp*
		Revision Date:	*02.11.2011*




35.00
40.00
45.00
50.00
55.00
60.00
65.00


70.00
75.00
80.00
85.00
90.00
95.00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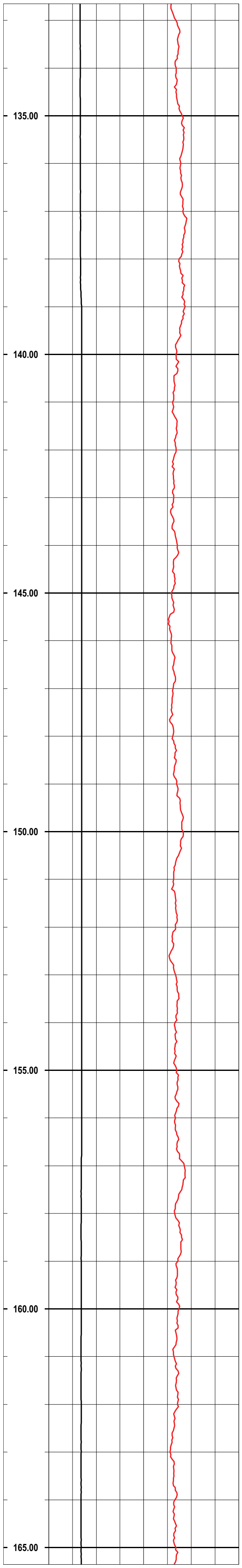
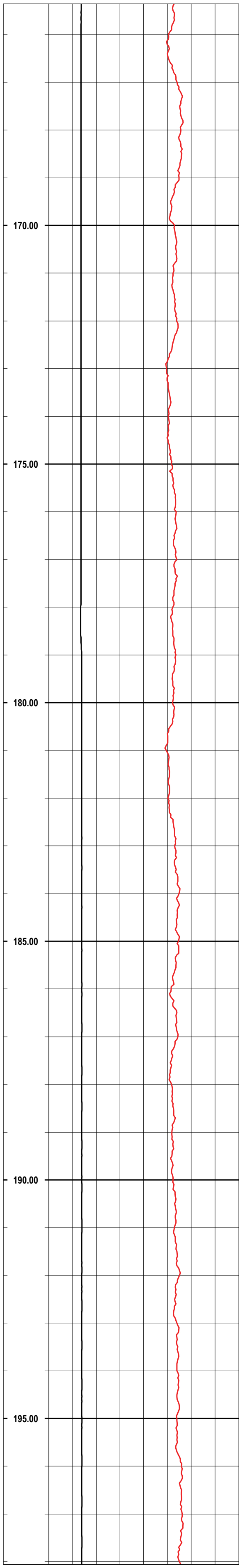
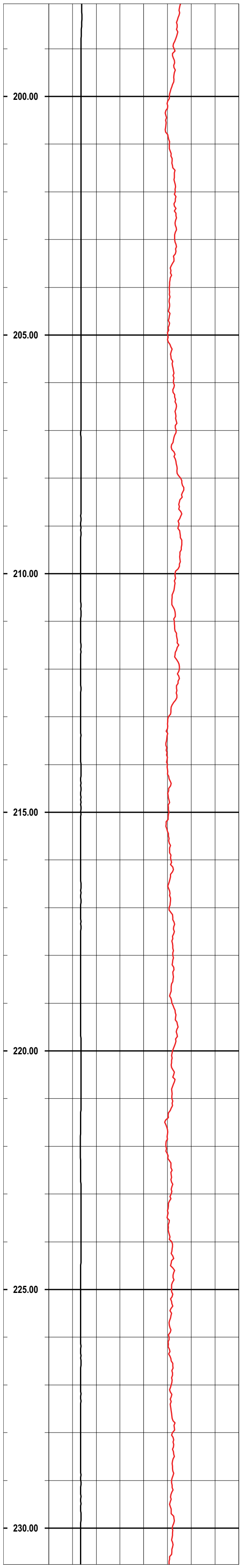
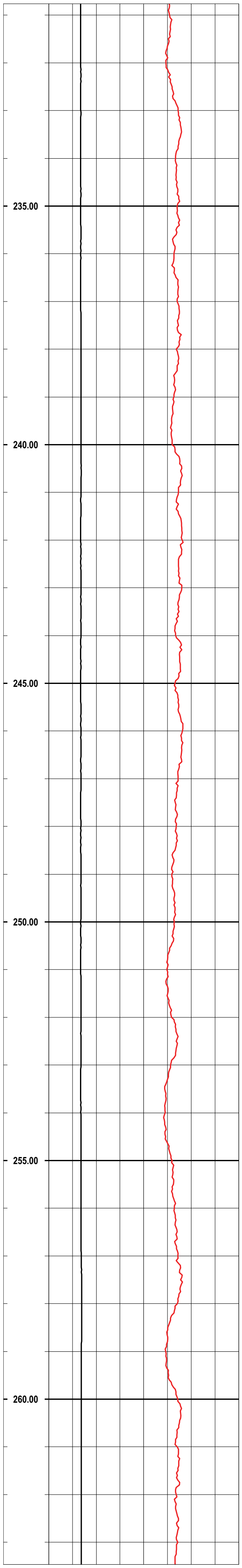
105.00
110.00
115.00
120.00
125.00
130.00



135.00
140.00
145.00
150.00
155.00
160.00
165.00


170.00
175.00
180.00
185.00
190.00
195.00


200.00
205.00
210.00
215.00
220.00
225.00
230.00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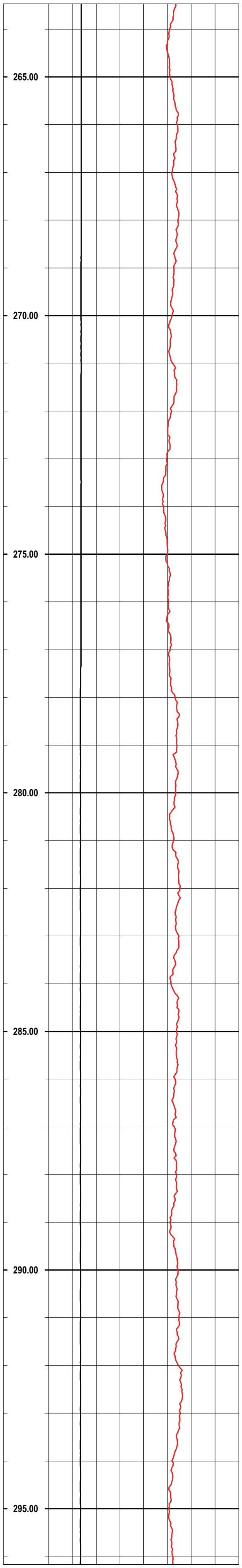
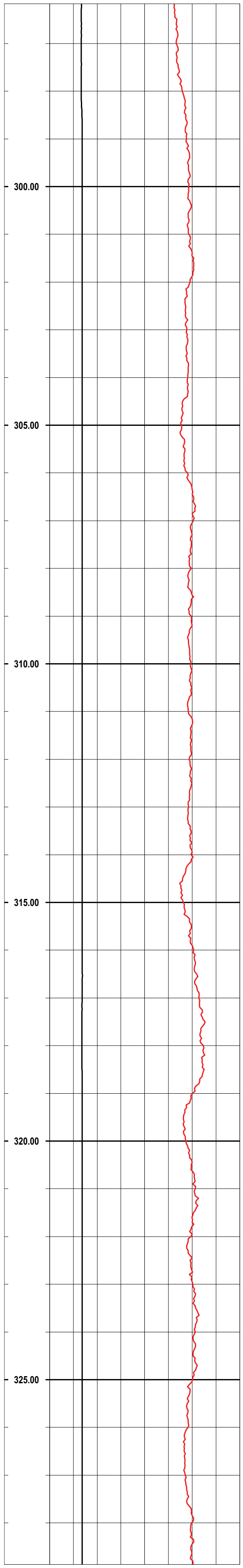
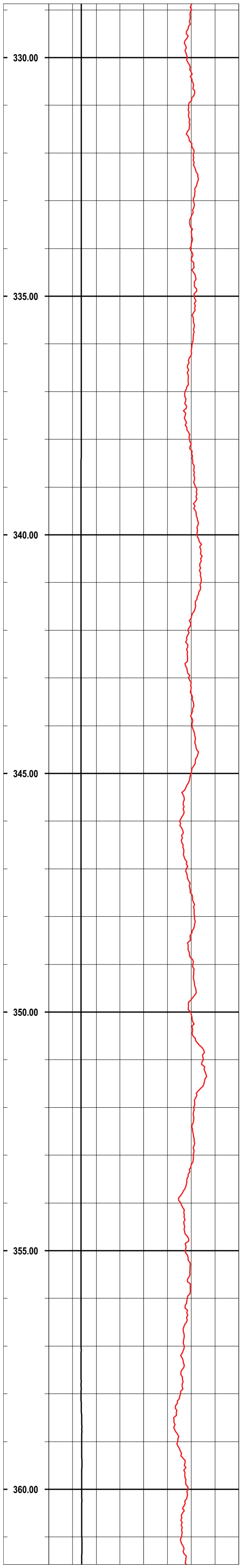
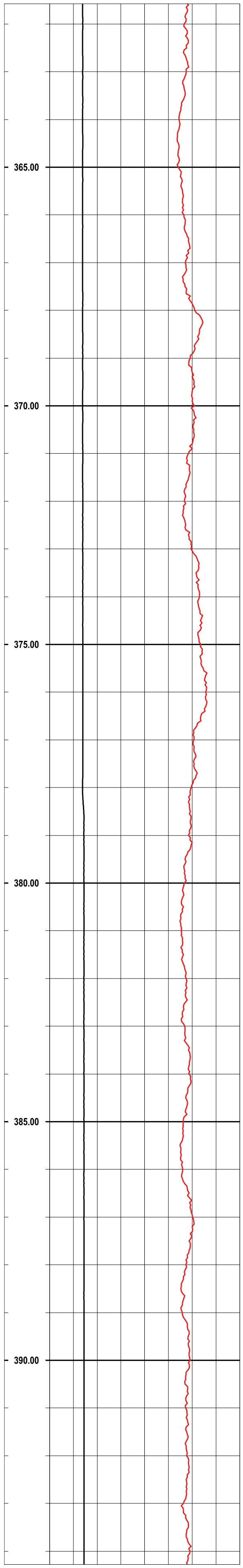
240.00
245.00
250.00
255.00
260.00

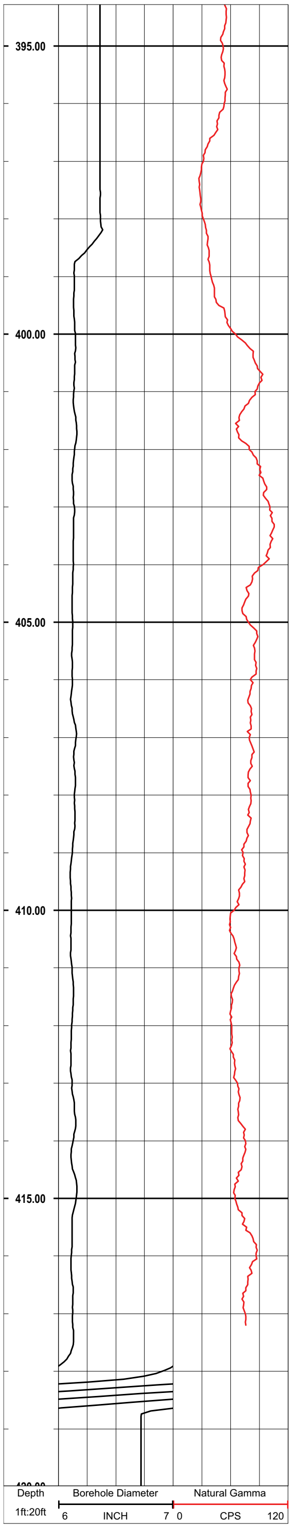

265.00
270.00
275.00
280.00
285.00
290.00
295.00


300.00
305.00
310.00
315.00
320.00
325.00


330.00
335.00
340.00
345.00
350.00
355.00
360.00



365.00
370.00
375.00
380.00
385.00
390.00


395.00
400.00
405.00
410.00
415.00
Depth
1ft:20ft
Borehole Diameter
6
INCH
7
Natural Gamma
0
CPS
120

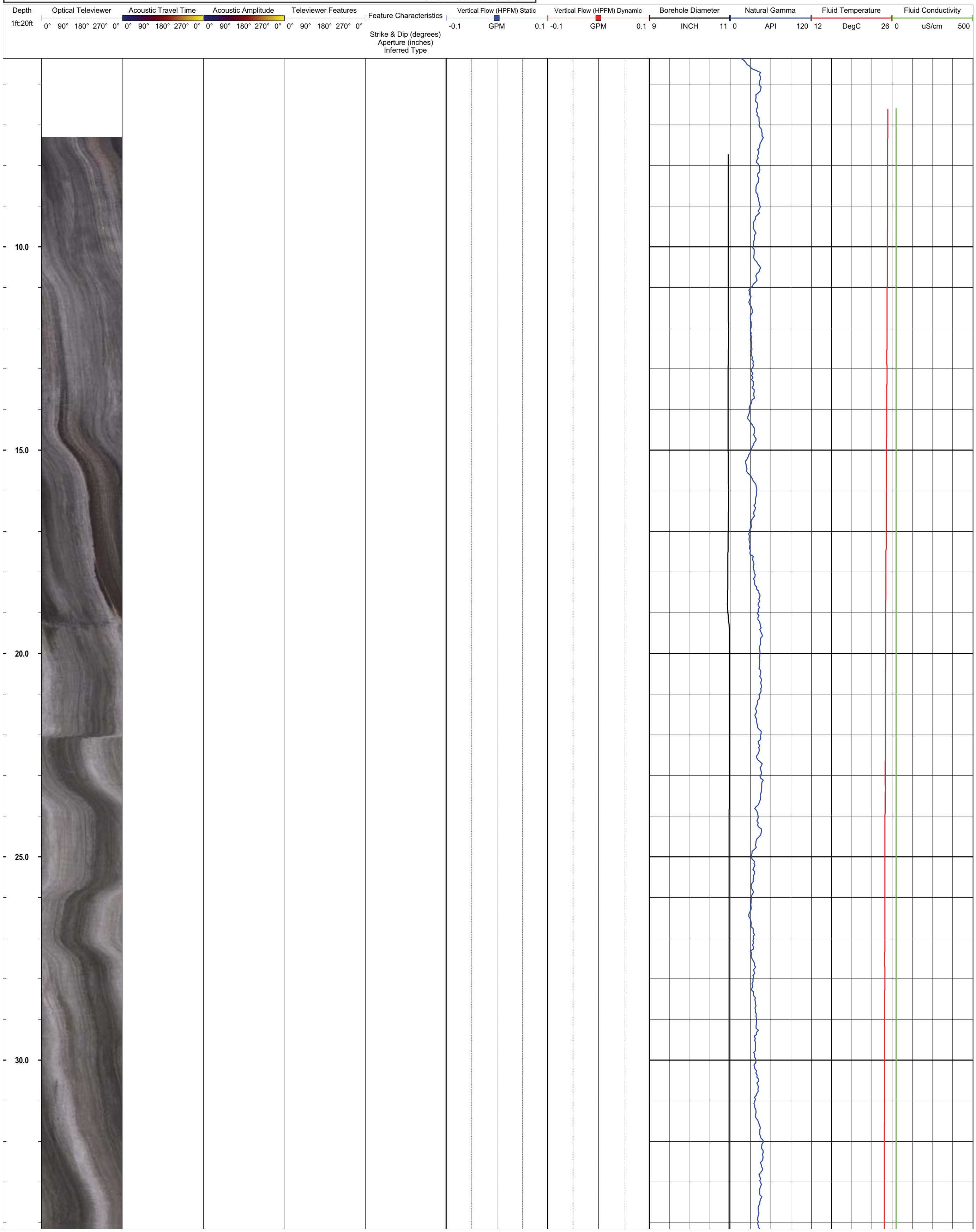
Mid-Atlantic Geosciences

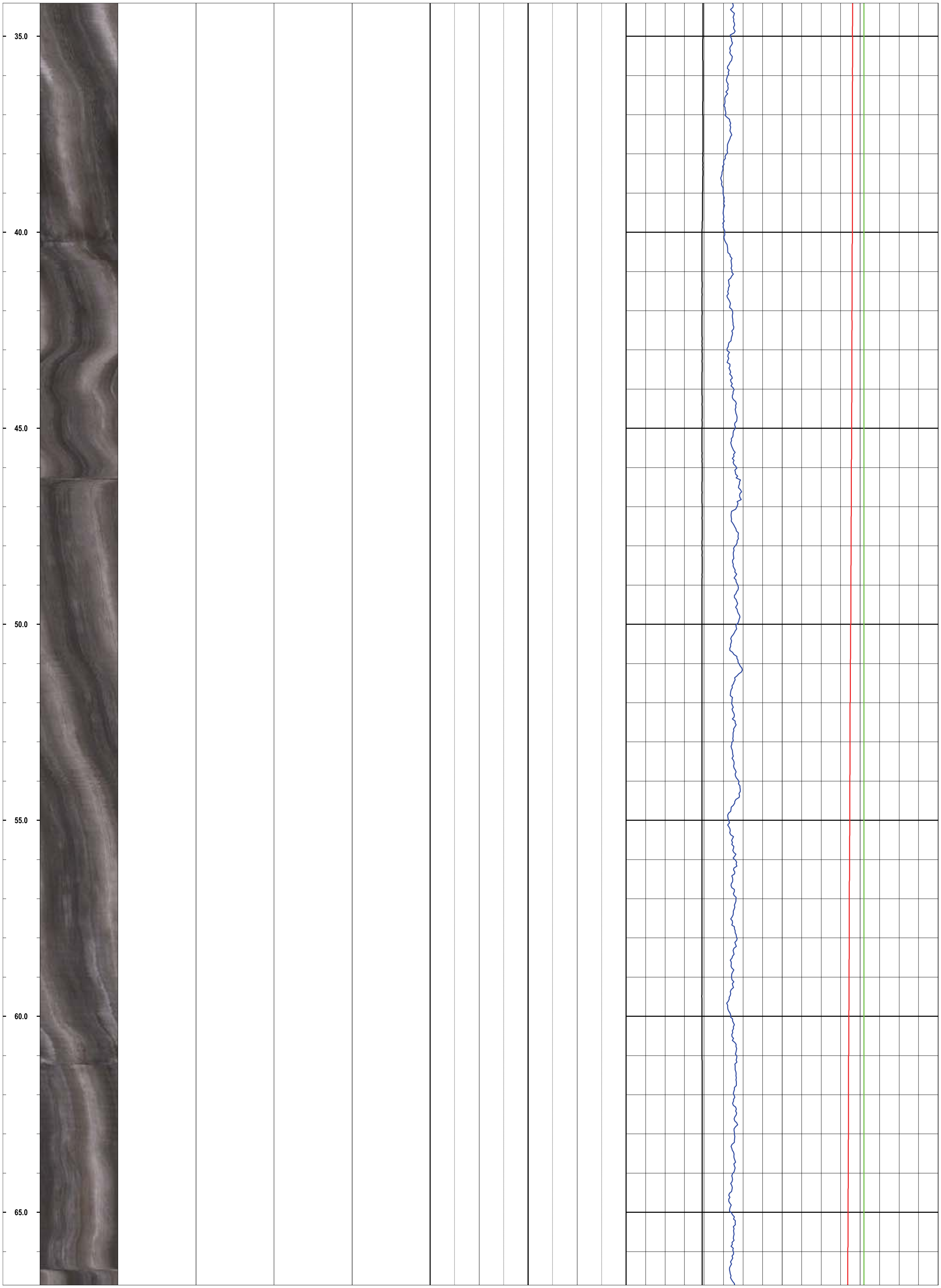
Title: *Televiewer, Geophysical and Flowmeter Logs*

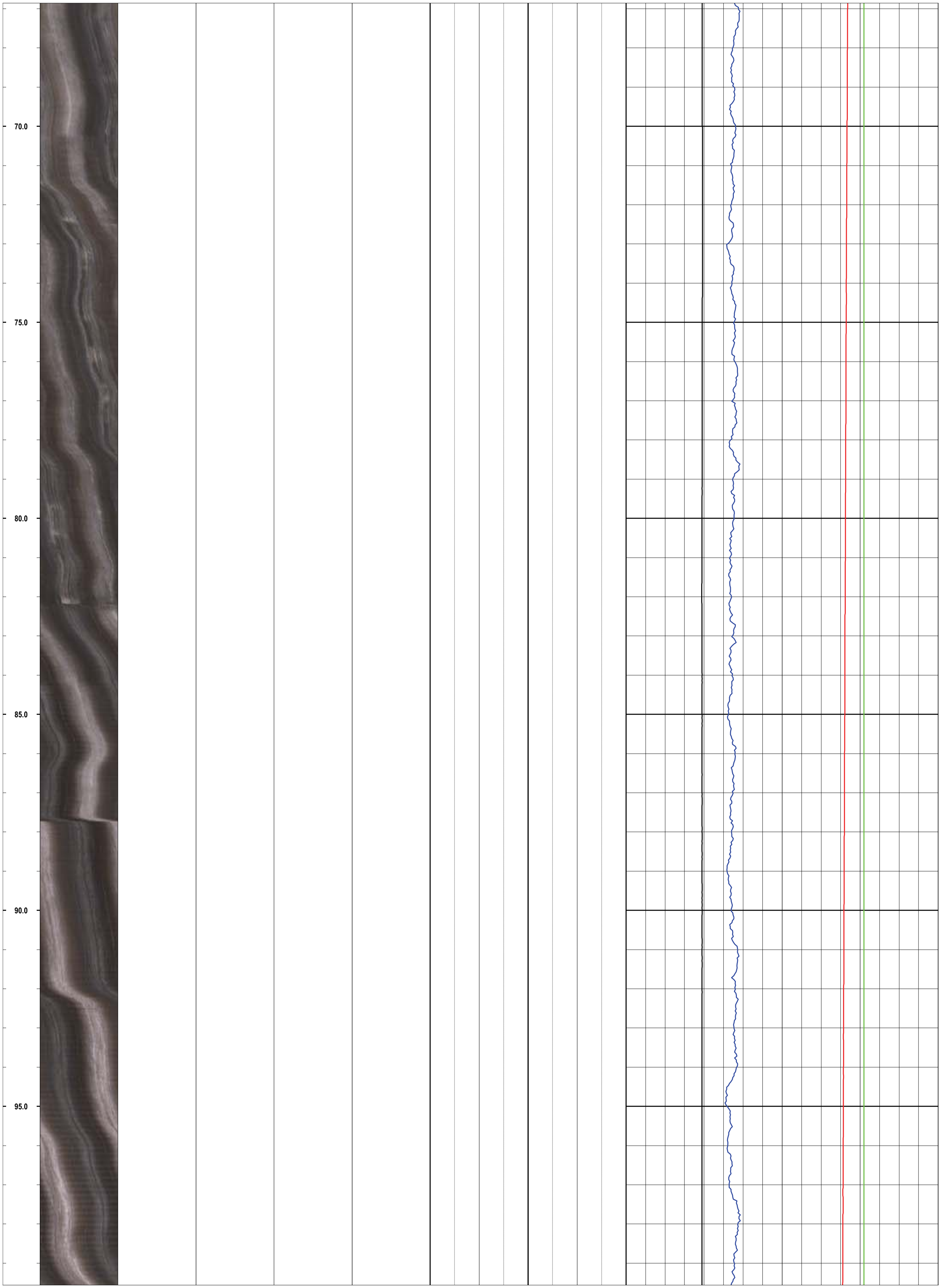
WELL ID *MW-171C*

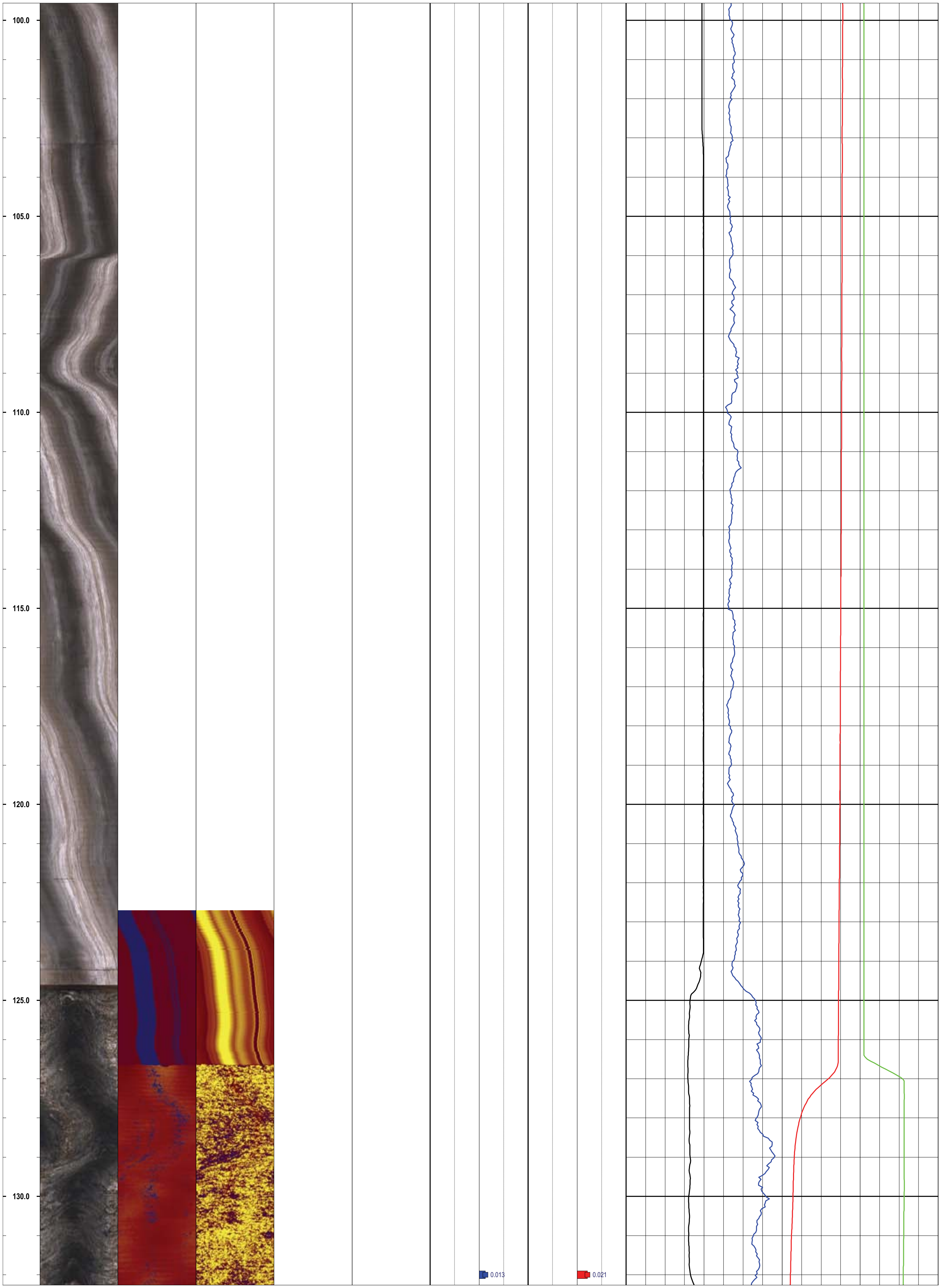
Logging Date: *06.21.2010*
Logging Datum: *Ground Surface*
BOC: *124.6'* **DTW:** *126.6'* **TD:** *248.6'*

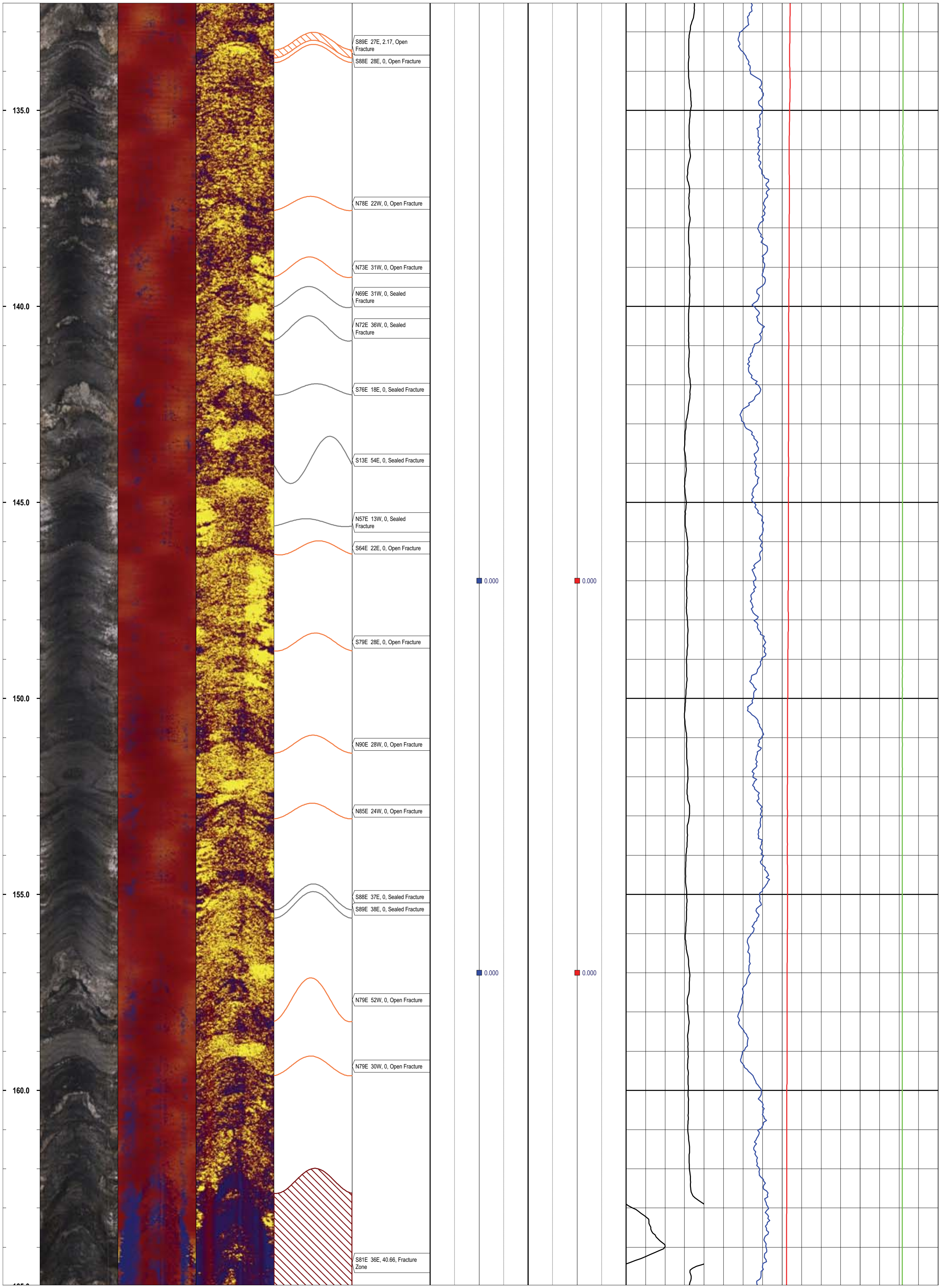
Site Name: *14258 Jarrettsville Pike*
Location: *Phoenix, MD*
Client: *Kleinfelder*
Project No.: *051013*
Revision Date: *06.23.2010*




35.0
40.0
45.0
50.0
55.0
60.0
65.0


70.0
75.0
80.0
85.0
90.0
95.0


100.0
105.0
110.0
115.0
120.0
125.0
130.0
0.013
0.021


135.0
140.0
145.0
150.0
155.0
160.0
S89E 27E, 2.17, Open Fracture
S88E 28E, 0, Open Fracture
N78E 22W, 0, Open Fracture
N73E 31W, 0, Open Fracture
N69E 31W, 0, Sealed Fracture
N72E 36W, 0, Sealed Fracture
S76E 18E, 0, Sealed Fracture
S13E 54E, 0, Sealed Fracture
N57E 13W, 0, Sealed Fracture
S64E 22E, 0, Open Fracture
S79E 28E, 0, Open Fracture
N90E 28W, 0, Open Fracture
N85E 24W, 0, Open Fracture
S88E 37E, 0, Sealed Fracture
S89E 38E, 0, Sealed Fracture
N79E 52W, 0, Open Fracture
N79E 30W, 0, Open Fracture
S81E 36E, 40.66, Fracture Zone
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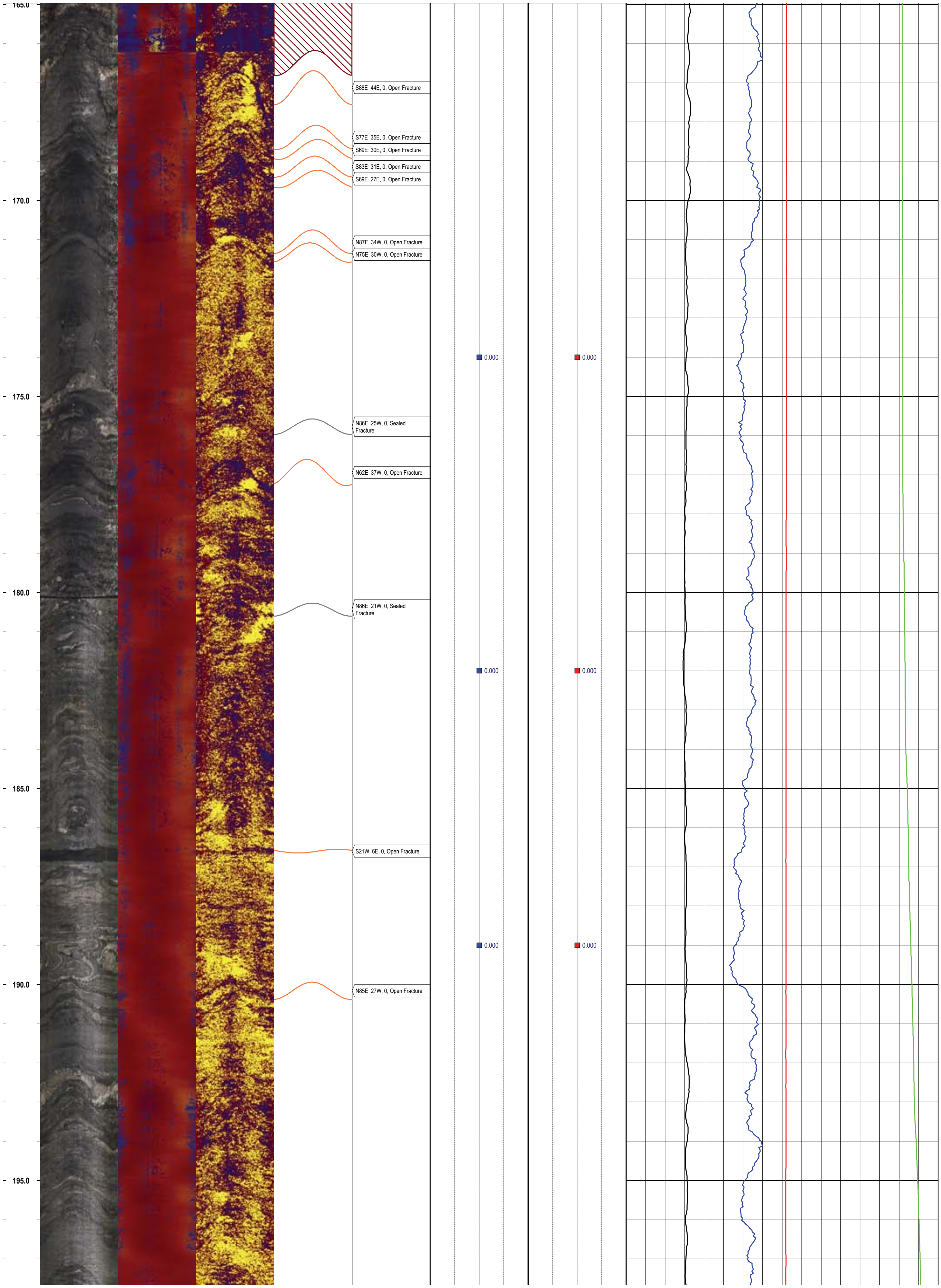
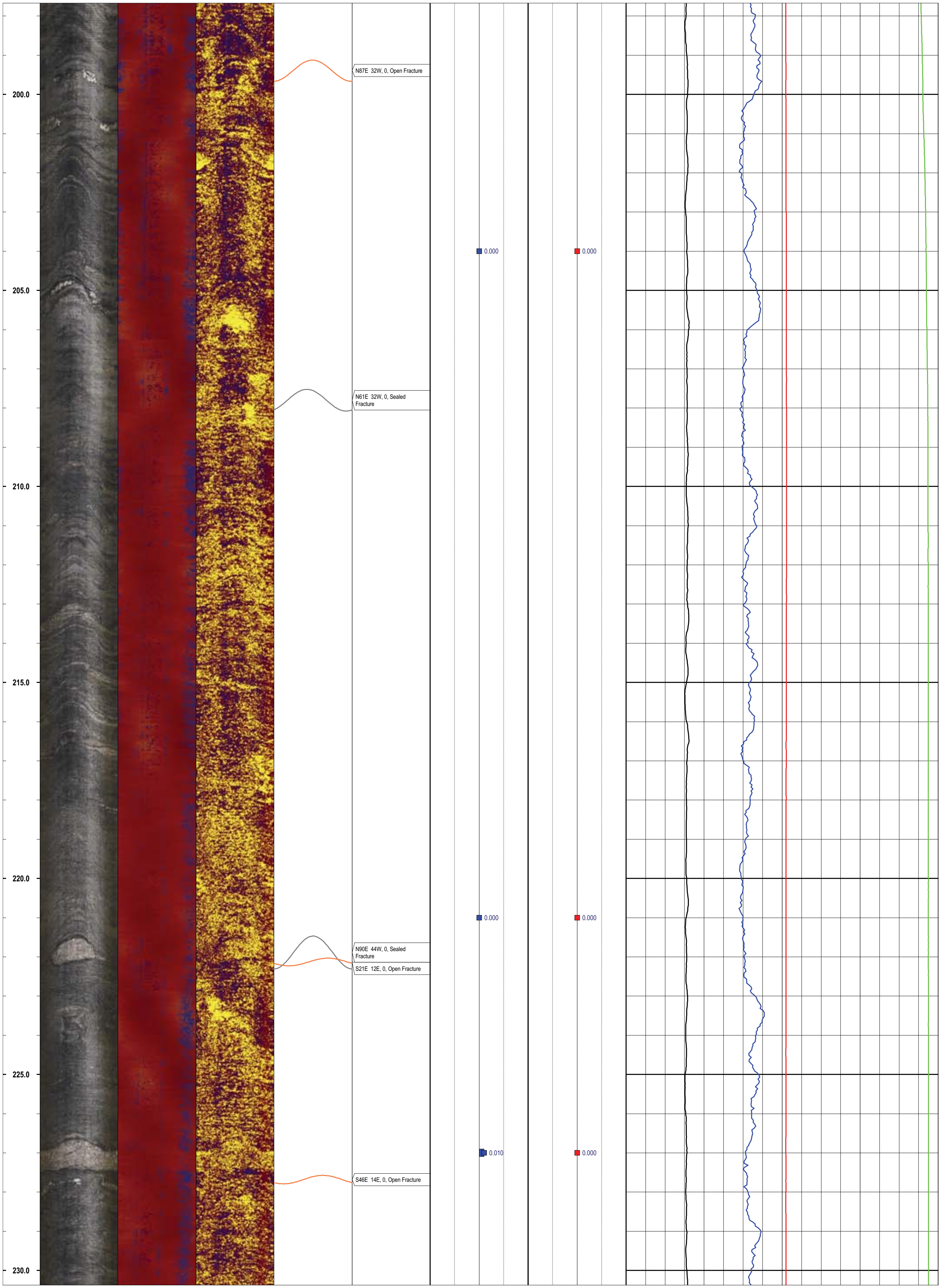
0.000
0.000
0.000


165.0
S88E 44E, 0, Open Fracture
S77E 35E, 0, Open Fracture
S69E 30E, 0, Open Fracture
S83E 31E, 0, Open Fracture
S69E 27E, 0, Open Fracture
170.0
N87E 34W, 0, Open Fracture
N75E 30W, 0, Open Fracture
0.000
0.000
175.0
N86E 25W, 0, Sealed Fracture
N62E 37W, 0, Open Fracture
180.0
N86E 21W, 0, Sealed Fracture
0.000
0.000
185.0
S21W 6E, 0, Open Fracture
0.000
0.000
190.0
N85E 27W, 0, Open Fracture
195.0


200.0
205.0
210.0
215.0
220.0
225.0
230.0
N87E 32W, 0, Open Fracture
N61E 32W, 0, Sealed Fracture
N90E 44W, 0, Sealed Fracture
S21E 12E, 0, Open Fracture
S46E 14E, 0, Open Fracture
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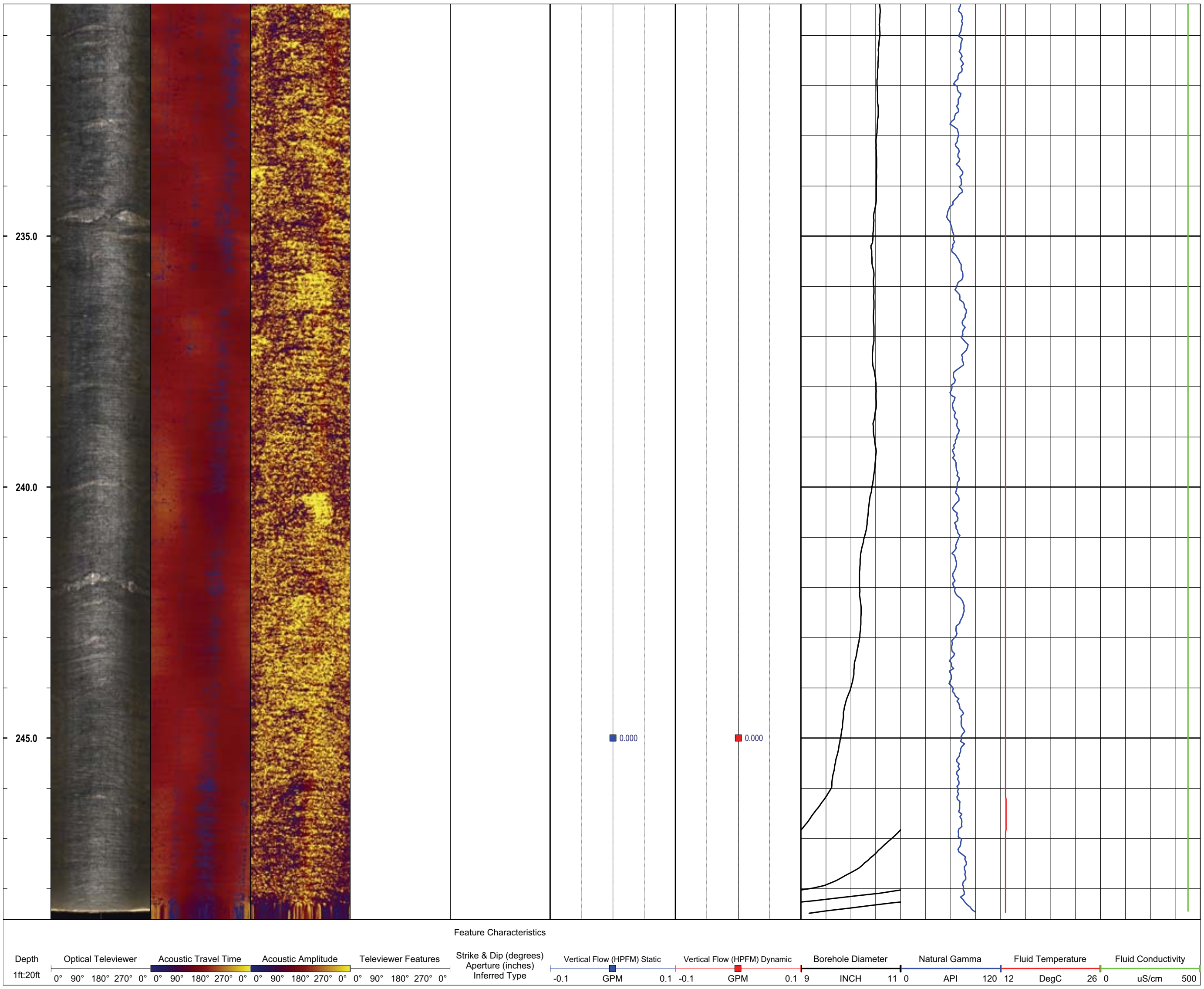
0.000
0.000
0.000
0.010
0.000


235.0
240.0
245.0
0.000
0.000
Feature Characteristics
Depth
1ft:20ft
Optical Televiewer
0° 90° 180° 270° 0°
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Vertical Flow (HPFM) Static
-0.1 GPM 0.1
Vertical Flow (HPFM) Dynamic
-0.1 GPM 0.1
Borehole Diameter
9 INCH 11
Natural Gamma
0 API 120
Fluid Temperature
12 DegC 26
Fluid Conductivity
0 uS/cm 500

Mid-Atlantic Geosciences

Title: *Televiewer, Geophysical, and Flowmeter Logs*

WELL ID	Logging Date: 06.11.2010
MW-176	Logging Datum: Ground Surface
	BOC: 125' DTW: 109.9' TD: 250.1'

Site Name: *Jarrettsville Pike*
Location: *Phoenix, MD*
Client: *Kleinfelder*
Project No.: *120919b*
Revision Date: *06.14.2010*

Depth	Optical Televiewer	Acoustic Travel Time	Acoustic Amplitude	Televiewer Features	Feature Characteristics	Vertical Flow (HPFM) Static	Vertical Flow (HPFM) Dynamic	Borehole Diameter	Natural Gamma	Fluid Temperature	Fluid Conductivity
1ft:20ft	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	Strike & Dip (degrees) Aperture (inches) Inferred Type	-0.1 GPM 0.1	-0.1 GPM 0.1	10 INCH 12	0 API 120	10 DegC 30	0 uS/cm 1000


35.0
40.0
45.0
50.0
55.0
60.0
65.0

70.0

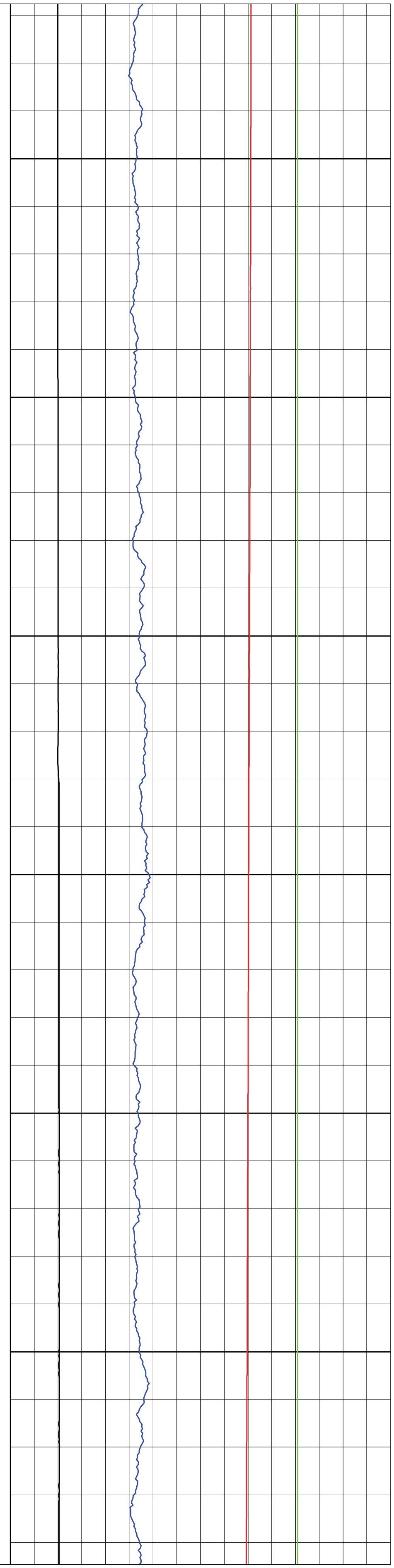
75.0

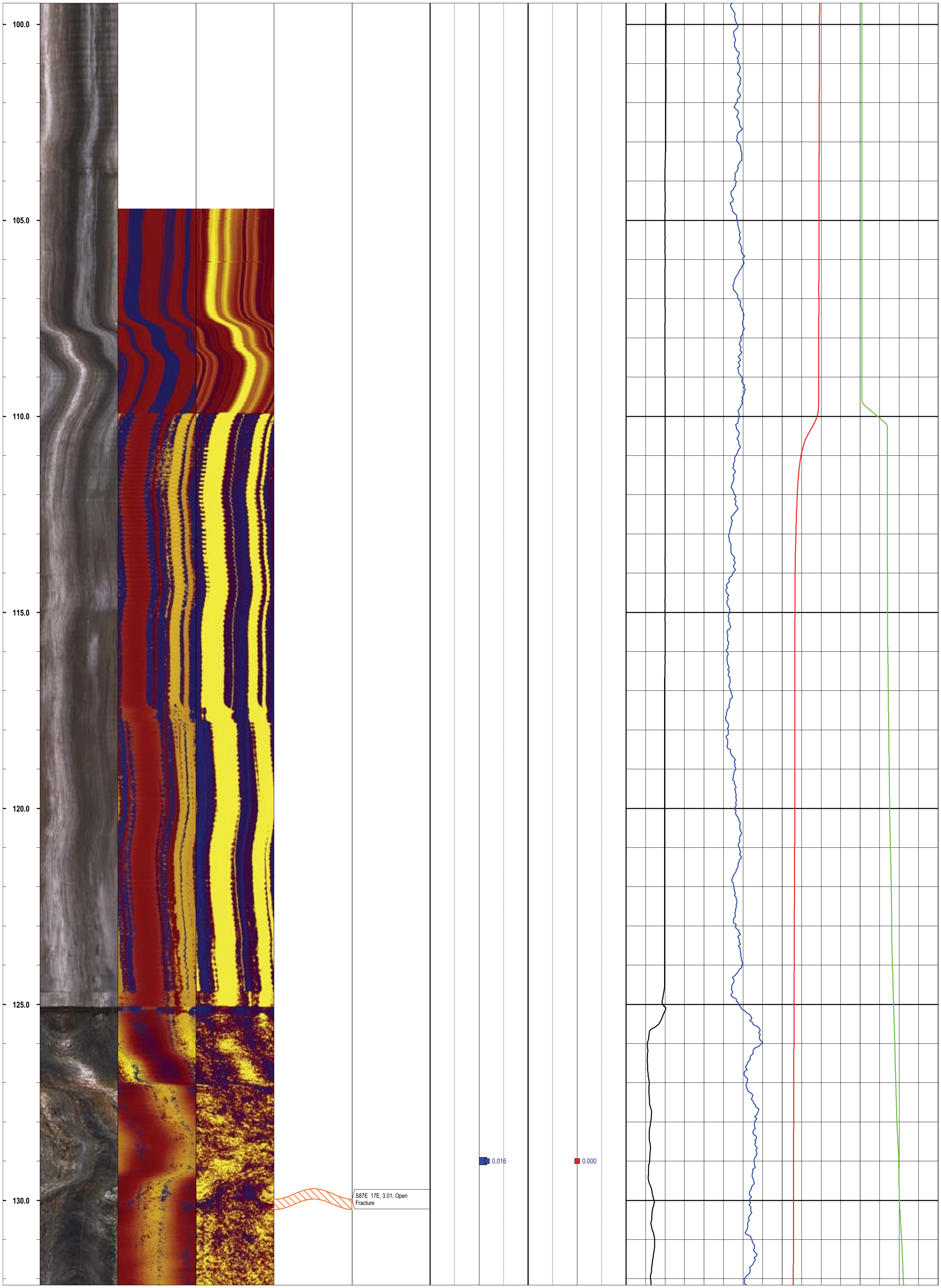
80.0

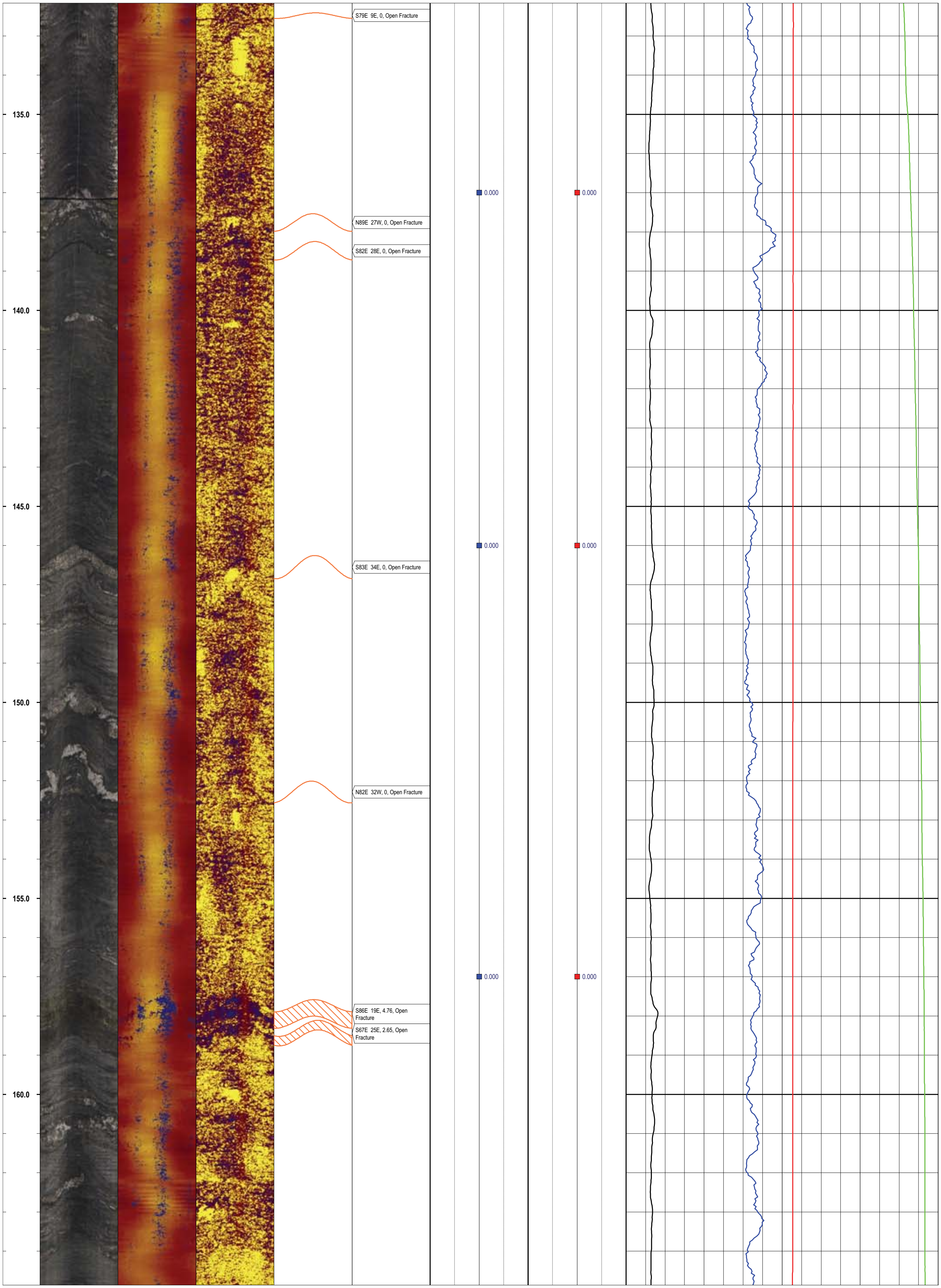
85.0

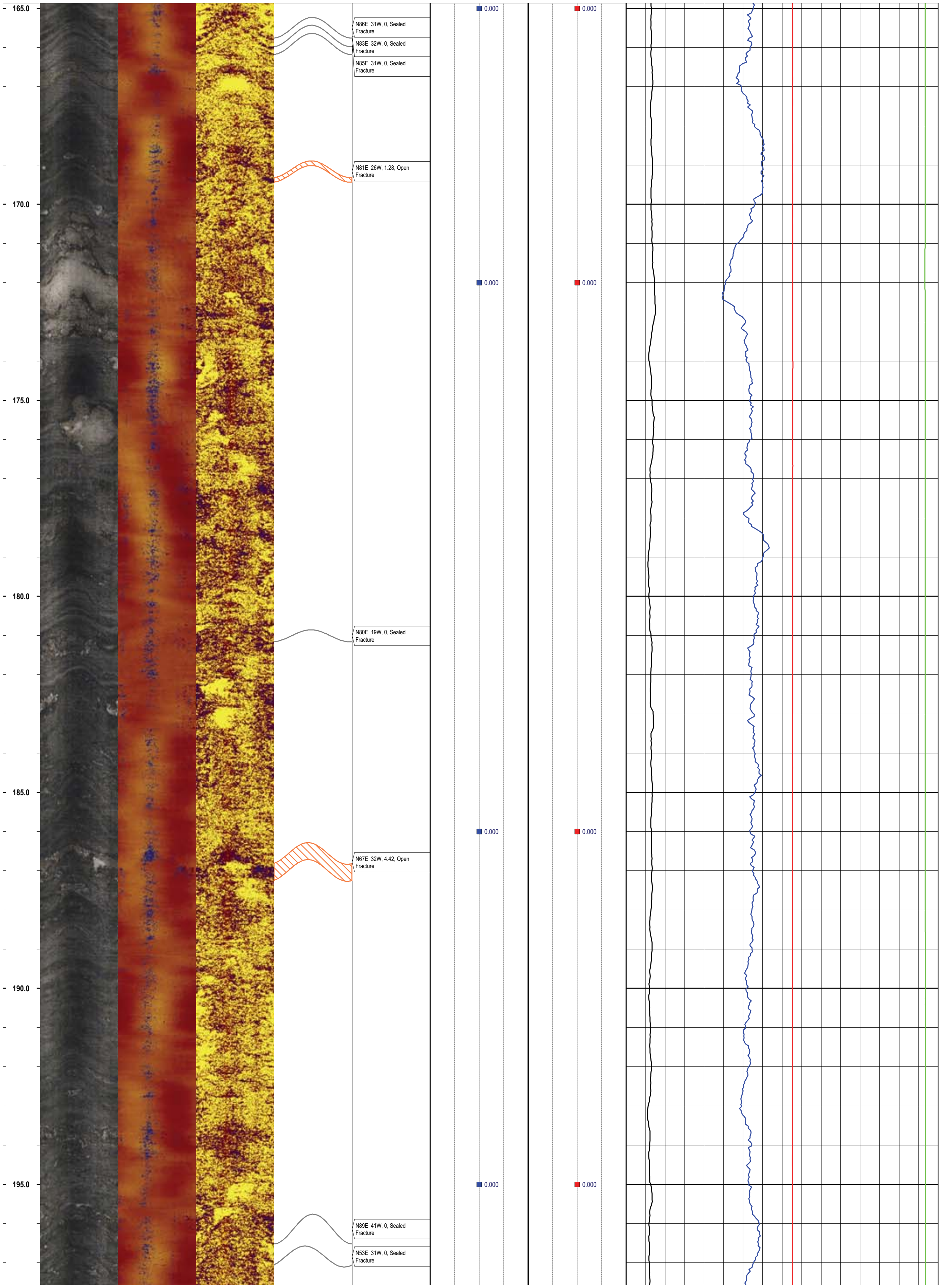
90.0

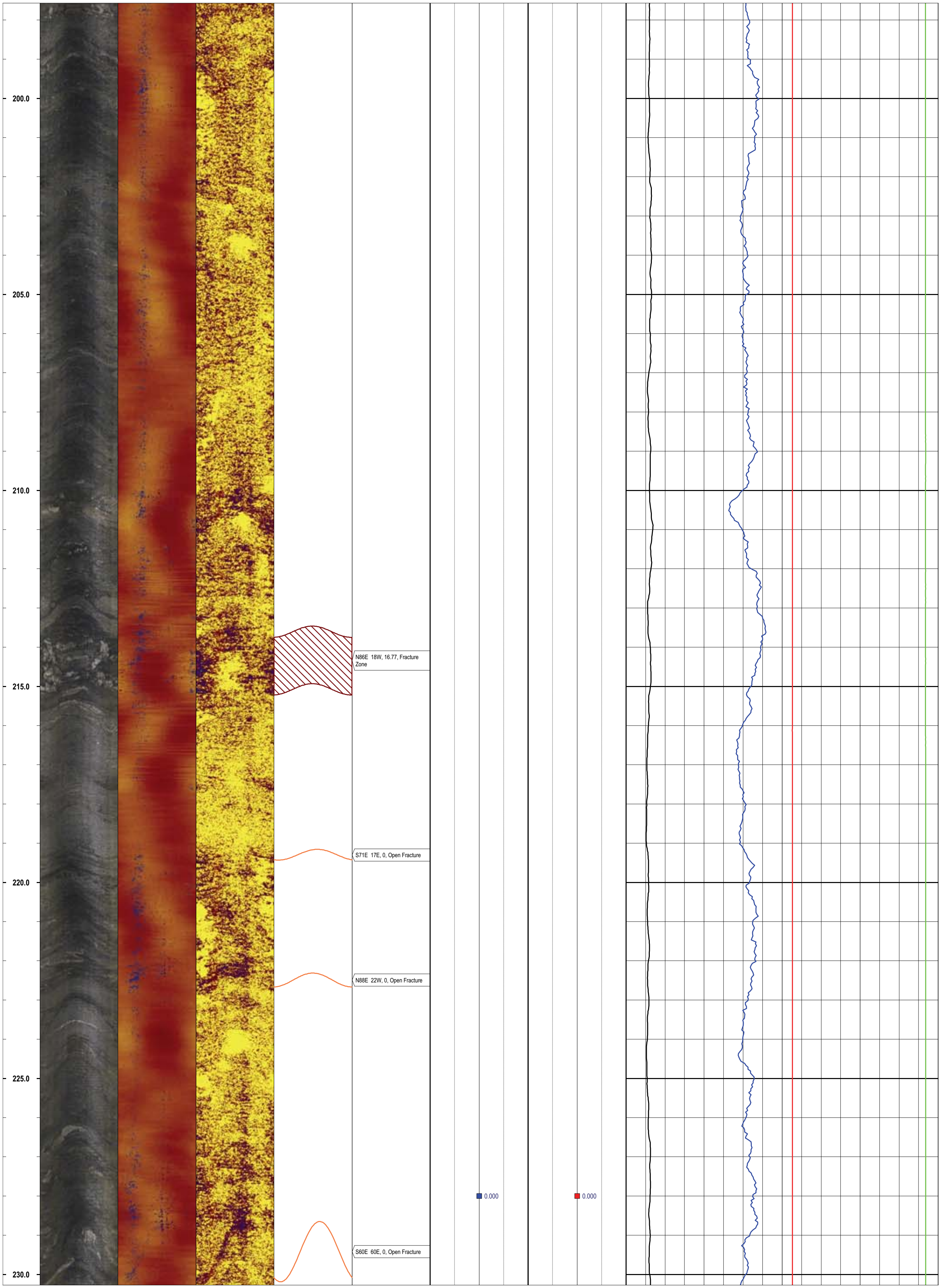
95.0



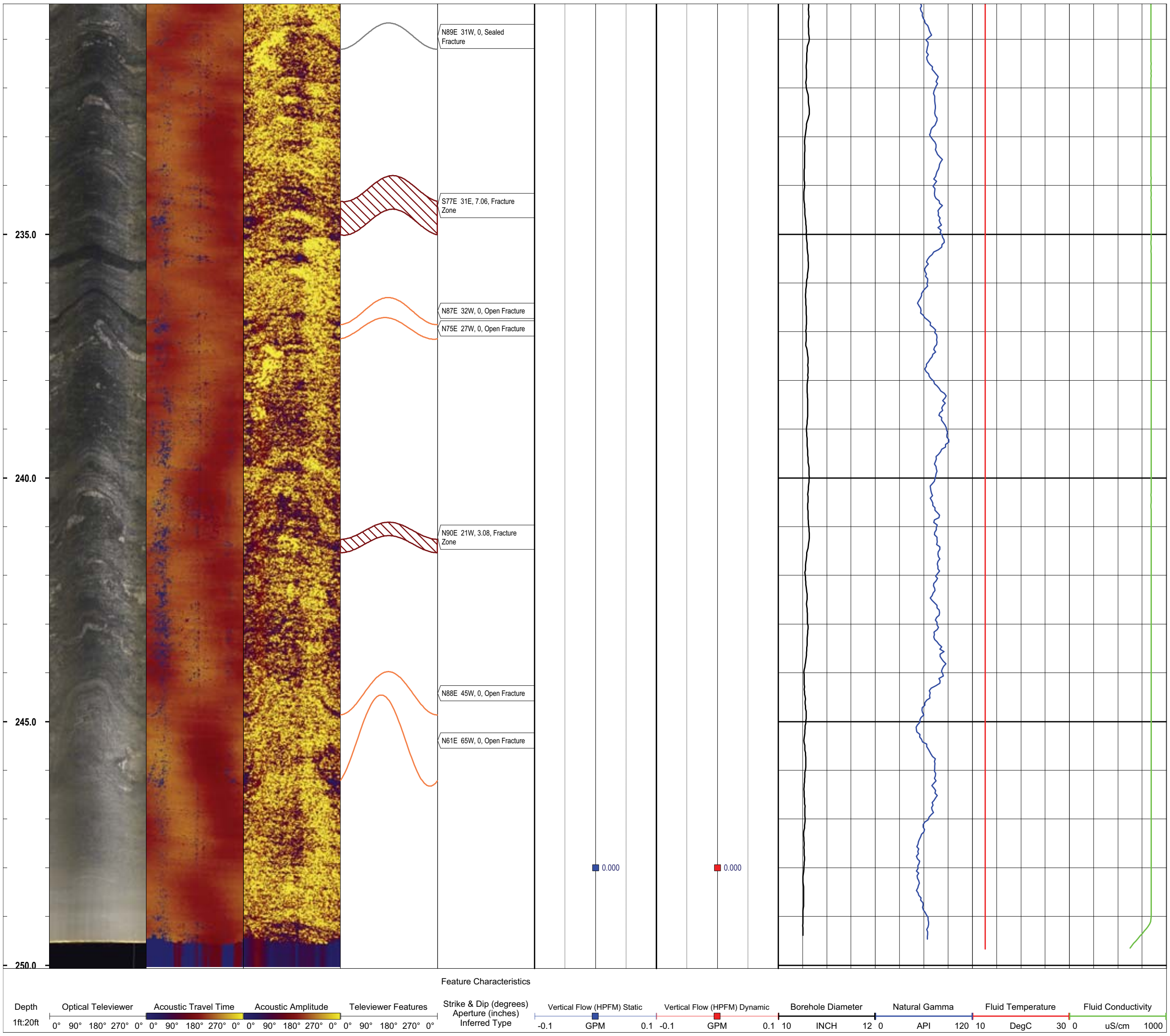

100.0
105.0
110.0
115.0
120.0
125.0
130.0
S87E 17E, 3.01, Open Fracture
0.016
0.000


135.0
140.0
145.0
150.0
155.0
160.0
S79E 9E, 0, Open Fracture
N89E 27W, 0, Open Fracture
S82E 28E, 0, Open Fracture
S83E 34E, 0, Open Fracture
N82E 32W, 0, Open Fracture
S86E 19E, 4.76, Open Fracture
S67E 25E, 2.65, Open Fracture
0.000
0.000
0.000
0.000
0.000
0.000


165.0
170.0
175.0
180.0
185.0
190.0
195.0
N86E 31W, 0, Sealed Fracture
N83E 32W, 0, Sealed Fracture
N85E 31W, 0, Sealed Fracture
N81E 26W, 1.28, Open Fracture
N80E 19W, 0, Sealed Fracture
N67E 32W, 4.42, Open Fracture
N89E 41W, 0, Sealed Fracture
N53E 31W, 0, Sealed Fracture
0.000
0.000
0.000
0.000
0.000
0.000
0.000
0.000



200.0
205.0
210.0
215.0
220.0
225.0
230.0
N86E 18W, 16.77, Fracture Zone
S71E 17E, 0, Open Fracture
N88E 22W, 0, Open Fracture
S60E 60E, 0, Open Fracture
0.000
0.000



N89E 31W, 0, Sealed Fracture
S77E 31E, 7.06, Fracture Zone
N87E 32W, 0, Open Fracture
N75E 27W, 0, Open Fracture
N90E 21W, 3.08, Fracture Zone
N88E 45W, 0, Open Fracture
N61E 65W, 0, Open Fracture
0.000
0.000
235.0
240.0
245.0
250.0
Feature Characteristics
Depth
1ft:20ft
Optical Televiewer
0° 90° 180° 270° 0°
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Vertical Flow (HPFM) Static
-0.1 GPM 0.1
Vertical Flow (HPFM) Dynamic
-0.1 GPM 0.1
Borehole Diameter
10 INCH 12
Natural Gamma
0 API 120
Fluid Temperature
10 DegC 30
Fluid Conductivity
0 uS/cm 1000

Mid-Atlantic Geosciences

Title: *051013-MW-177*

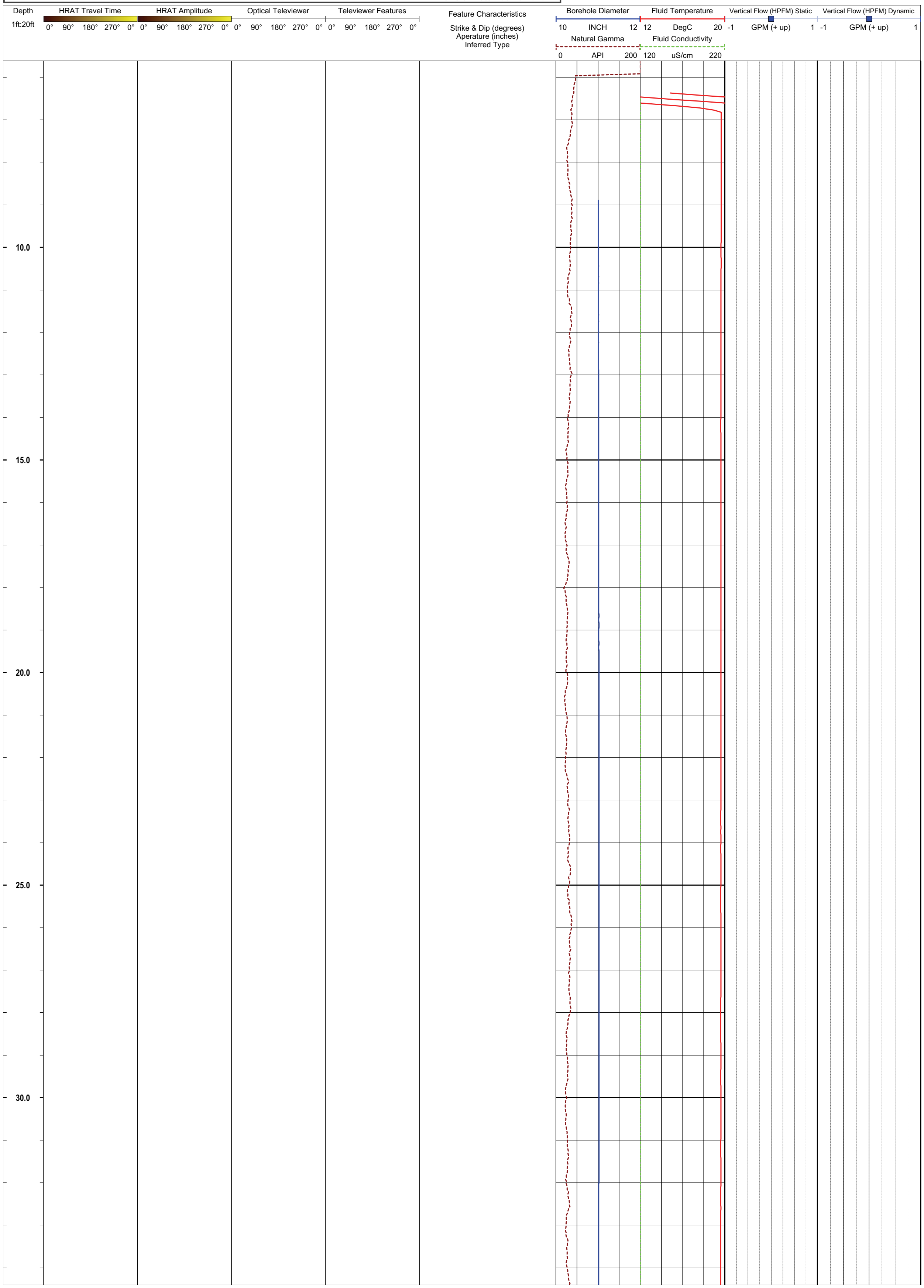
WELL ID *MW-177*

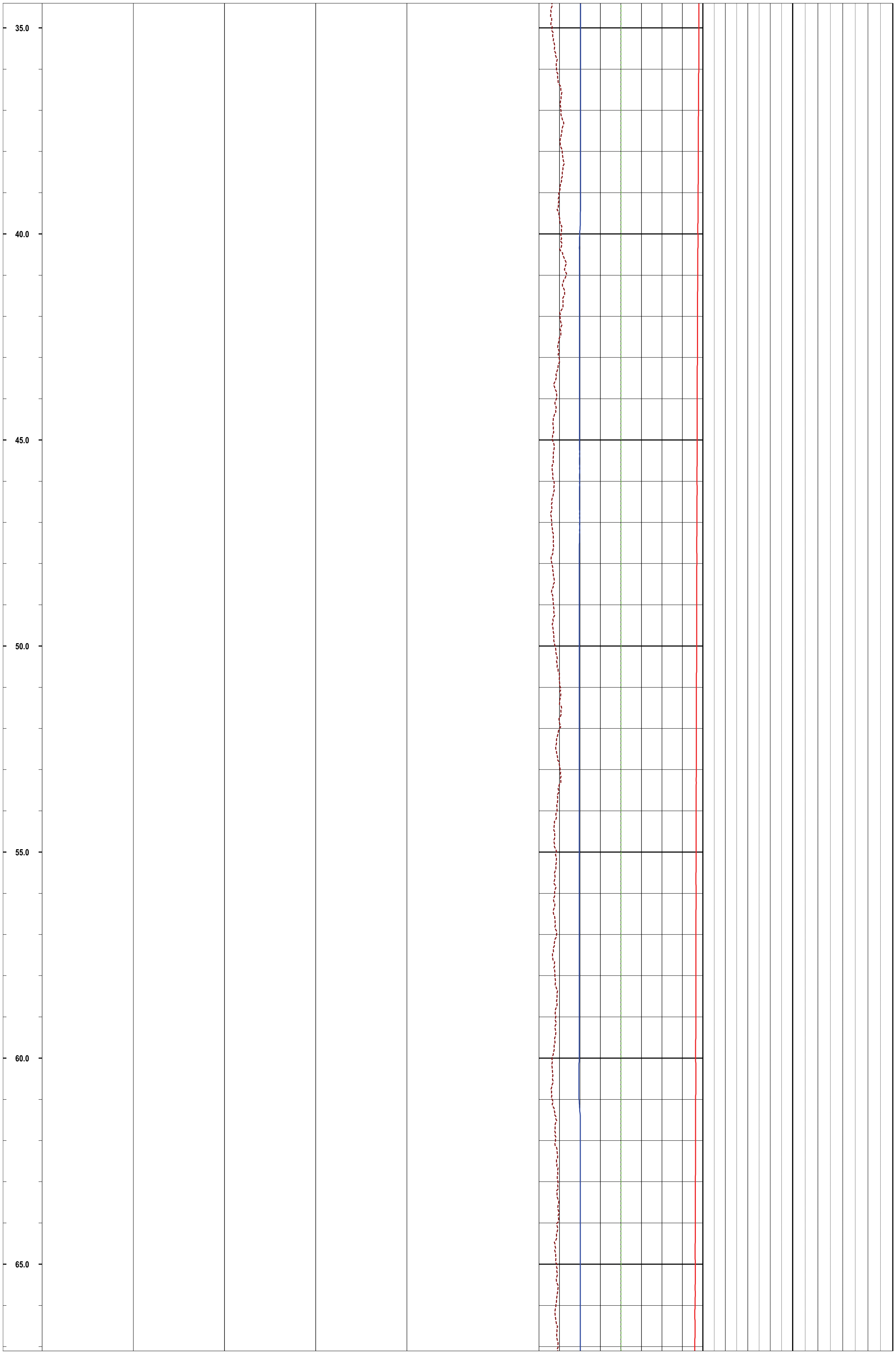
Logging Date: *5.21.2010*
Logging Datum: *GS*
BOC: *124.3'* **DTW:** *107.58'* **TD:** *250.5'*

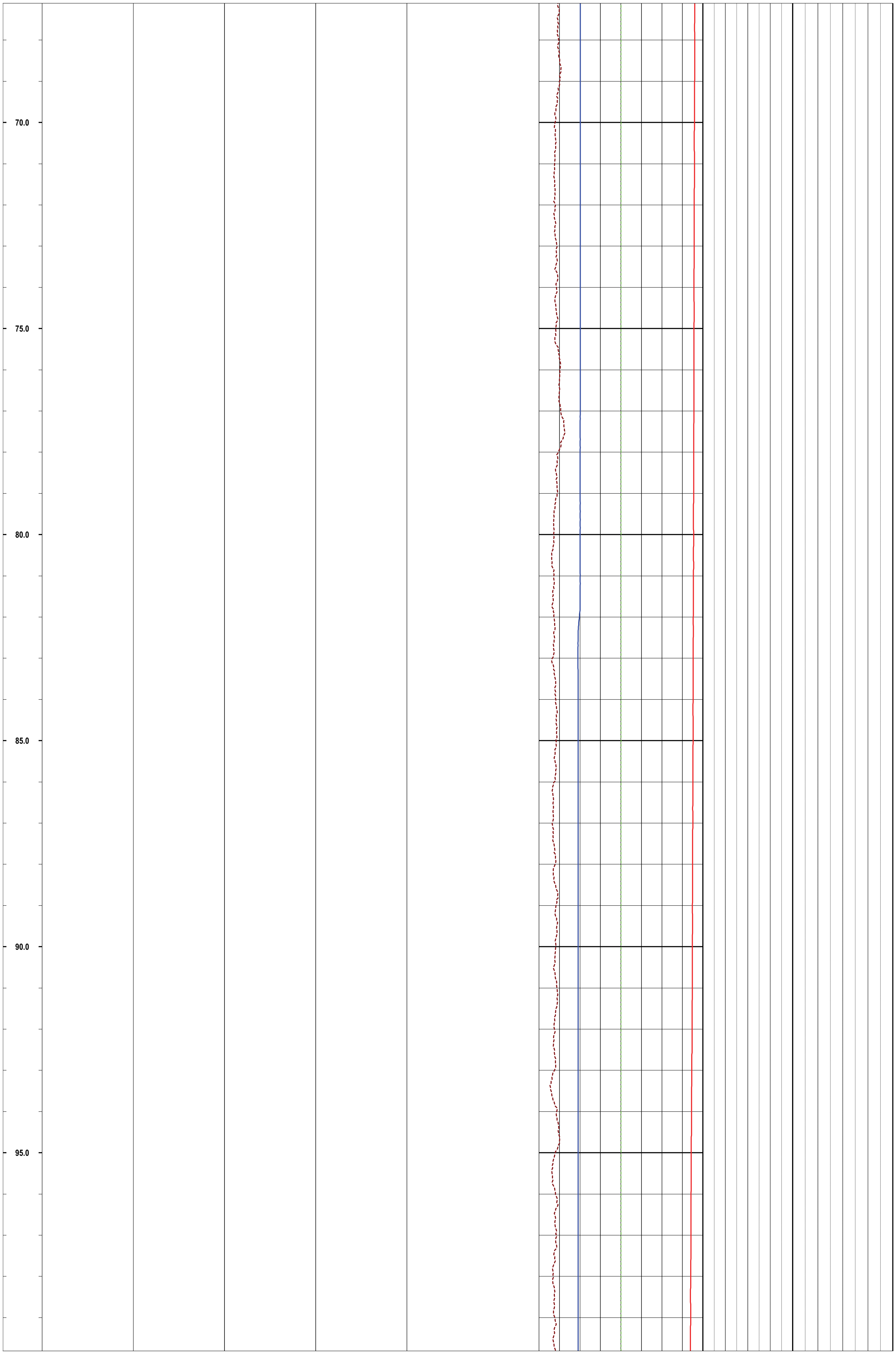
Site Name:
Location: *Phoenix, MD*

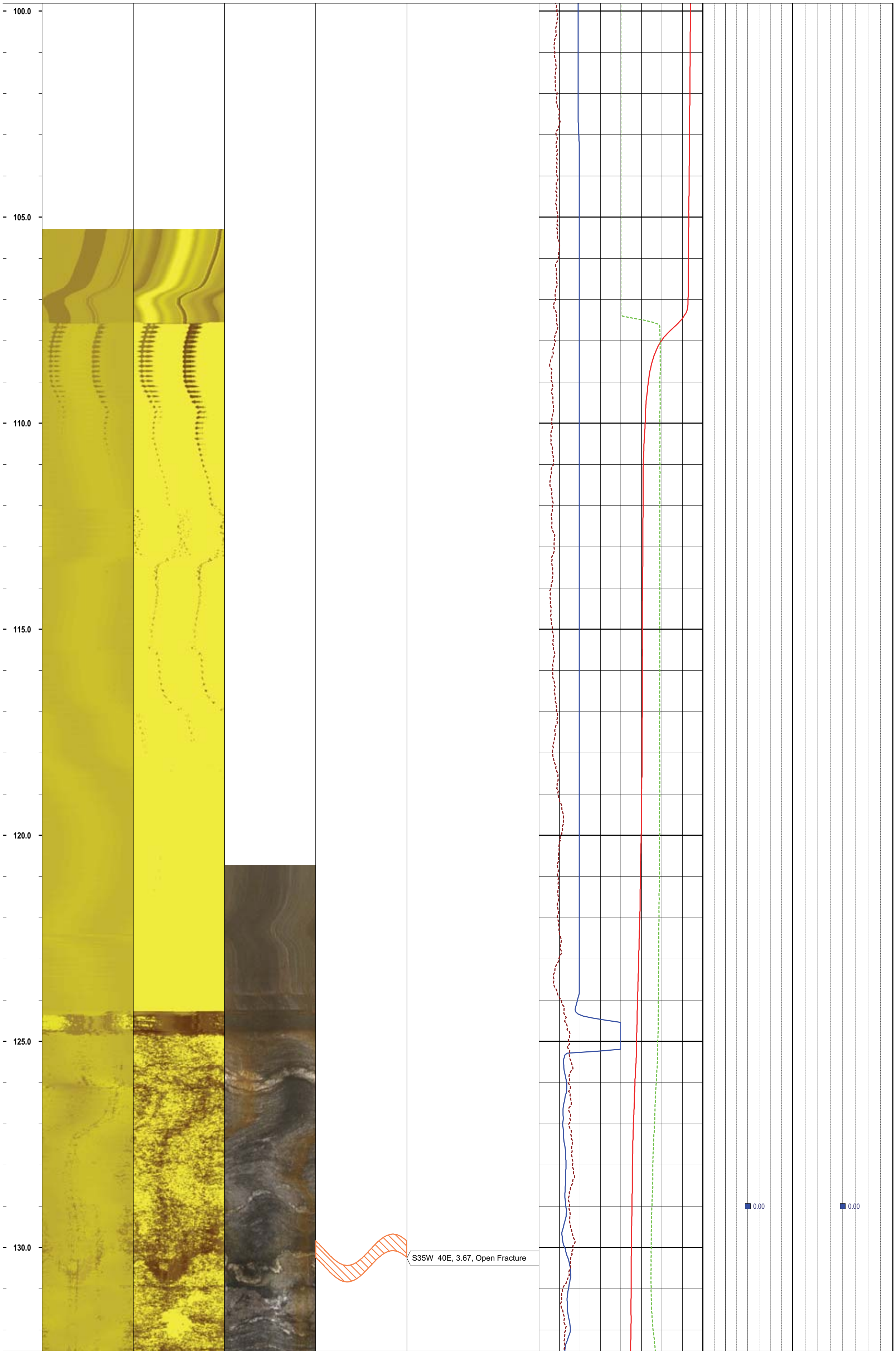
Client: *Kleinfelder*
Project No.: *051013*

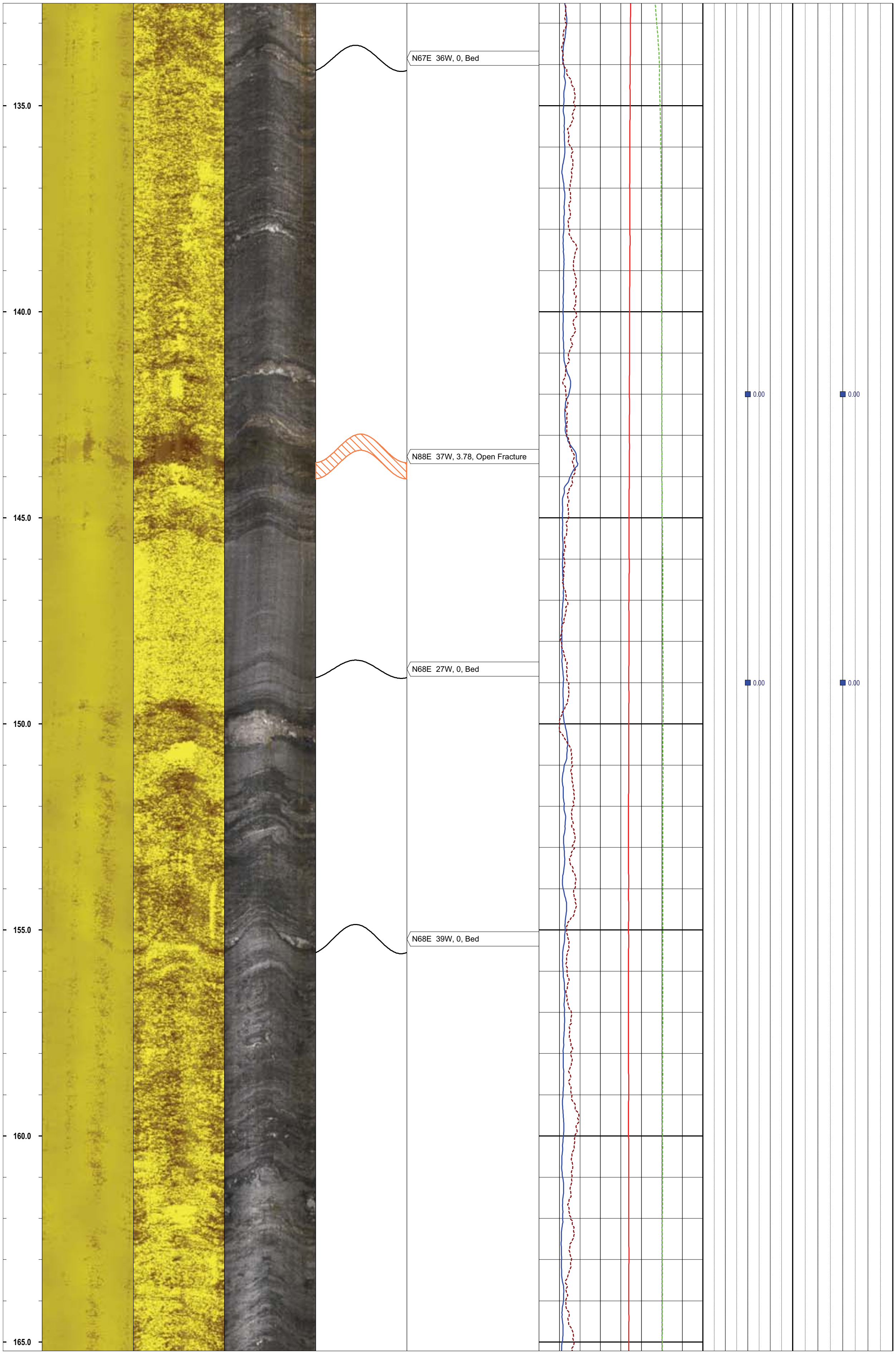
Revision Date: *05-25-2010*

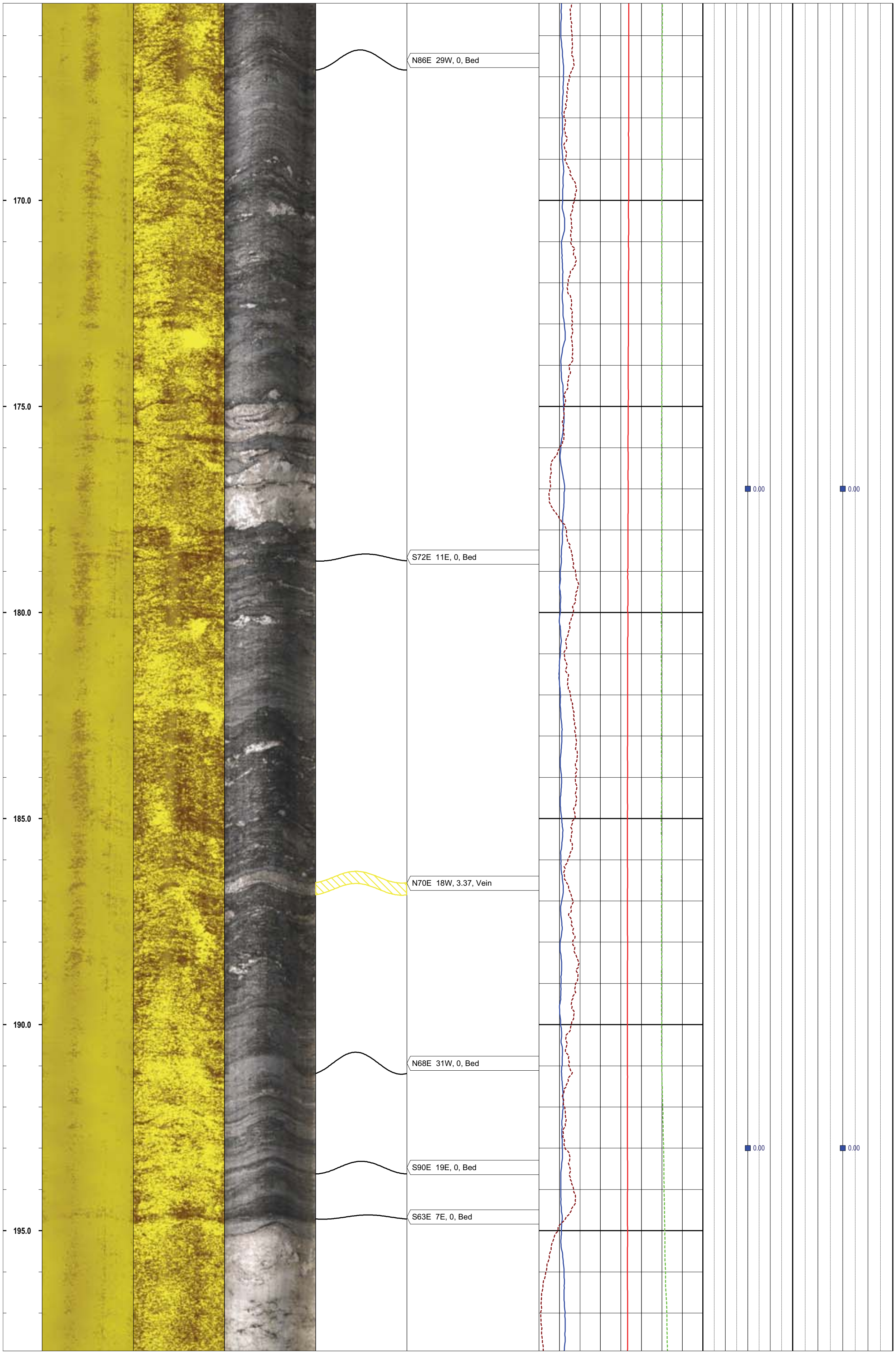


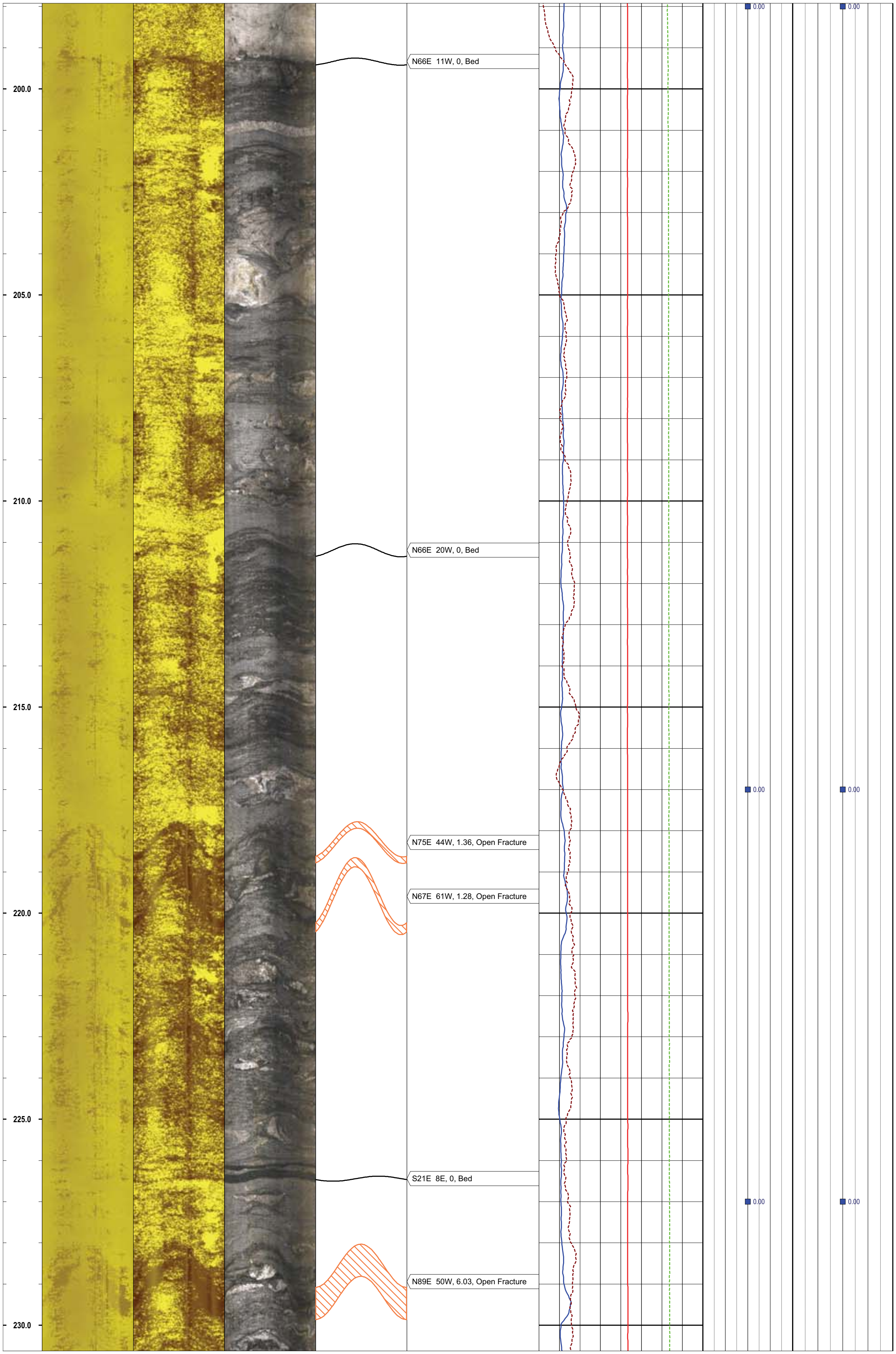

35.0
40.0
45.0
50.0
55.0
60.0
65.0

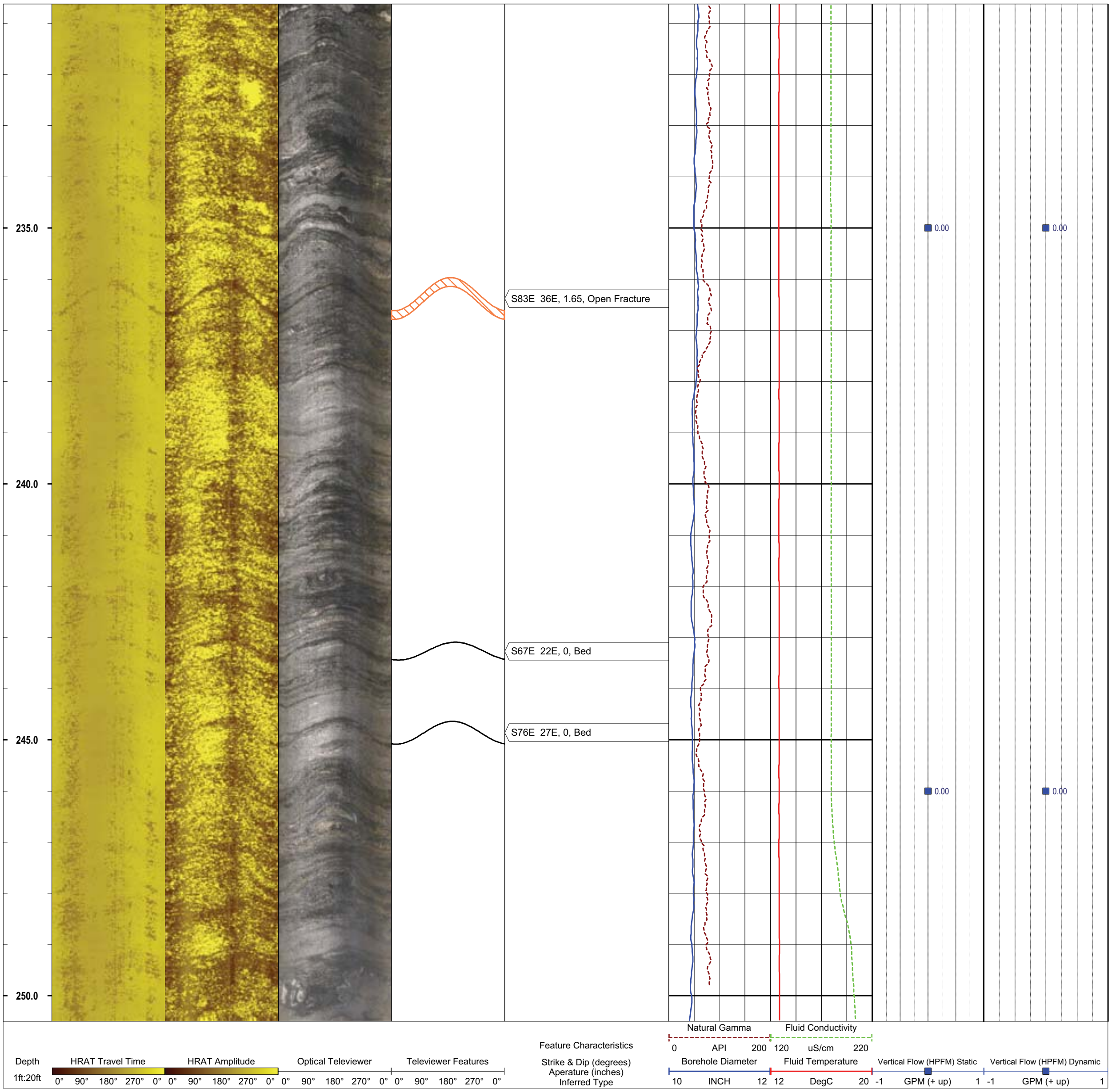

70.0
75.0
80.0
85.0
90.0
95.0


100.0
105.0
110.0
115.0
120.0
125.0
130.0
S35W 40E, 3.67, Open Fracture
0.00
0.00


135.0
140.0
145.0
150.0
155.0
160.0
165.0
N67E 36W, 0, Bed
N88E 37W, 3.78, Open Fracture
N68E 27W, 0, Bed
N68E 39W, 0, Bed
0.00
0.00
0.00
0.00


170.0
175.0
180.0
185.0
190.0
195.0
N86E 29W, 0, Bed
S72E 11E, 0, Bed
N70E 18W, 3.37, Vein
N68E 31W, 0, Bed
S90E 19E, 0, Bed
S63E 7E, 0, Bed
0.00
0.00
0.00
0.00


200.0
205.0
210.0
215.0
220.0
225.0
230.0
N66E 11W, 0, Bed
N66E 20W, 0, Bed
N75E 44W, 1.36, Open Fracture
N67E 61W, 1.28, Open Fracture
S21E 8E, 0, Bed
N89E 50W, 6.03, Open Fracture
0.00
0.00
0.00
0.00
0.00
0.00


235.0
240.0
245.0
250.0
S83E 36E, 1.65, Open Fracture
S67E 22E, 0, Bed
S76E 27E, 0, Bed
0.00
0.00
0.00
0.00
Depth
1ft:20ft
HRAT Travel Time
0° 90° 180° 270° 0°
HRAT Amplitude
0° 90° 180° 270° 0°
Optical Televiewer
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Feature Characteristics
Strike & Dip (degrees)
Aperature (inches)
Inferred Type
Natural Gamma
0 API 200
Borehole Diameter
10 INCH 12
Fluid Conductivity
120 uS/cm 220
Fluid Temperature
12 DegC 20
Vertical Flow (HPFM) Static
-1 GPM (+ up) 1
Vertical Flow (HPFM) Dynamic
-1 GPM (+ up) 1

Mid-Atlantic Geosciences

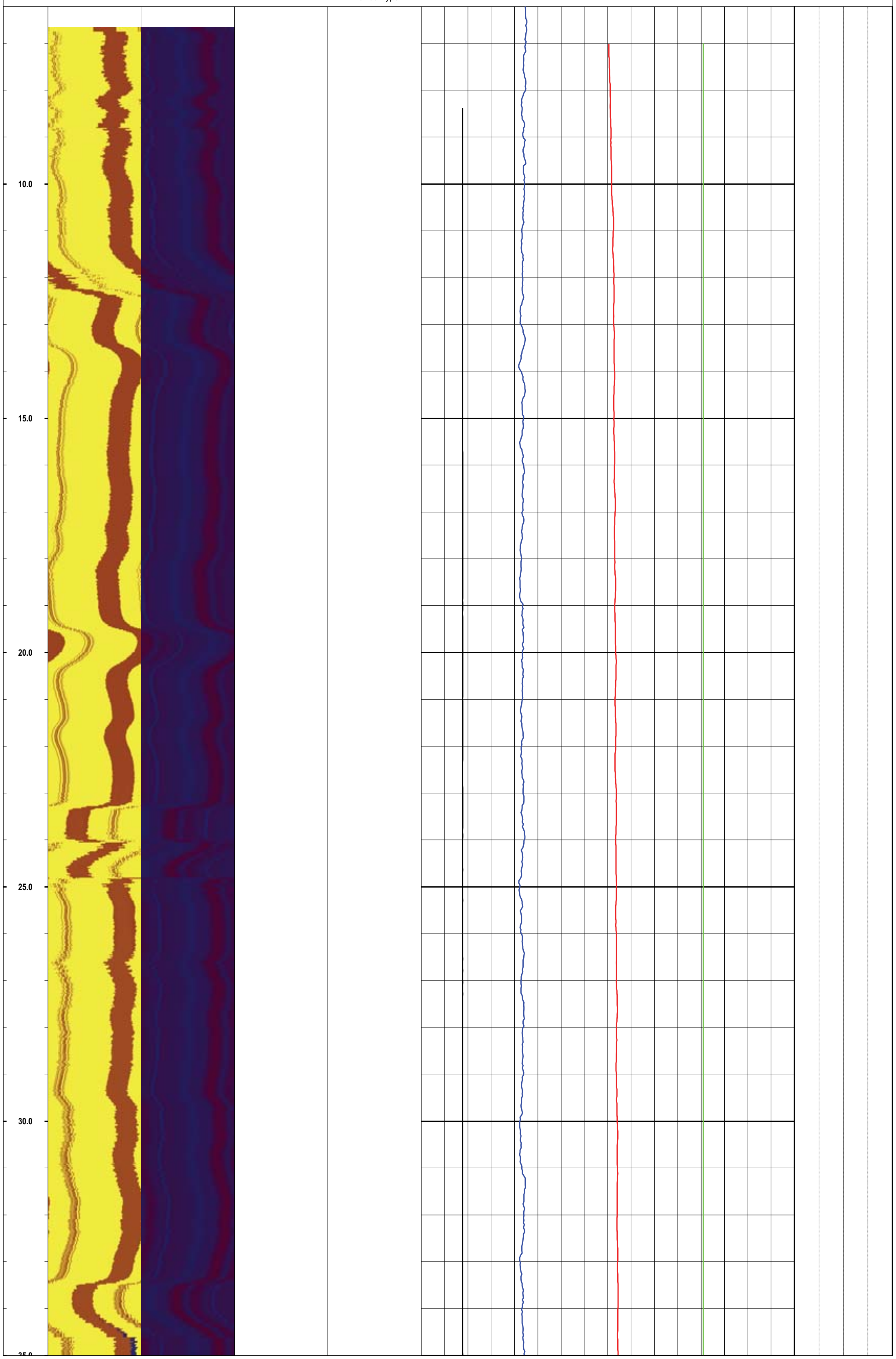
Title: *Televiewer, Geophysical, and Flowmeter Logs*

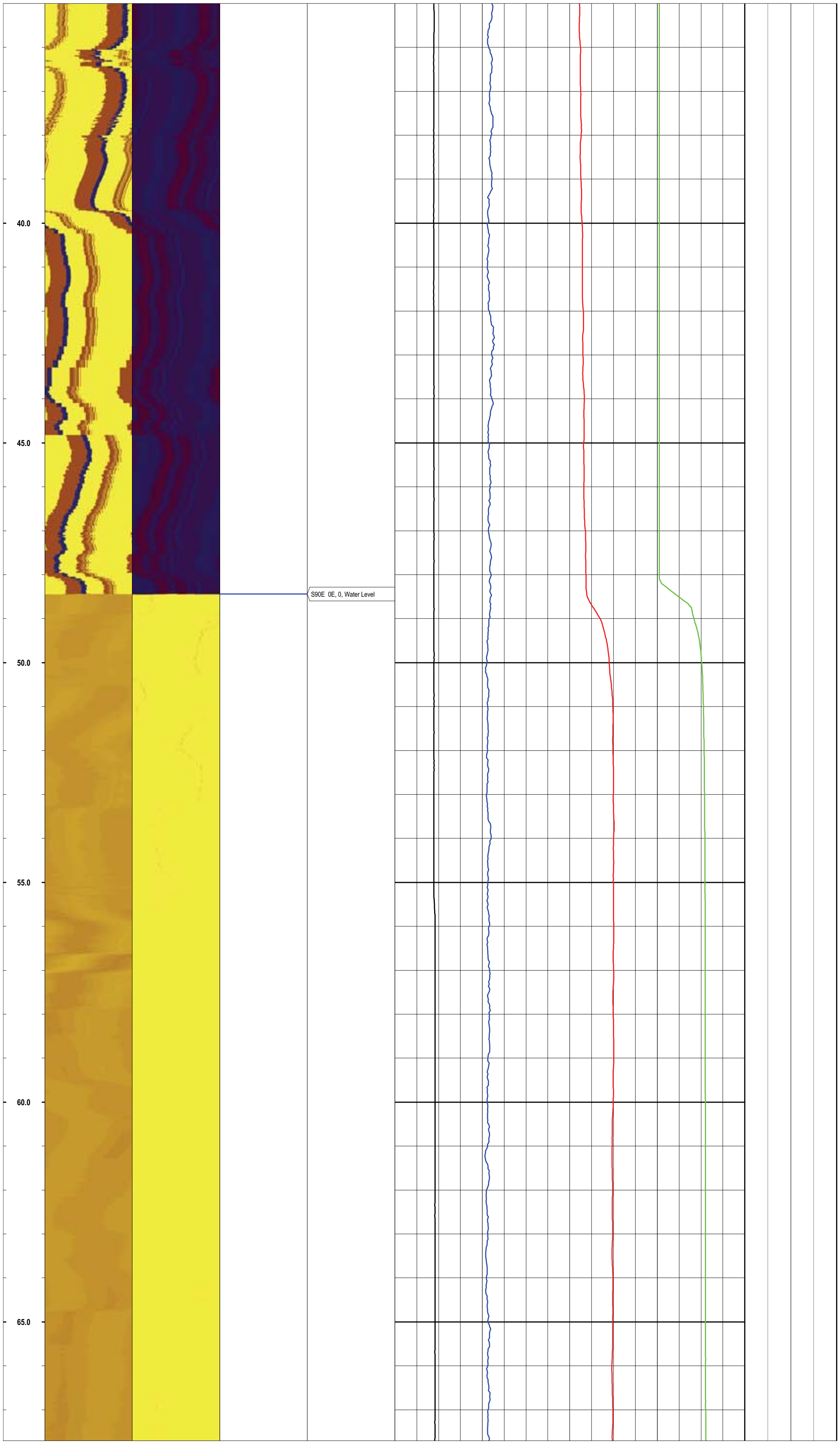
WELL ID *MW-178B*

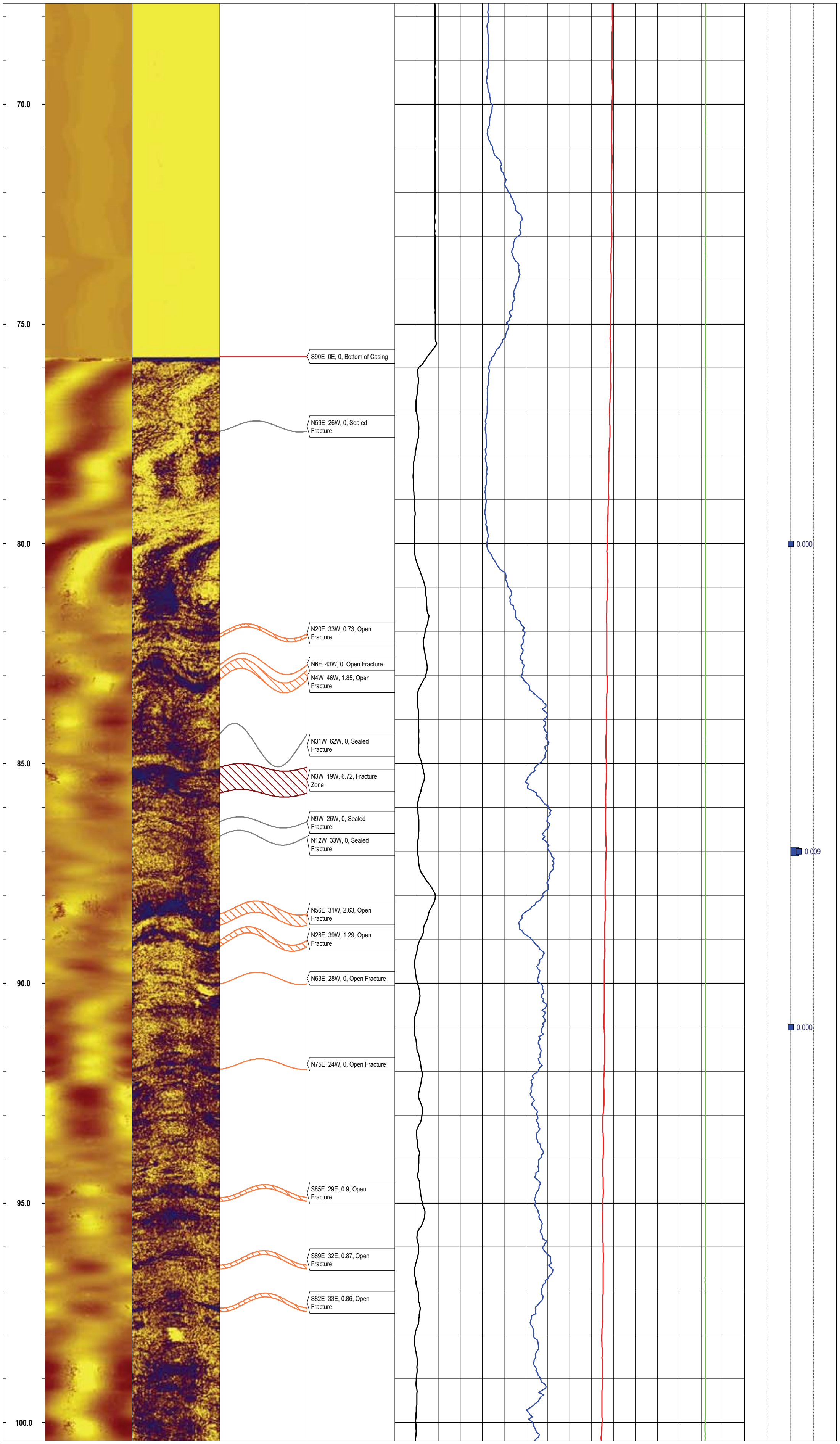
Logging Date: *11.29.2010*
Logging Datum: *Ground Surface*
BOC: *75.7'* **DTW:** *48.4'* **TD:** *124.8'*

Site Name: *Jarrettsville Pike and Paper Mill Road*
Location: *Phoenix, MD*
Client: *Kleinfelder*
Project No.: *101042*
Revision Date: *12.16.2010*

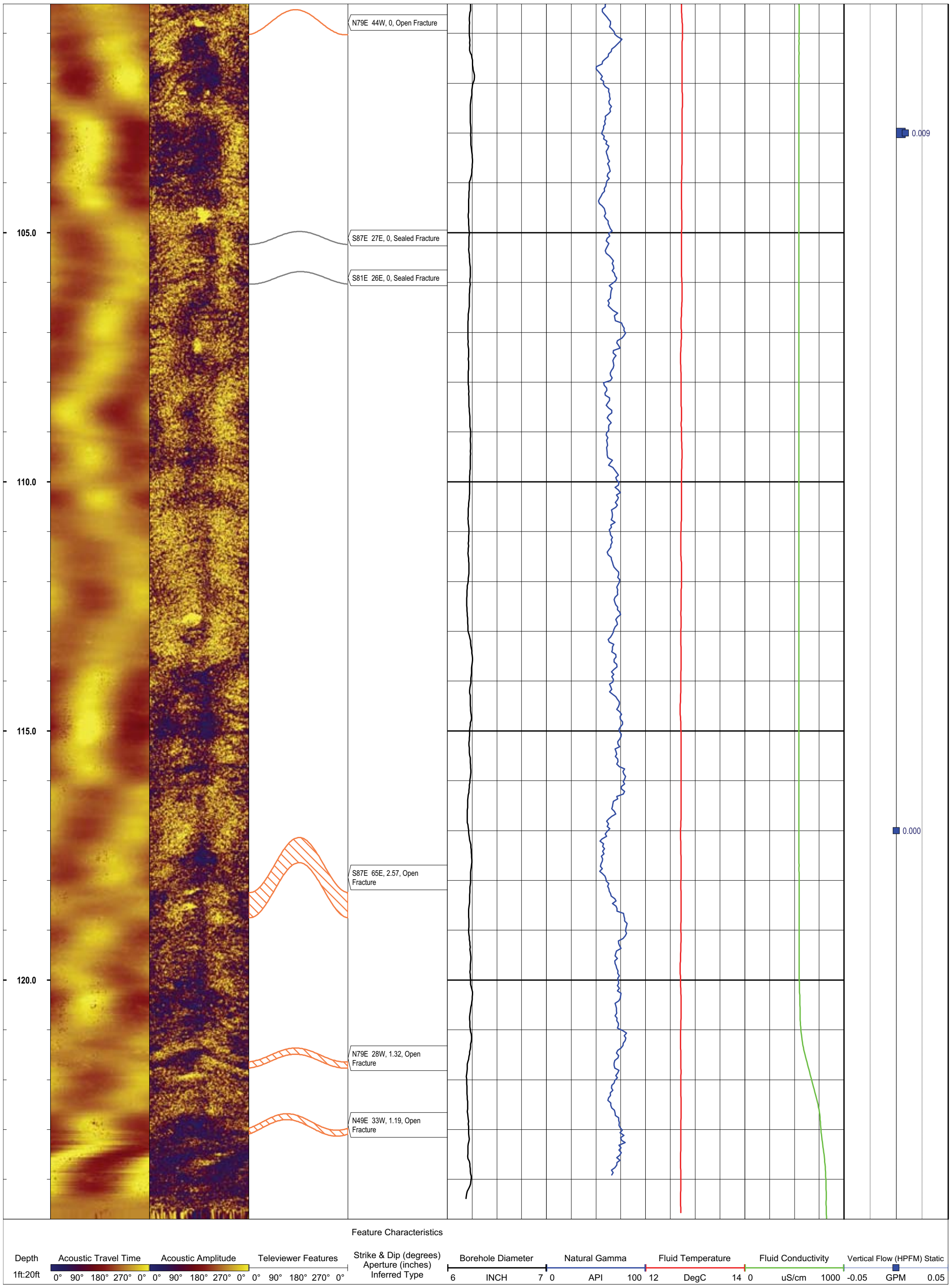
Depth	Acoustic Travel Time	Acoustic Amplitude	Televiewer Features	Feature Characteristics	Borehole Diameter	Natural Gamma	Fluid Temperature	Fluid Conductivity	Vertical Flow (HPFM) Static
1ft:20ft	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	Strike & Dip (degrees) Aperture (inches) Inferred Type	6 INCH 7	0 API 100	12 DegC 14	0 uS/cm 1000	-0.05 GPM 0.05




40.0
45.0
50.0
55.0
60.0
65.0
S90E 0E, 0, Water Level



70.0
75.0
80.0
85.0
90.0
95.0
100.0
S90E 0E, 0, Bottom of Casing
N59E 26W, 0, Sealed Fracture
N20E 33W, 0.73, Open Fracture
N6E 43W, 0, Open Fracture
N4W 46W, 1.85, Open Fracture
N31W 62W, 0, Sealed Fracture
N3W 19W, 6.72, Fracture Zone
N9W 26W, 0, Sealed Fracture
N12W 33W, 0, Sealed Fracture
N56E 31W, 2.63, Open Fracture
N28E 39W, 1.29, Open Fracture
N63E 28W, 0, Open Fracture
N75E 24W, 0, Open Fracture
S85E 29E, 0.9, Open Fracture
S89E 32E, 0.87, Open Fracture
S82E 33E, 0.86, Open Fracture
0.000
0.009
0.000


105.0
110.0
115.0
120.0
N79E 44W, 0, Open Fracture
S87E 27E, 0, Sealed Fracture
S81E 26E, 0, Sealed Fracture
S87E 65E, 2.57, Open Fracture
N79E 28W, 1.32, Open Fracture
N49E 33W, 1.19, Open Fracture
0.009
0.000
Feature Characteristics
Depth
1ft:20ft
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Borehole Diameter
6 INCH 7
Natural Gamma
0 API 100
Fluid Temperature
12 DegC 14
Fluid Conductivity
0 uS/cm 1000
Vertical Flow (HPFM) Static
-0.05 GPM 0.05

Mid-Atlantic Geosciences

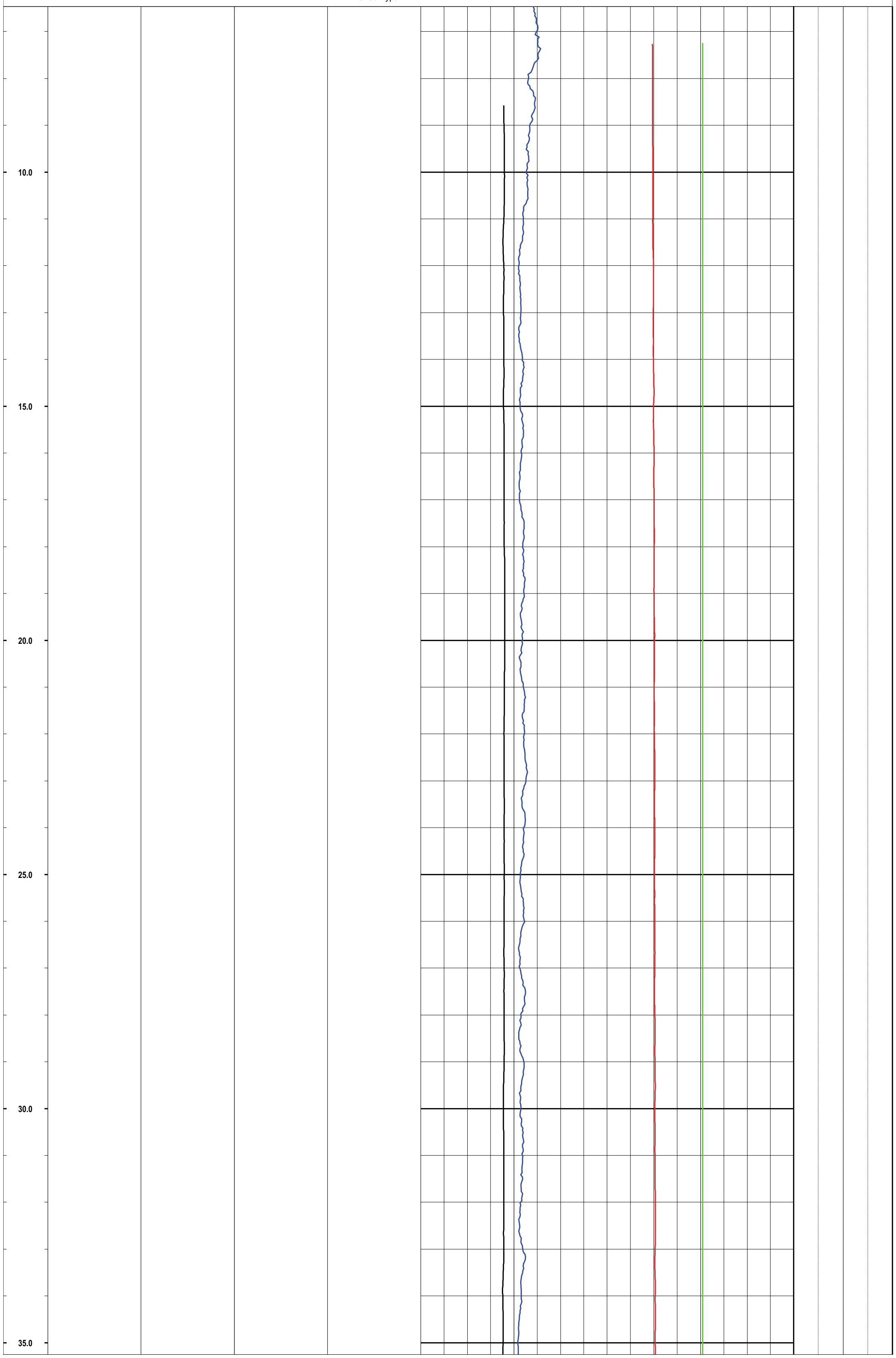
Title: *Televiewer, Geophysical, and Flowmeter Logs*

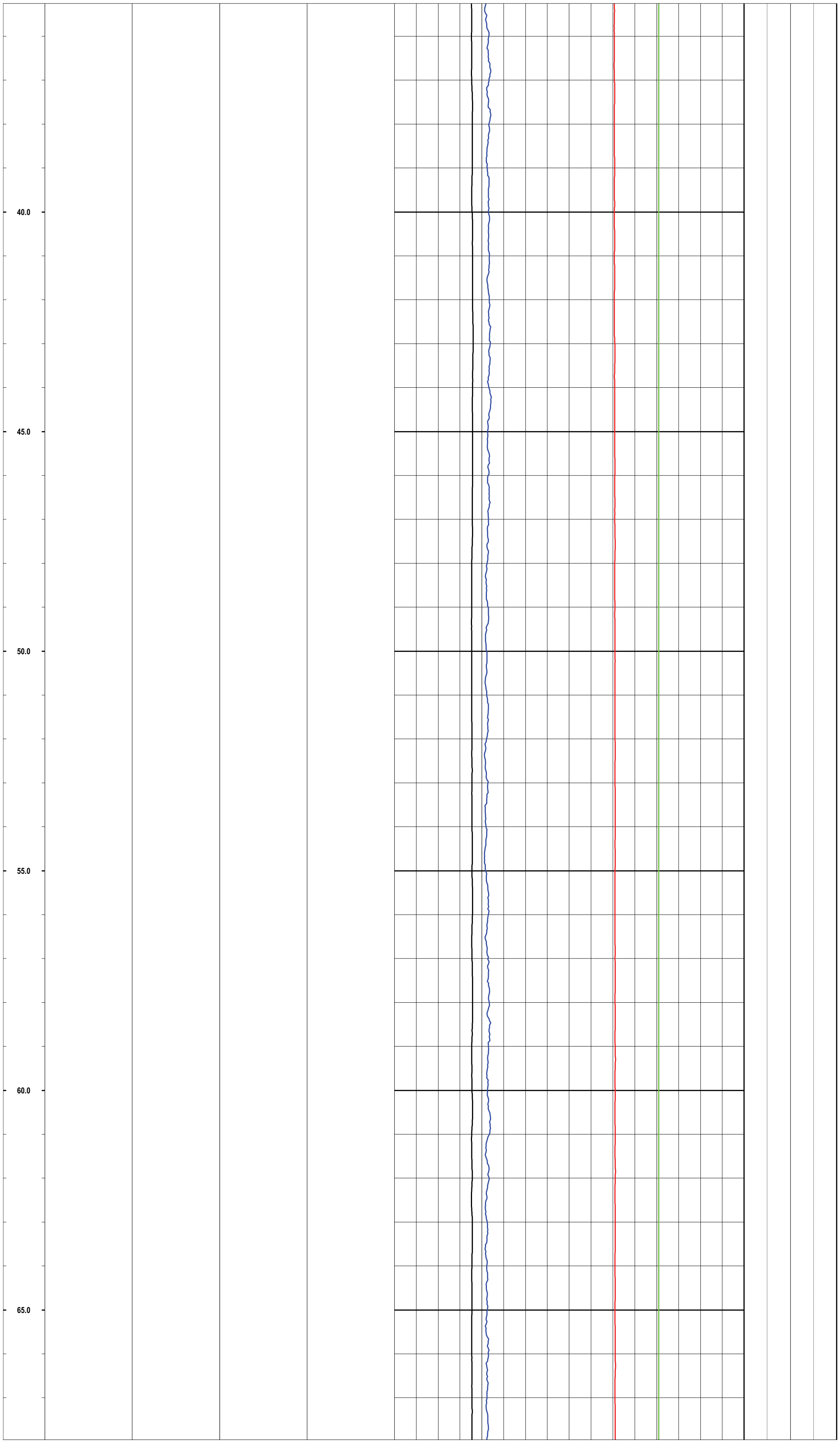
WELL ID *MW-178C*

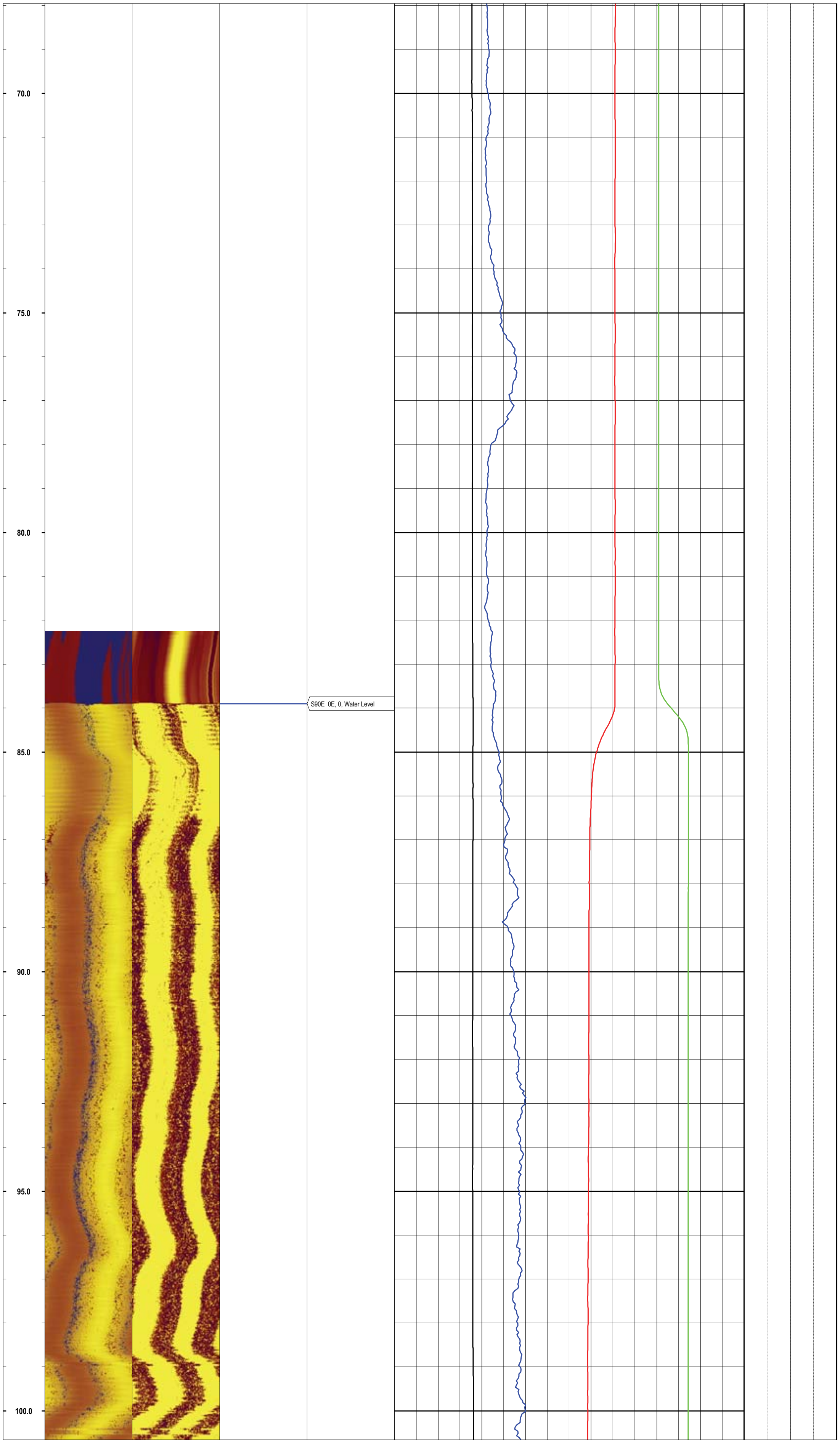
Logging Date: *11.29.2010*
Logging Datum: *Ground Surface*
BOC: *123.1'* **DTW:** *83.9'* **TD:** *275.6'*

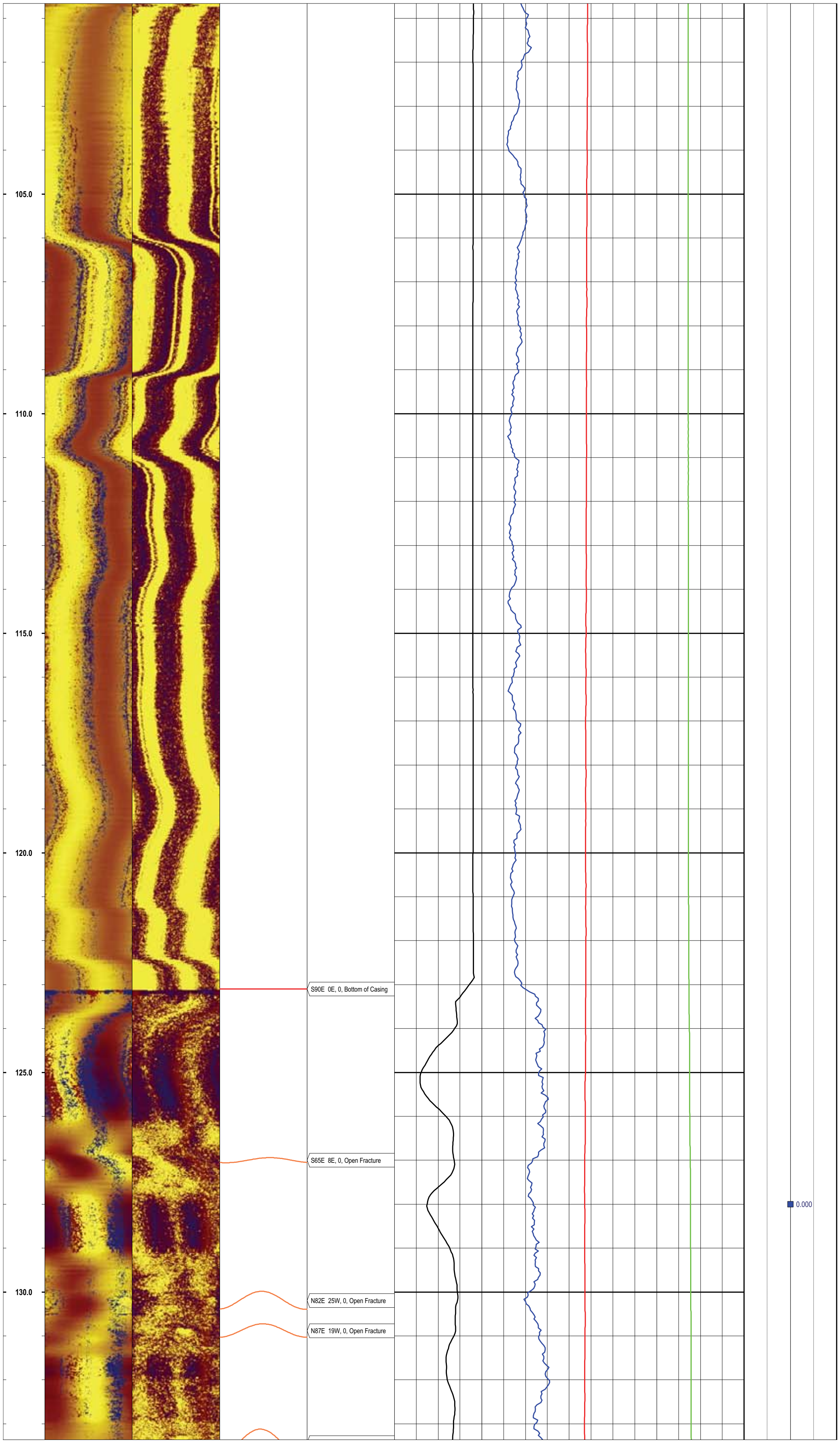
Site Name: *Jarrettsville Pike and Paper Mill Road* **Client:** *Kleinfelder*
Location: *Phoenix, MD* **Project No.:** *101042*
Revision Date: *12.16.2010*

Depth	Acoustic Travel Time	Acoustic Amplitude	Televiewer Features	Feature Characteristics	Borehole Diameter	Natural Gamma	Fluid Temperature	Fluid Conductivity	Vertical Flow (HPFM) Static
1ft:20ft	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	Strike & Dip (degrees) Aperture (inches) Inferred Type	9 INCH 11	0 API 100	12 DegC 16	0 uS/cm 1000	-0.05 GPM 0.05

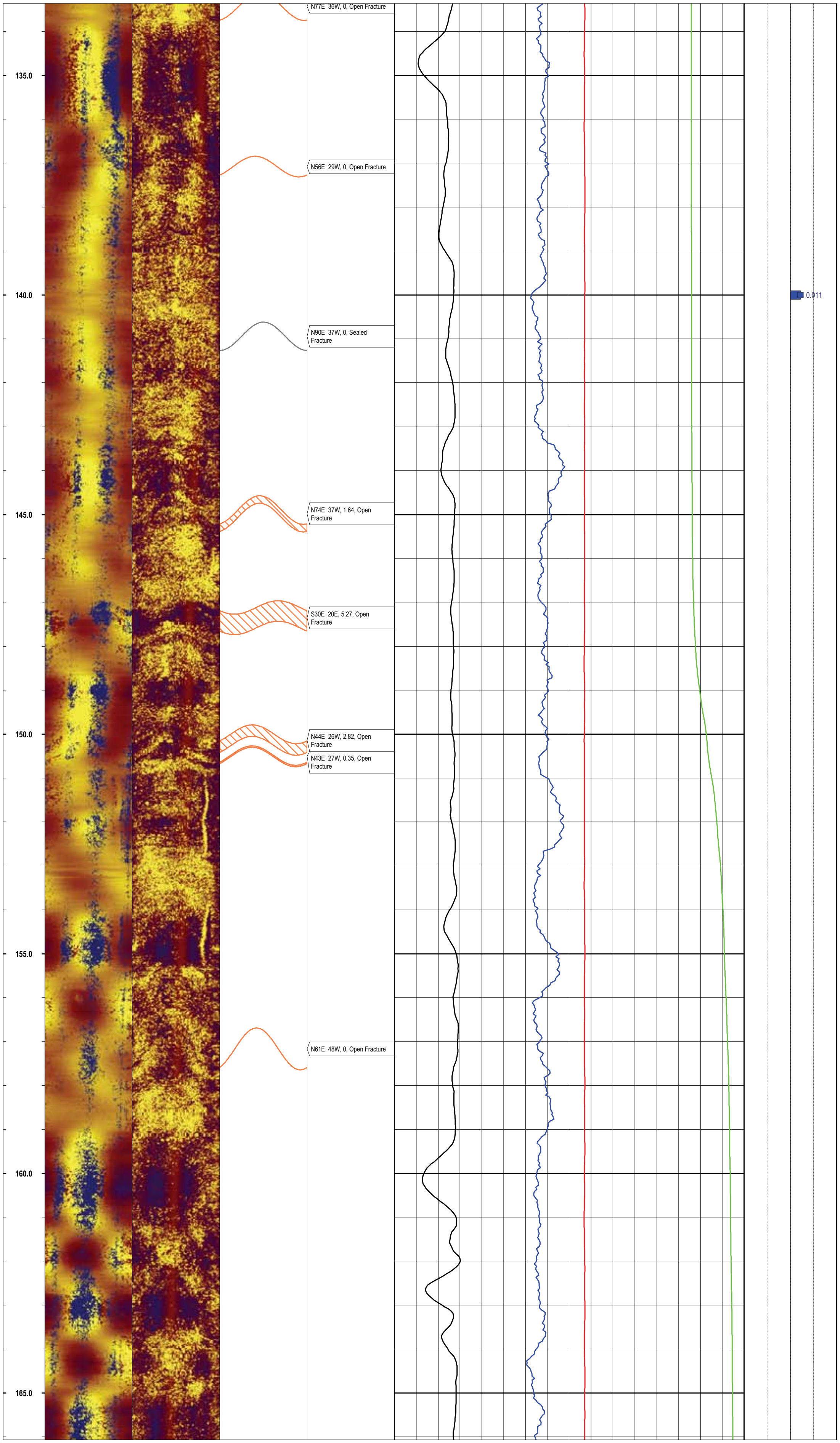


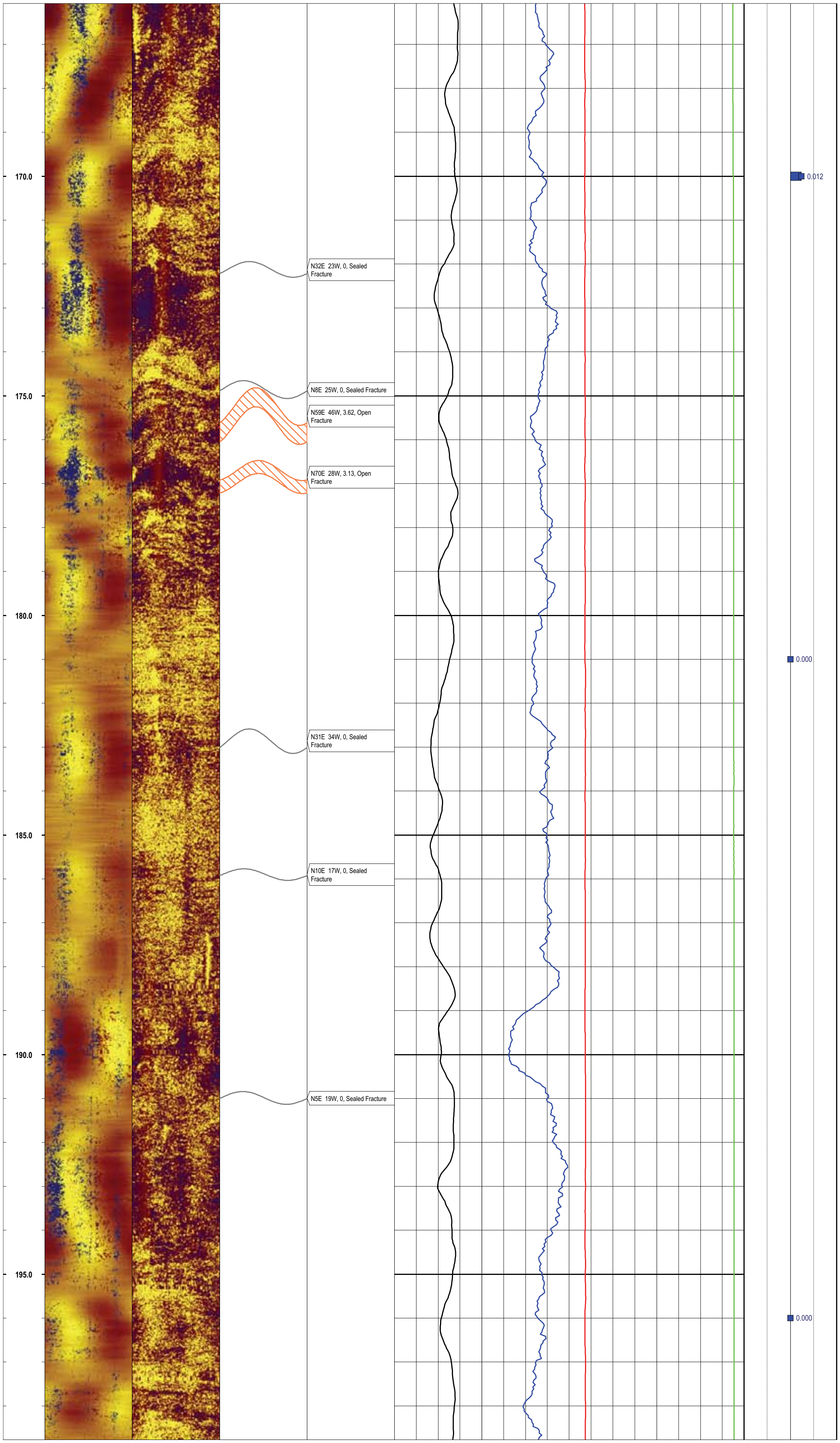

40.0
45.0
50.0
55.0
60.0
65.0

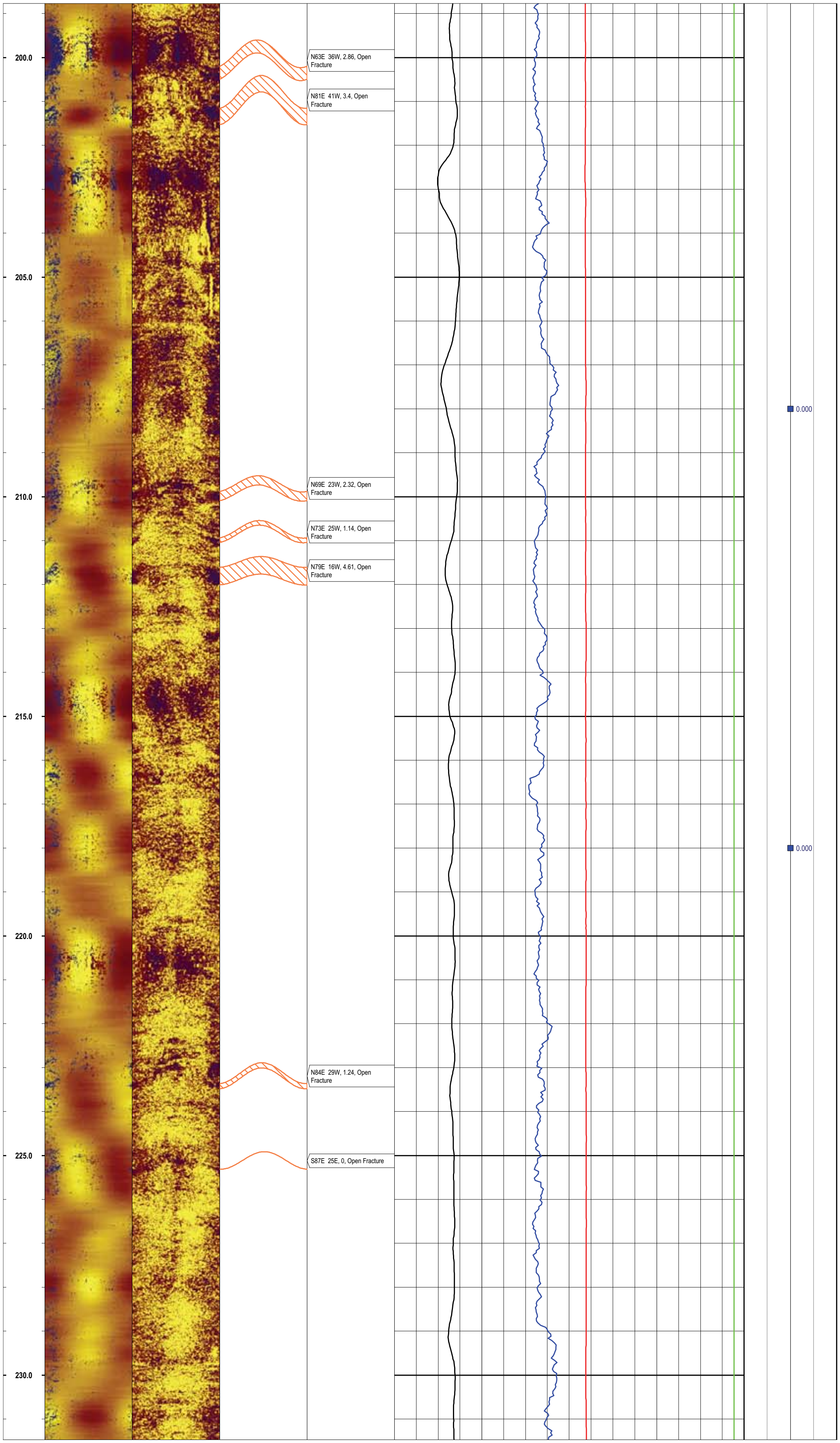

70.0
75.0
80.0
85.0
90.0
95.0
100.0
S90E 0E, 0, Water Level



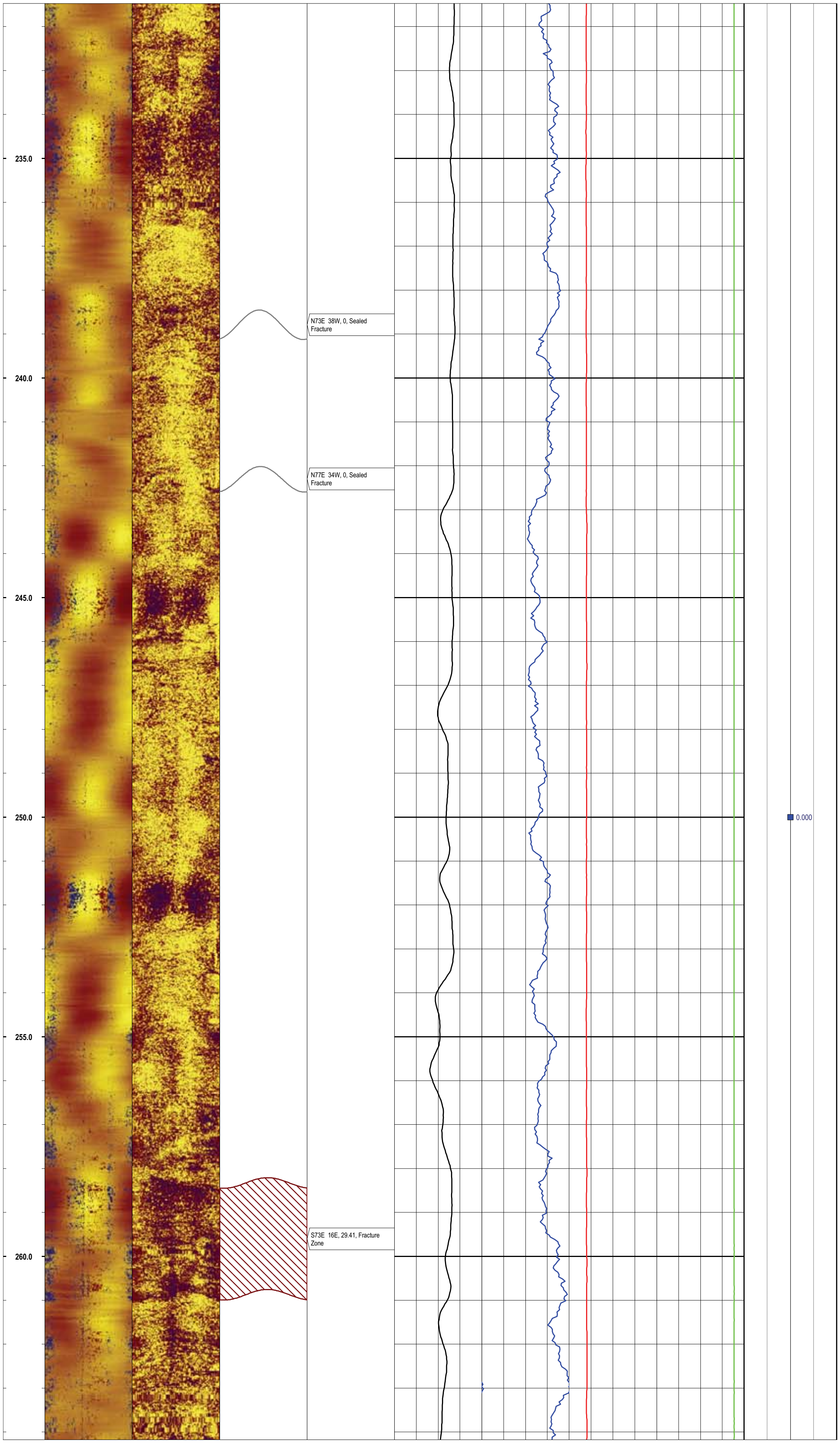
105.0
110.0
115.0
120.0
125.0
130.0
S90E 0E, 0, Bottom of Casing
S65E 8E, 0, Open Fracture
N82E 25W, 0, Open Fracture
N87E 19W, 0, Open Fracture
0.000


135.0
140.0
145.0
150.0
155.0
160.0
165.0
N77E 36W, 0, Open Fracture
N56E 29W, 0, Open Fracture
N90E 37W, 0, Sealed Fracture
N74E 37W, 1.64, Open Fracture
S30E 20E, 5.27, Open Fracture
N44E 26W, 2.82, Open Fracture
N43E 27W, 0.35, Open Fracture
N61E 48W, 0, Open Fracture
0.011

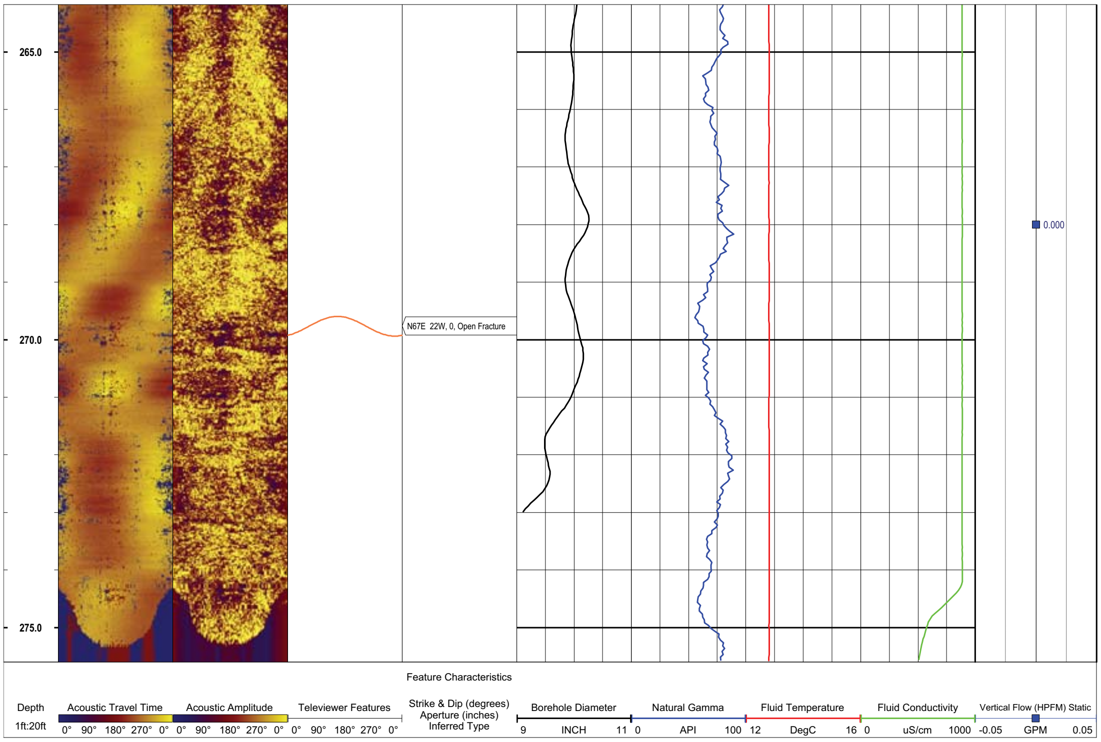

170.0
175.0
180.0
185.0
190.0
195.0
N32E 23W, 0, Sealed Fracture
N8E 25W, 0, Sealed Fracture
N59E 46W, 3.62, Open Fracture
N70E 28W, 3.13, Open Fracture
N31E 34W, 0, Sealed Fracture
N10E 17W, 0, Sealed Fracture
N5E 19W, 0, Sealed Fracture
0.012
0.000
0.000



200.0
205.0
210.0
215.0
220.0
225.0
230.0
N63E 36W, 2.86, Open Fracture
N81E 41W, 3.4, Open Fracture
N69E 23W, 2.32, Open Fracture
N73E 25W, 1.14, Open Fracture
N79E 16W, 4.61, Open Fracture
N84E 29W, 1.24, Open Fracture
S87E 25E, 0, Open Fracture
0.000
0.000



235.0
240.0
245.0
250.0
255.0
260.0
N73E 38W, 0, Sealed Fracture
N77E 34W, 0, Sealed Fracture
S73E 16E, 29.41, Fracture Zone
0.000


265.0
270.0
275.0
N67E 22W, 0, Open Fracture
0.000
Feature Characteristics
Depth
1ft:20ft
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Borehole Diameter
9 INCH 11
Natural Gamma
0 API 100
Fluid Temperature
12 DegC 16
Fluid Conductivity
0 uS/cm 1000
Vertical Flow (HPFM) Static
-0.05 GPM 0.05

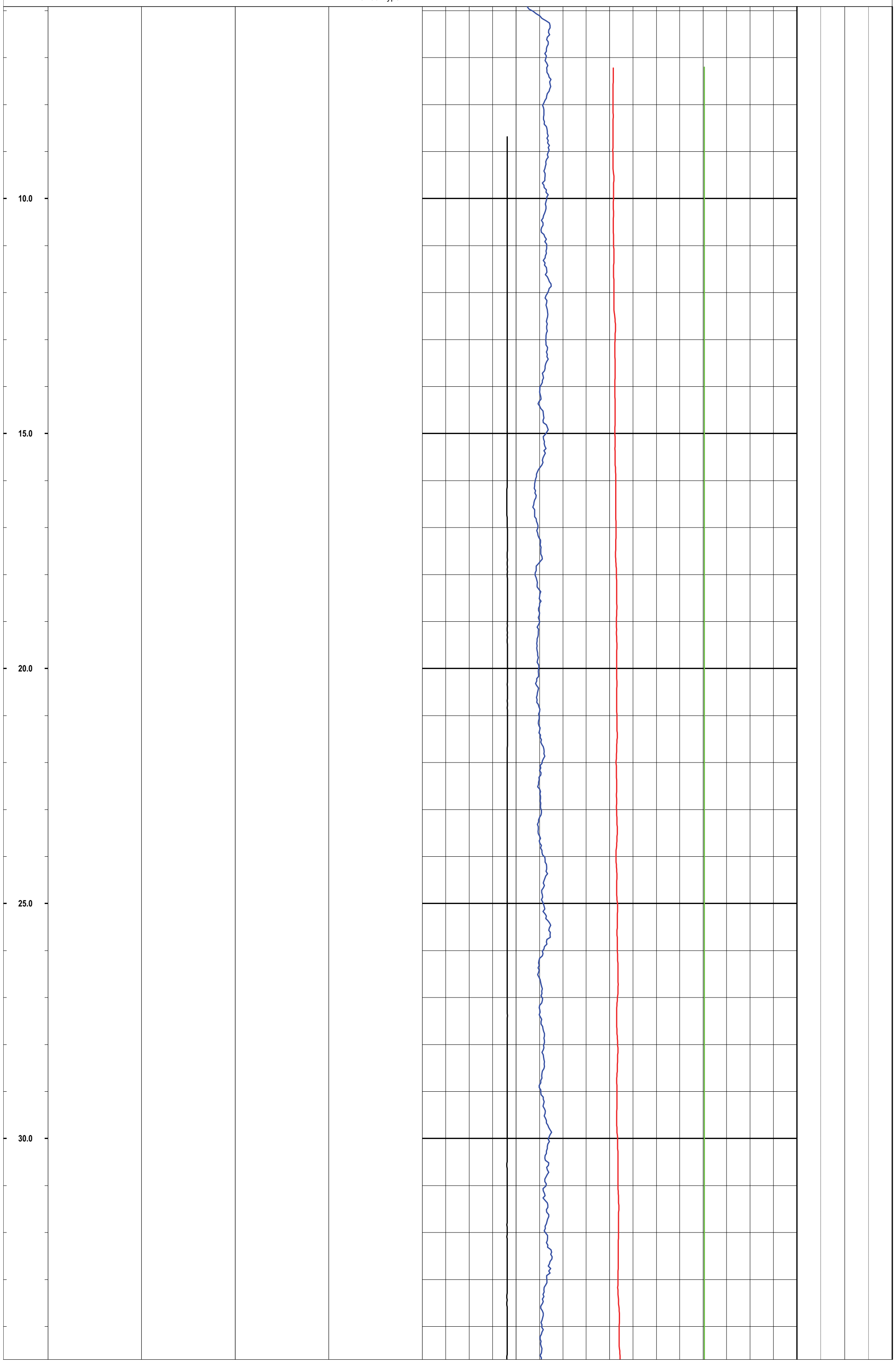
Mid-Atlantic Geosciences	WELL ID	Logging Date: 11.30.2010
Title: *Televiewer, Geophysical, and Flowmeter Logs*	*MW-179C*	Logging Datum: *Ground Surface*
		BOC: *79.8'* DTW: *65.1'* TD: *248.7'*

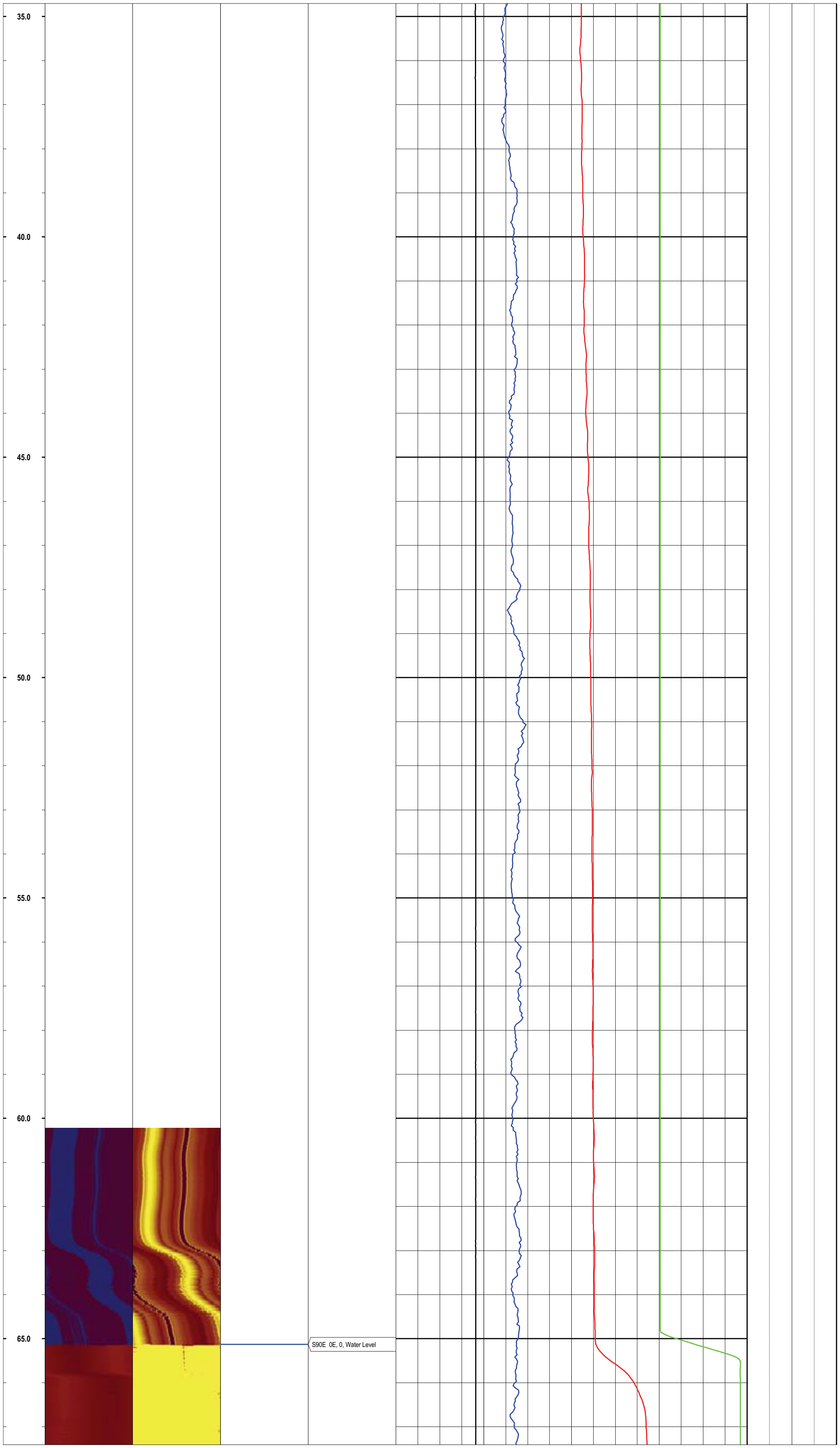
Site Name: *Jarrettsville Pike and Paper Mill Road* **Client:** *Kleinfelder*

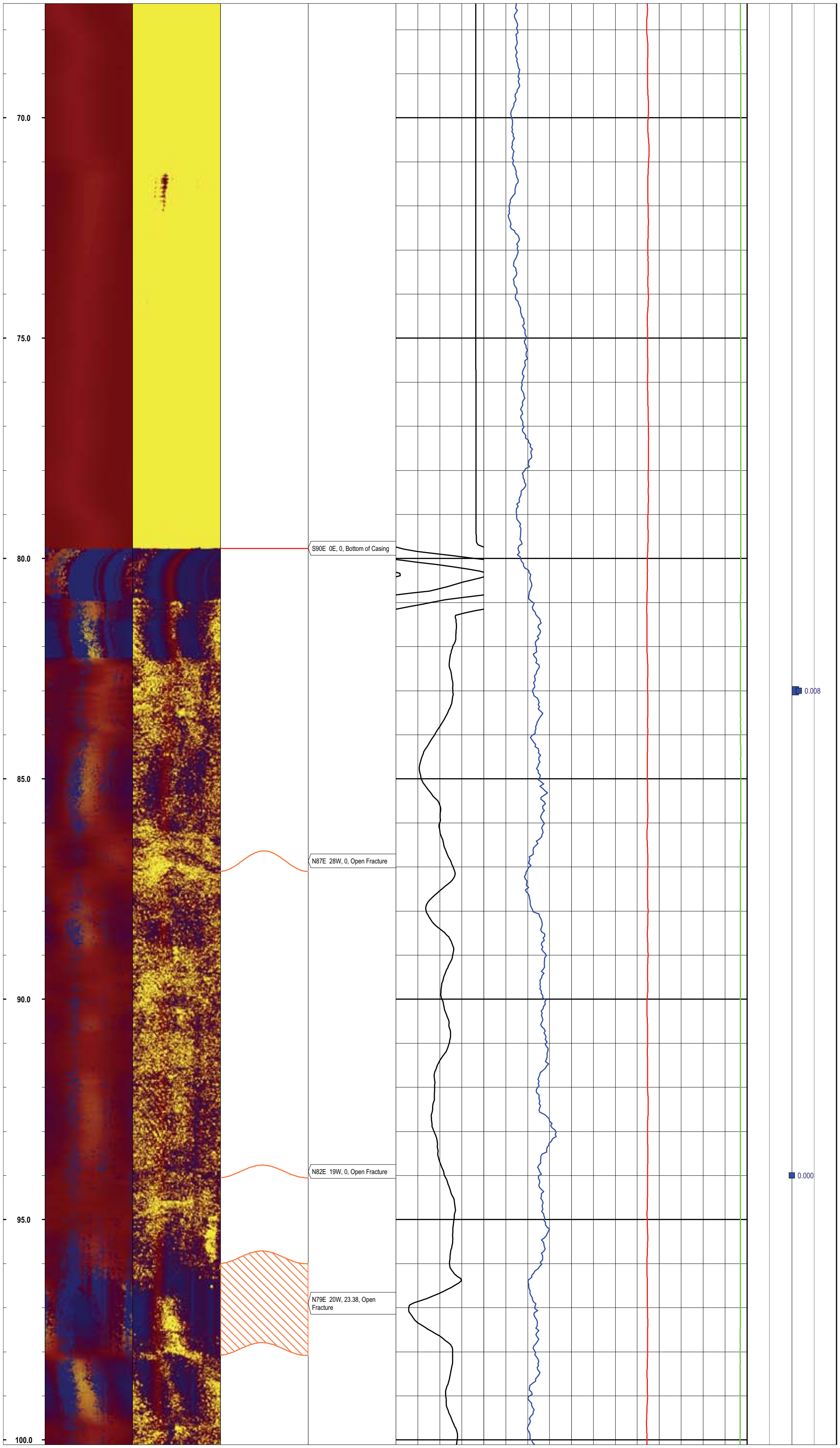
Location: *Phoenix, MD* **Project No.:** *101042*

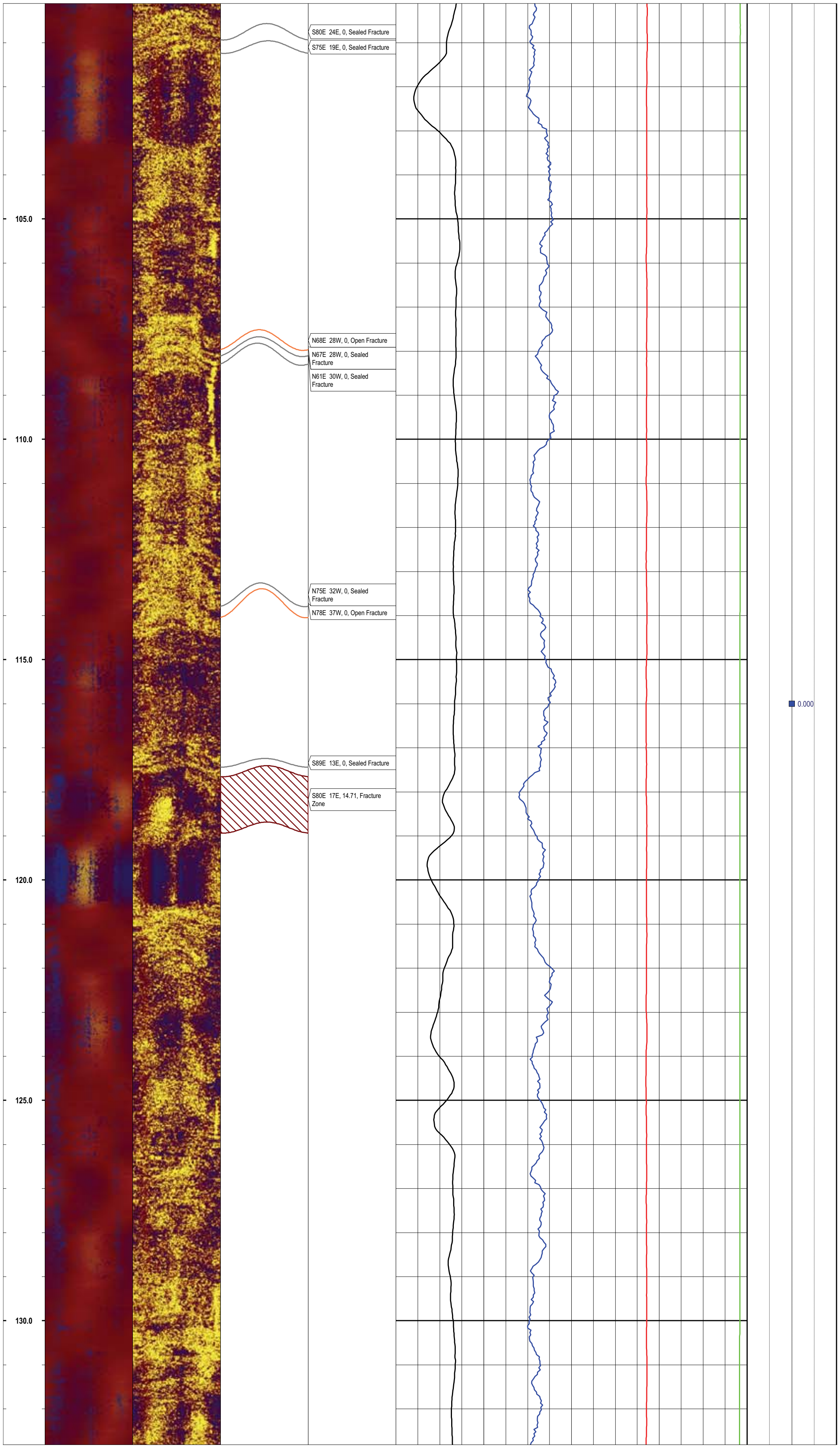
Revision Date: *12.16.2010*

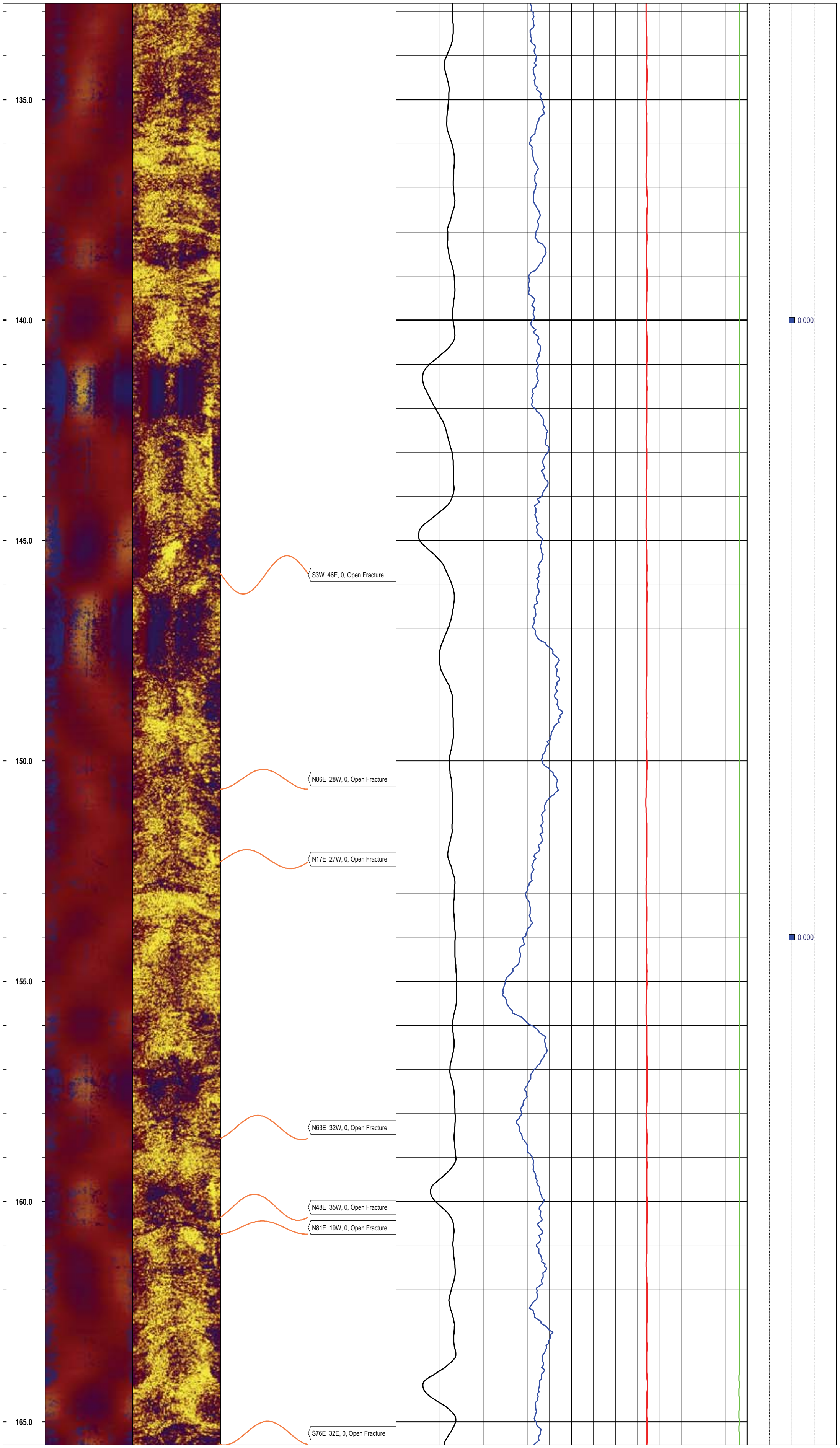
Depth	Acoustic Travel Time	Acoustic Amplitude	Televiewer Features	Feature Characteristics	Borehole Diameter	Natural Gamma	Fluid Temperature	Fluid Conductivity	Vertical Flow (HPFM) Static
1ft:20ft	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	Strike & Dip (degrees) Aperture (inches) Inferred Type	9 INCH 11	0 API 120	11 DegC 13	0 uS/cm 2000	-0.05 GPM 0.05

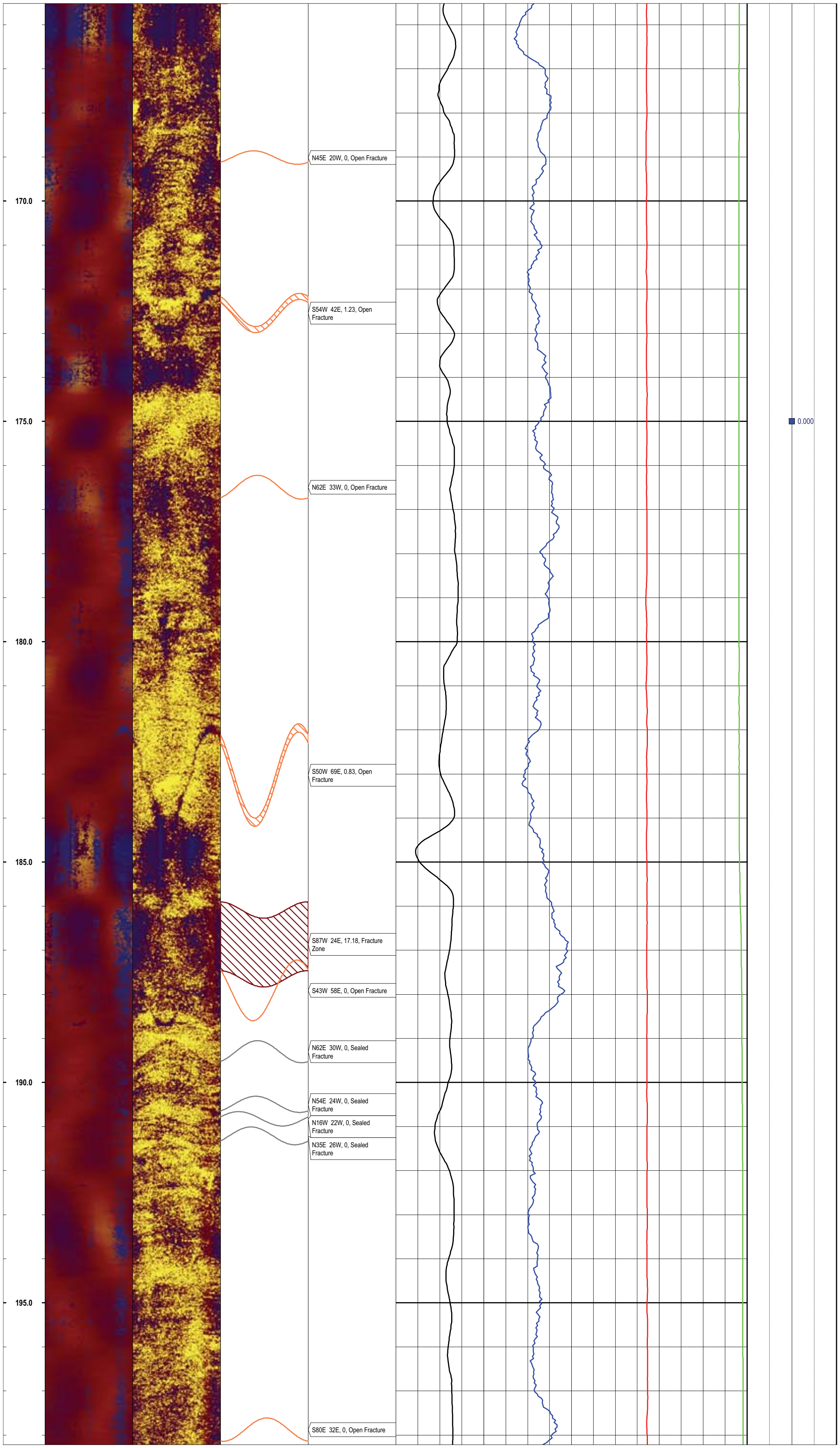


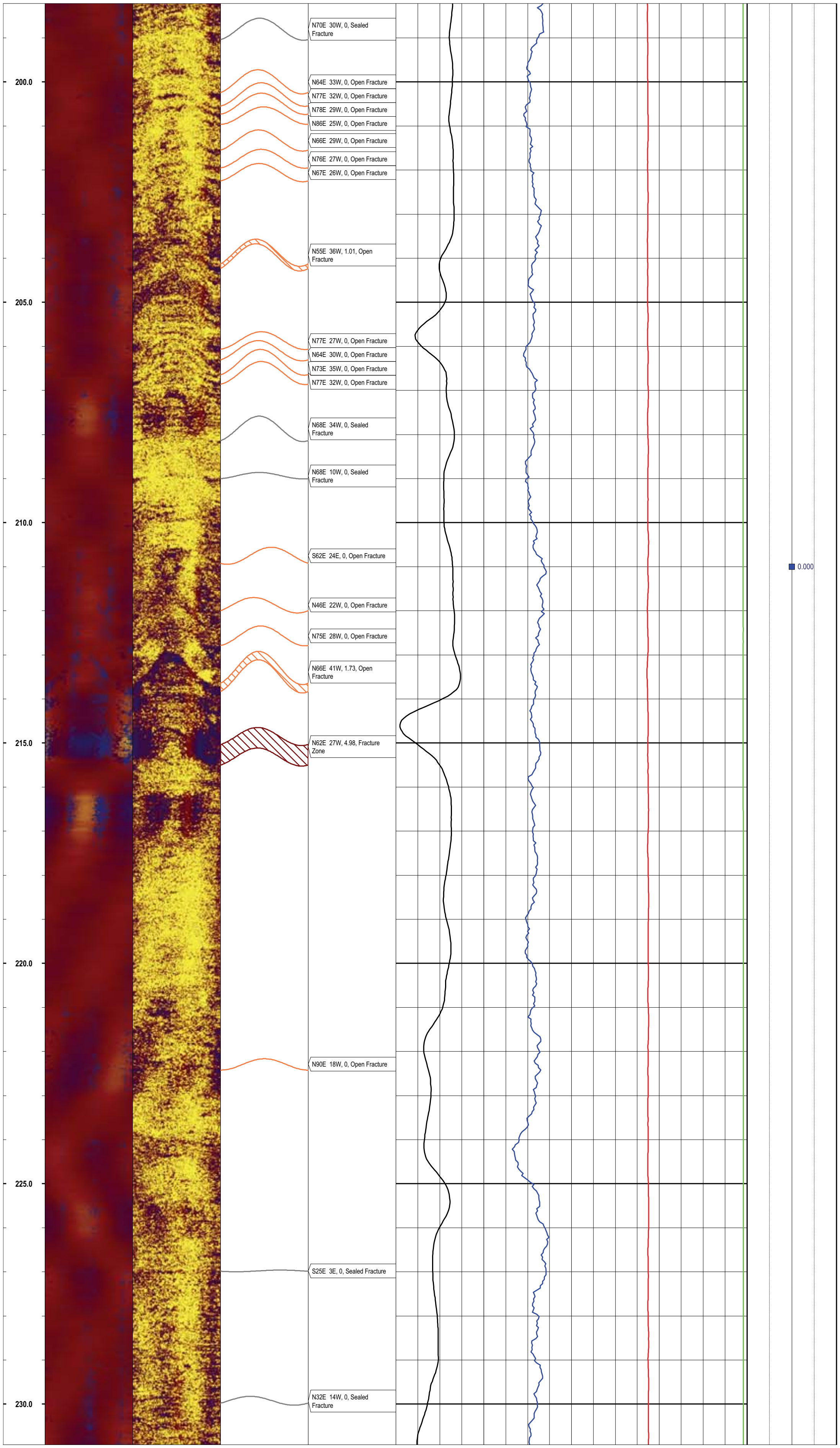

35.0
40.0
45.0
50.0
55.0
60.0
65.0
S90E 0E, 0, Water Level

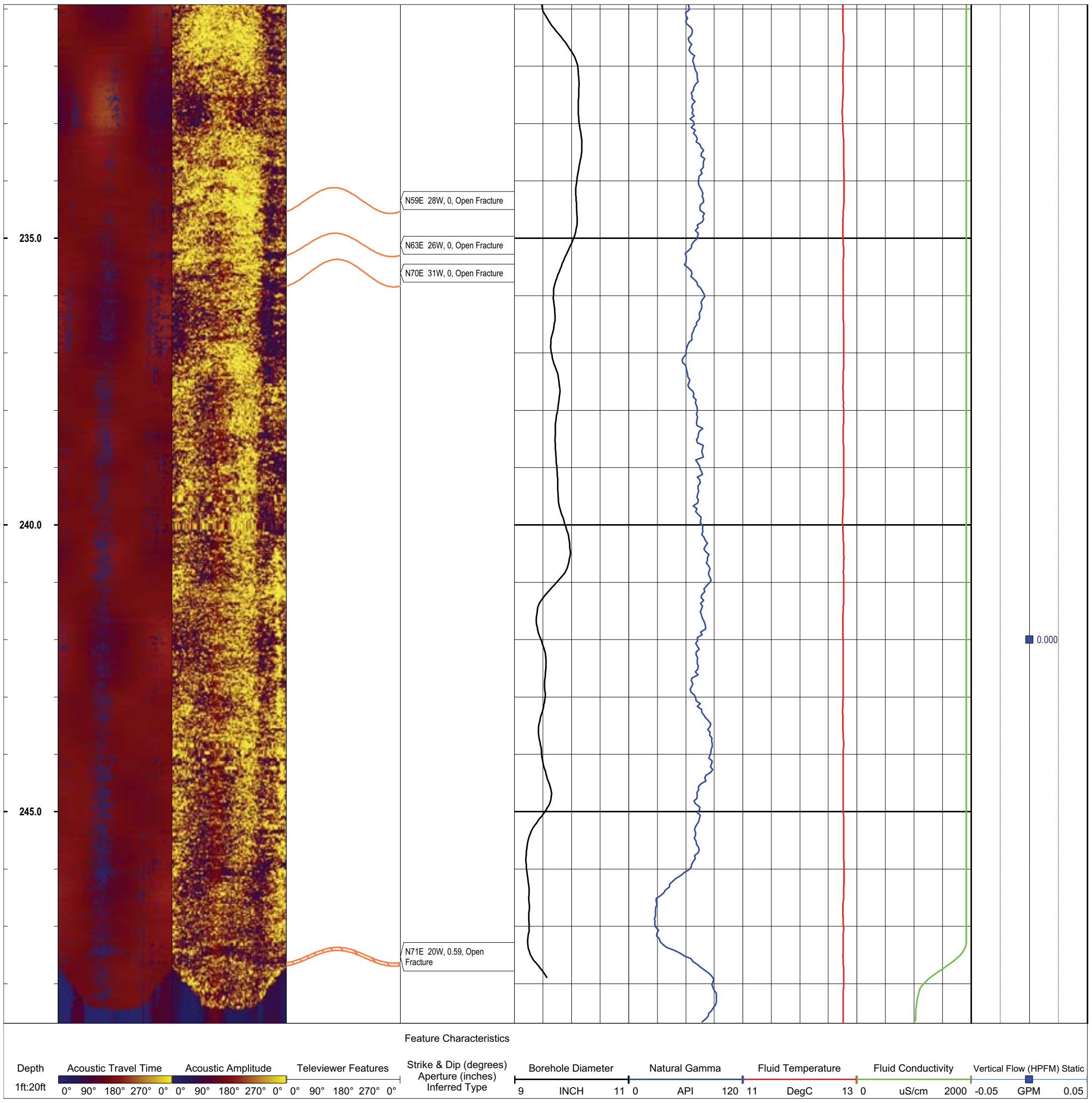

70.0
75.0
80.0
85.0
90.0
95.0
100.0
S90E 0E, 0, Bottom of Casing
N87E 28W, 0, Open Fracture
N82E 19W, 0, Open Fracture
N79E 20W, 23.38, Open Fracture
0.008
0.000


105.0
110.0
115.0
120.0
125.0
130.0
S80E 24E, 0, Sealed Fracture
S75E 19E, 0, Sealed Fracture
N68E 28W, 0, Open Fracture
N67E 28W, 0, Sealed Fracture
N61E 30W, 0, Sealed Fracture
N75E 32W, 0, Sealed Fracture
N78E 37W, 0, Open Fracture
S89E 13E, 0, Sealed Fracture
S80E 17E, 14.71, Fracture Zone
0.000


135.0
140.0
145.0
150.0
155.0
160.0
165.0
S3W 46E, 0, Open Fracture
N86E 28W, 0, Open Fracture
N17E 27W, 0, Open Fracture
N63E 32W, 0, Open Fracture
N48E 35W, 0, Open Fracture
N81E 19W, 0, Open Fracture
S76E 32E, 0, Open Fracture
0.000
0.000


170.0
175.0
180.0
185.0
190.0
195.0
N45E 20W, 0, Open Fracture
S54W 42E, 1.23, Open Fracture
N62E 33W, 0, Open Fracture
S50W 69E, 0.83, Open Fracture
S87W 24E, 17.18, Fracture Zone
S43W 58E, 0, Open Fracture
N62E 30W, 0, Sealed Fracture
N54E 24W, 0, Sealed Fracture
N16W 22W, 0, Sealed Fracture
N35E 26W, 0, Sealed Fracture
S80E 32E, 0, Open Fracture
0.000


200.0
205.0
210.0
215.0
220.0
225.0
230.0
N70E 30W, 0, Sealed Fracture
N64E 33W, 0, Open Fracture
N77E 32W, 0, Open Fracture
N78E 29W, 0, Open Fracture
N86E 25W, 0, Open Fracture
N66E 29W, 0, Open Fracture
N76E 27W, 0, Open Fracture
N67E 26W, 0, Open Fracture
N55E 36W, 1.01, Open Fracture
N77E 27W, 0, Open Fracture
N64E 30W, 0, Open Fracture
N73E 35W, 0, Open Fracture
N77E 32W, 0, Open Fracture
N68E 34W, 0, Sealed Fracture
N68E 10W, 0, Sealed Fracture
S62E 24E, 0, Open Fracture
N46E 22W, 0, Open Fracture
N75E 28W, 0, Open Fracture
N66E 41W, 1.73, Open Fracture
N62E 27W, 4.98, Fracture Zone
N90E 18W, 0, Open Fracture
S25E 3E, 0, Sealed Fracture
N32E 14W, 0, Sealed Fracture
0.000


235.0
240.0
245.0
N59E 28W, 0, Open Fracture
N63E 26W, 0, Open Fracture
N70E 31W, 0, Open Fracture
N71E 20W, 0.59, Open Fracture
0.000
Feature Characteristics
Depth
1ft:20ft
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Borehole Diameter
9 INCH 11
Natural Gamma
0 API 120
Fluid Temperature
11 DegC 13
Fluid Conductivity
0 uS/cm 2000
Vertical Flow (HPFM) Static
-0.05 GPM 0.05

Mid-Atlantic Geosciences

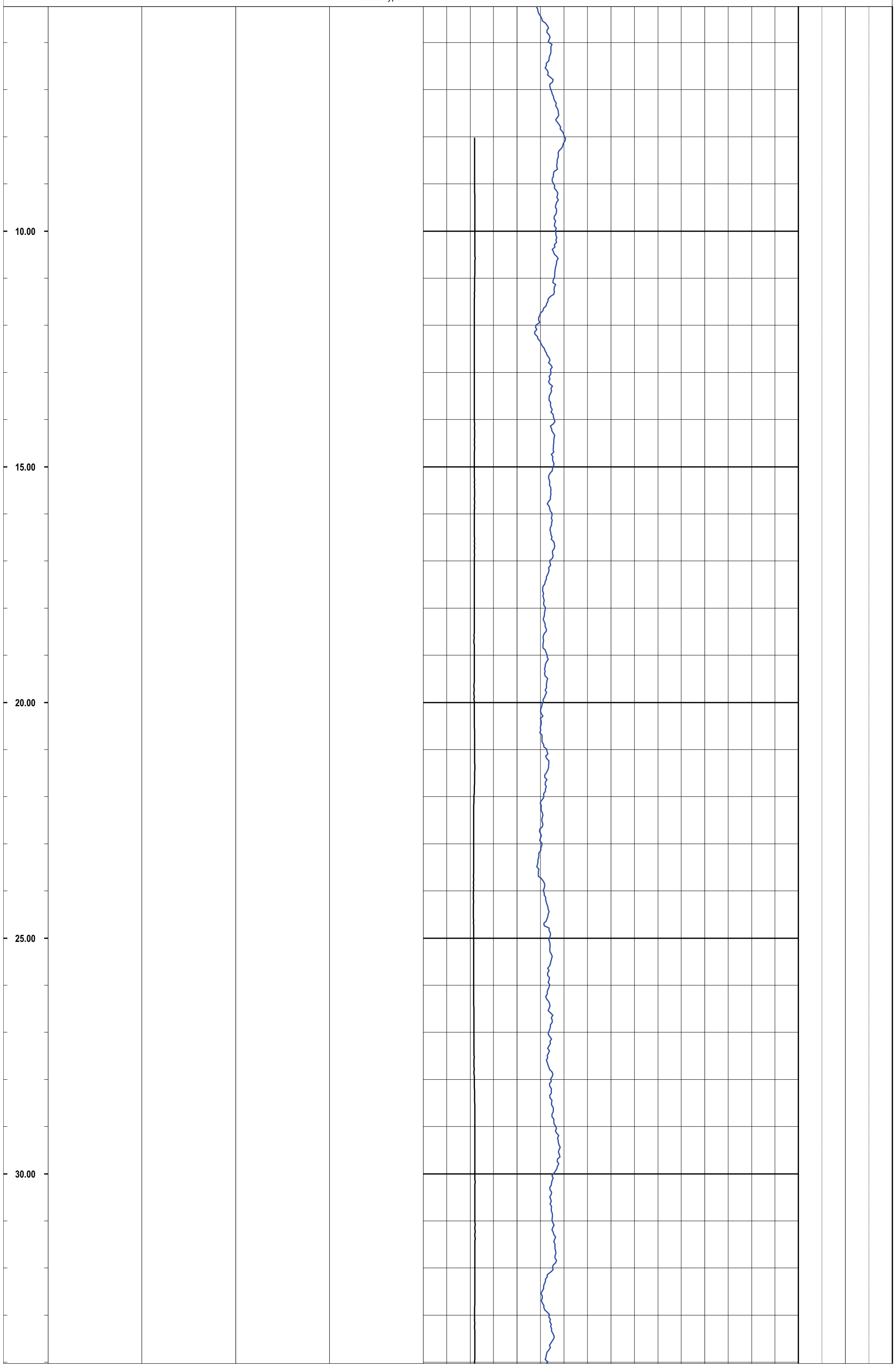
Title: *Televiewer, Geophysical, and Flowmeter Logs*

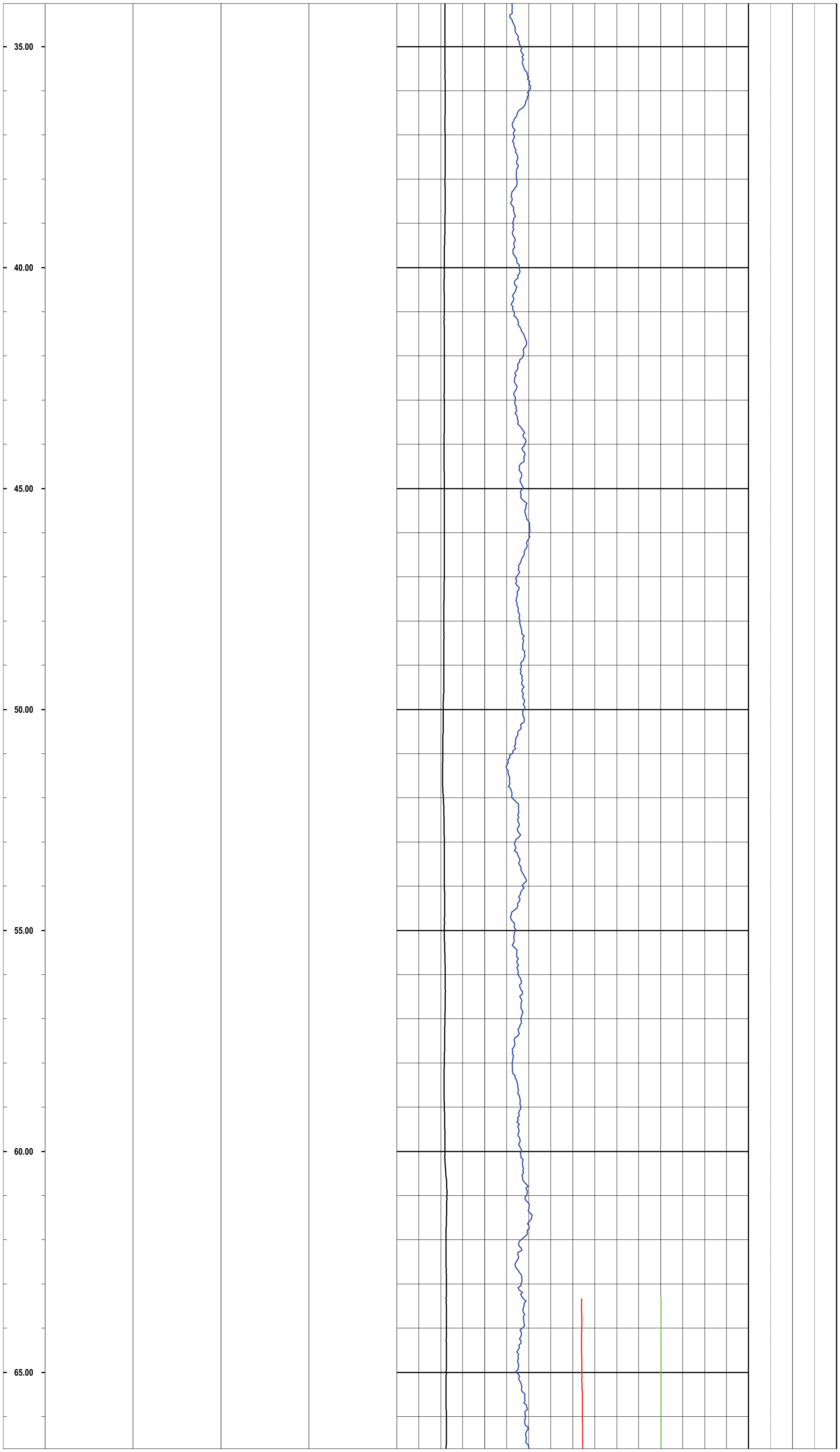
WELL ID *MW-180C*

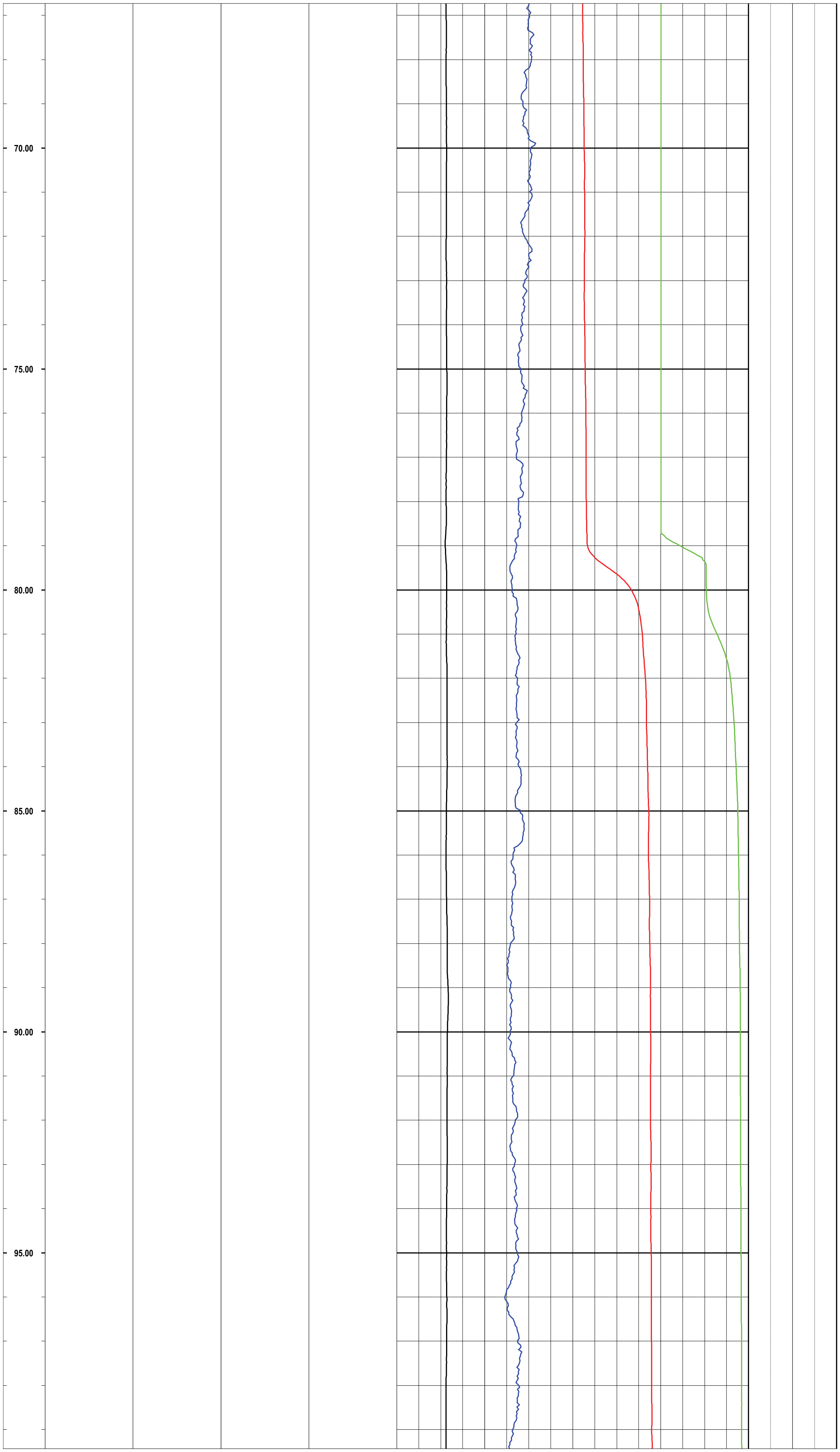
Logging Date: *12.17.2010*
Logging Datum: *Ground Surface*
BOC: *123.5'* **DTW:** *79'* **TD:** *289'*

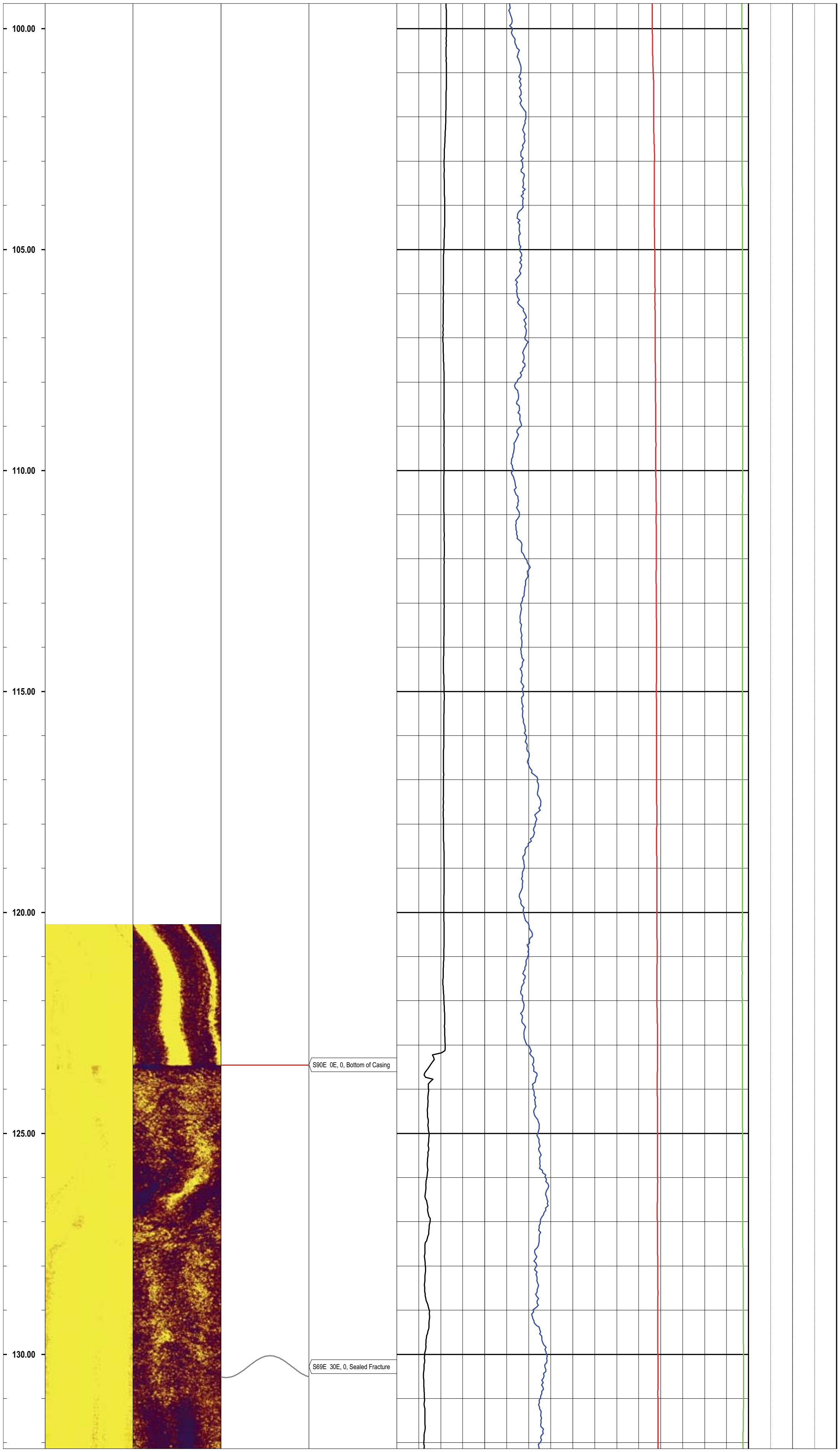
Site Name:
Location: *Phoenix, MD*
Client: *Kleinfelder*
Project No.: *101042*
Revision Date: *02.23.2011*

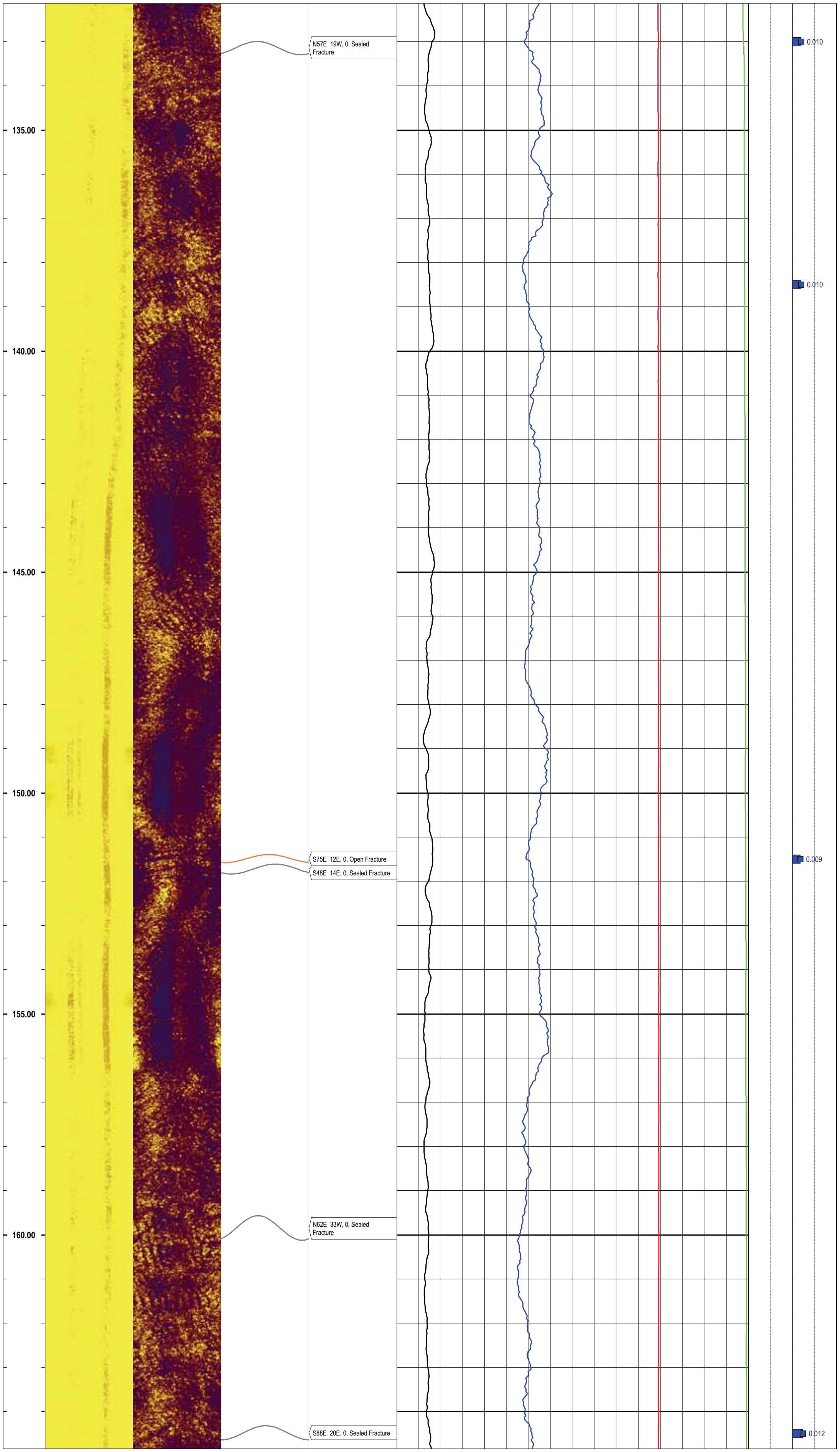
Depth 1ft:20ft	Acoustic Travel Time 0° 90° 180° 270° 0°	Acoustic Amplitude 0° 90° 180° 270° 0°	Televiewer Features 0° 90° 180° 270° 0°	Feature Characteristics Strike & Dip (degrees) Aperture (inches) Inferred Type	Borehole Diameter 10 INCH 11	Natural Gamma 0 CPS 120	Fluid Temperature 3 °C 13	Fluid Conductivity 0 uS/cm 2400	Vertical Flow (HPFM) Static -0.05 GPM 0.05

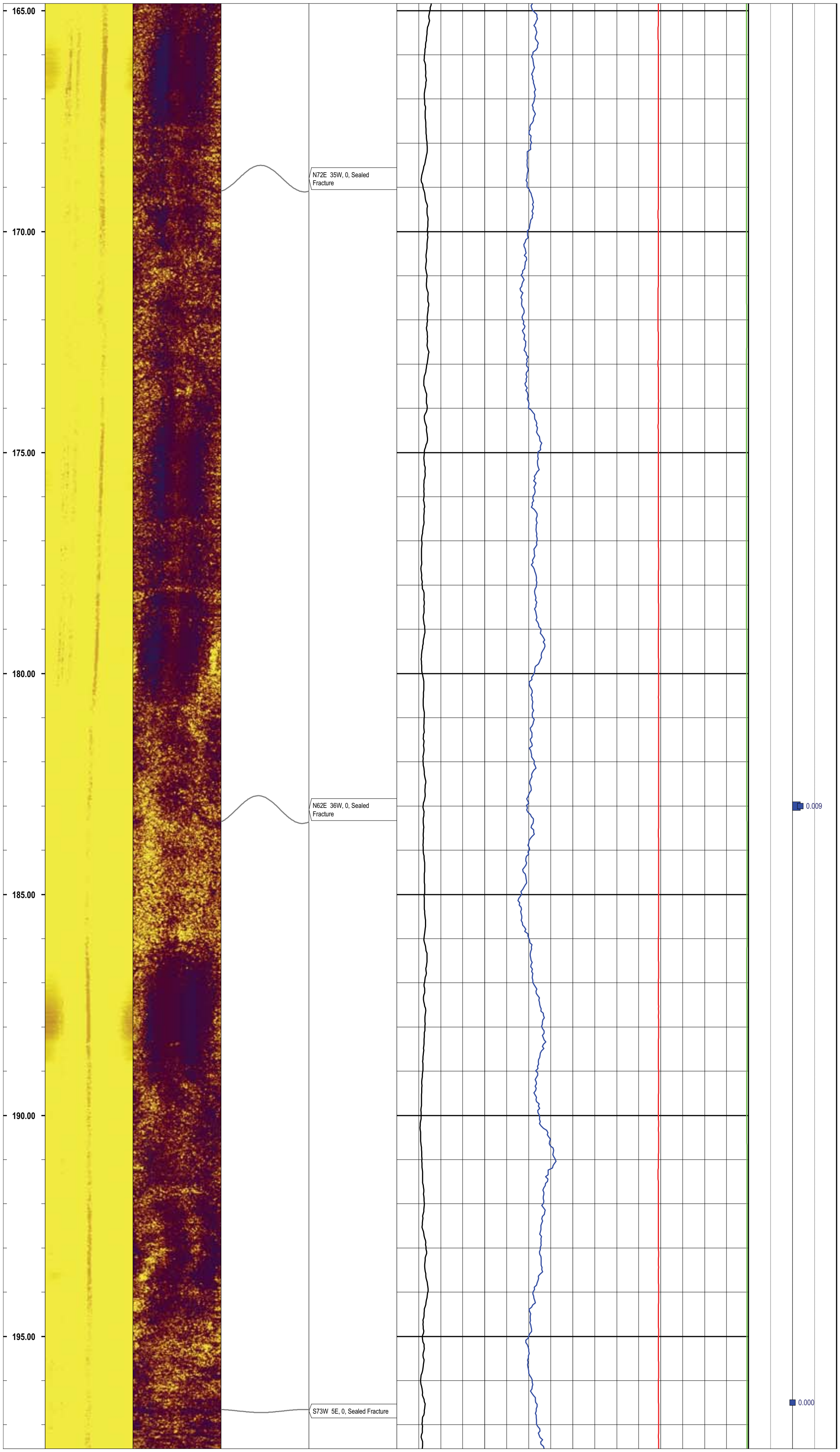


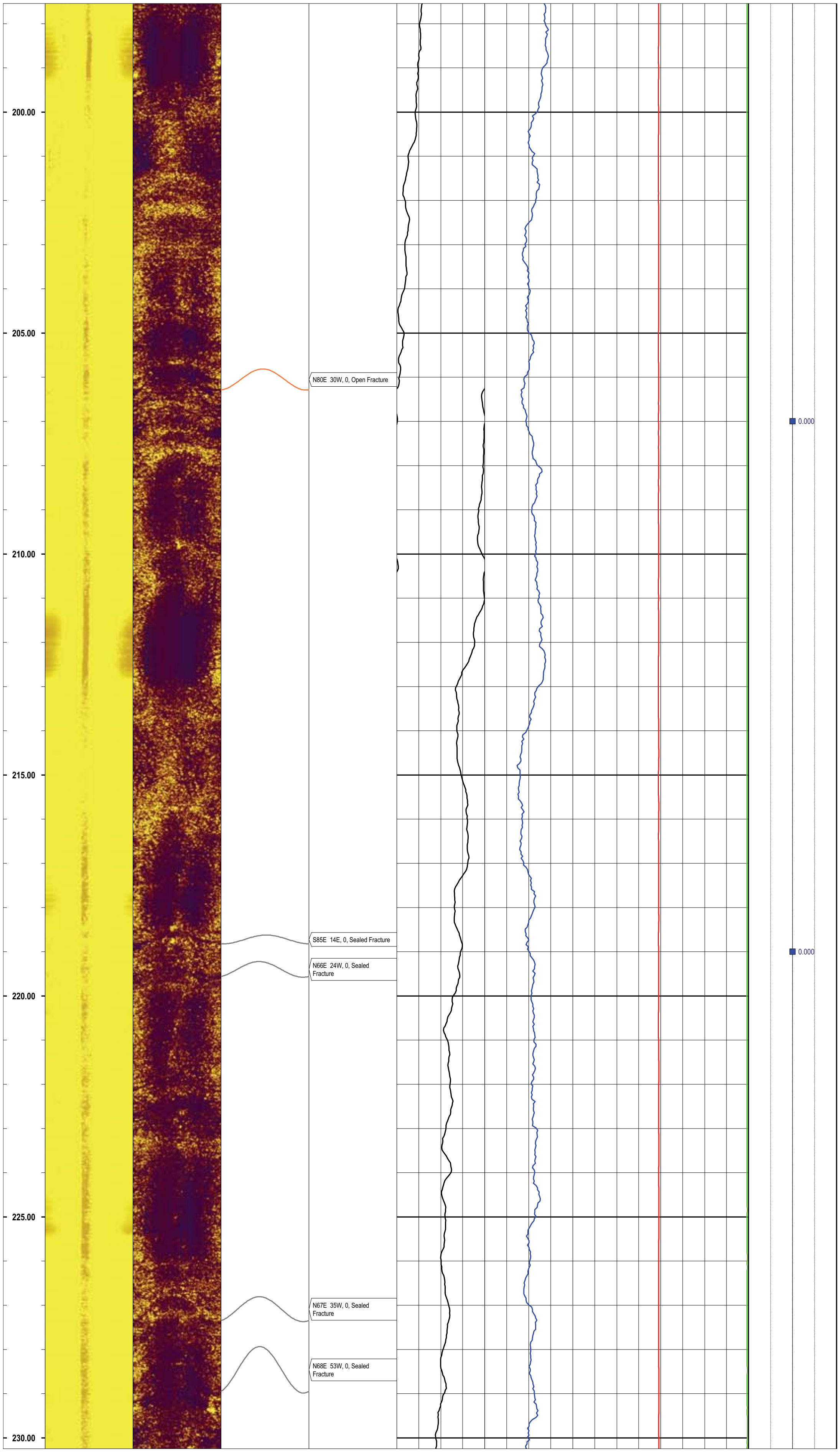

35.00
40.00
45.00
50.00
55.00
60.00
65.00


70.00
75.00
80.00
85.00
90.00
95.00

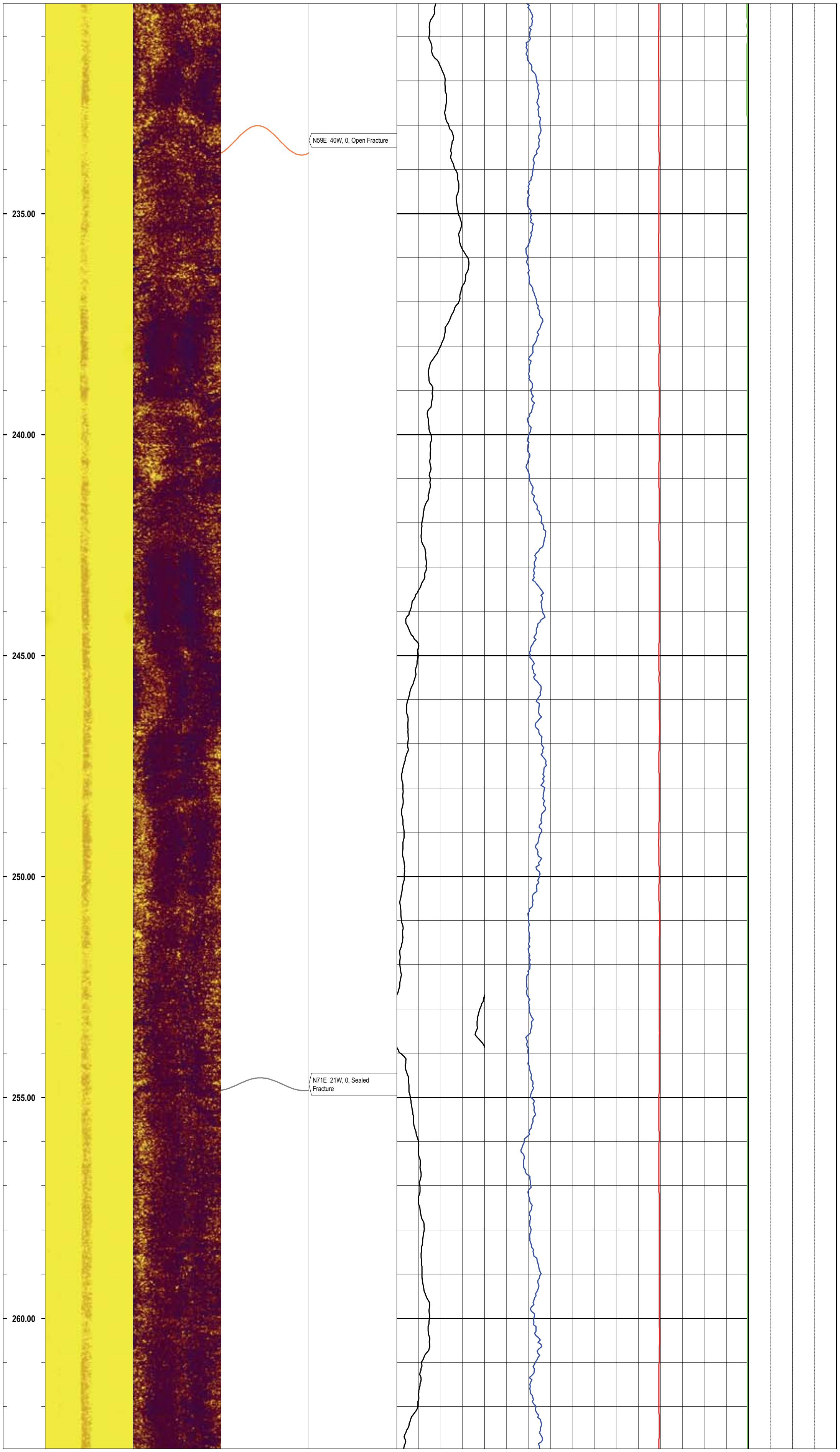

100.00
105.00
110.00
115.00
120.00
125.00
130.00
S90E 0E, 0, Bottom of Casing
S69E 30E, 0, Sealed Fracture

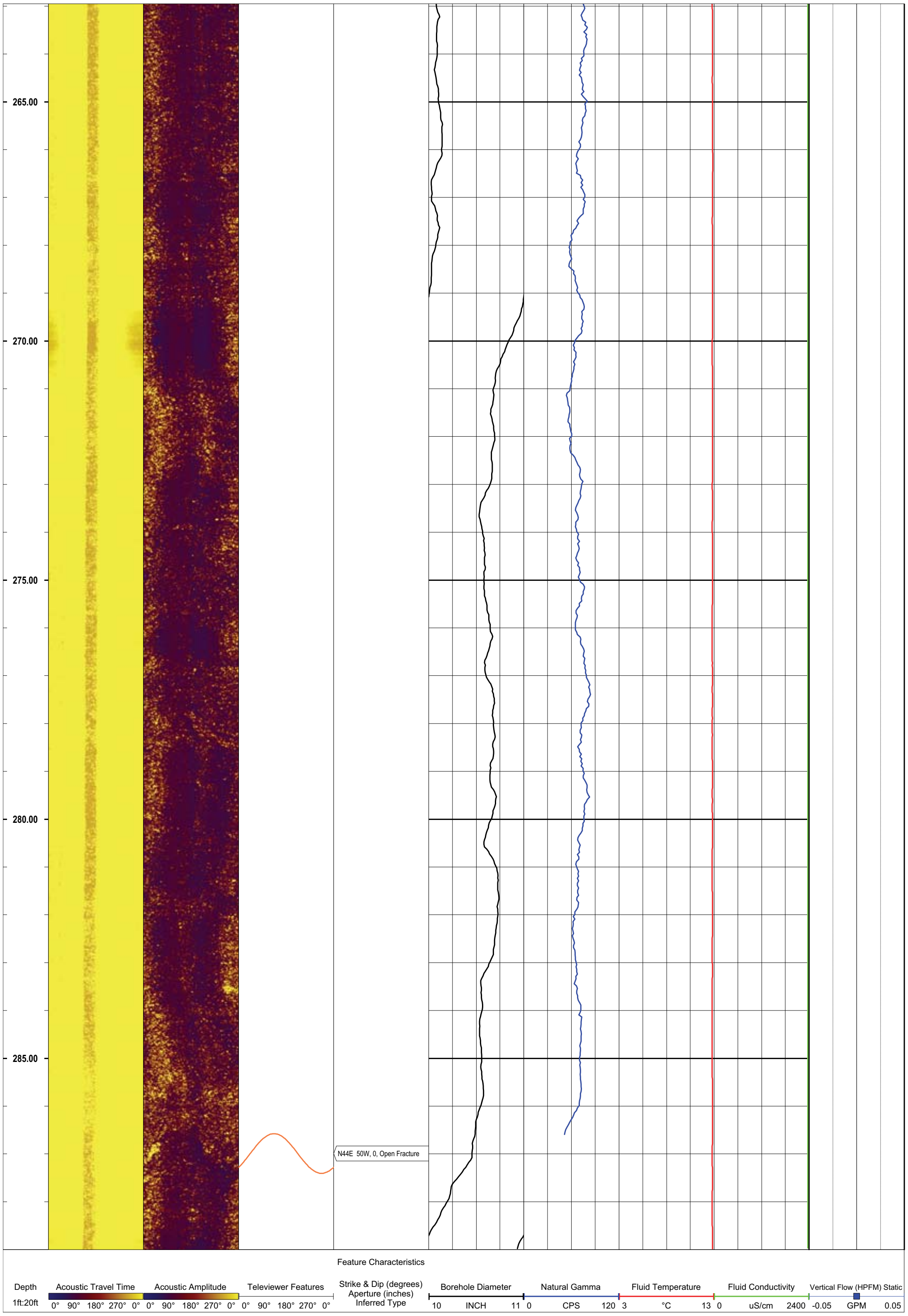

135.00
140.00
145.00
150.00
155.00
160.00
N57E 19W, 0, Sealed Fracture
S75E 12E, 0, Open Fracture
S48E 14E, 0, Sealed Fracture
N62E 33W, 0, Sealed Fracture
S88E 20E, 0, Sealed Fracture
0.010
0.010
0.009
0.012


165.00
170.00
175.00
180.00
185.00
190.00
195.00
N72E 35W, 0, Sealed Fracture
N62E 36W, 0, Sealed Fracture
S73W 5E, 0, Sealed Fracture
0.009
0.000



200.00
205.00
210.00
215.00
220.00
225.00
230.00
N80E 30W, 0, Open Fracture
S85E 14E, 0, Sealed Fracture
N66E 24W, 0, Sealed Fracture
N67E 35W, 0, Sealed Fracture
N68E 53W, 0, Sealed Fracture
0.000
0.000


N59E 40W, 0, Open Fracture
235.00
240.00
245.00
250.00
N71E 21W, 0, Sealed Fracture
255.00
260.00


265.00
270.00
275.00
280.00
285.00
N44E 50W, 0, Open Fracture
Feature Characteristics
Depth
1ft:20ft
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Borehole Diameter
10 INCH 11
Natural Gamma
0 CPS 120
Fluid Temperature
3 °C 13
Fluid Conductivity
0 uS/cm 2400
Vertical Flow (HPFM) Static
-0.05 GPM 0.05

Mid-Atlantic Geosciences

Title: *Televiewer, Geophysical, and Flowmeter Logs*

WELL ID *MW-181B*

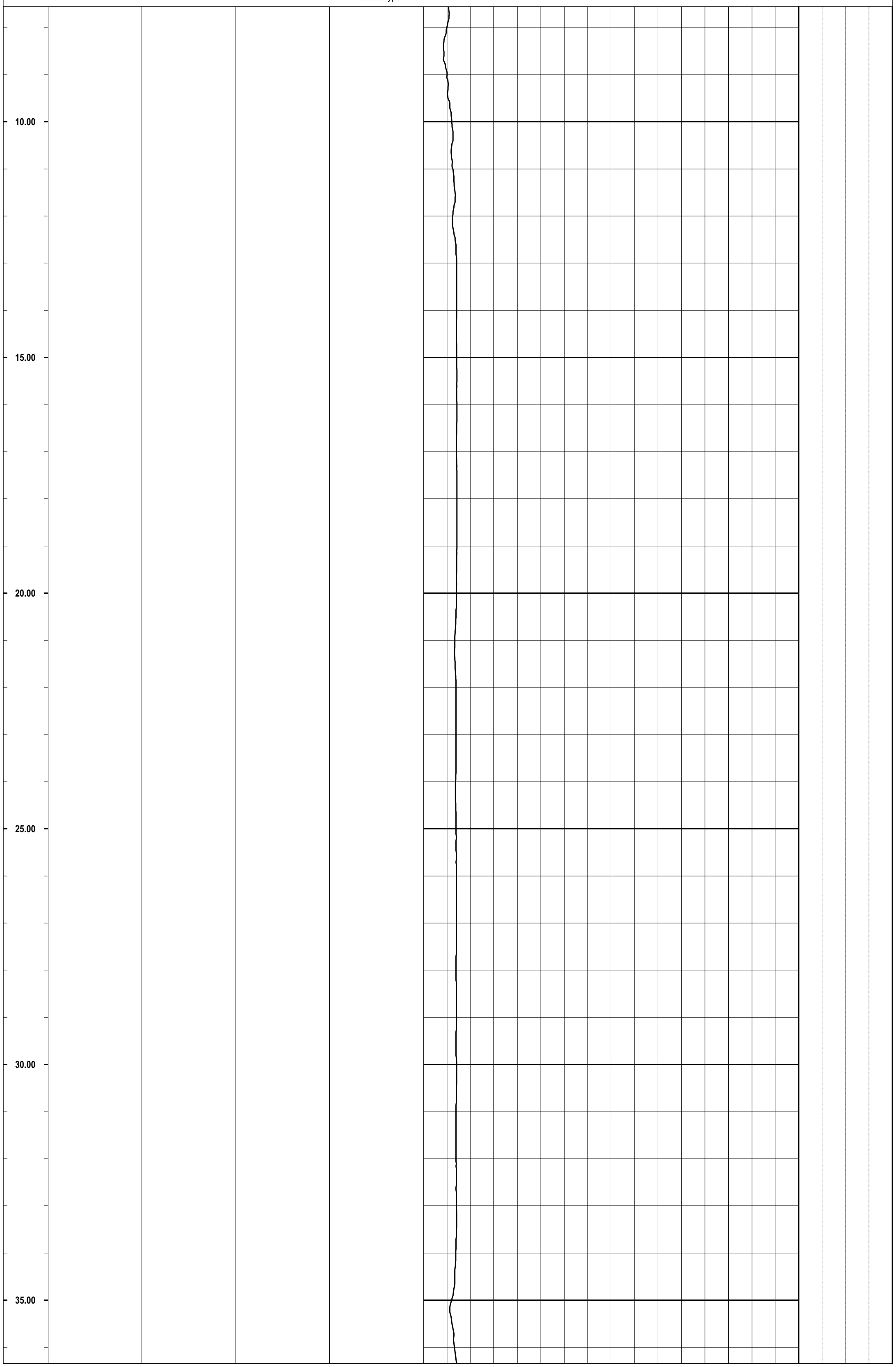
Logging Date: *01.04.2011*
Logging Datum: *Ground Surface*
BOC: *60.7'* **DTW:** *59.8'* **TD:** *123.6'*

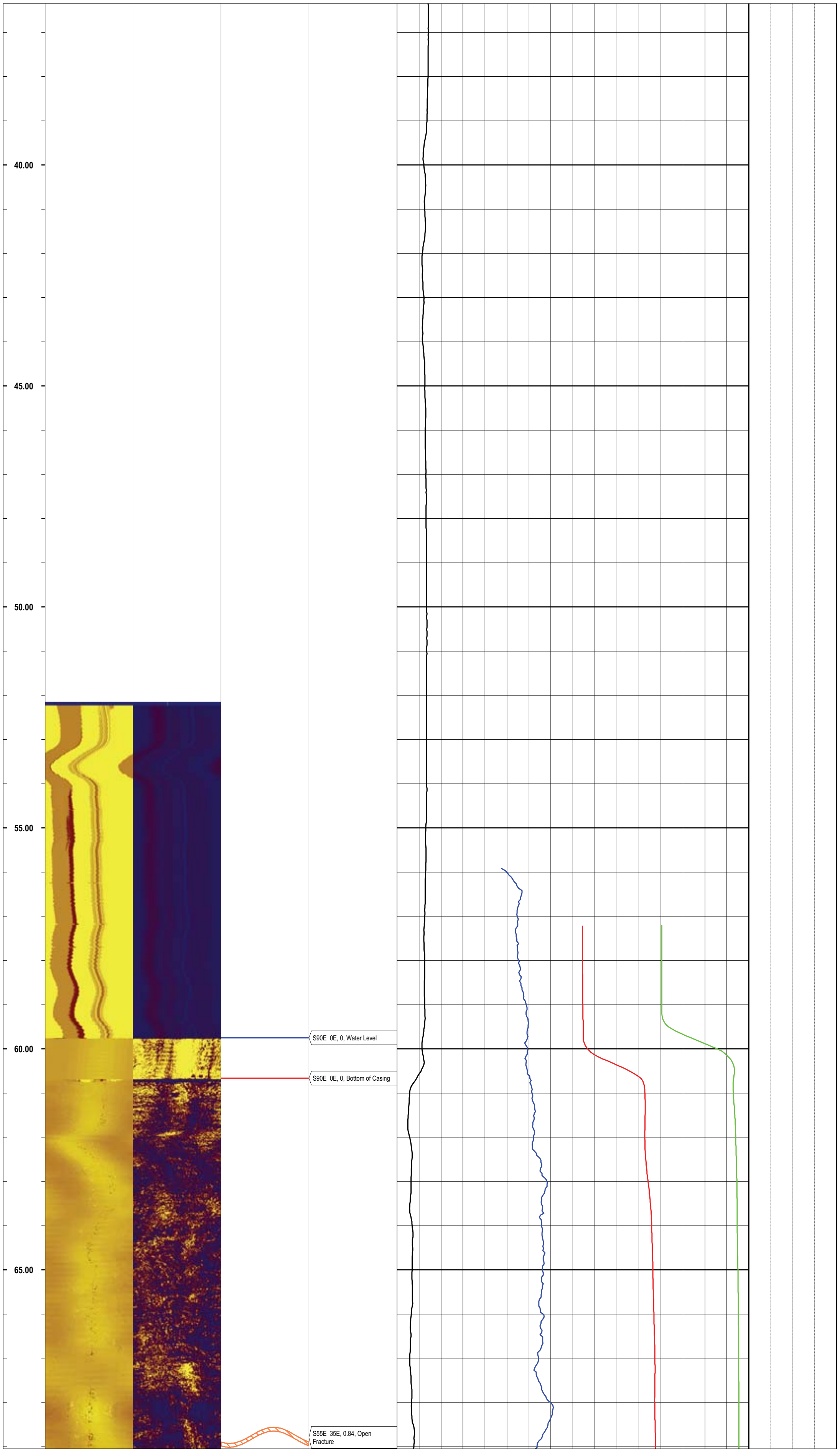
Site Name:
Location: *Phoenix, MD*

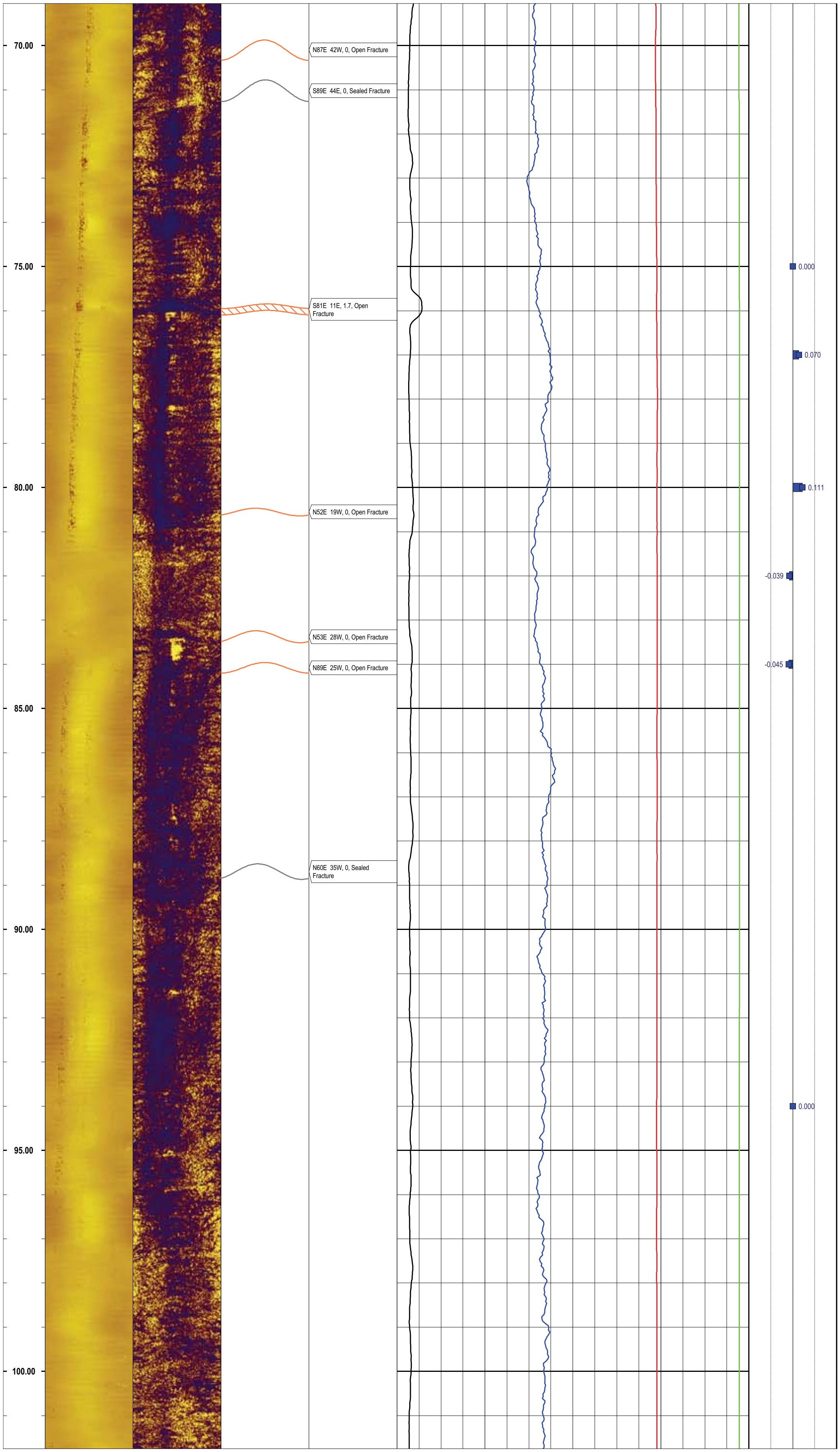
Client: *Kleinfelder*
Project No.: *101042*

Revision Date: *02.24.2011*

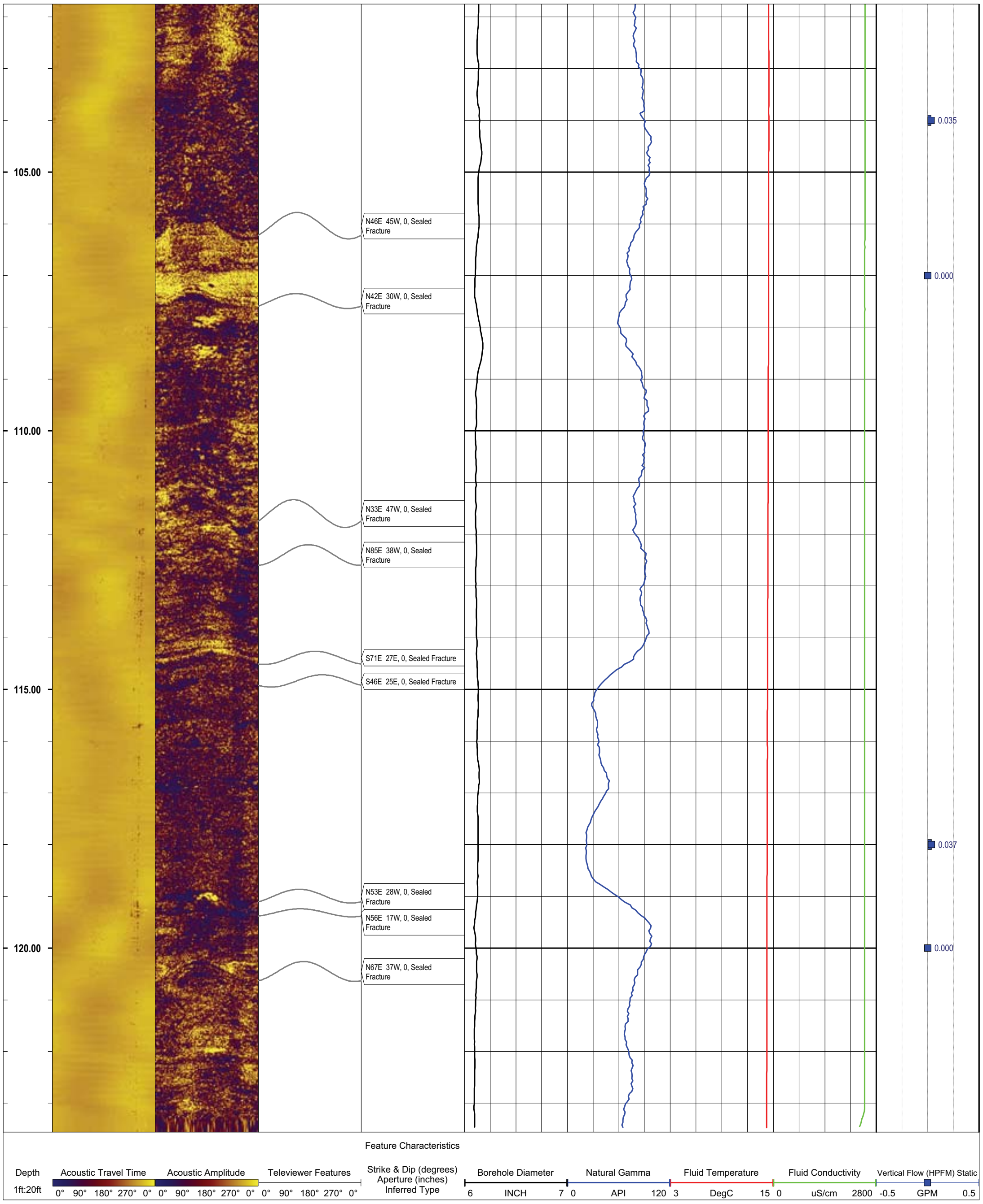
Depth	Acoustic Travel Time	Acoustic Amplitude	Televiewer Features	Feature Characteristics	Borehole Diameter	Natural Gamma	Fluid Temperature	Fluid Conductivity	Vertical Flow (HPFM) Static
1ft:20ft	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	Strike & Dip (degrees) Aperture (inches) Inferred Type	6 INCH 7	0 API 120	3 DegC 15	0 uS/cm 2800	-0.5 GPM 0.5




40.00
45.00
50.00
55.00
60.00
65.00
S90E 0E, 0, Water Level
S90E 0E, 0, Bottom of Casing
S55E 35E, 0.84, Open Fracture



70.00
N87E 42W, 0, Open Fracture
S89E 44E, 0, Sealed Fracture
75.00
0.000
S81E 11E, 1.7, Open Fracture
0.070
80.00
0.111
N52E 19W, 0, Open Fracture
-0.039
N53E 28W, 0, Open Fracture
N89E 25W, 0, Open Fracture
-0.045
85.00
N60E 35W, 0, Sealed Fracture
90.00
0.000
95.00
100.00



105.00
110.00
115.00
120.00
N46E 45W, 0, Sealed Fracture
N42E 30W, 0, Sealed Fracture
N33E 47W, 0, Sealed Fracture
N85E 38W, 0, Sealed Fracture
S71E 27E, 0, Sealed Fracture
S46E 25E, 0, Sealed Fracture
N53E 28W, 0, Sealed Fracture
N56E 17W, 0, Sealed Fracture
N67E 37W, 0, Sealed Fracture
0.035
0.000
0.037
0.000
Feature Characteristics
Depth
1ft:20ft
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Borehole Diameter
6 INCH 7
Natural Gamma
0 API 120
Fluid Temperature
3 DegC 15
Fluid Conductivity
0 uS/cm 2800
Vertical Flow (HPFM) Static
-0.5 GPM 0.5

Mid-Atlantic Geosciences

Title: *Televiewer, Geophysical, and Flowmeter Logs*

WELL ID *MW-181C*

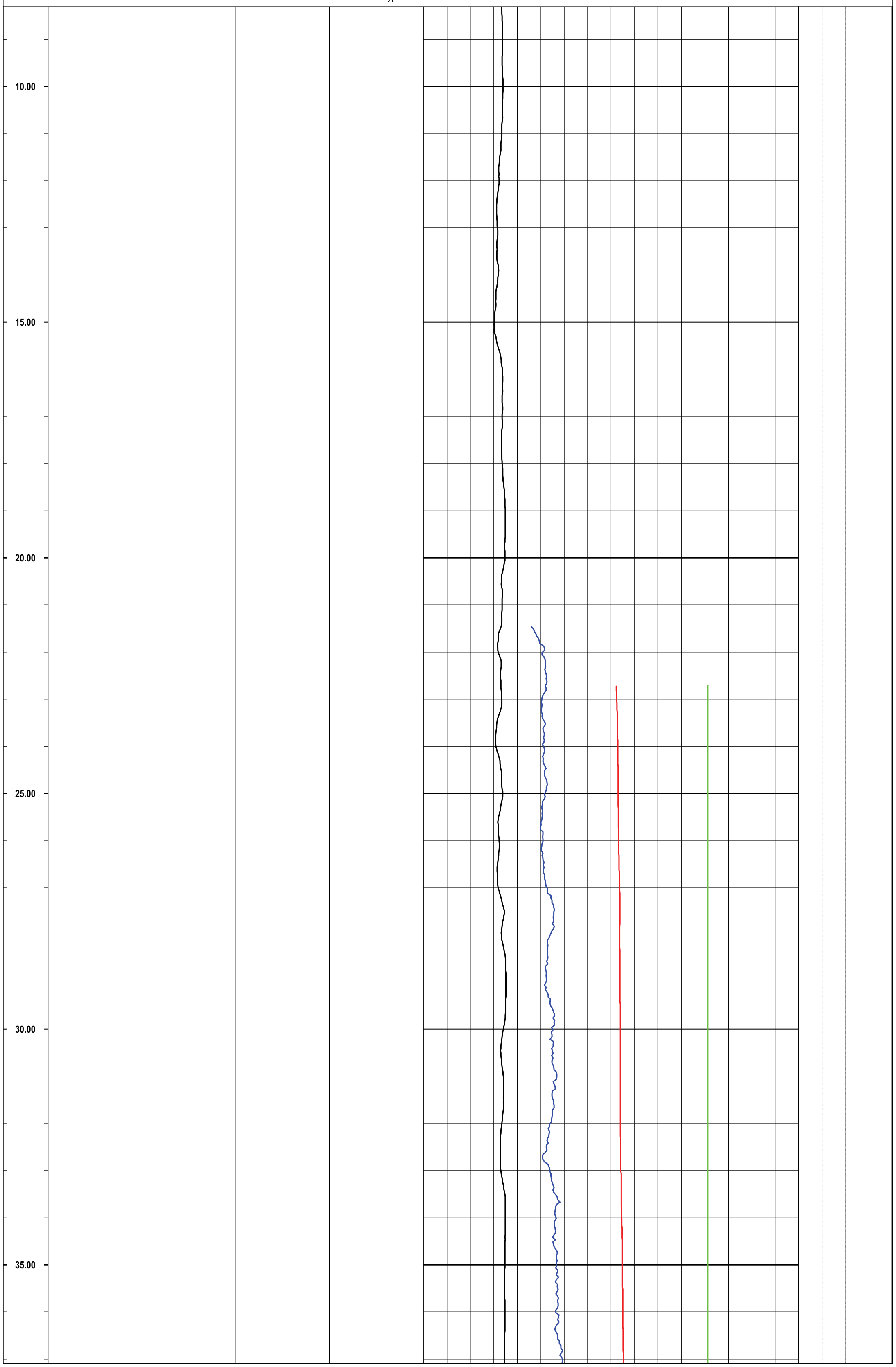
Logging Date: *01.24.2011*
Logging Datum: *Ground Surface*
BOC: *123.8'* **DTW:** *113.9'* **TD:** *293.7'*

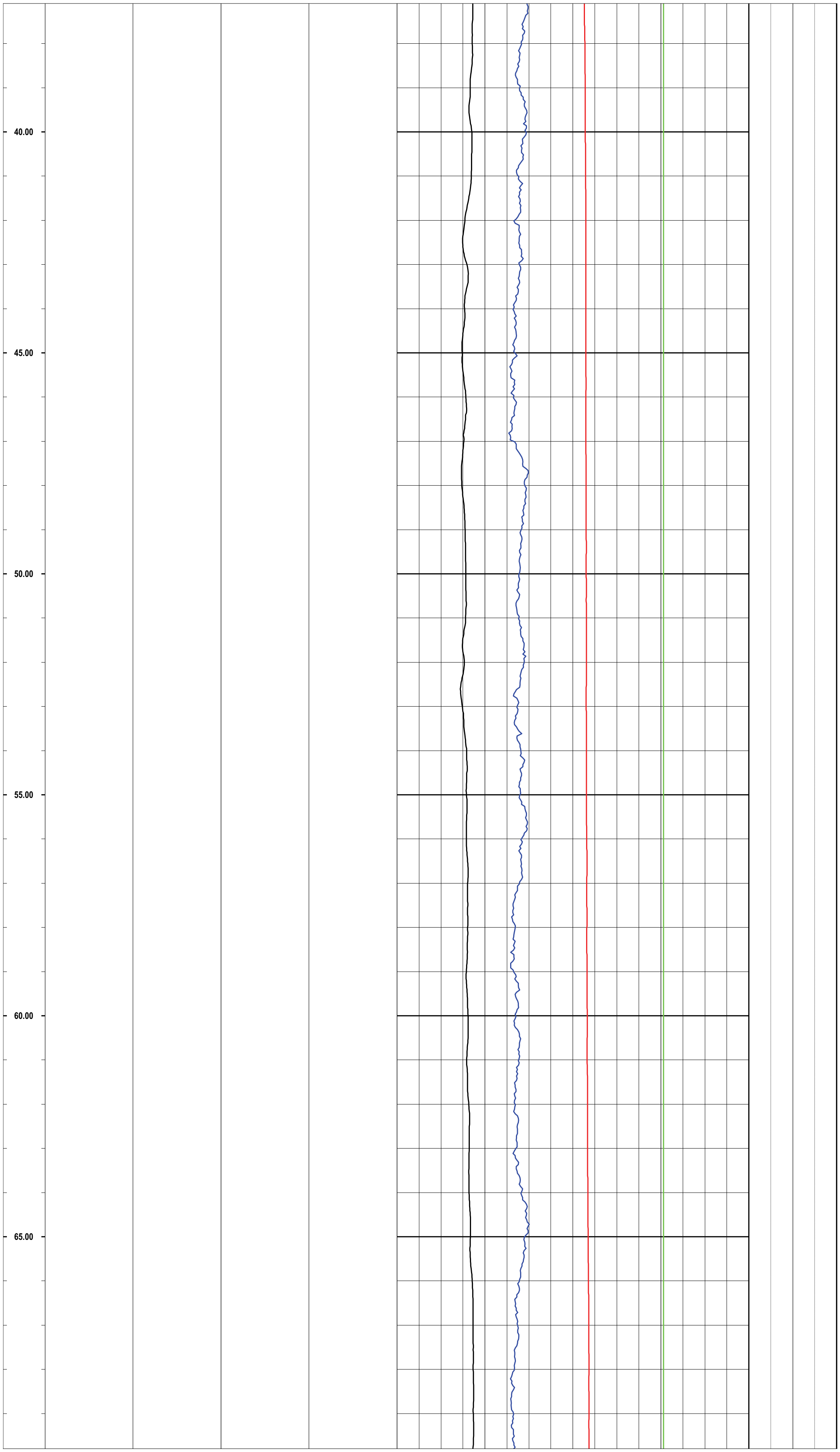
Site Name:
Location: *Phoenix, MD*

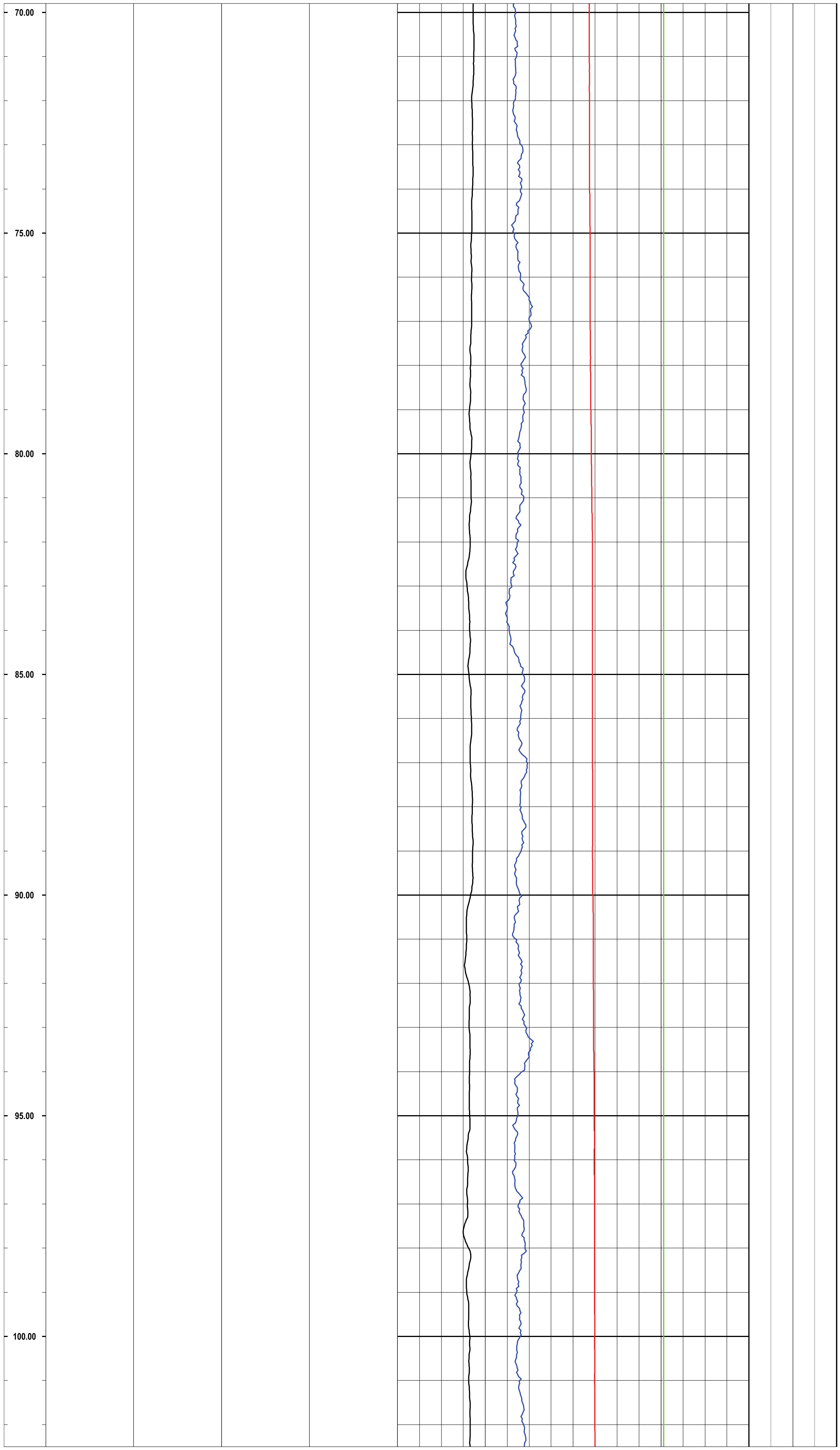
Client: *Kleinfelder*
Project No.: *101042*

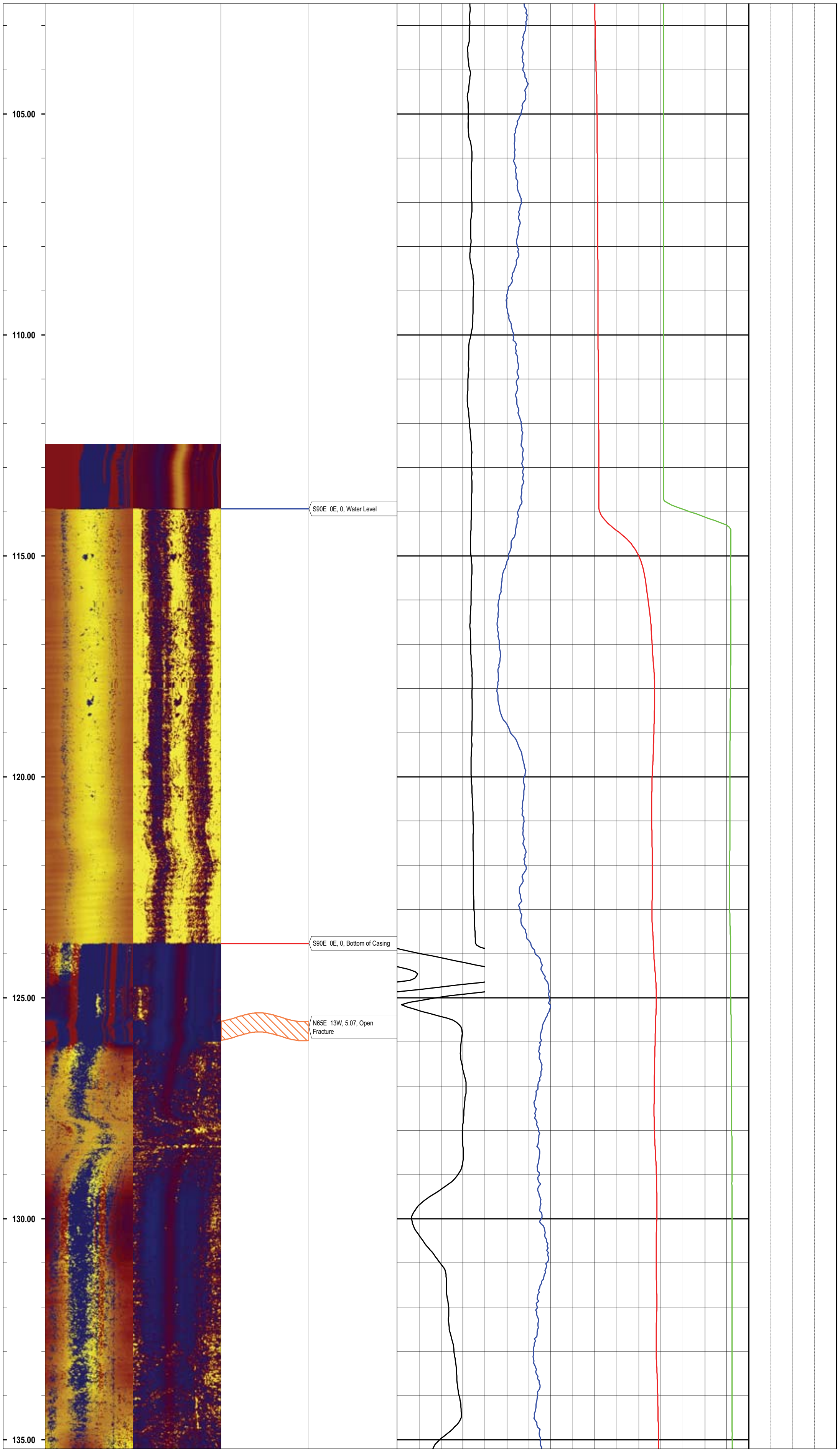
Revision Date: *02.24.2011*

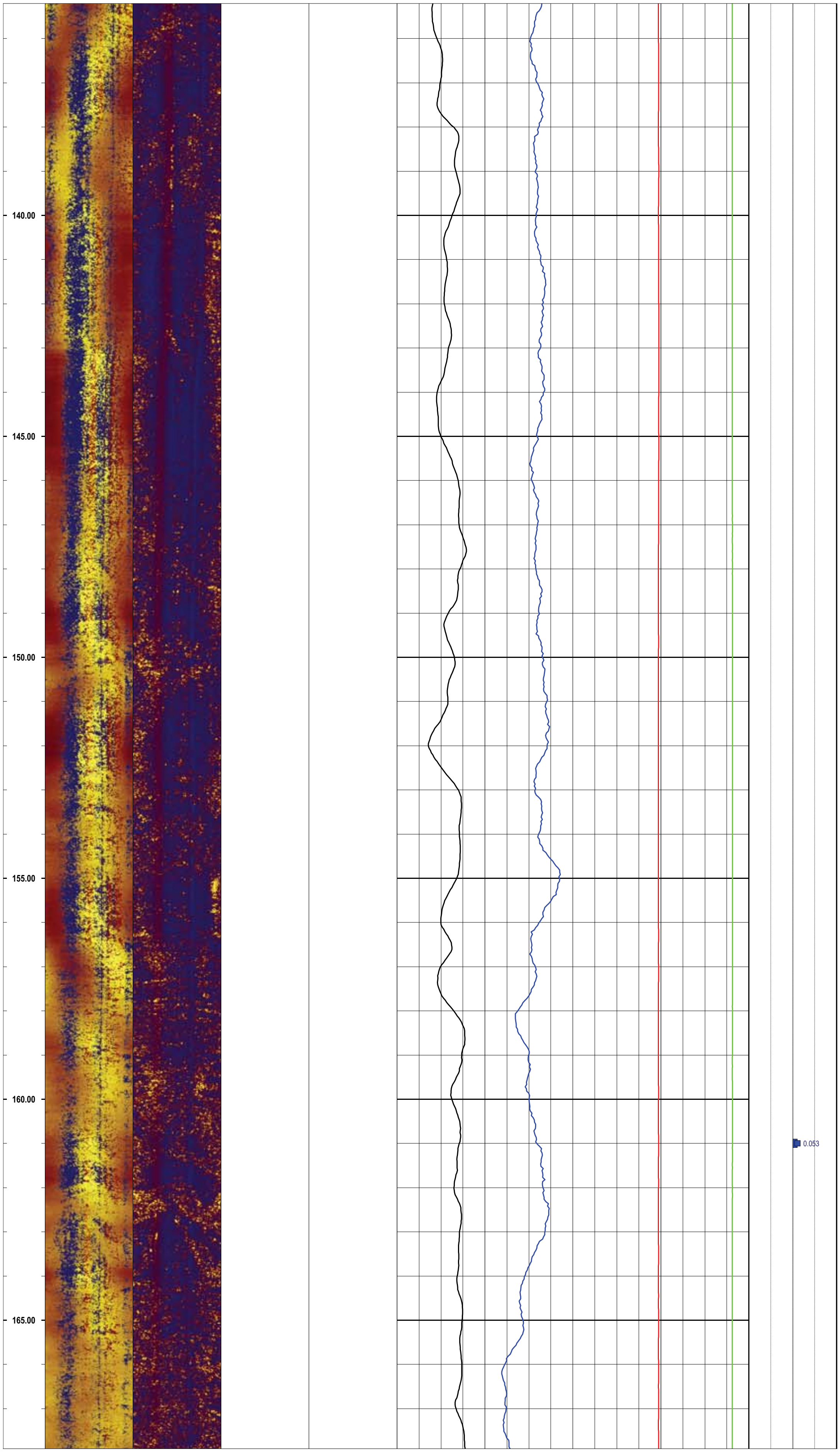
Depth	Acoustic Travel Time	Acoustic Amplitude	Televiewer Features	Feature Characteristics	Borehole Diameter	Natural Gamma	Fluid Temperature	Fluid Conductivity	Vertical Flow (HPFM) Static
1ft:20ft	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°	Strike & Dip (degrees) Aperture (inches) Inferred Type	9 INCH 11	0 API 120	4 DegC 14	0 uS/cm 800	-0.5 GPM 0.5

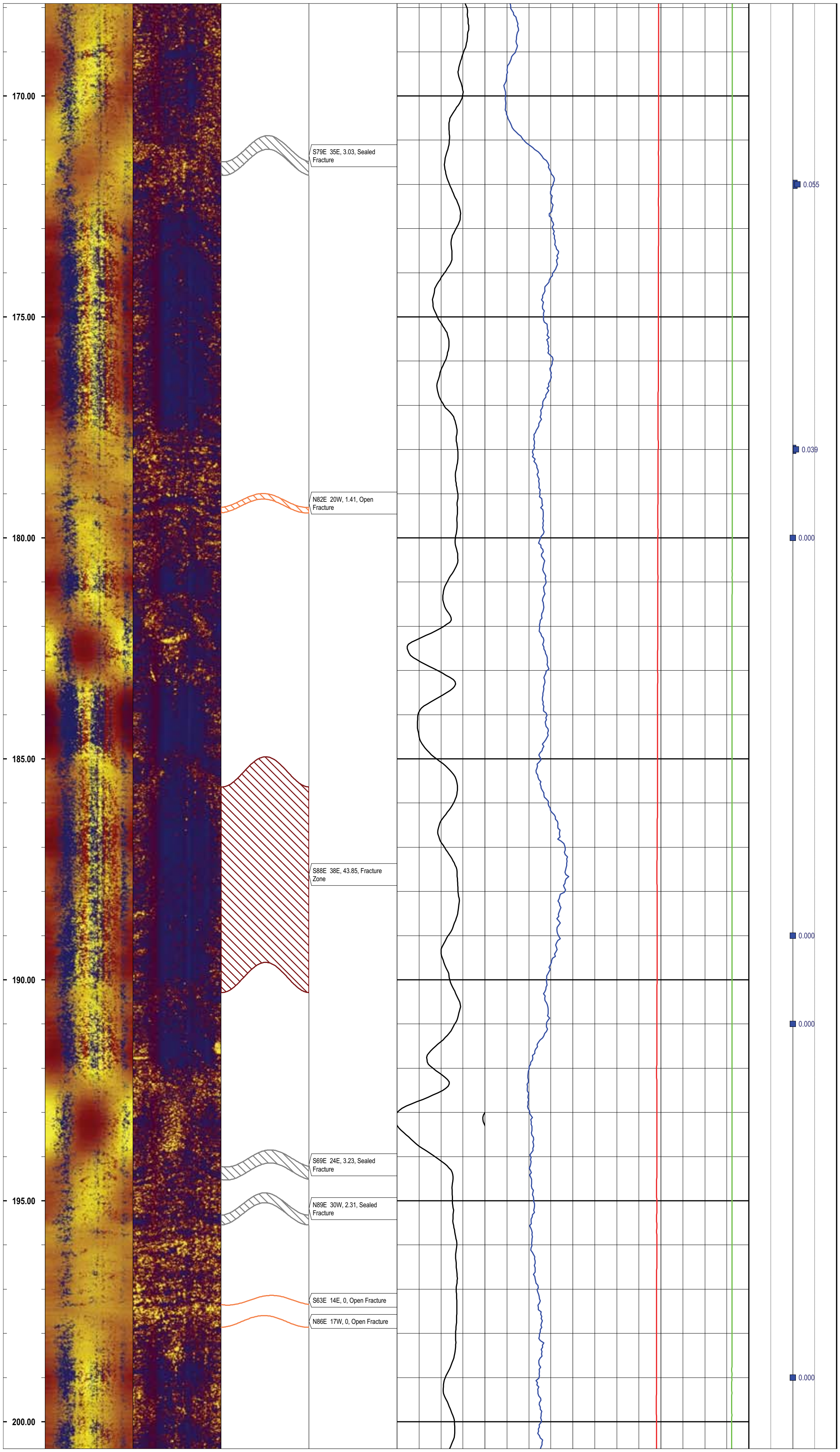


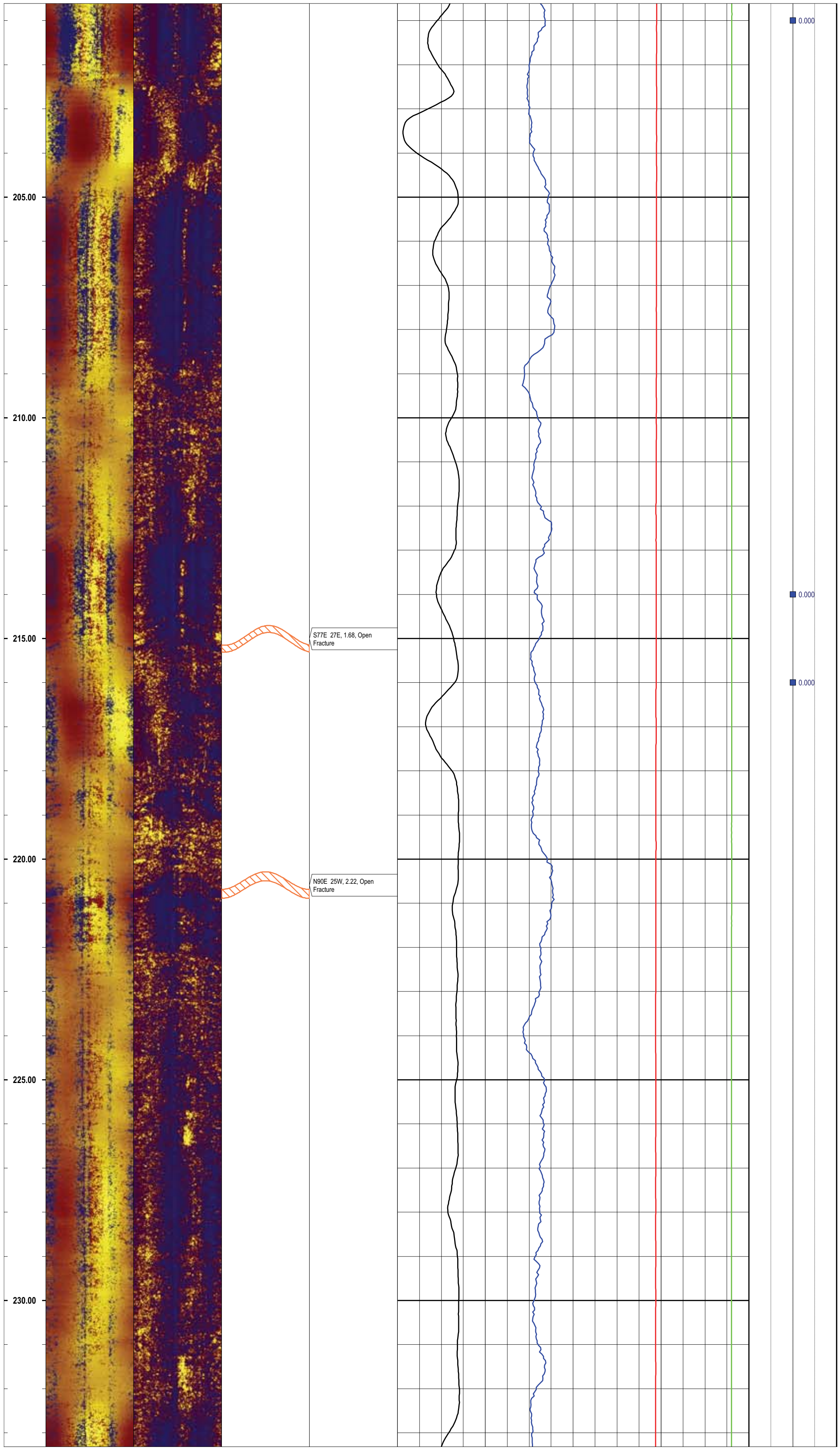

40.00
45.00
50.00
55.00
60.00
65.00

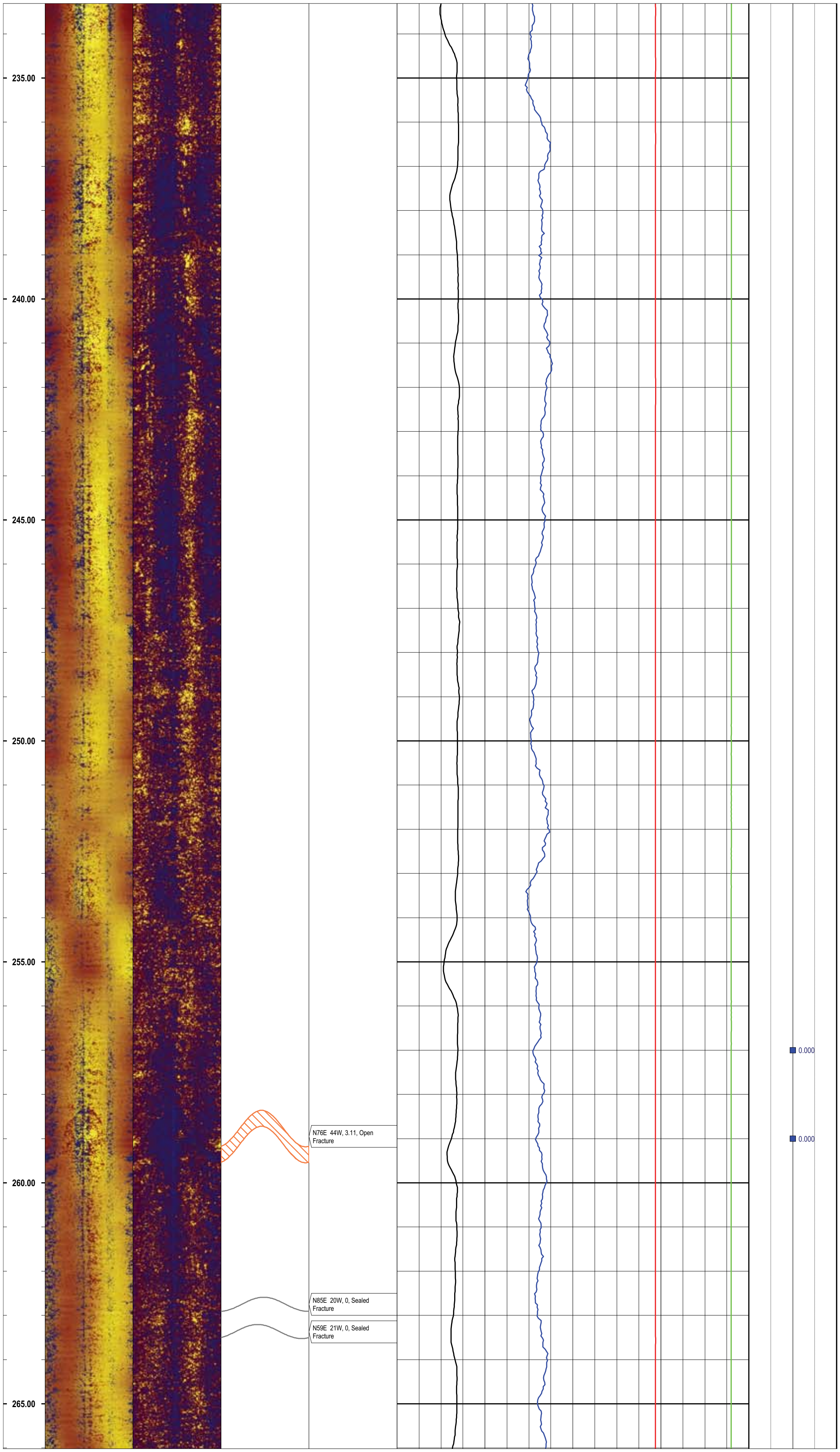

70.00
75.00
80.00
85.00
90.00
95.00
100.00

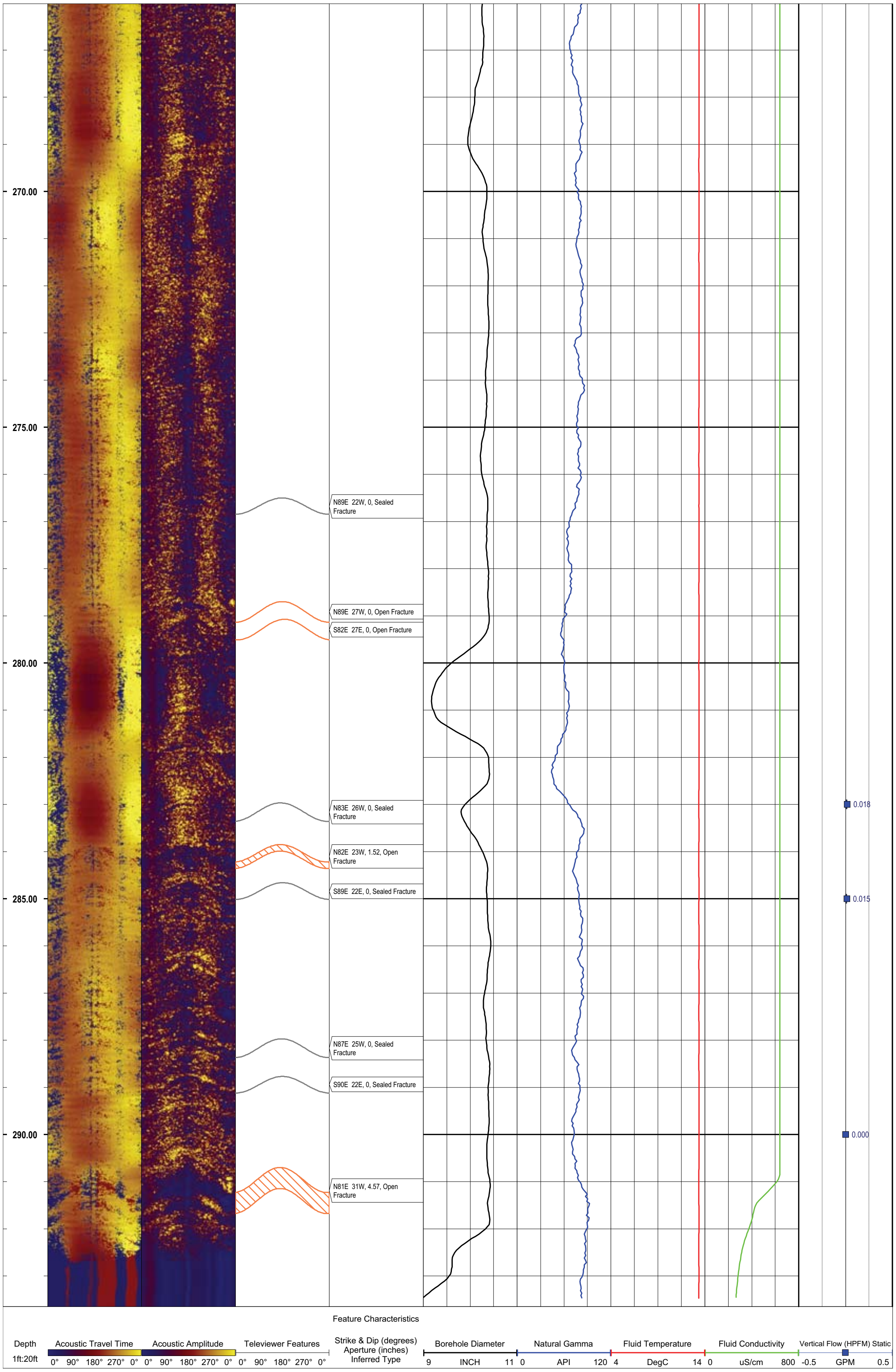

105.00
110.00
115.00
120.00
125.00
130.00
135.00
S90E 0E, 0, Water Level
S90E 0E, 0, Bottom of Casing
N65E 13W, 5.07, Open
Fracture


140.00
145.00
150.00
155.00
160.00
165.00
0.053


170.00
175.00
180.00
185.00
190.00
195.00
200.00
S79E 35E, 3.03, Sealed Fracture
N82E 20W, 1.41, Open Fracture
S88E 38E, 43.85, Fracture Zone
S69E 24E, 3.23, Sealed Fracture
N89E 30W, 2.31, Sealed Fracture
S63E 14E, 0, Open Fracture
N86E 17W, 0, Open Fracture
0.055
0.039
0.000
0.000
0.000
0.000


205.00
210.00
215.00
220.00
225.00
230.00
S77E 27E, 1.68, Open Fracture
N90E 25W, 2.22, Open Fracture
0.000
0.000
0.000


235.00
240.00
245.00
250.00
255.00
N76E 44W, 3.11, Open Fracture
0.000
0.000
260.00
N85E 20W, 0, Sealed Fracture
N59E 21W, 0, Sealed Fracture
265.00

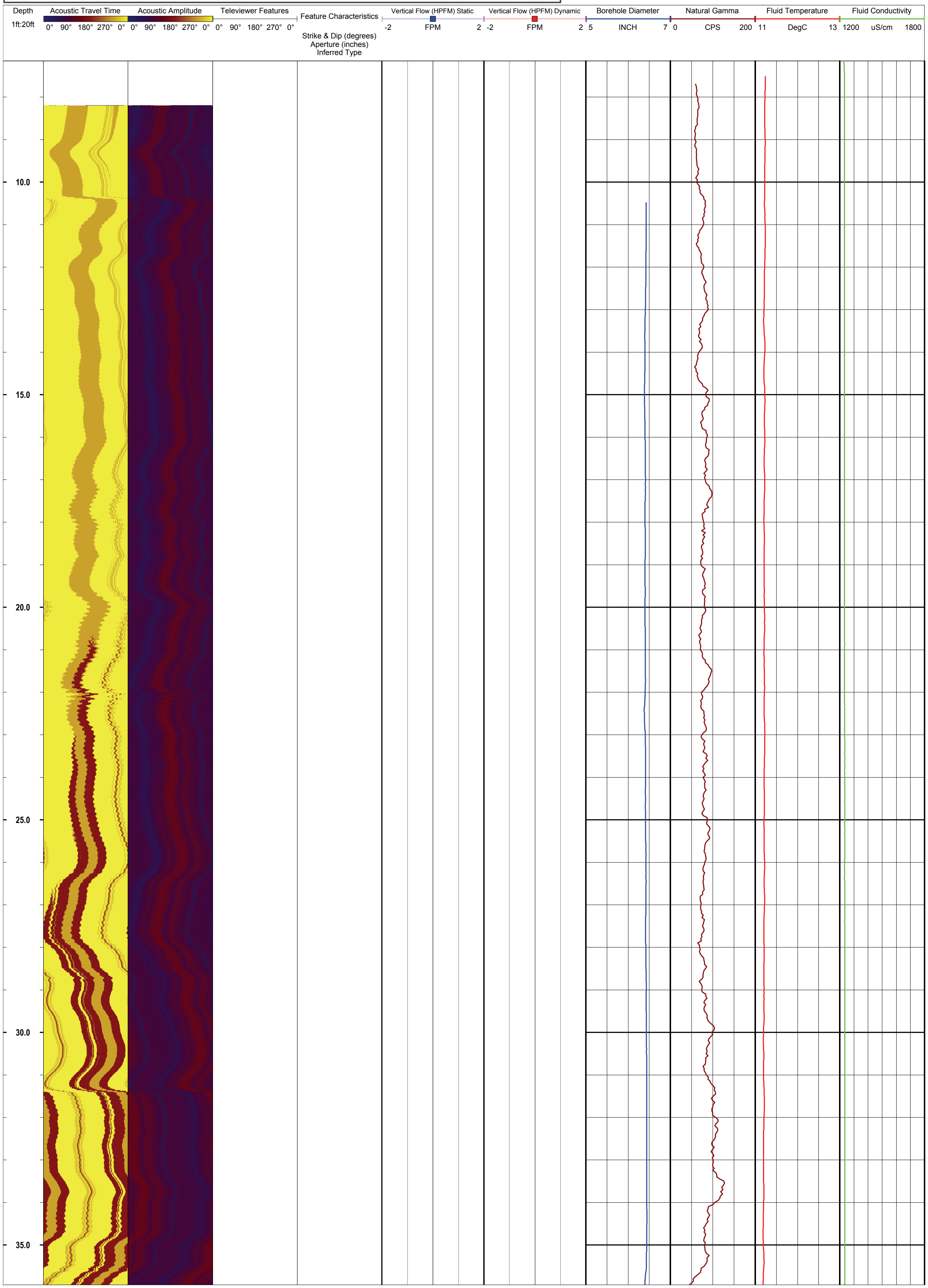

270.00
275.00
280.00
285.00
290.00
N89E 22W, 0, Sealed Fracture
N89E 27W, 0, Open Fracture
S82E 27E, 0, Open Fracture
N83E 26W, 0, Sealed Fracture
N82E 23W, 1.52, Open Fracture
S89E 22E, 0, Sealed Fracture
N87E 25W, 0, Sealed Fracture
S90E 22E, 0, Sealed Fracture
N81E 31W, 4.57, Open Fracture
0.018
0.015
0.000
Feature Characteristics
Depth
1ft:20ft
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Borehole Diameter
9 INCH 11
Natural Gamma
0 API 120
Fluid Temperature
4 DegC 14
Fluid Conductivity
0 uS/cm 800
Vertical Flow (HPFM) Static
-0.5 GPM 0.5

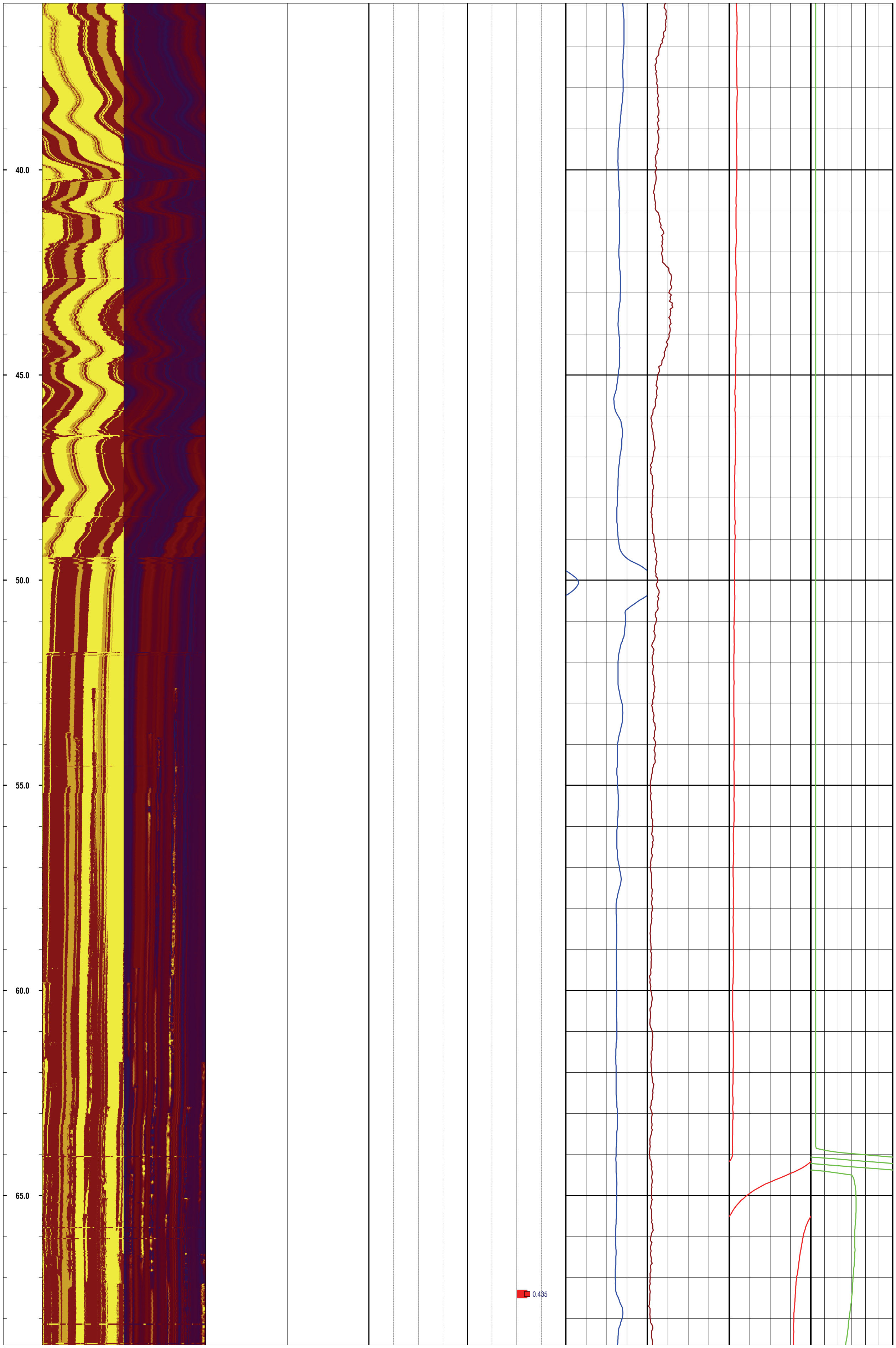
Mid-Atlantic Geosciences	**WELL ID**	**Logging Date:** 05.26.2010
Title: *Televiewer, Geophysical and Flowmeter Logs*	*Hayes PW*	**Logging Datum:** Ground Surface
		BOC: 49.4' **DTW:** 64.1' **TD:** 593.4'

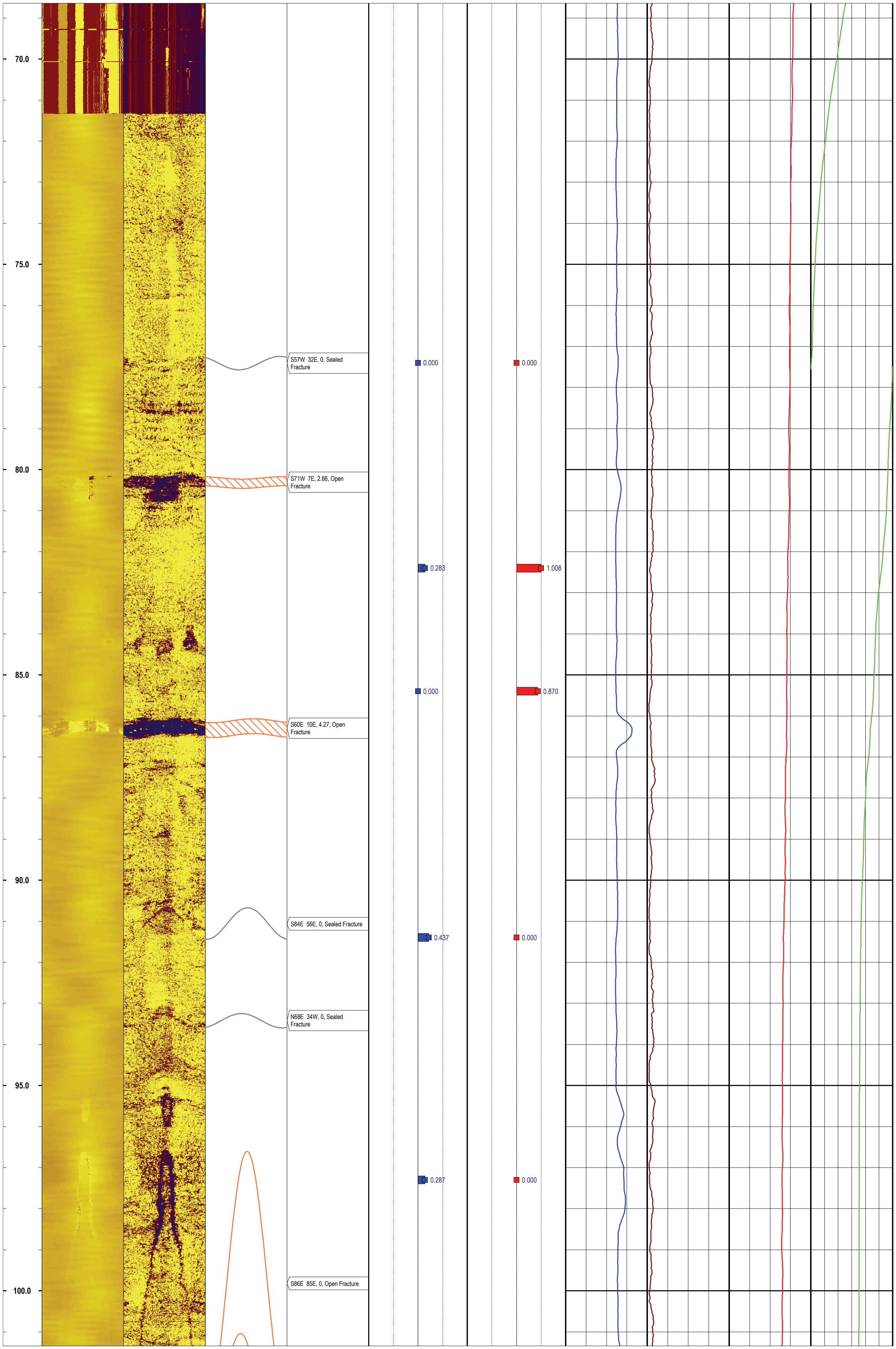
Site Name: 14528 Jarrettsville Pike **Client:** Kleinfelder

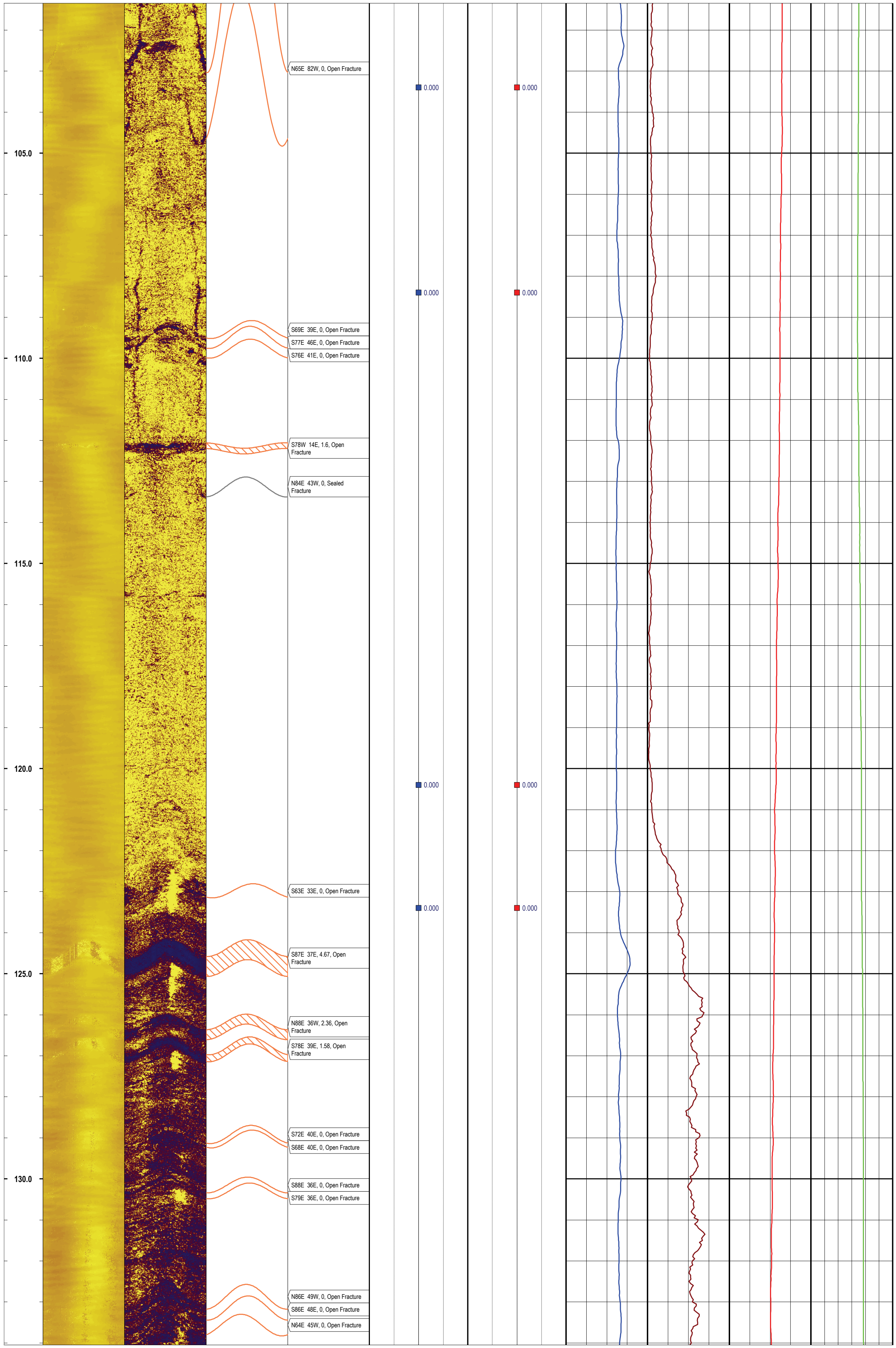
Location: Phoenix, MD **Project No.:** 051001a

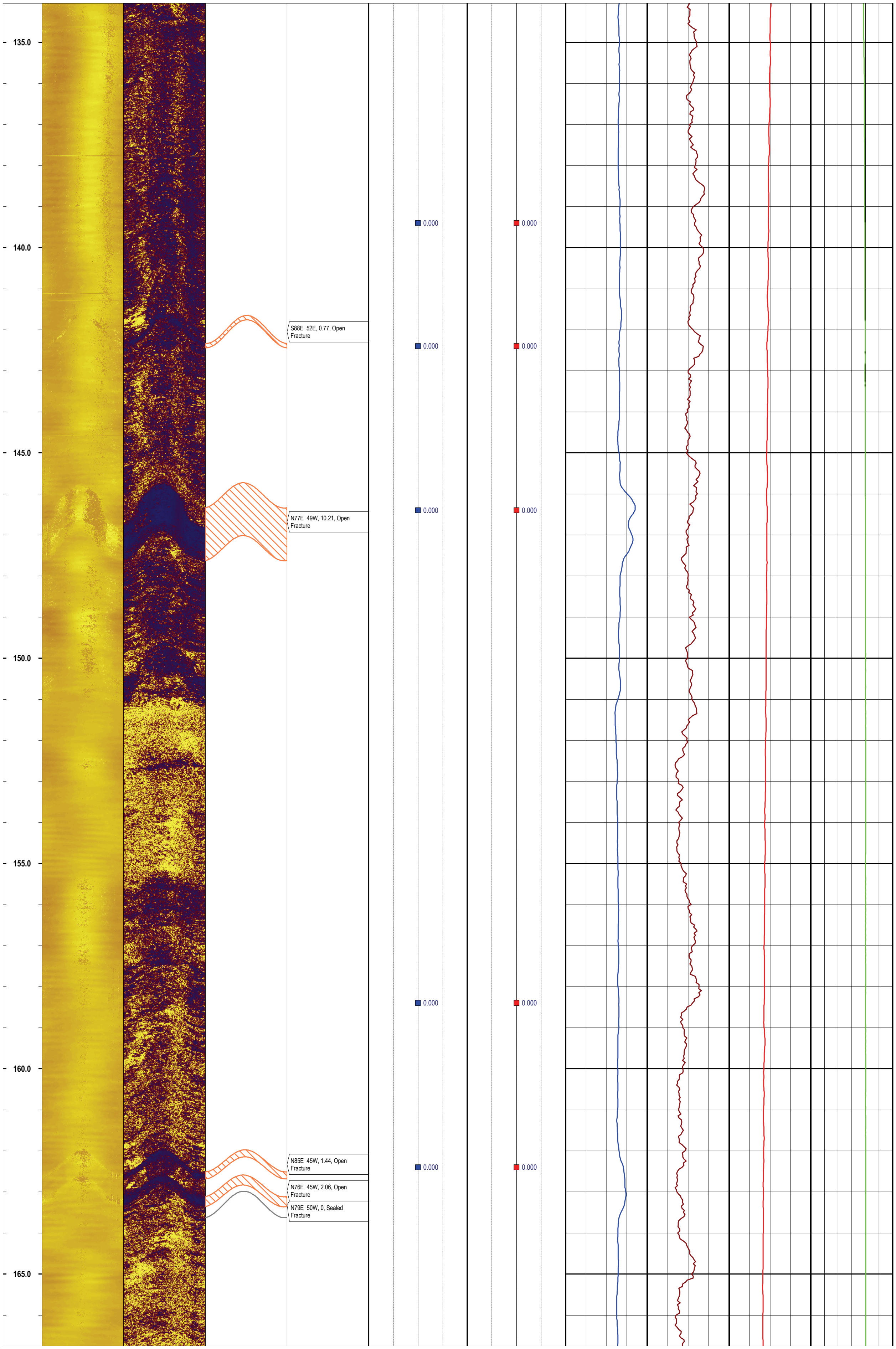
Revision Date: 05.28.2010



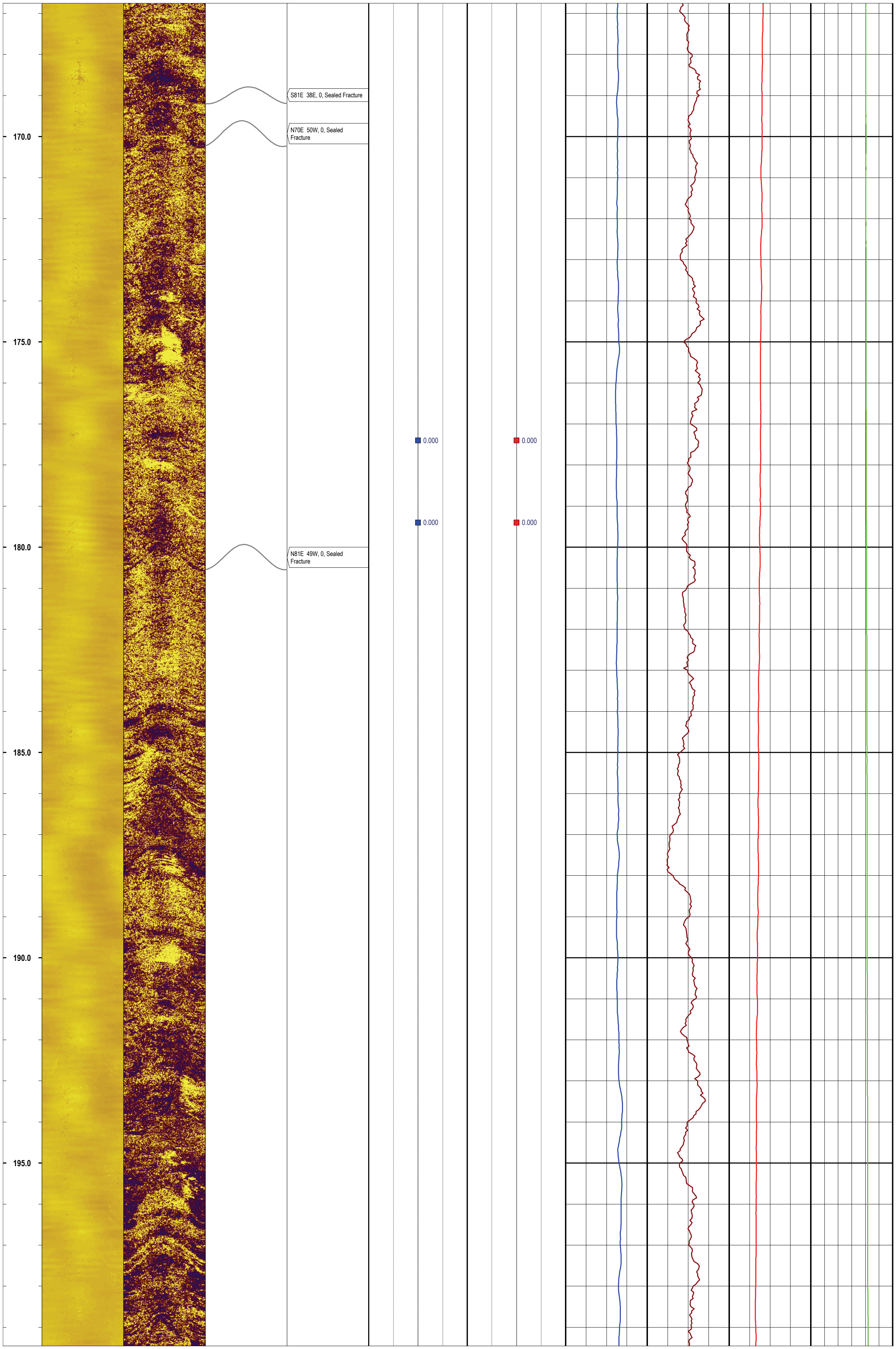

40.0
45.0
50.0
55.0
60.0
65.0
0.435


70.0
75.0
80.0
85.0
90.0
95.0
100.0
S57W 32E, 0, Sealed Fracture
S71W 7E, 2.66, Open Fracture
S60E 10E, 4.27, Open Fracture
S84E 56E, 0, Sealed Fracture
N68E 34W, 0, Sealed Fracture
S86E 85E, 0, Open Fracture
0.000
0.283
0.000
0.437
0.287
0.000
1.008
0.870
0.000
0.000

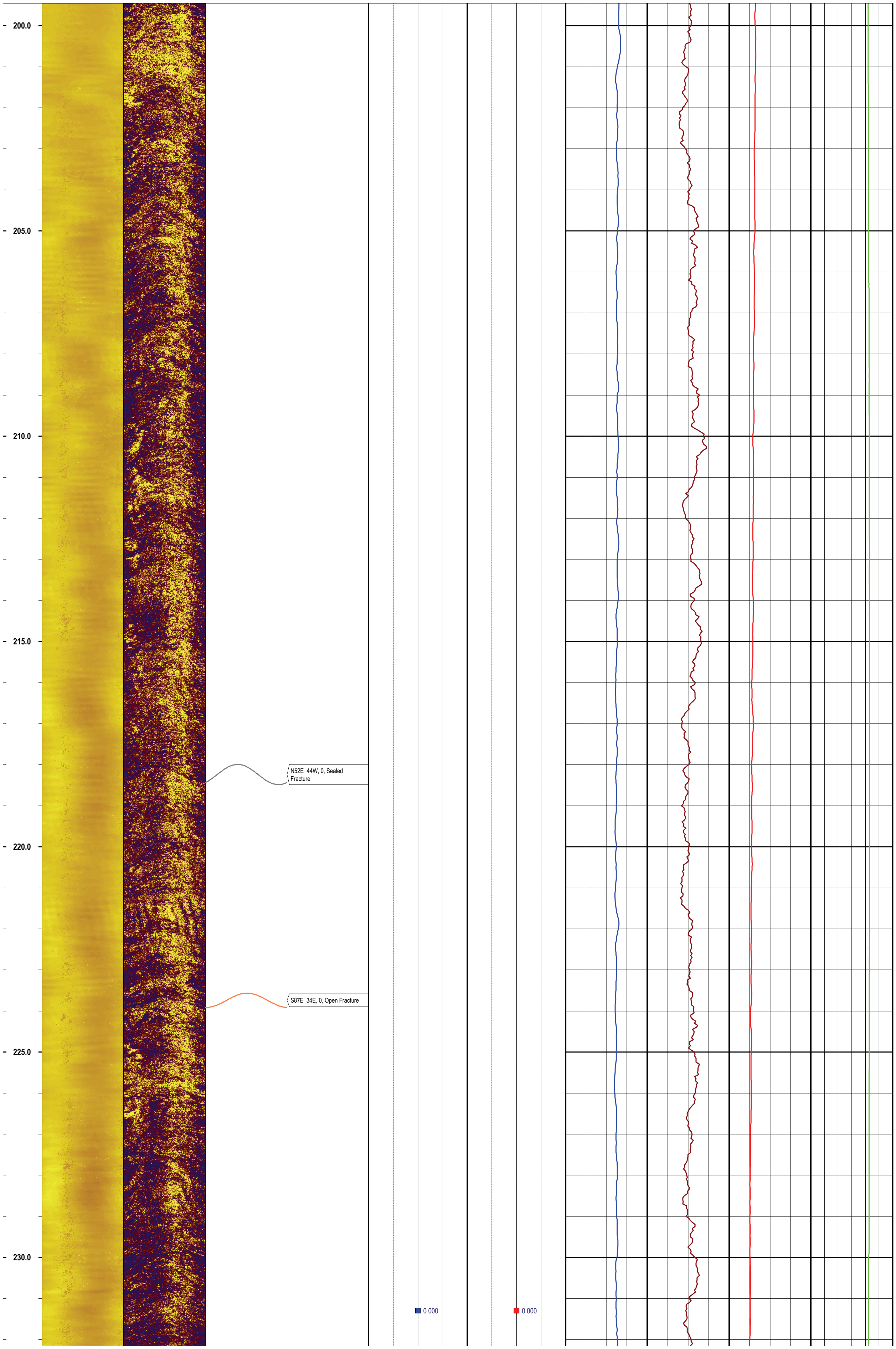

105.0
110.0
115.0
120.0
125.0
130.0
N65E 82W, 0, Open Fracture
S69E 39E, 0, Open Fracture
S77E 46E, 0, Open Fracture
S76E 41E, 0, Open Fracture
S78W 14E, 1.6, Open Fracture
N84E 43W, 0, Sealed Fracture
S63E 33E, 0, Open Fracture
S87E 37E, 4.67, Open Fracture
N88E 36W, 2.36, Open Fracture
S78E 39E, 1.58, Open Fracture
S72E 40E, 0, Open Fracture
S68E 40E, 0, Open Fracture
S88E 36E, 0, Open Fracture
S79E 36E, 0, Open Fracture
N86E 49W, 0, Open Fracture
S86E 48E, 0, Open Fracture
N64E 45W, 0, Open Fracture
0.000
0.000
0.000
0.000
0.000
0.000
0.000
0.000

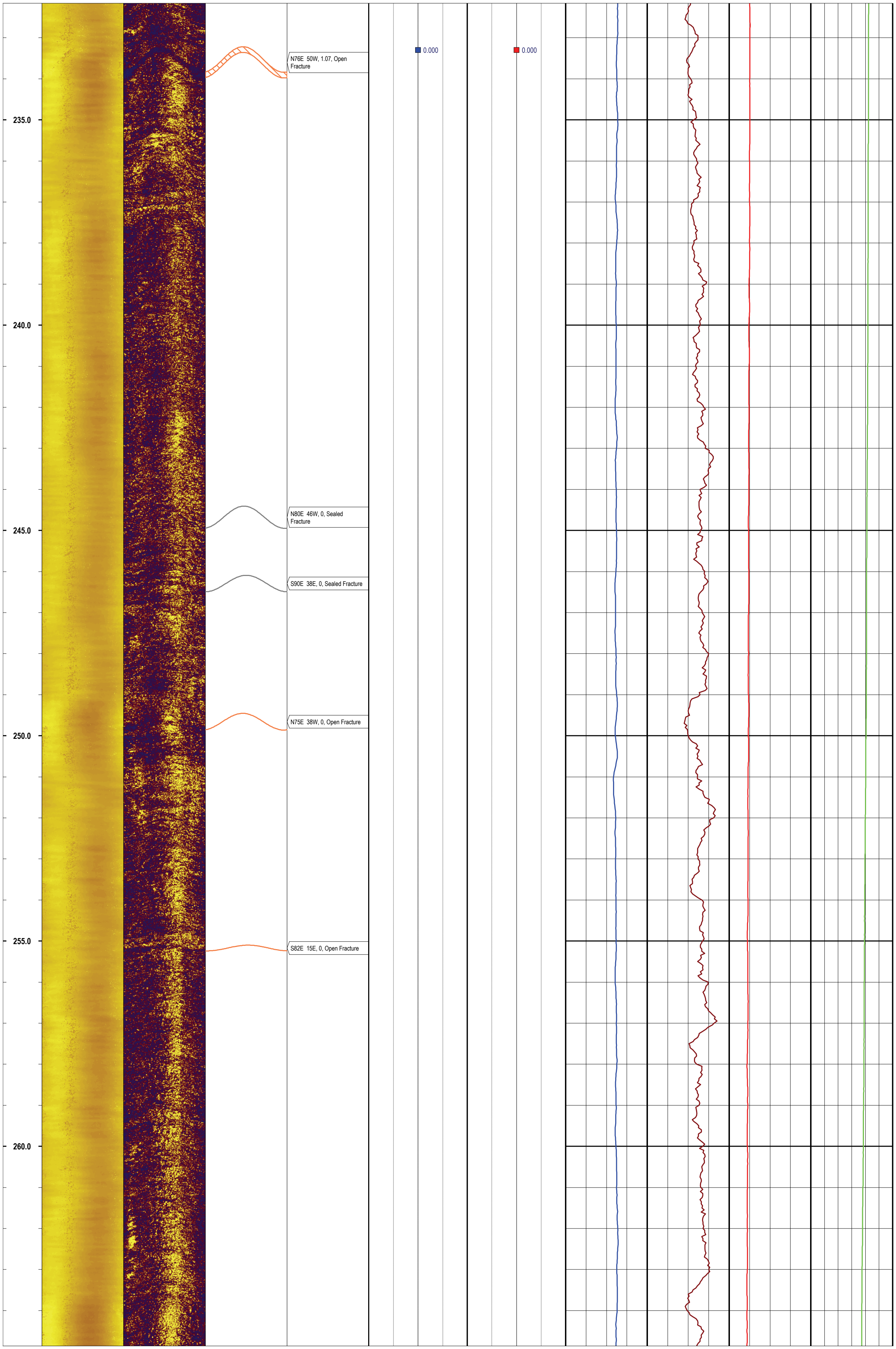


135.0
140.0
145.0
150.0
155.0
160.0
165.0
S88E 52E, 0.77, Open Fracture
N77E 49W, 10.21, Open Fracture
N85E 45W, 1.44, Open Fracture
N76E 45W, 2.06, Open Fracture
N79E 50W, 0, Sealed Fracture
0.000
0.000
0.000
0.000
0.000
0.000
0.000
0.000
0.000
0.000

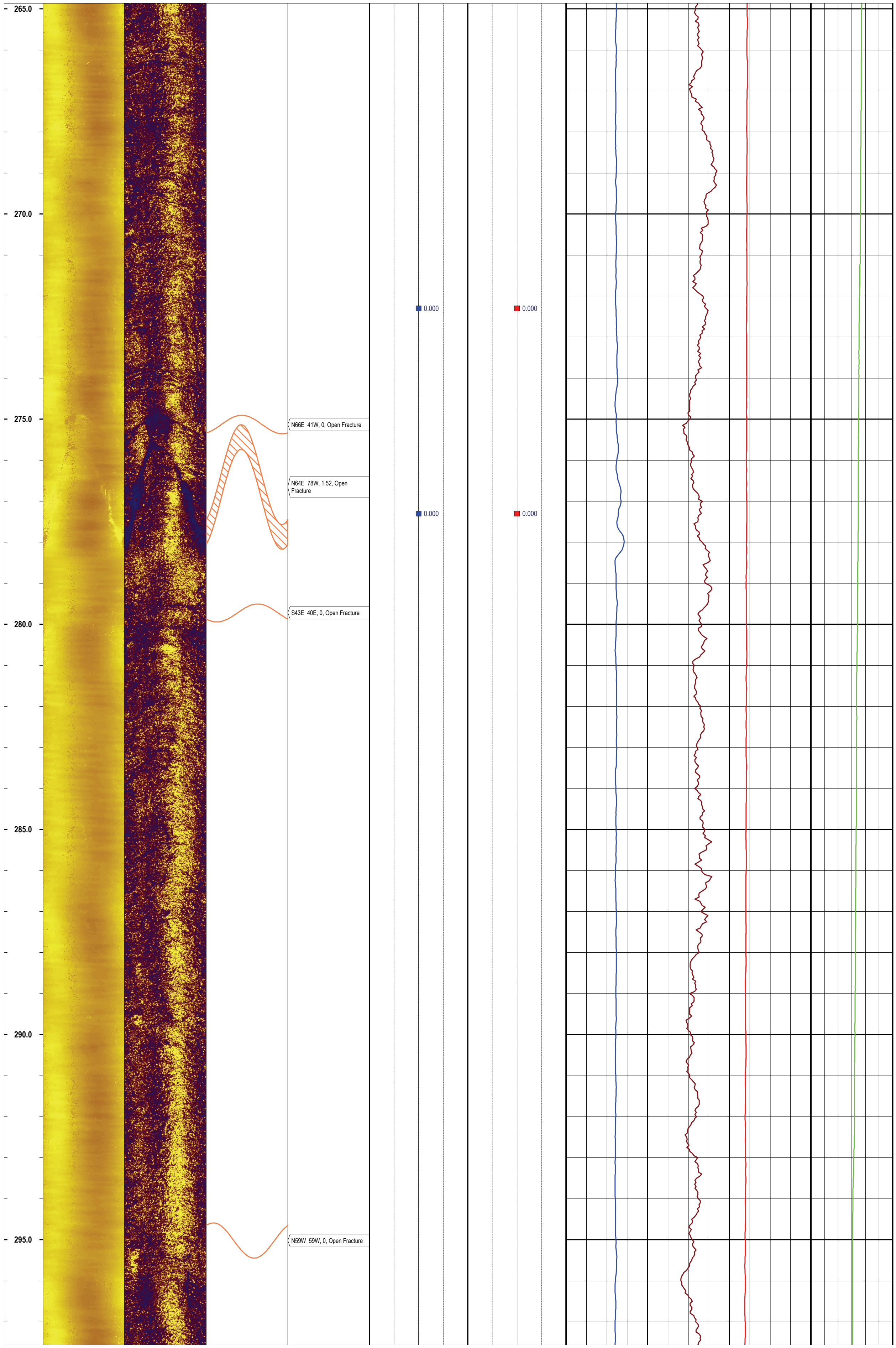


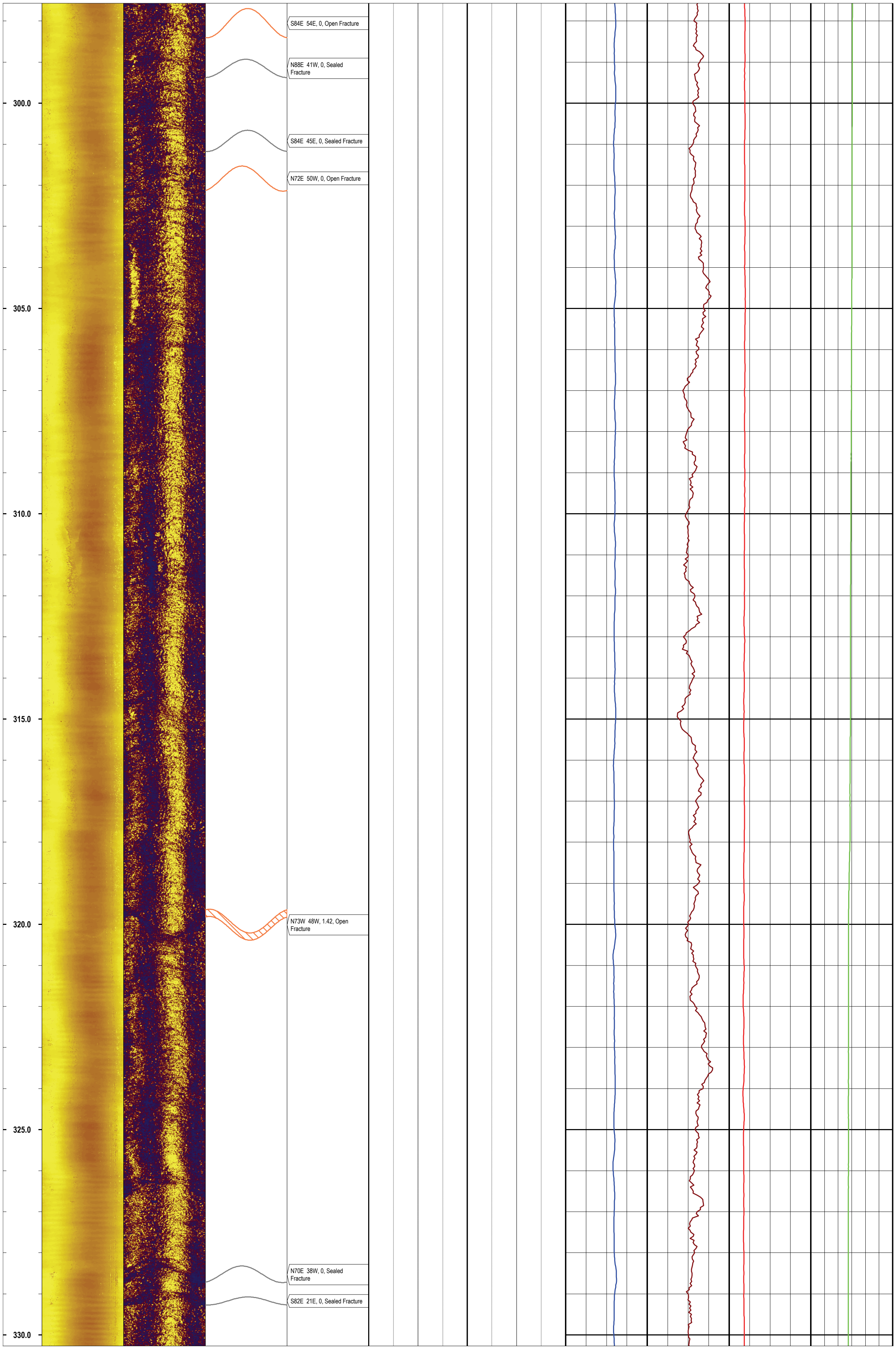
170.0
175.0
180.0
185.0
190.0
195.0
S81E 38E, 0, Sealed Fracture
N70E 50W, 0, Sealed Fracture
N81E 49W, 0, Sealed Fracture
0.000
0.000
0.000
0.000

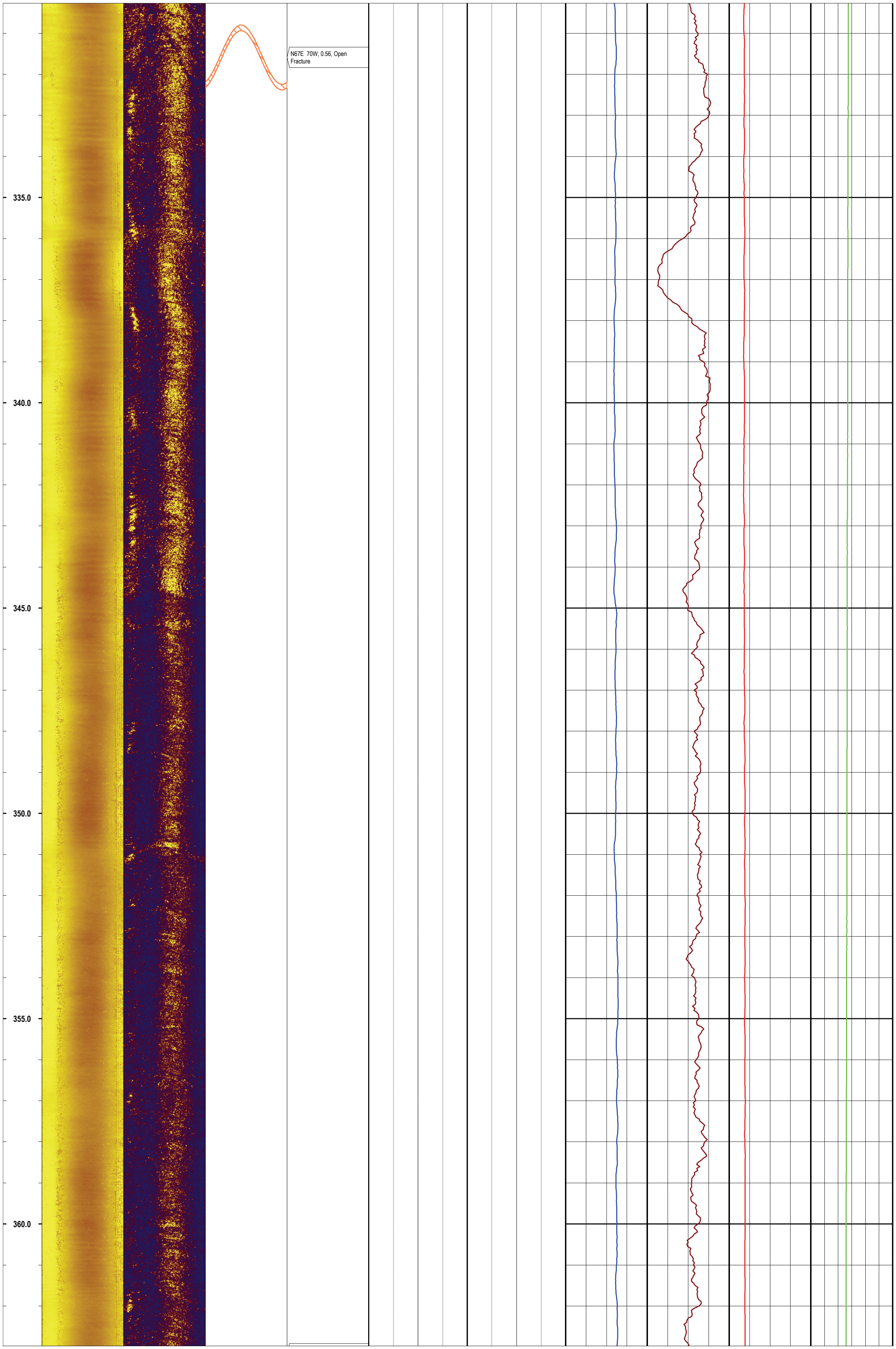

200.0
205.0
210.0
215.0
N52E 44W, 0, Sealed Fracture
220.0
S87E 34E, 0, Open Fracture
225.0
230.0
0.000
0.000



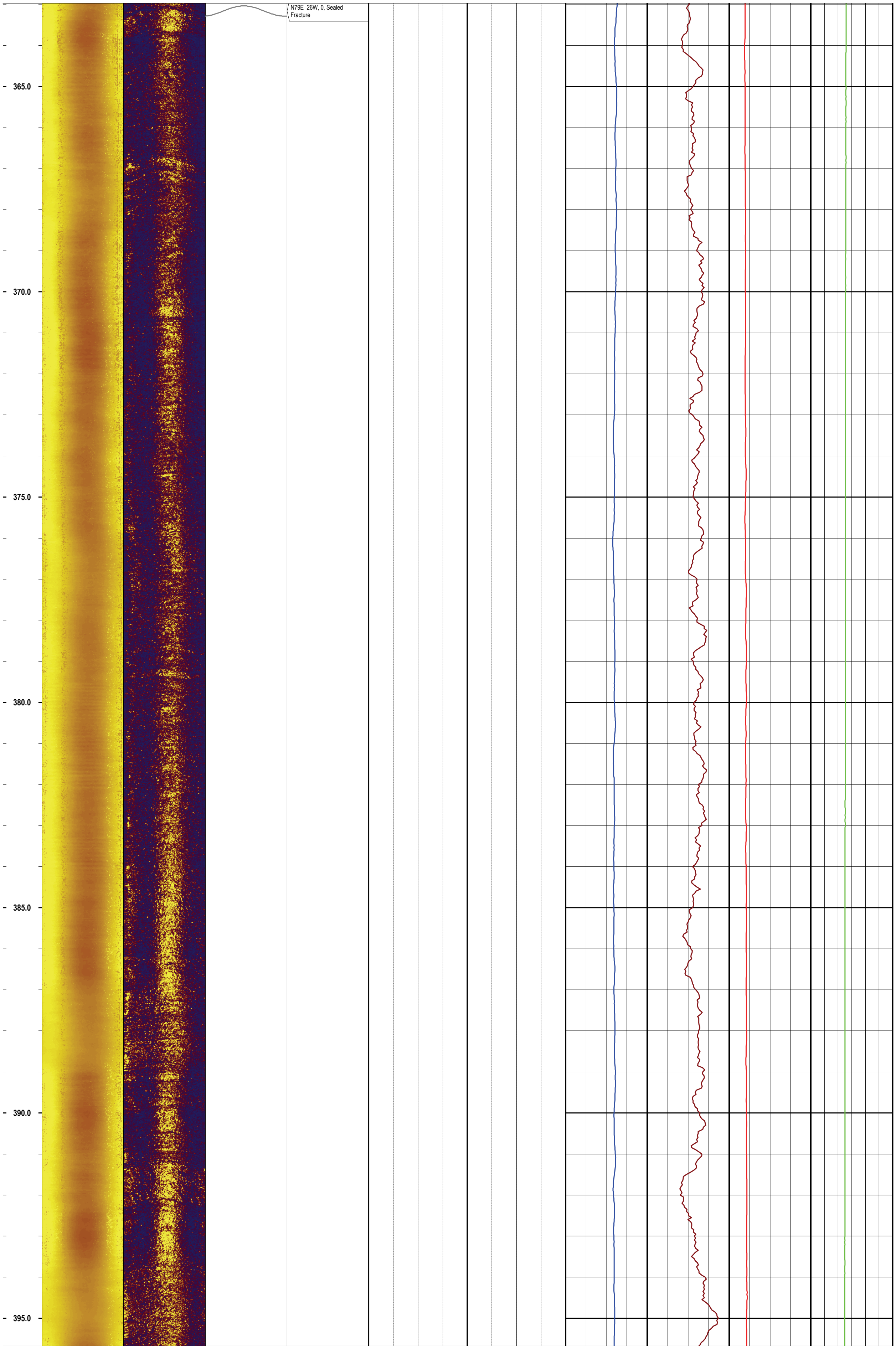
N76E 50W, 1.07, Open Fracture
0.000
0.000
235.0
240.0
N80E 46W, 0, Sealed Fracture
245.0
S90E 38E, 0, Sealed Fracture
N75E 38W, 0, Open Fracture
250.0
255.0
S82E 15E, 0, Open Fracture
260.0

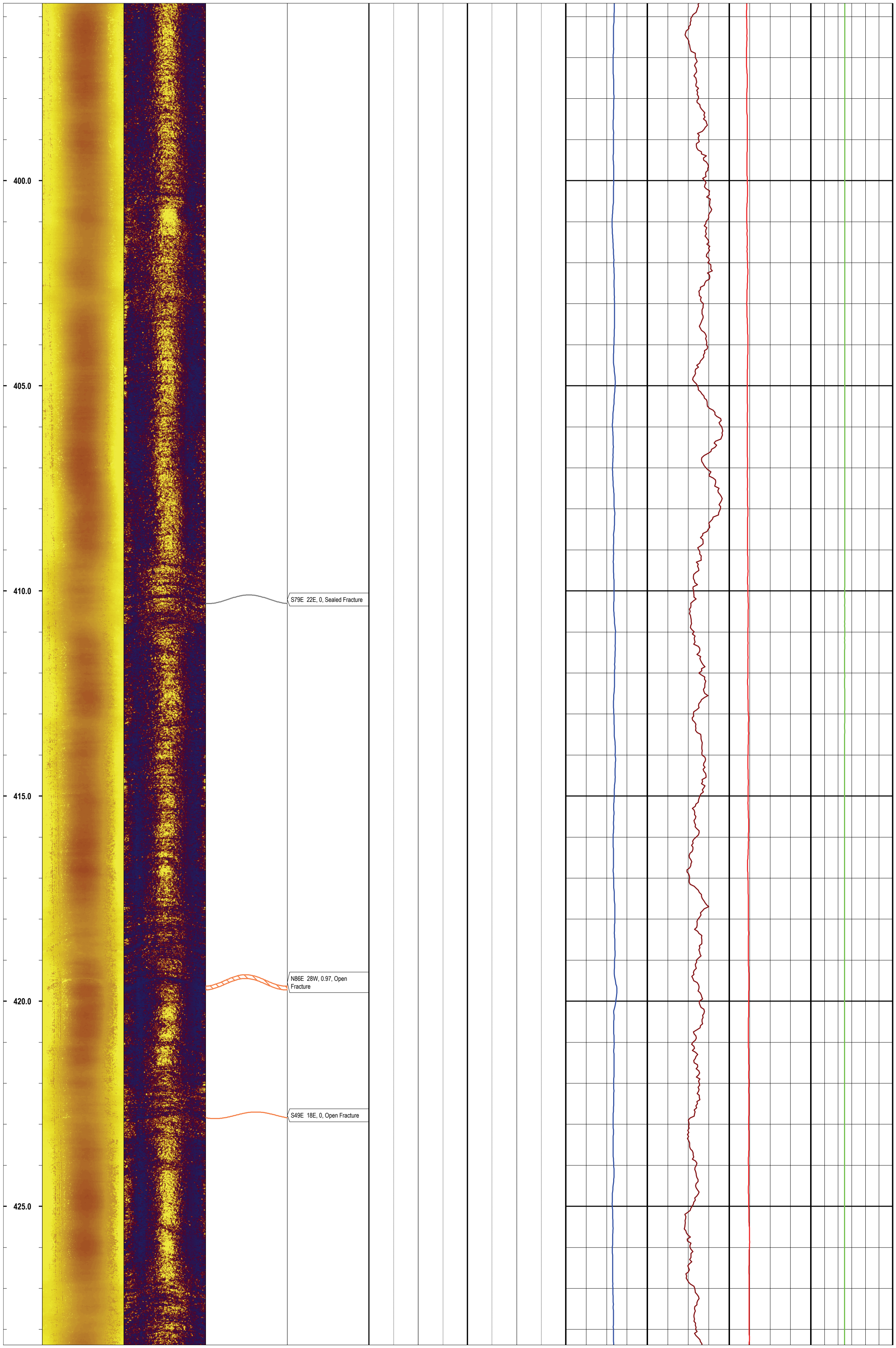

265.0
270.0
275.0
280.0
285.0
290.0
295.0
N66E 41W, 0, Open Fracture
N64E 78W, 1.52, Open Fracture
S43E 40E, 0, Open Fracture
N59W 59W, 0, Open Fracture
0.000
0.000
0.000
0.000

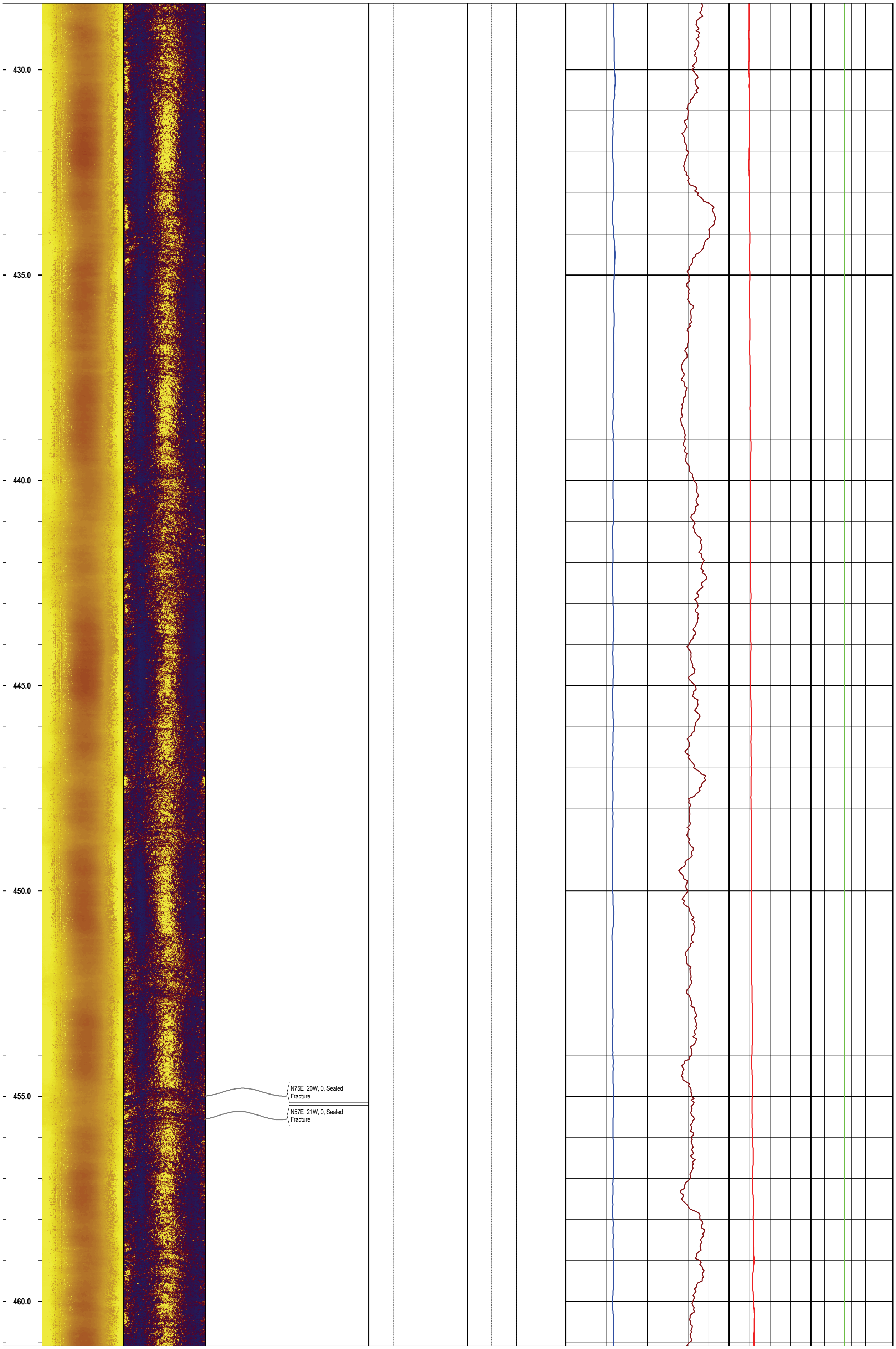

S84E 54E, 0, Open Fracture
N88E 41W, 0, Sealed Fracture
300.0
S84E 45E, 0, Sealed Fracture
N72E 50W, 0, Open Fracture
305.0
310.0
315.0
320.0
N73W 48W, 1.42, Open Fracture
325.0
N70E 38W, 0, Sealed Fracture
S82E 21E, 0, Sealed Fracture
330.0



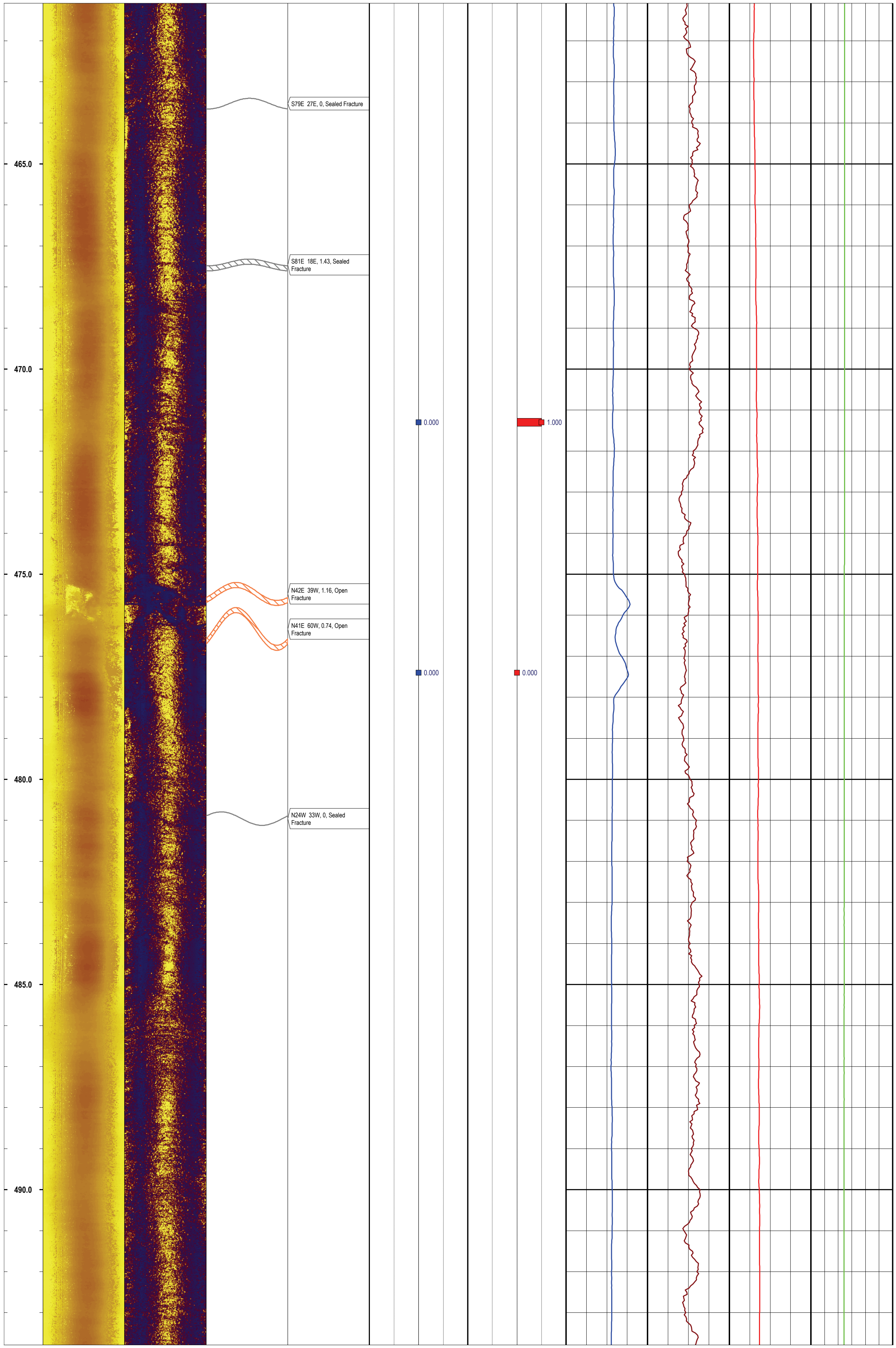
335.0
340.0
345.0
350.0
355.0
360.0
N67E 70W, 0.56, Open Fracture

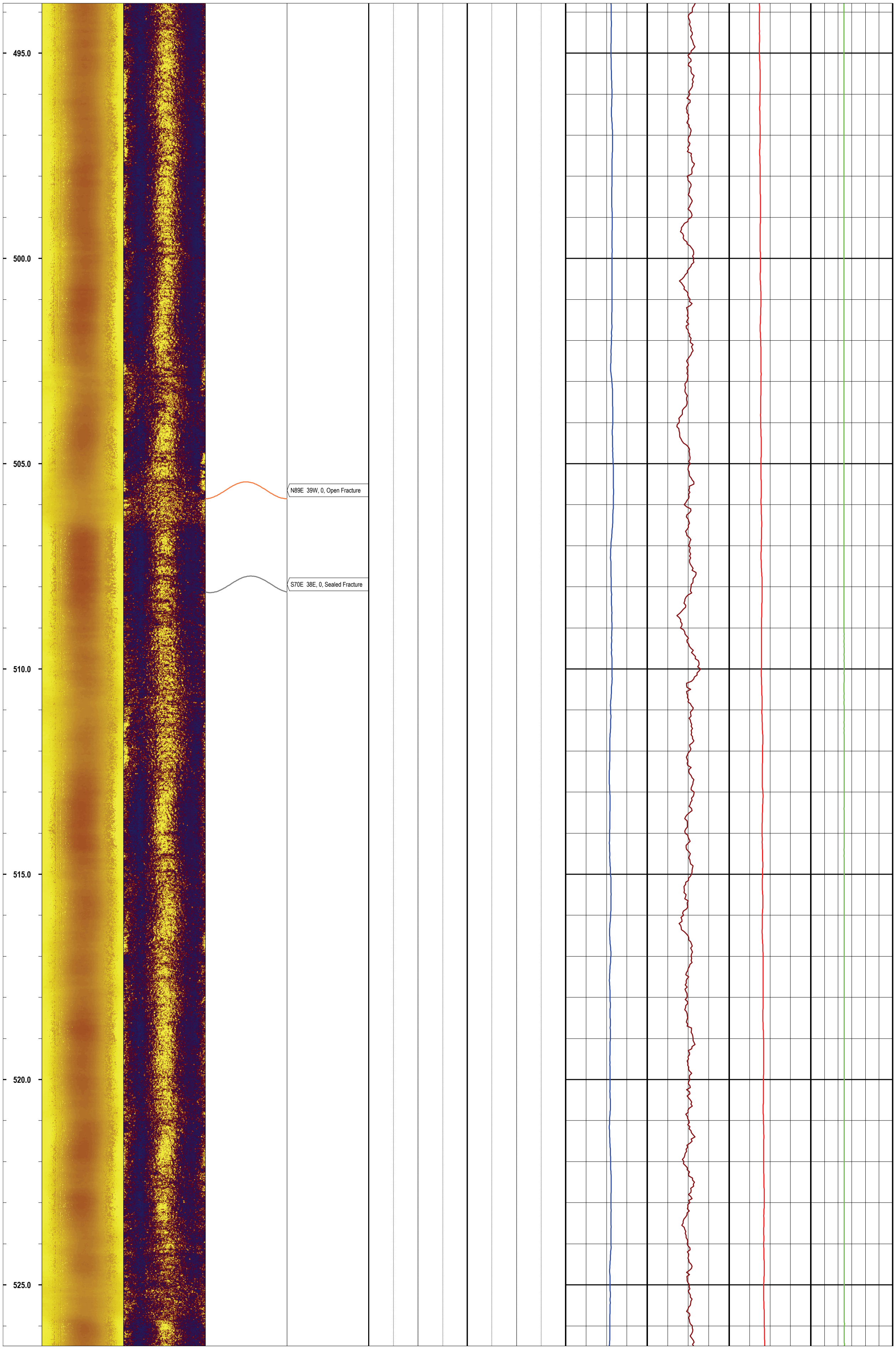

N79E 26W, 0, Sealed Fracture
365.0
370.0
375.0
380.0
385.0
390.0
395.0

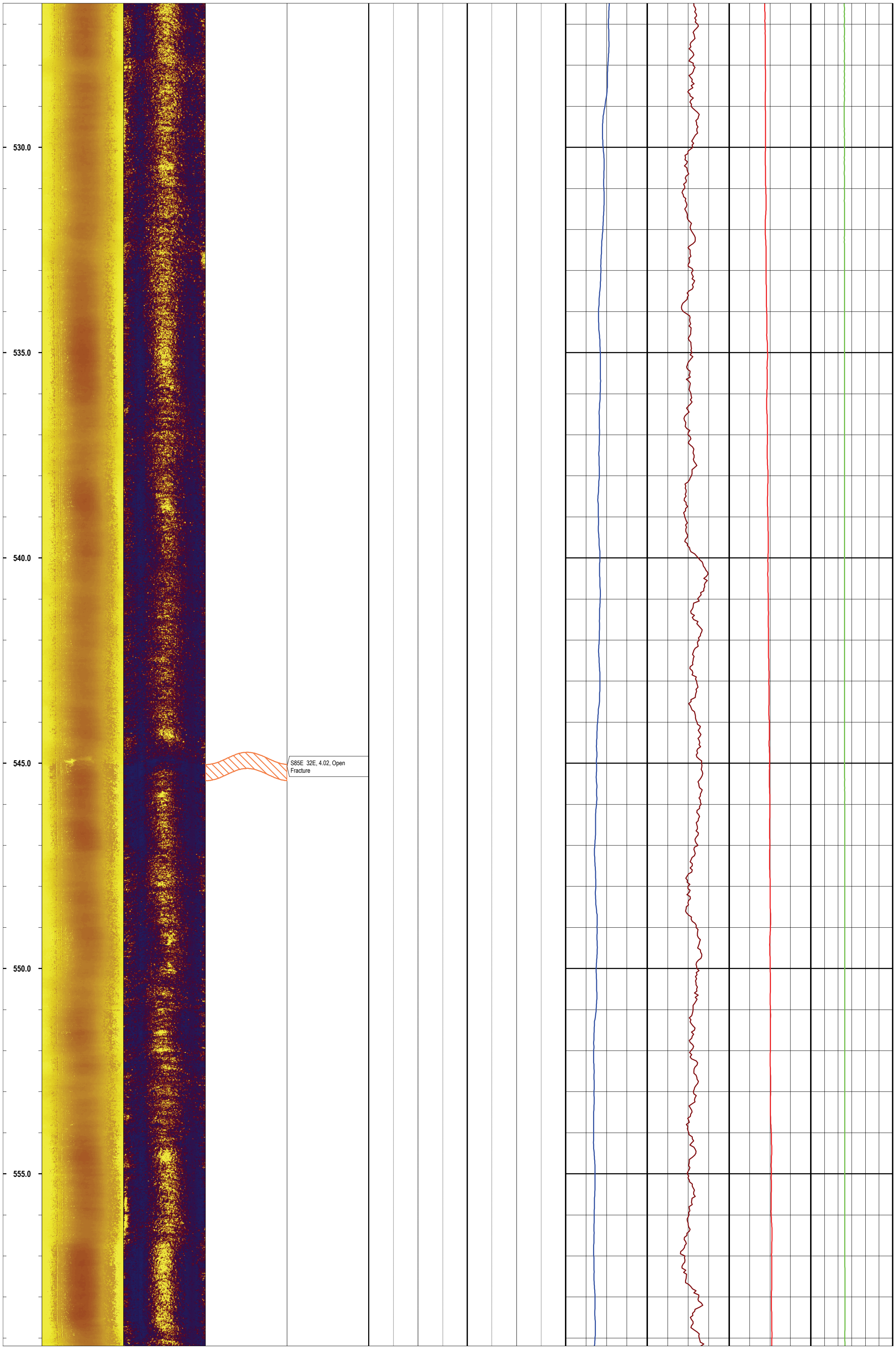

400.0
405.0
410.0
S79E 22E, 0, Sealed Fracture
415.0
N86E 28W, 0.97, Open Fracture
420.0
S49E 18E, 0, Open Fracture
425.0



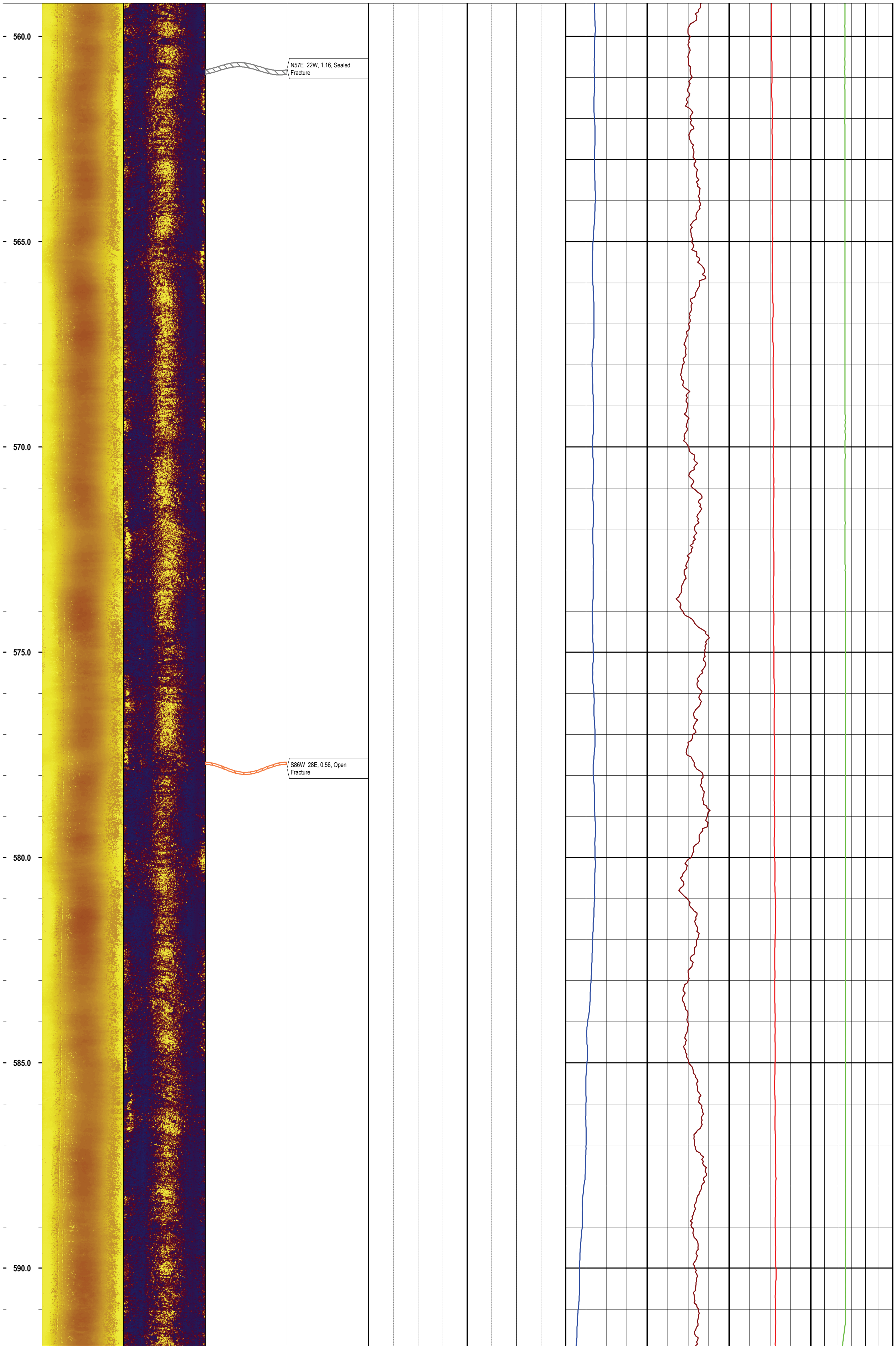
430.0
435.0
440.0
445.0
450.0
455.0
460.0
N75E 20W, 0, Sealed Fracture
N57E 21W, 0, Sealed Fracture

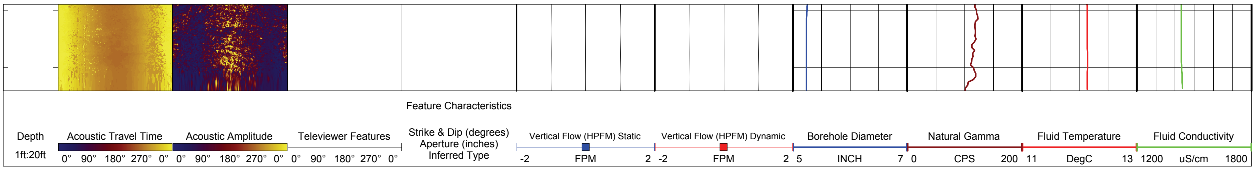

465.0
470.0
475.0
480.0
485.0
490.0
S79E 27E, 0, Sealed Fracture
S81E 18E, 1.43, Sealed Fracture
N42E 39W, 1.16, Open Fracture
N41E 60W, 0.74, Open Fracture
N24W 33W, 0, Sealed Fracture
0.000
1.000
0.000
0.000


495.0
500.0
505.0
N89E 39W, 0, Open Fracture
S70E 38E, 0, Sealed Fracture
510.0
515.0
520.0
525.0



530.0
535.0
540.0
545.0
550.0
555.0
S85E 32E, 4.02, Open Fracture


560.0
565.0
570.0
575.0
580.0
585.0
590.0
N57E 22W, 1.16, Sealed Fracture
S86W 28E, 0.56, Open Fracture


Feature Characteristics
Depth
1ft:20ft
Acoustic Travel Time
0° 90° 180° 270° 0°
Acoustic Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperture (inches)
Inferred Type
Vertical Flow (HPFM) Static
-2 FPM 2
Vertical Flow (HPFM) Dynamic
-2 FPM 2
Borehole Diameter
5 INCH 7
Natural Gamma
0 CPS 200
Fluid Temperature
11 DegC 13
Fluid Conductivity
1200 uS/cm 1800

Mid-Atlantic Geosciences

Title: *Televiewer, Geophysical, and Flowmeter Logs*

WELL ID *PW-3501*

Logging Date: *5.20.2010*

Logging Datum: *GS*

BOC: *28.8'* **DTW:** *38.1'* **TD:** *300'*

Site Name:

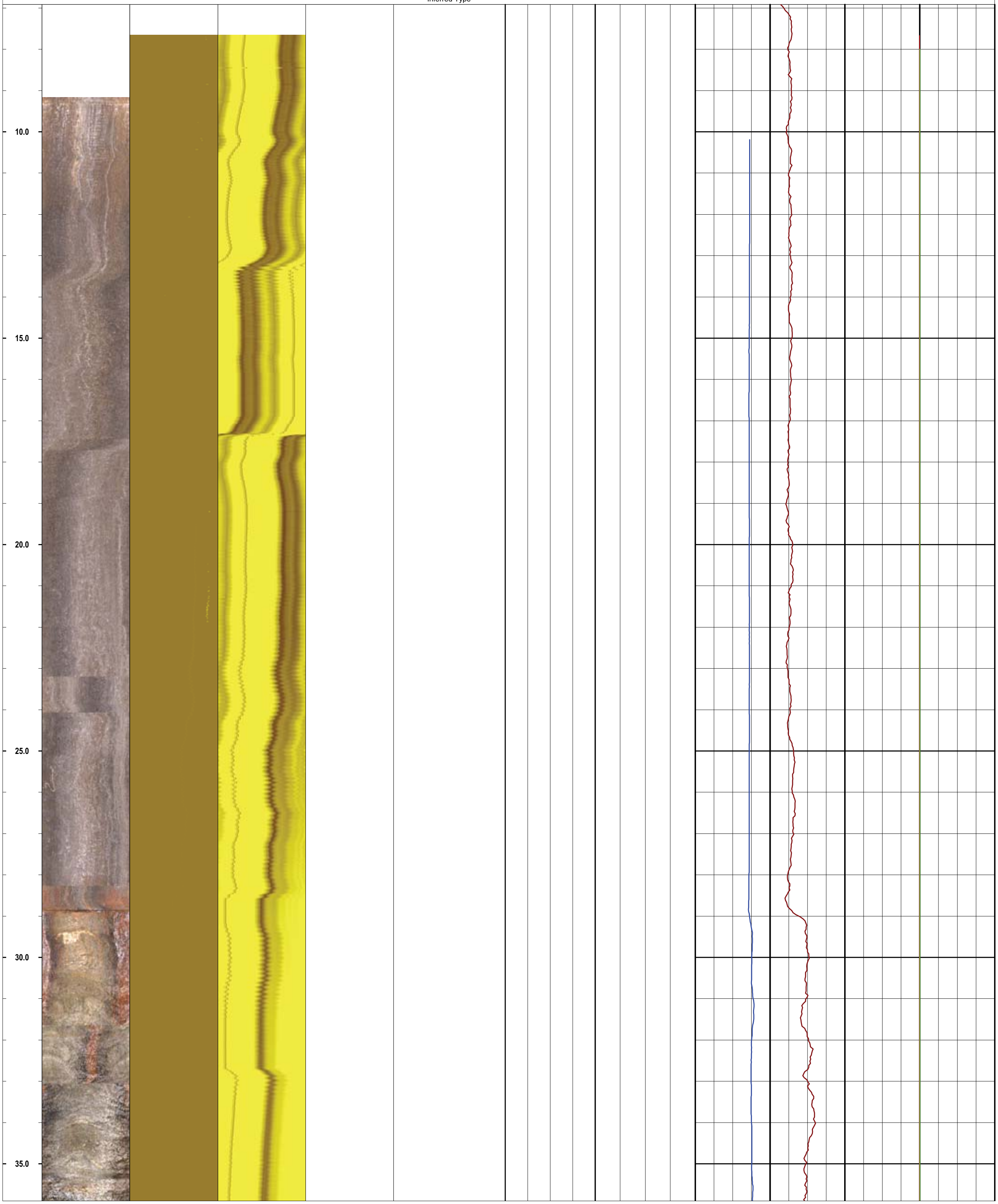
Location: *Phoenix, MD*

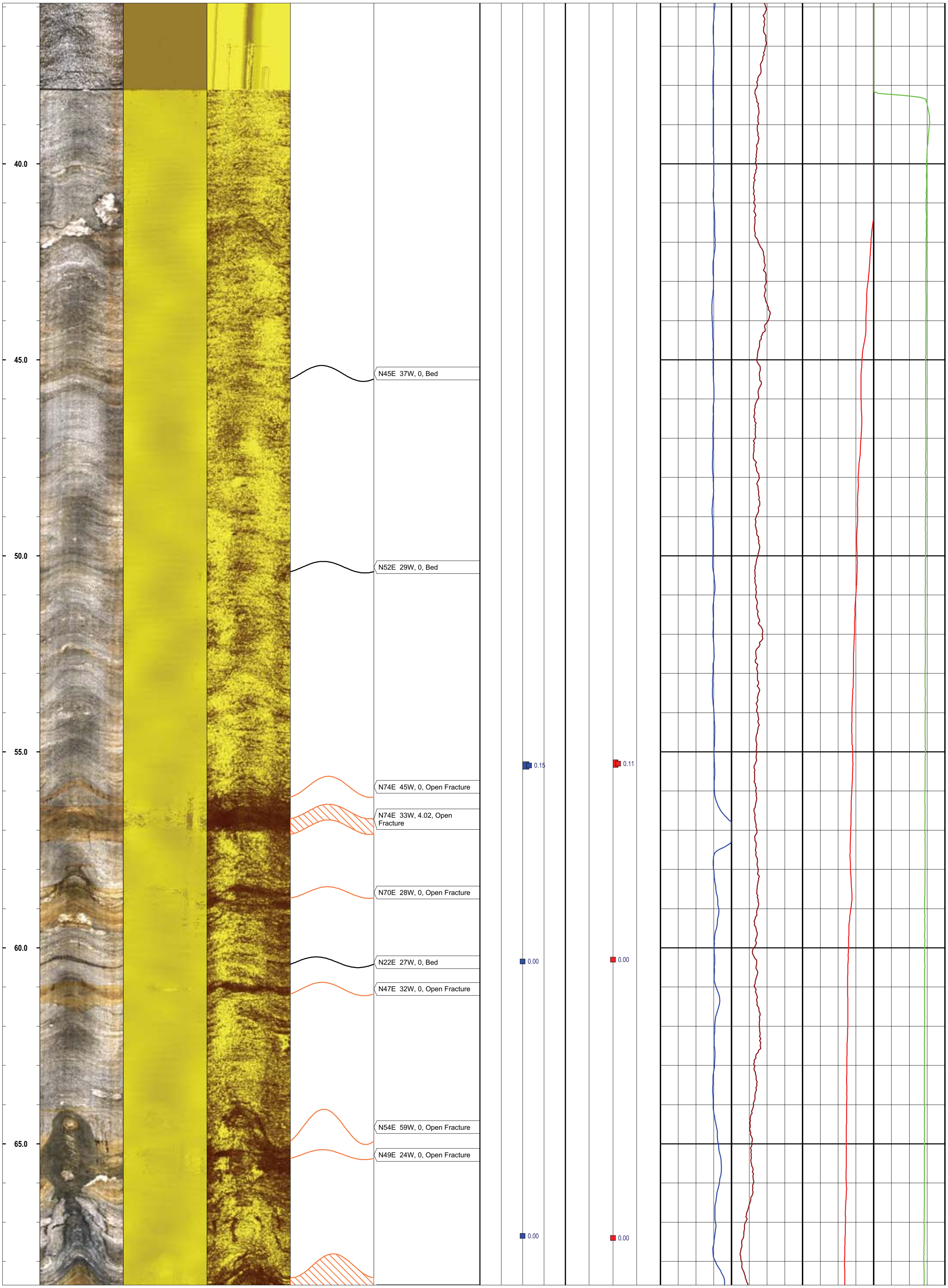
Client: *Kleinfelder*

Project No.: *051013*

Revision Date: *05-25-2010*

Depth 1ft:20ft	Optical Televiewer 0° 90° 180° 270° 0°	HRAT Travel Time 0° 90° 180° 270° 0°	HRAT Amplitude 0° 90° 180° 270° 0°	Televiewer Features 0° 90° 180° 270° 0°	Feature Characteristics Strike & Dip (degrees) Aperature (inches) Inferred Type	Vertical Flow (HPFM) Static -1 GPM (+ up) 1	Vertical Flow (HPFM) Dynamic -1 GPM (+ up) 1	Borehole Diameter 5 INCH 7	Natural Gamma 0 API 200	Fluid Temperature 12 DegC 14	Fluid Conductivity 400 uS/cm 500

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65.0
N45E 37W, 0, Bed
N52E 29W, 0, Bed
N74E 45W, 0, Open Fracture
N74E 33W, 4.02, Open Fracture
N70E 28W, 0, Open Fracture
N22E 27W, 0, Bed
N47E 32W, 0, Open Fracture
N54E 59W, 0, Open Fracture
N49E 24W, 0, Open Fracture
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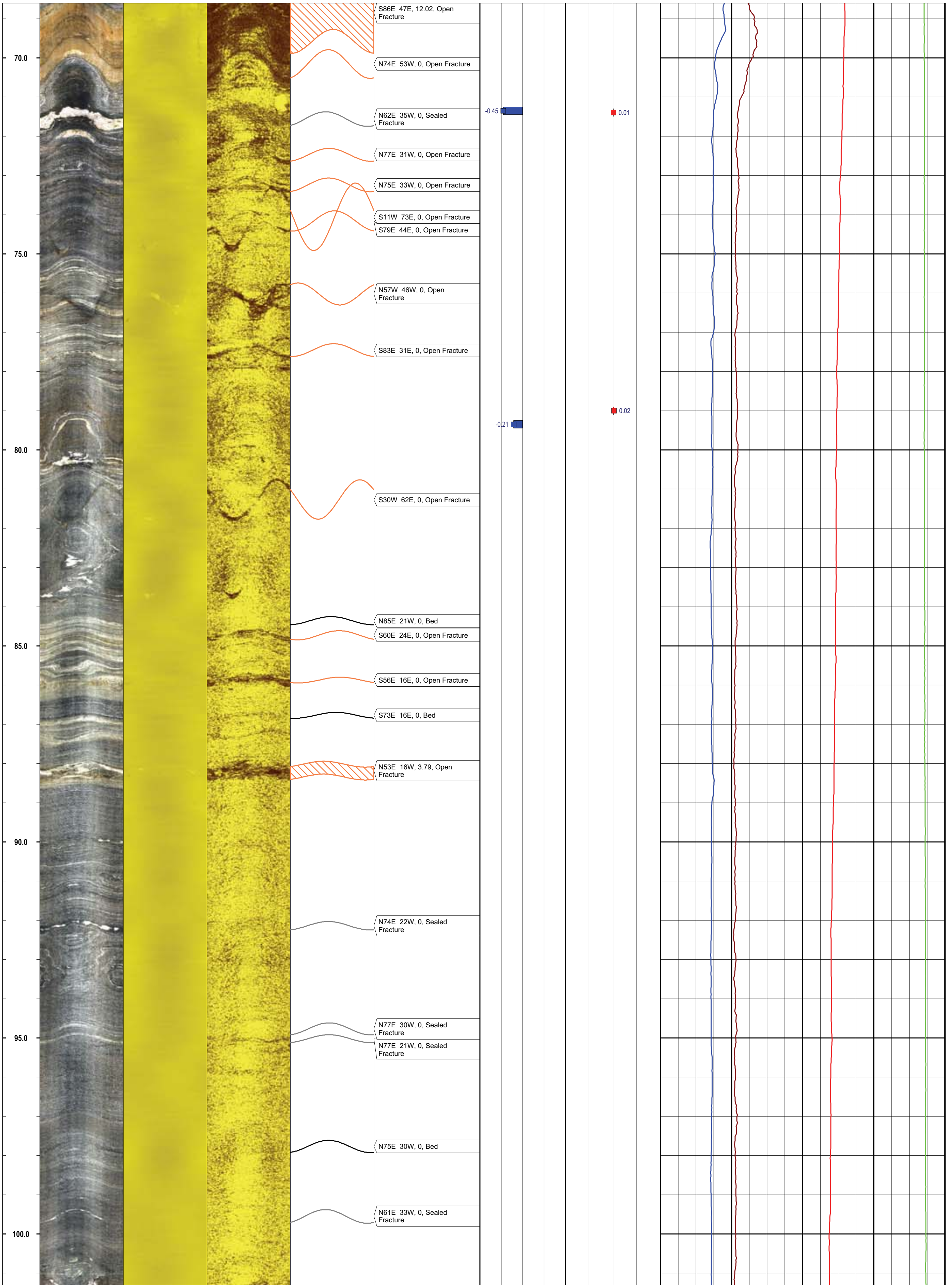
0.11
0.00
0.00
0.00
0.00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90.0
95.0
100.0
S86E 47E, 12.02, Open Fracture
N74E 53W, 0, Open Fracture
N62E 35W, 0, Sealed Fracture
N77E 31W, 0, Open Fracture
N75E 33W, 0, Open Fracture
S11W 73E, 0, Open Fracture
S79E 44E, 0, Open Fracture
N57W 46W, 0, Open Fracture
S83E 31E, 0, Open Fracture
S30W 62E, 0, Open Fracture
N85E 21W, 0, Bed
S60E 24E, 0, Open Fracture
S56E 16E, 0, Open Fracture
S73E 16E, 0, Bed
N53E 16W, 3.79, Open Fracture
N74E 22W, 0, Sealed Fracture
N77E 30W, 0, Sealed Fracture
N77E 21W, 0, Sealed Fracture
N75E 30W, 0, Bed
N61E 33W, 0, Sealed Fracture
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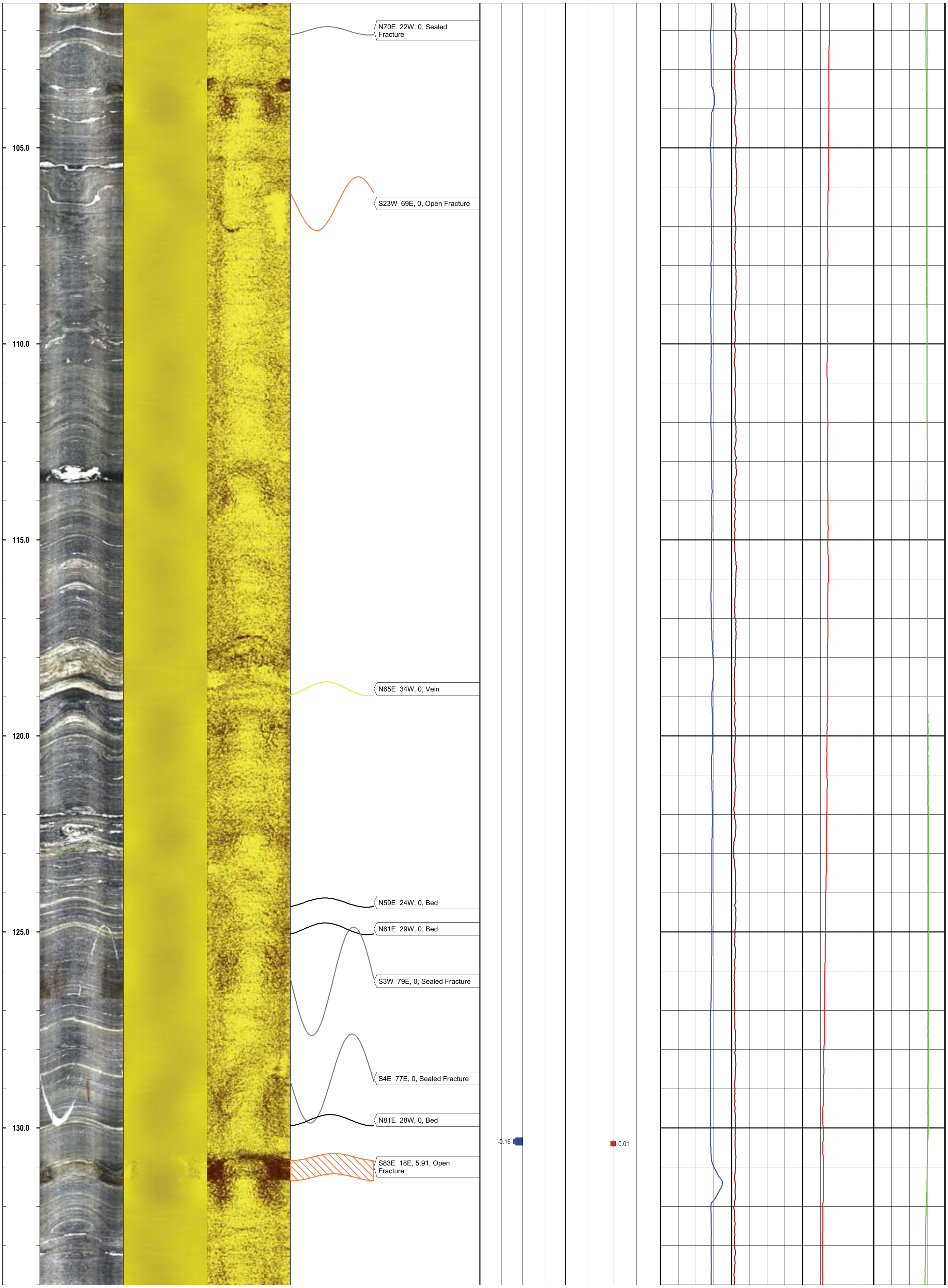
0.01
-0.21
0.02



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S23W 69E, 0, Open Fracture
N65E 34W, 0, Vein
N59E 24W, 0, Bed
N61E 29W, 0, Bed
S3W 79E, 0, Sealed Fracture
S4E 77E, 0, Sealed Fracture
N81E 28W, 0, Bed
S83E 18E, 5.91, Open Fracture
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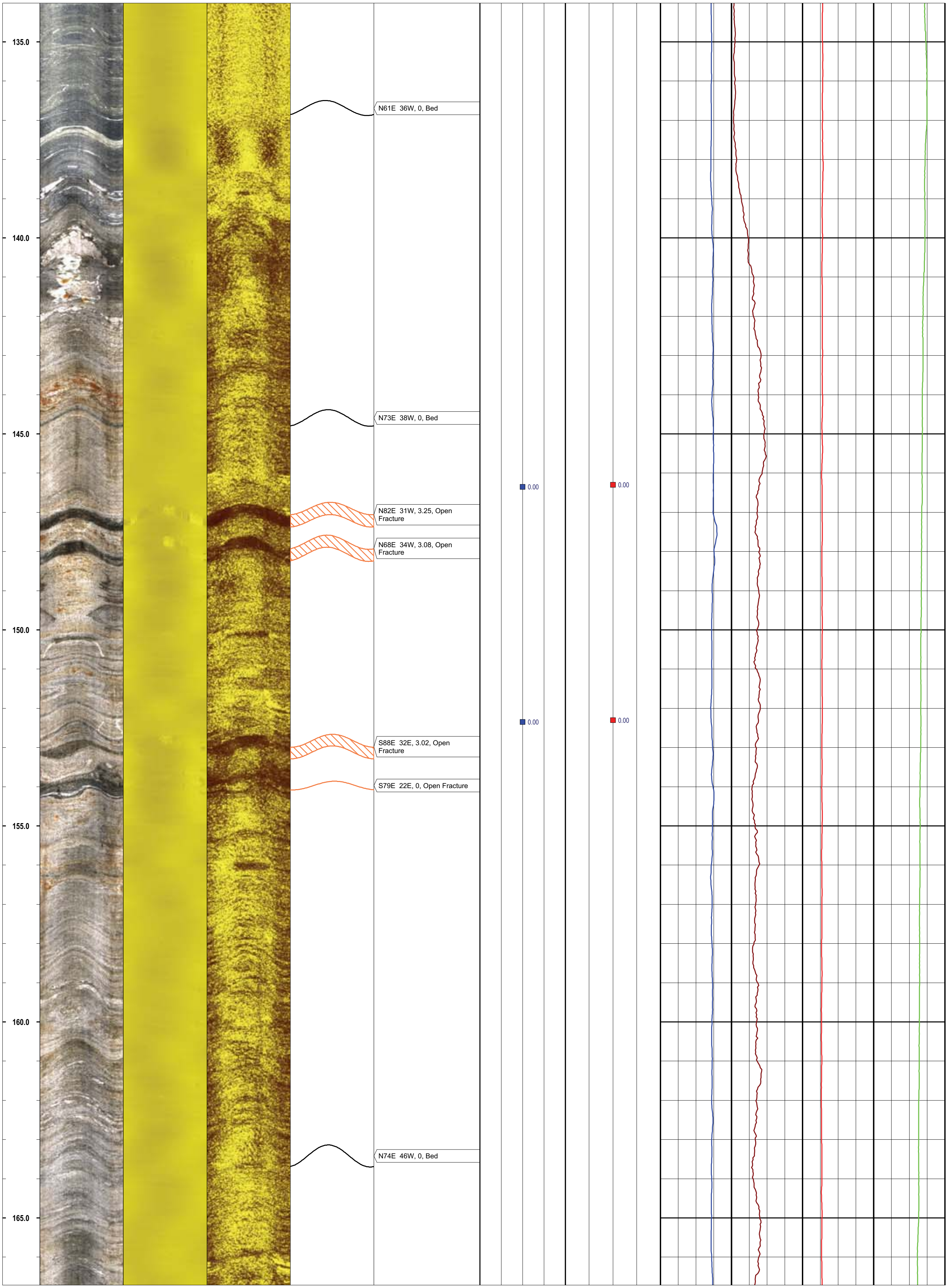
0.01



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165.0
N61E 36W, 0, Bed
N73E 38W, 0, Bed
N82E 31W, 3.25, Open Fracture
N68E 34W, 3.08, Open Fracture
S88E 32E, 3.02, Open Fracture
S79E 22E, 0, Open Fracture
N74E 46W, 0, Bed
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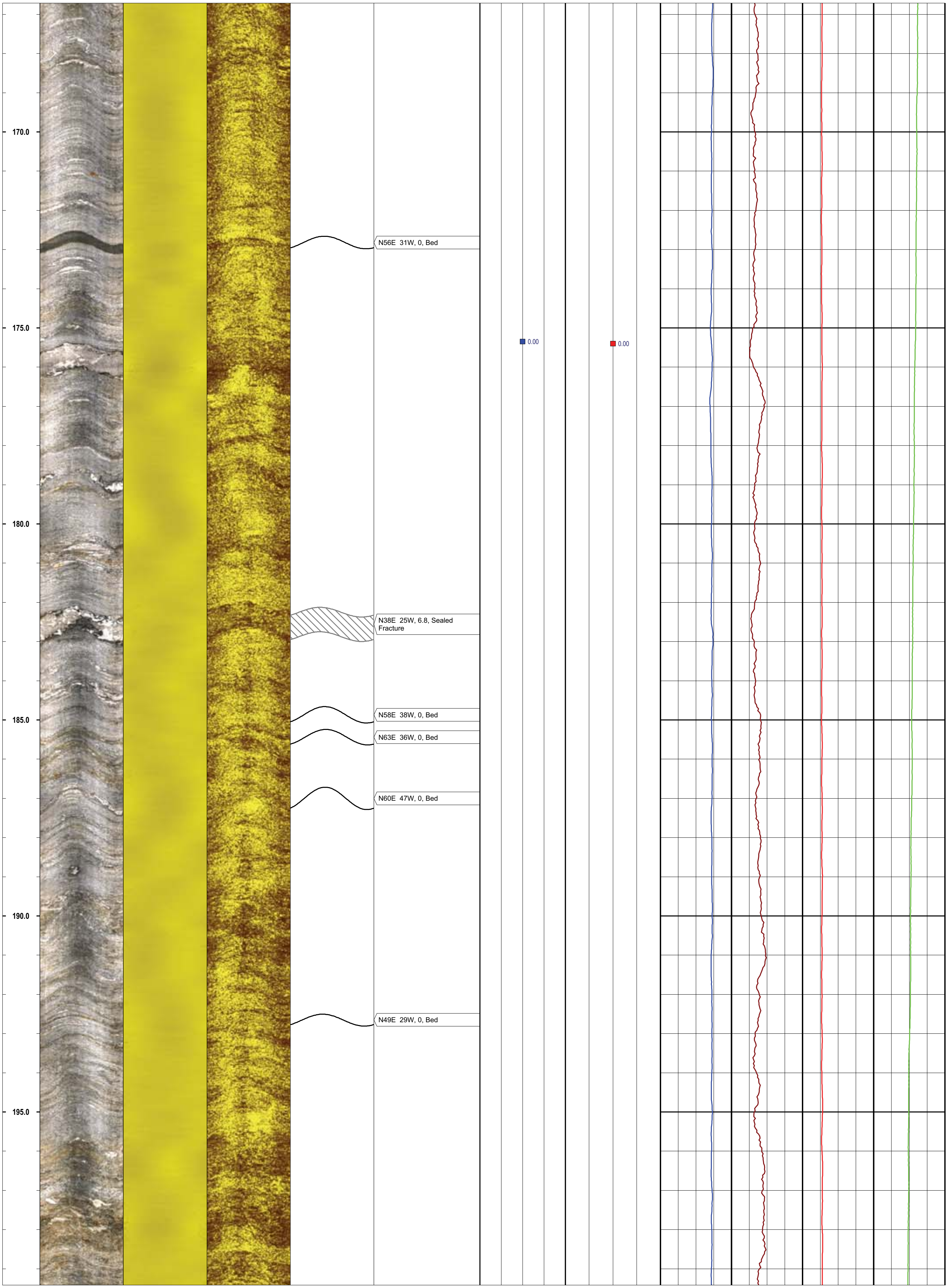
0.00
0.00
0.00



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N56E 31W, 0, Bed
N38E 25W, 6.8, Sealed Fracture
N58E 38W, 0, Bed
N63E 36W, 0, Bed
N60E 47W, 0, Bed
N49E 29W, 0, Bed
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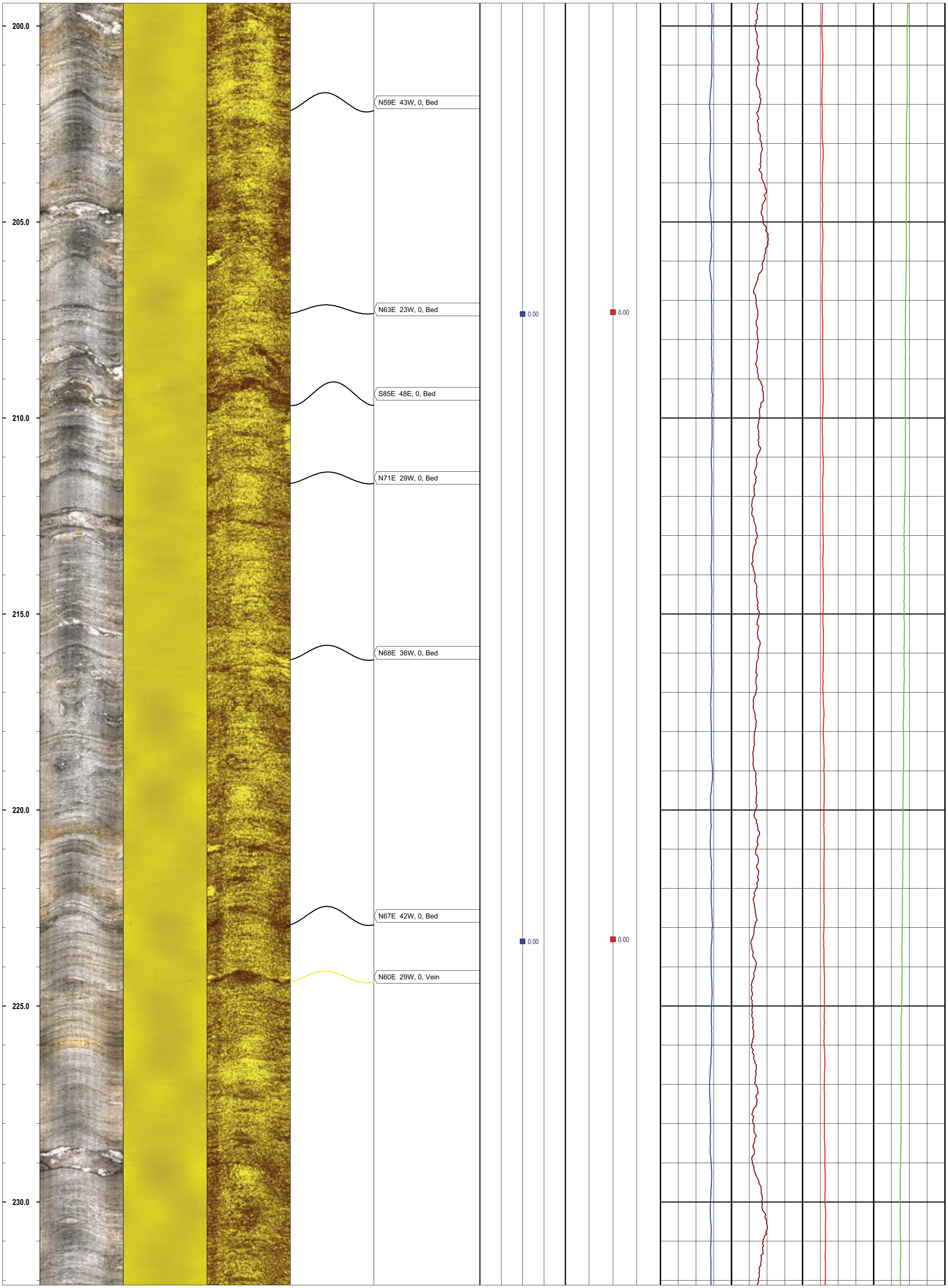
0.00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N63E 23W, 0, Bed
S85E 48E, 0, Bed
N71E 29W, 0, Bed
N68E 36W, 0, Bed
N67E 42W, 0, Bed
N60E 29W, 0, Vein
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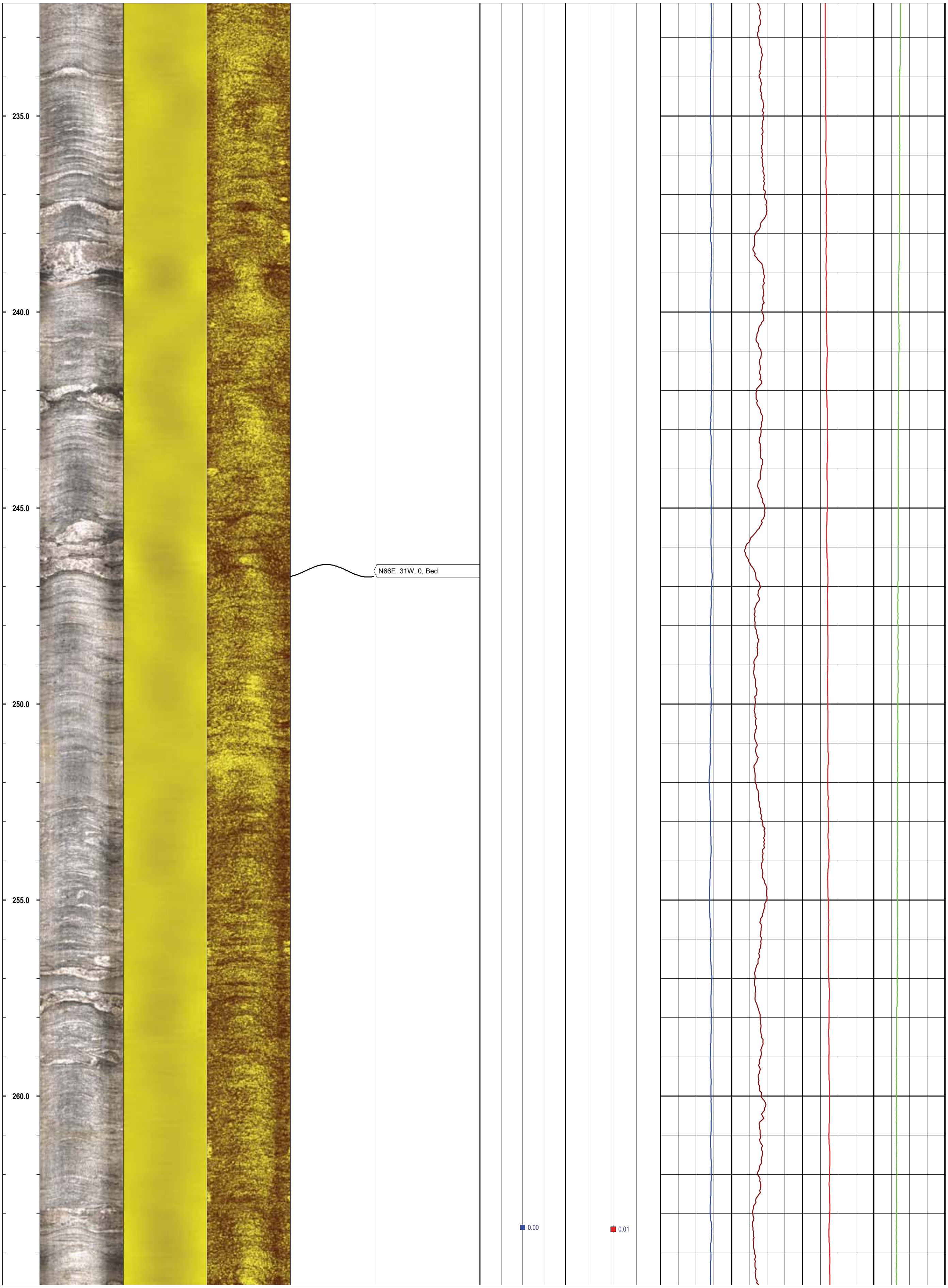
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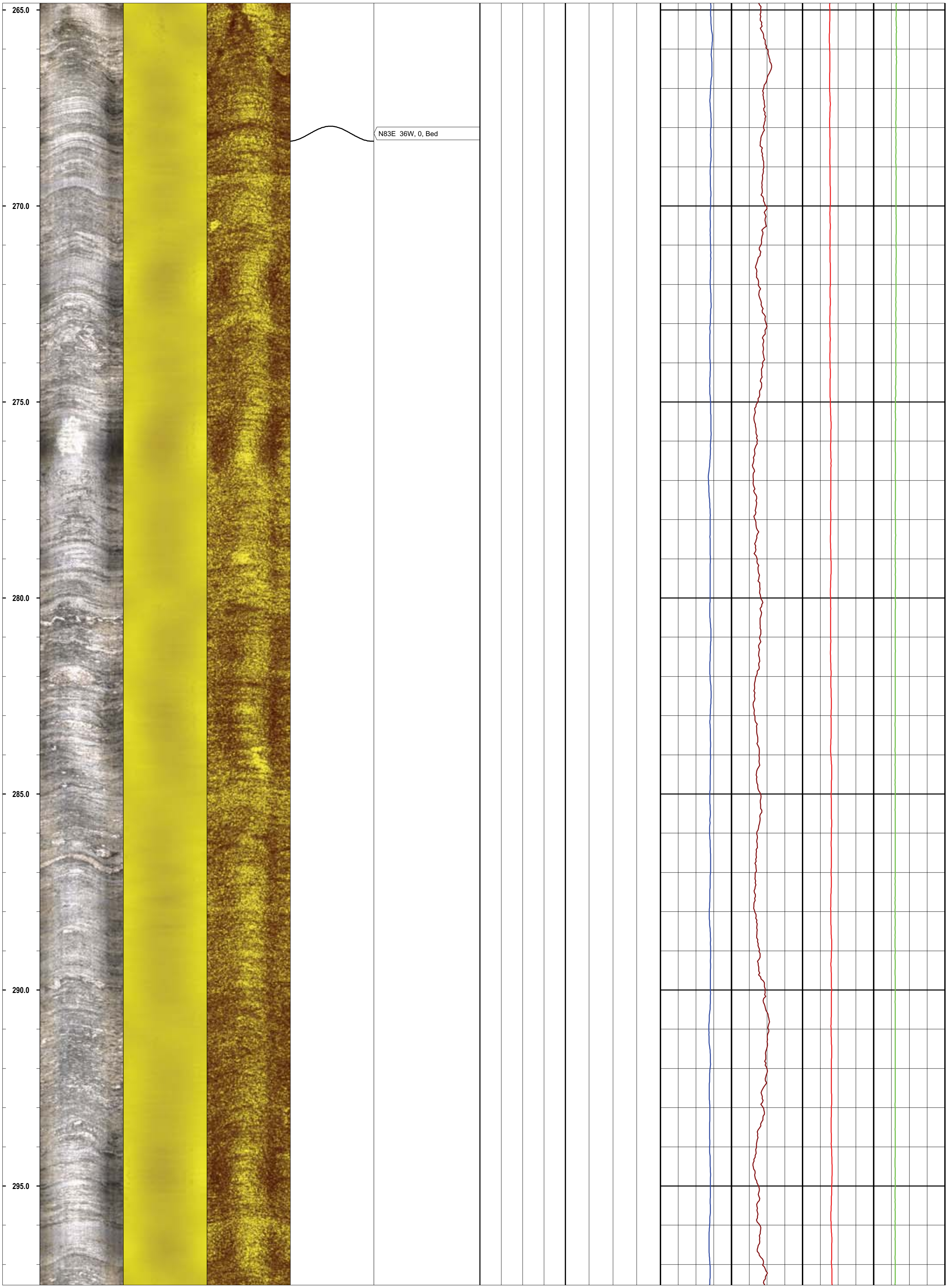
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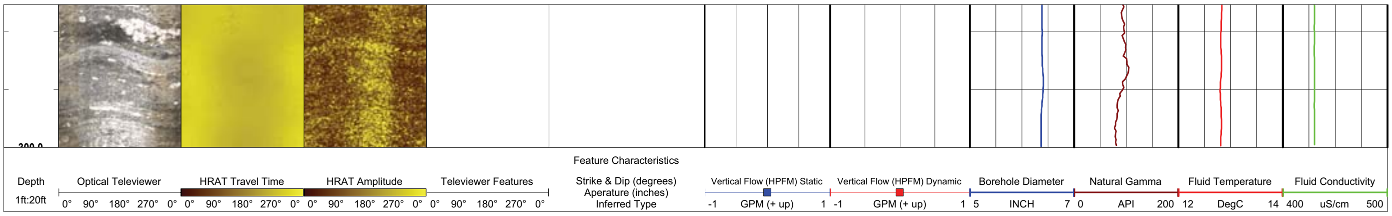
N83E 36W, 0, Bed


Feature Characteristics
Depth
1ft:20ft
Optical Televiewer
0° 90° 180° 270° 0°
HRAT Travel Time
0° 90° 180° 270° 0°
HRAT Amplitude
0° 90° 180° 270° 0°
Televiewer Features
0° 90° 180° 270° 0°
Strike & Dip (degrees)
Aperature (inches)
Inferred Type
Vertical Flow (HPFM) Static
-1 GPM (+ up) 1
Vertical Flow (HPFM) Dynamic
-1 GPM (+ up) 1
Borehole Diameter
5 INCH 7
Natural Gamma
0 API 200
Fluid Temperature
12 DegC 14
Fluid Conductivity
400 uS/cm 500

PW-14311

ARM Geophysics Division

High-Definition Subsurface Imaging

HydroLog

Well Name:	Hayes Well
API Well Number:	N/A
File Name:	hayes-hydro.wcl
Service Company:	ARM Geophysics Division
Client	GSC | Kleinfelder
City:	Cockeysville
County / Parish:	Baltimore
State / Province:	Maryland
Country:	USA
Recorded by:	M. Scott McQuown, P.G.
Witness:	

Elevations:

Kelly bushings:	N/A
Drilling floor:	N/A
Ground / sea floor:	N/A
Permanent datum is:	Ground level
Permanent datum elevation:	Unknown
Log is measured from:	Ground level
Height above log datum:	N/A
Drilling measured from:	N/A
Height above drilling datum:	N/A

Location Description:

Attorney Work Product
Privleged and Confidential Communication
Prepared at the Request of Counsel
In Anticipation of Potential Litigation

Notes:

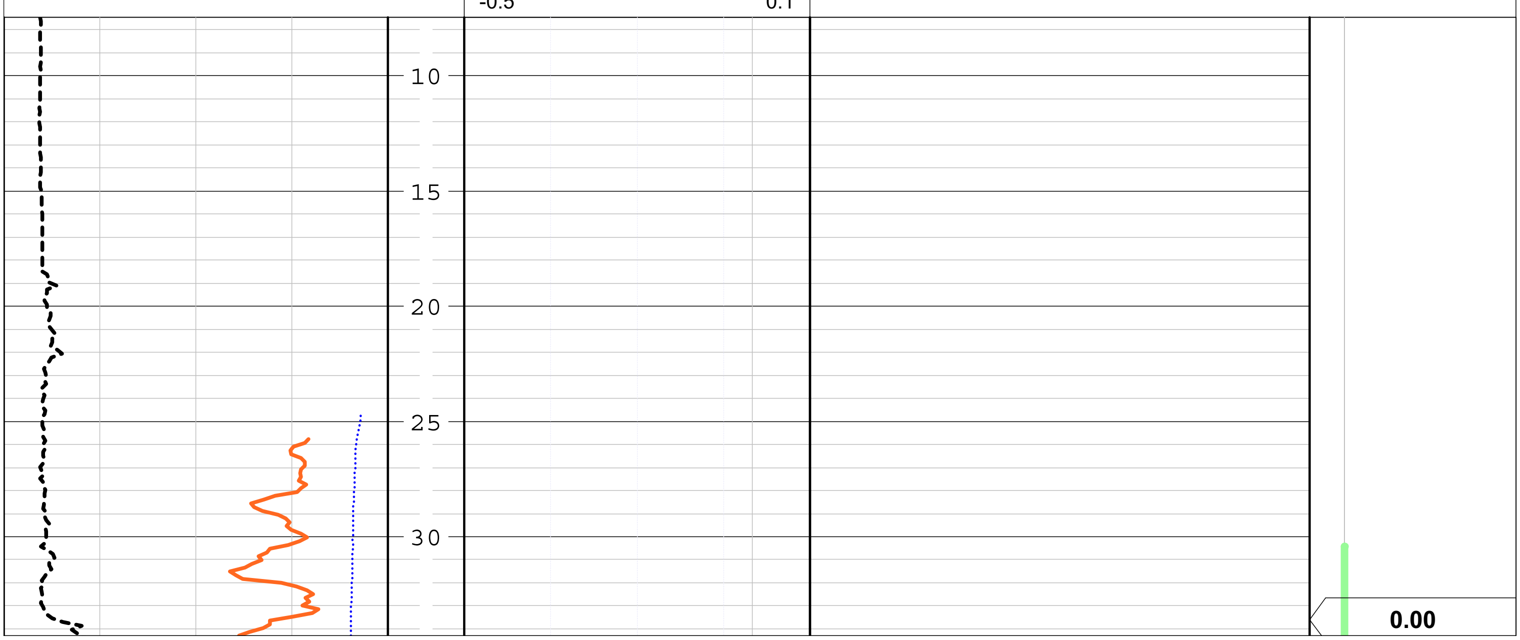
Gamma = Natural gamma
SP = Spontaneous potential
SPR = Single point resistance
CAL = Caliper
Fres = Fluid resistivity
Temp = Temperature
Flow = Vertical fluid flow from Heat Pulse Flowmeter

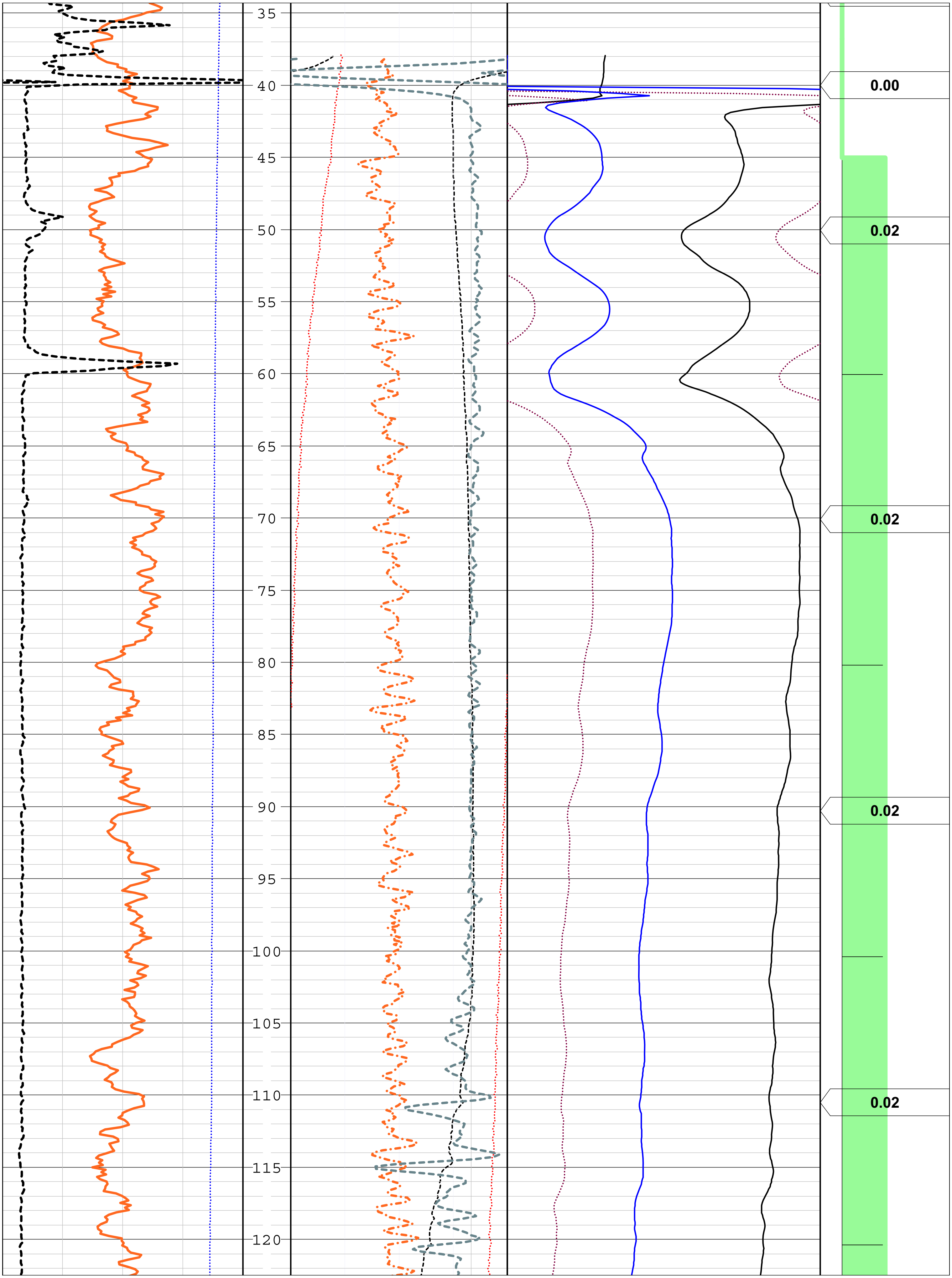
Log interval is from: 5 Log interval to: 292 Depth unit: Feet

Sample Interval: .0164 Scale ratio: 1 :

Acquisition dates from: (month/day/year) March 7, 2006 Acquisition dates to: (month/day/year) March 7, 2006 Mag Declination: N/A

Curve	Unit	Min	Max
Gamma	CPS	0	200
SP	mV	0	600
Caliper	Inch	6	10
Depth	1ft:100ft		
Fres	Ohm-m	9	15
Temp	DegC	15	18
DiffTemp		-0.1	0.1
DiffFres		-0.5	0.1
SPR	ohm	50	500
Short Norm Resistivity	Ohm-m	50	500
Long Norm Resistivity	Ohm-m	50	500
Flow (gal/min)	Down / Up		

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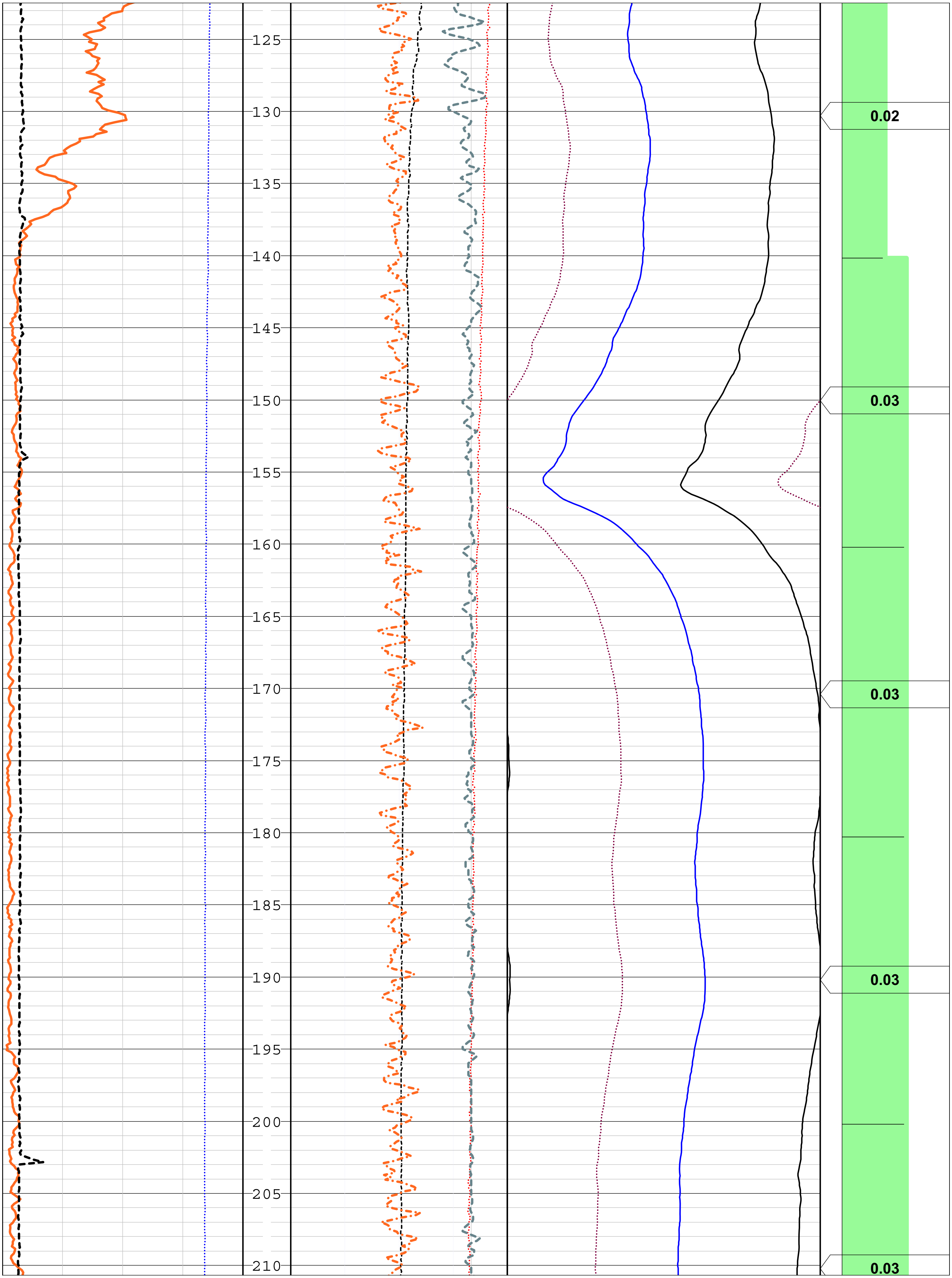
0.02
0.02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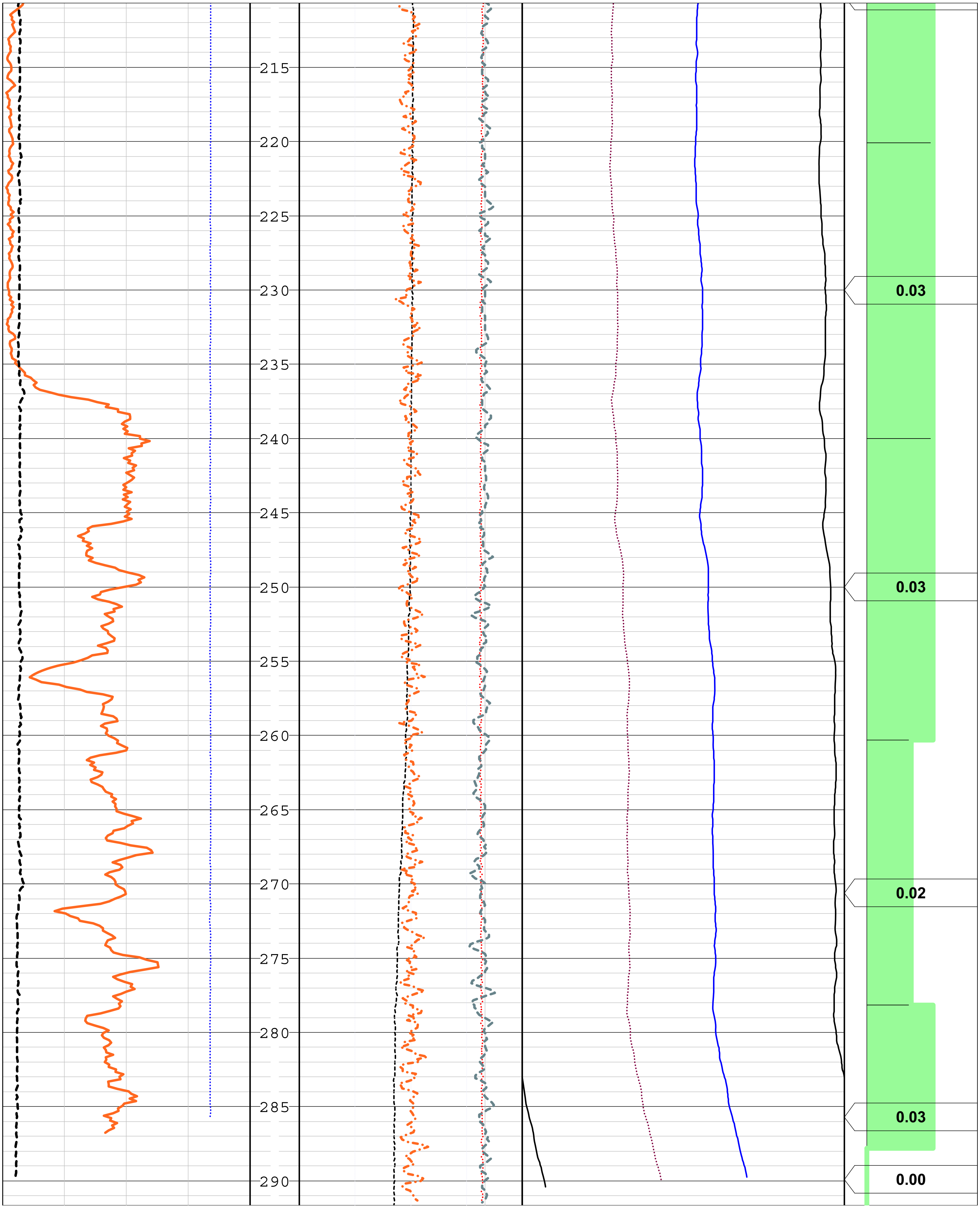
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0.00

ARM Geophysics Division
High-Definition Subsurface Imaging

Composite Televiewer Log

Log Name:	Hayes OPTV
API Well Number:	N/A
Well Name:	Hayes
Service Company:	ARM Geophysics Division
Client:	GSC | Kleinfelder
City:	Phoenix
County / Parish:	Baltimore
State / Province:	Maryland
Country:	USA
Recorded by:	M. Scott McQuown, P.G.
Witness:	

Elevations:

Kelly bushings:	N/A
Drilling floor:	N/A
Ground / sea floor:	N/A
Permanent datum is:	Ground level
Permanent datum elevation:	Unknown
Log is measured from:	Ground level
Height above log datum:	N/A
Drilling measured from:	N/A
Height above drilling datum:	N/A

Structural Legend:

Joint

Bedding / Foliation

Notes:

More detailed inspection of the OPTV images can be achieved by viewing the digital version of this log using WellCAD Reader software that is included on CD with the accompanying report.

Attorney Work Product
Privleged and Confidential Communication
Prepared at the Request of Counsel
In Anticipation of Potential Litigation

Log interval is from: 5 Log interval to: 291 Depth unit: feet

Sample Interval: 0.001 ft Scale ratio: 1 :

Acquisition dates from: (month/day/year) March 7, 2006 Acquisition dates to: (month/day/year) March 7, 2006 Mag Declination: 11.13 Deg W

Optical Image	Depth	Acoustic Amplitude	Dip & Direction
0° 90° 180° 270° 0°	1ft:20ft	0° 90° 180° 270° 0°	0 90

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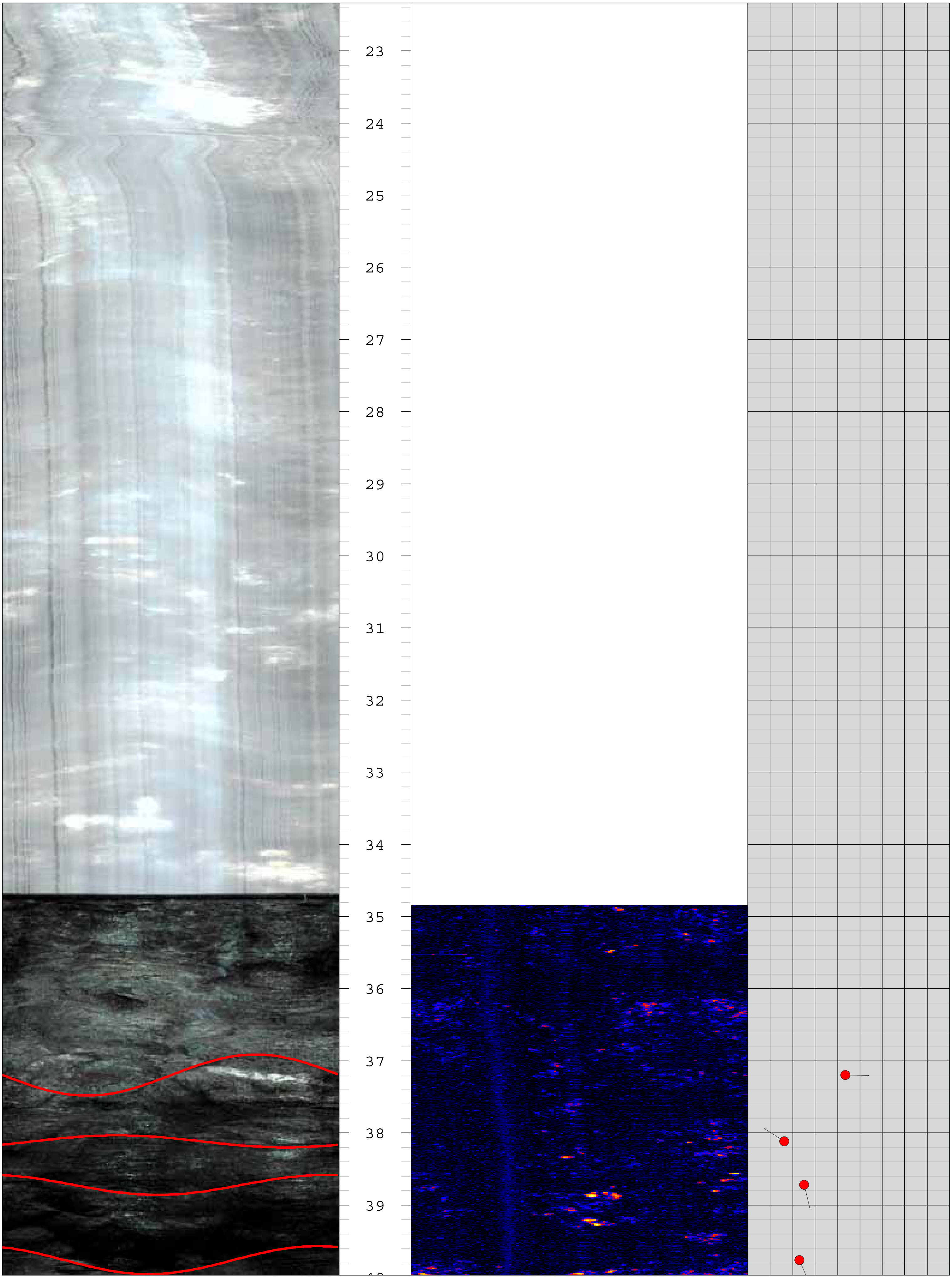
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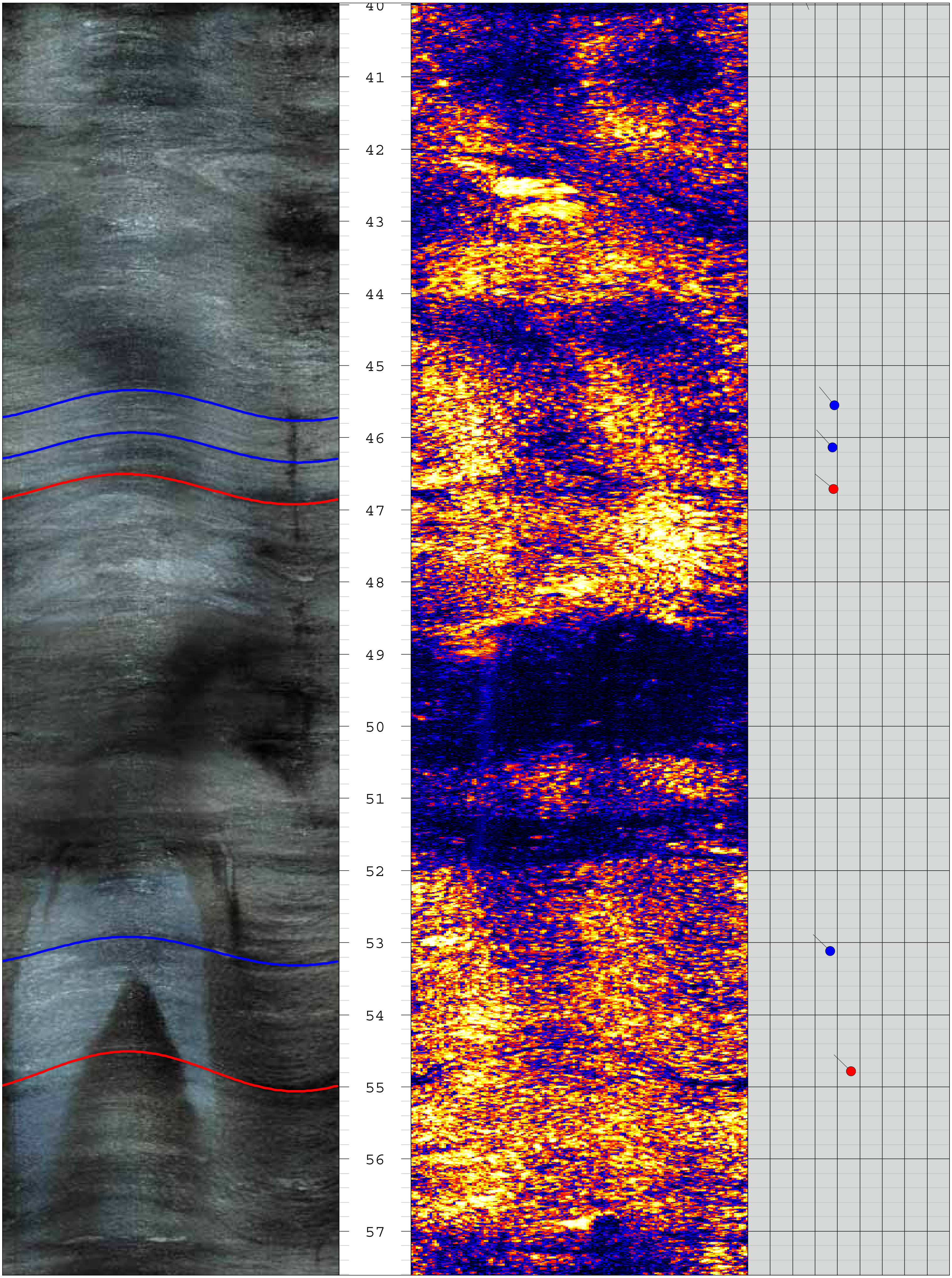
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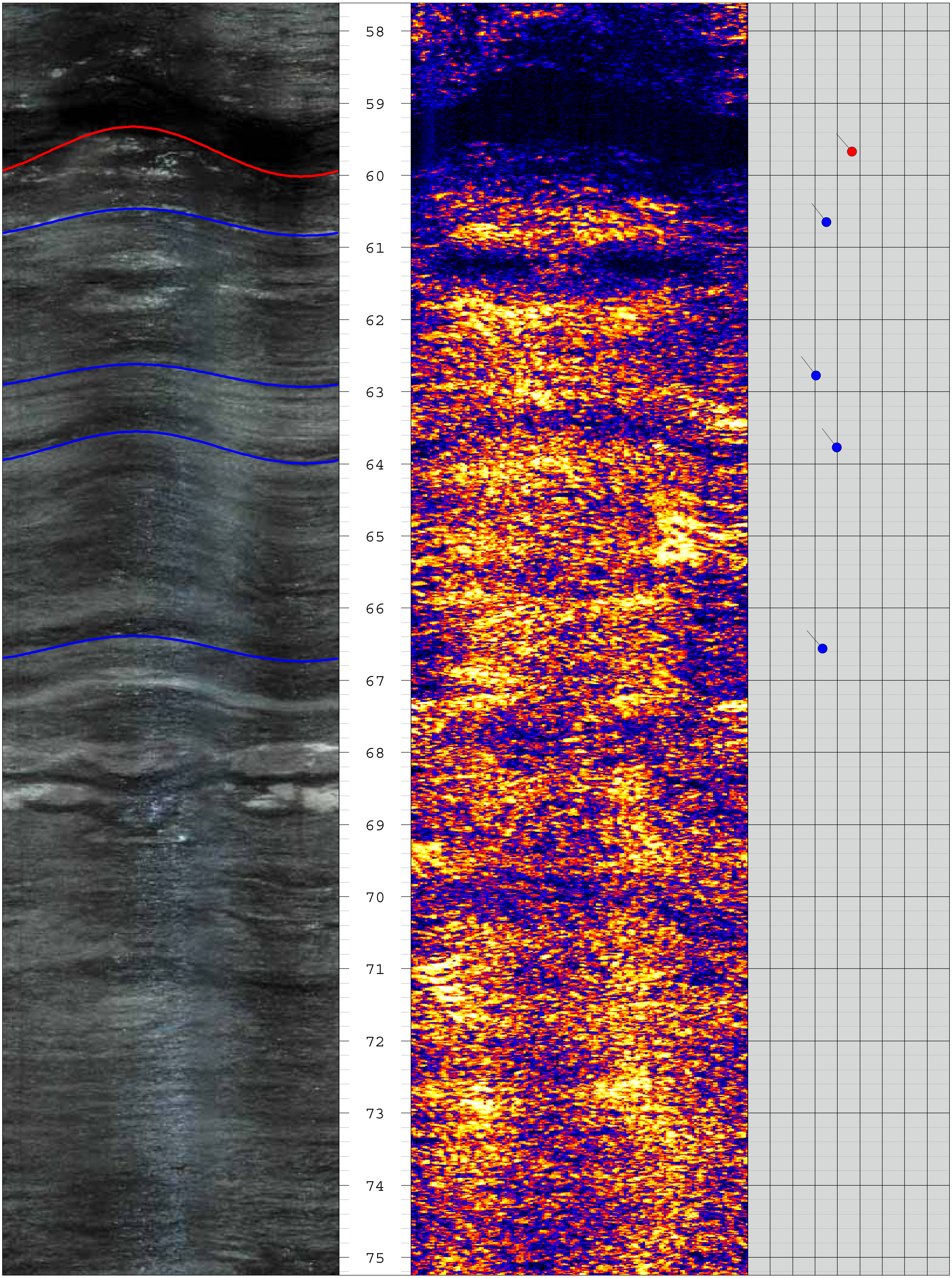
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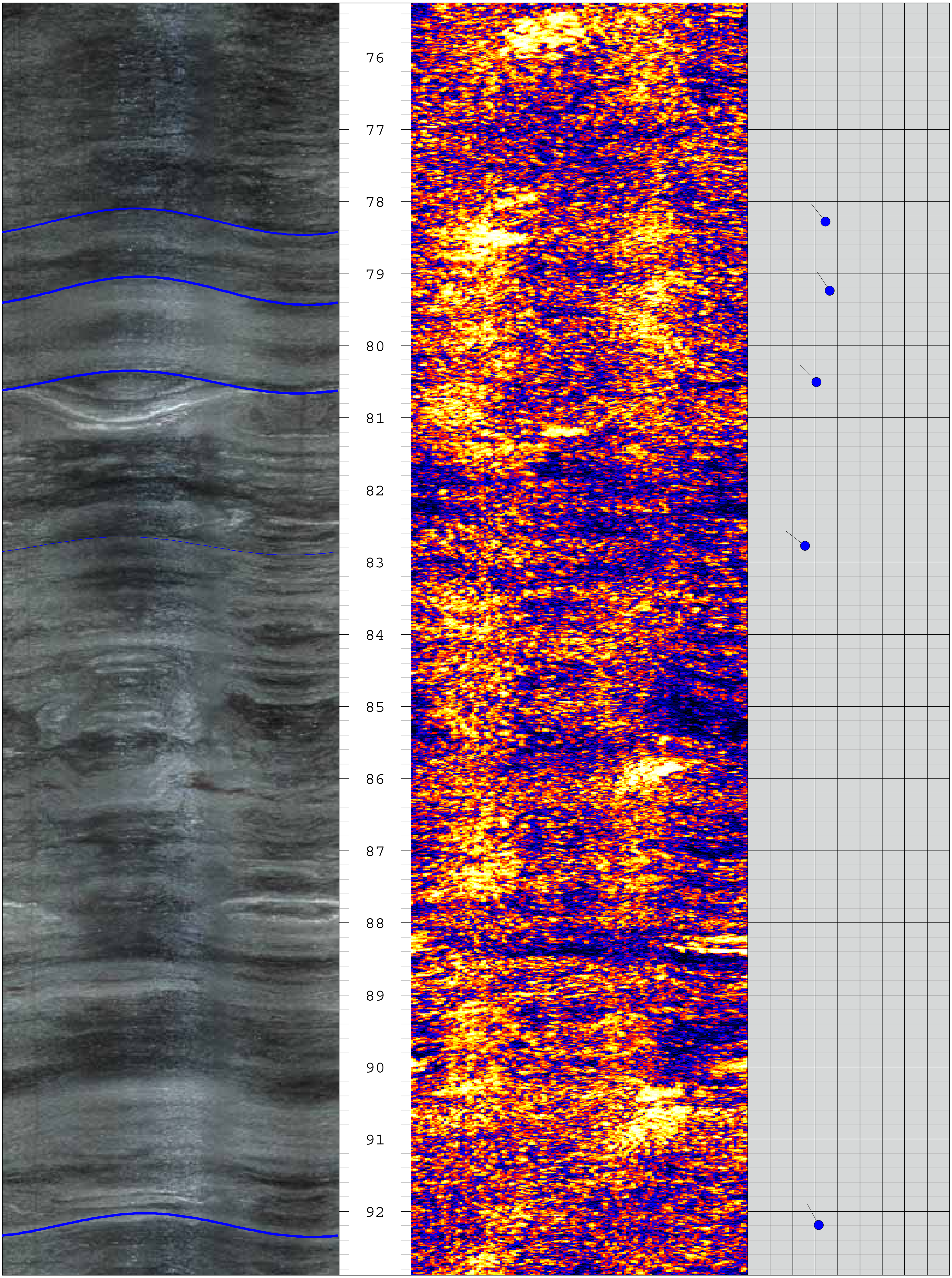
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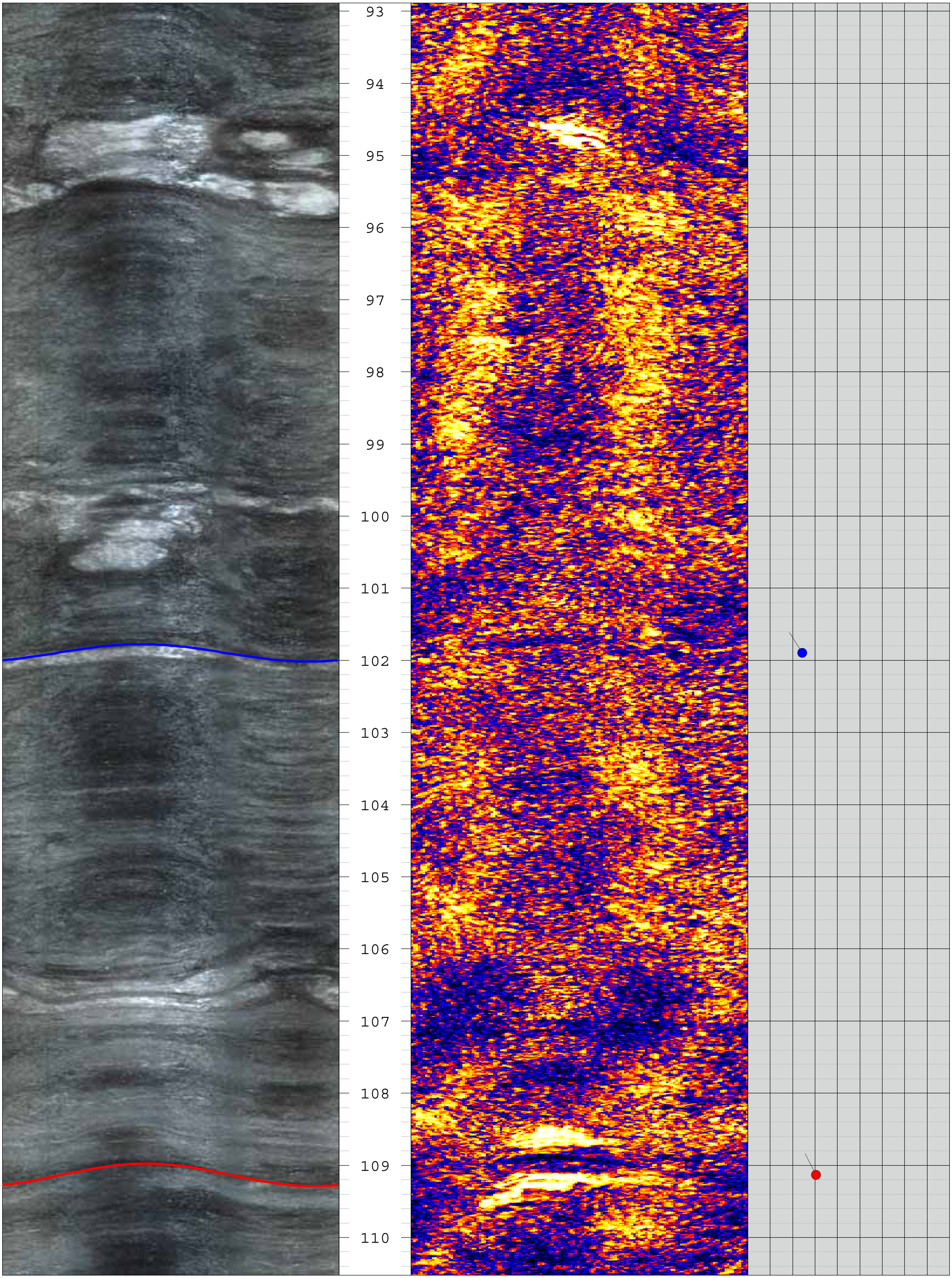
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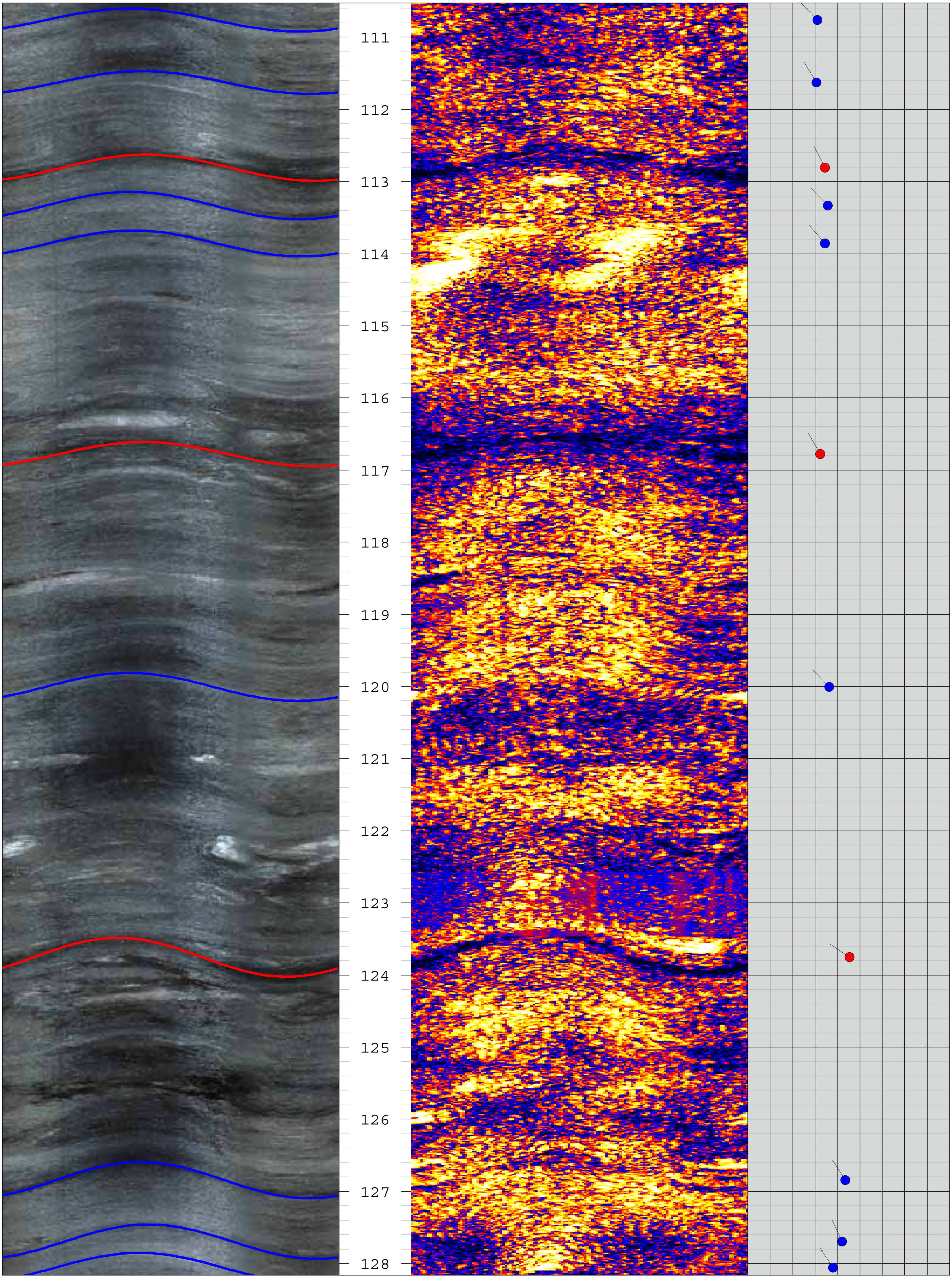
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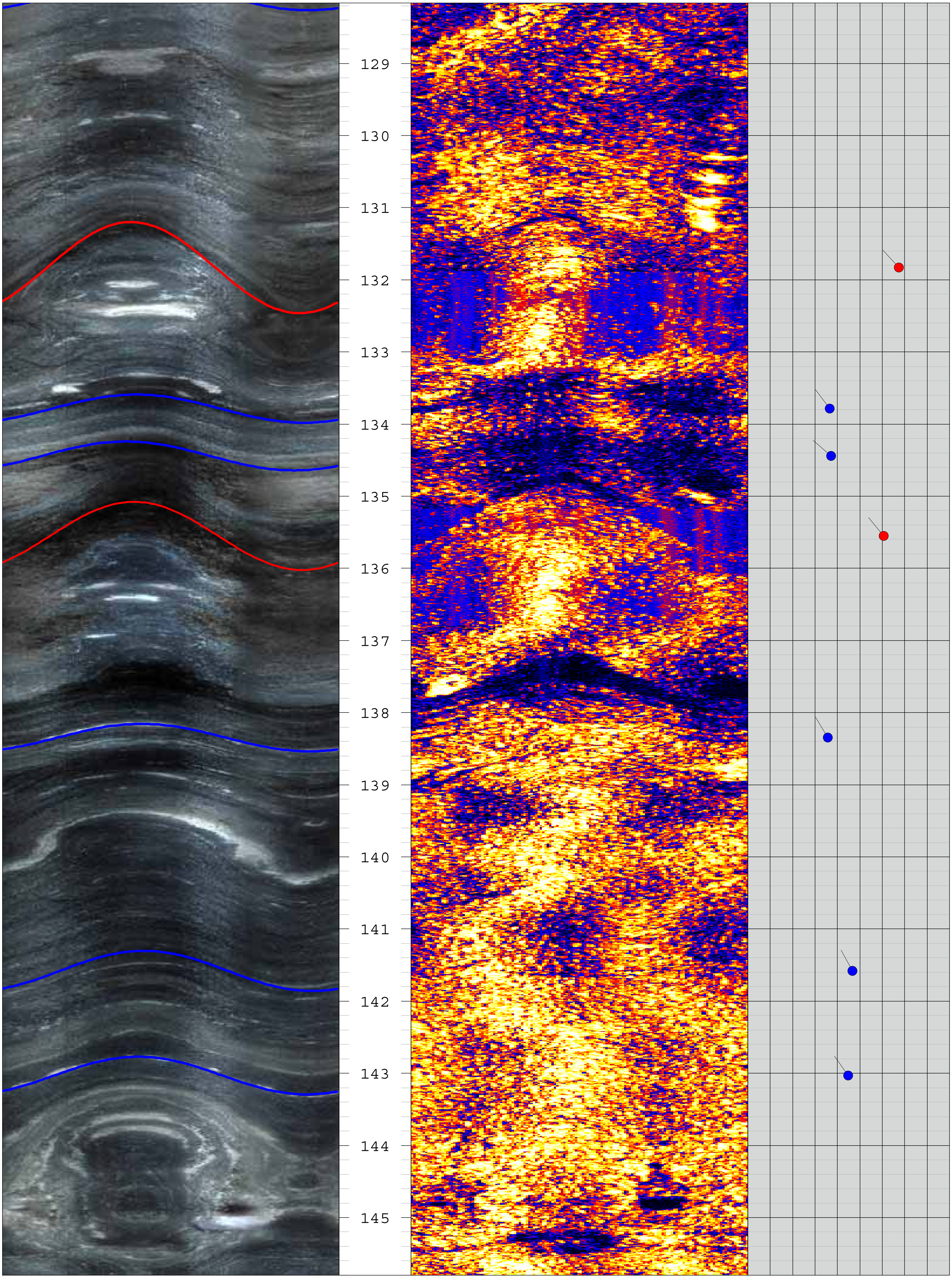
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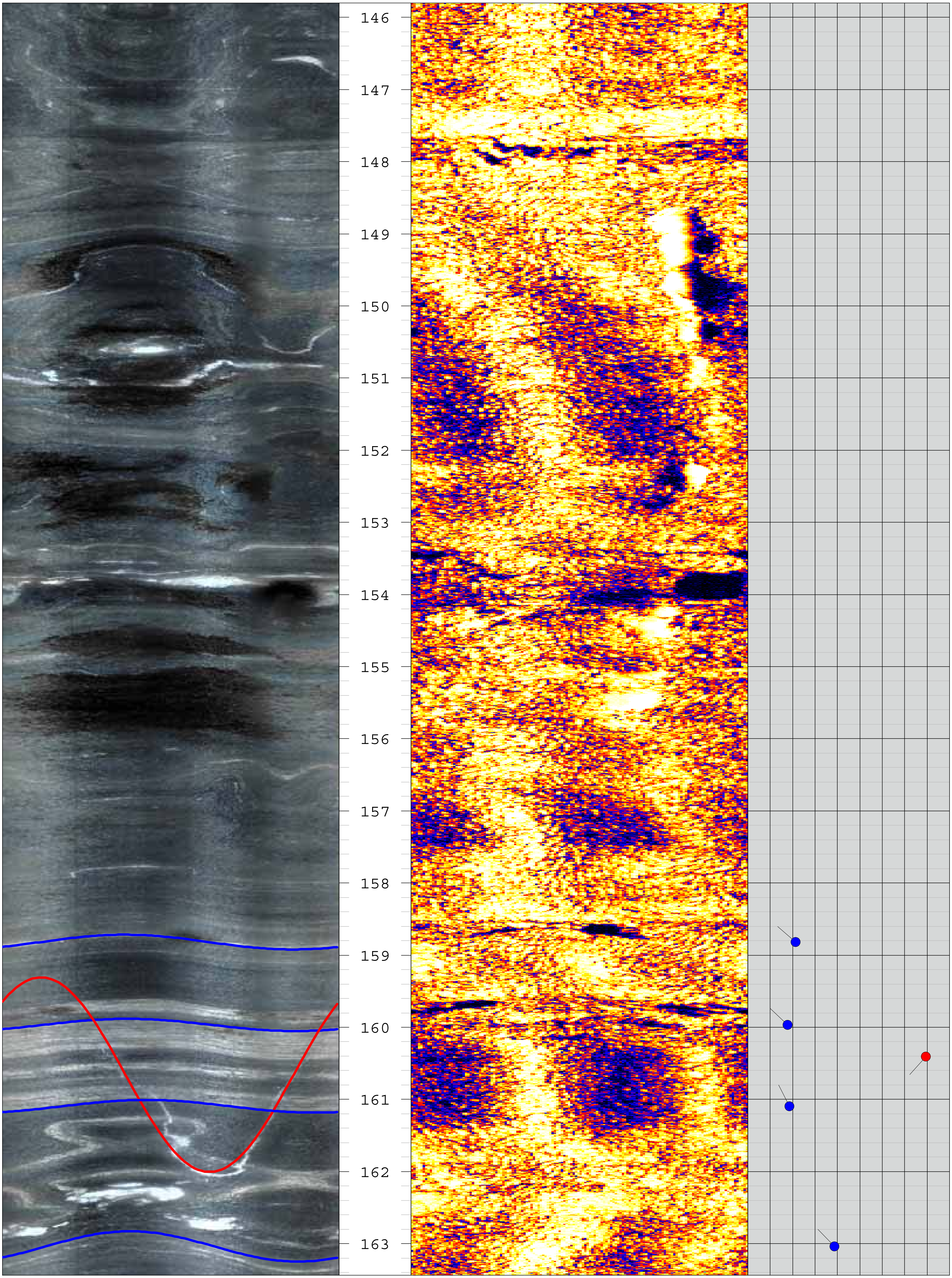
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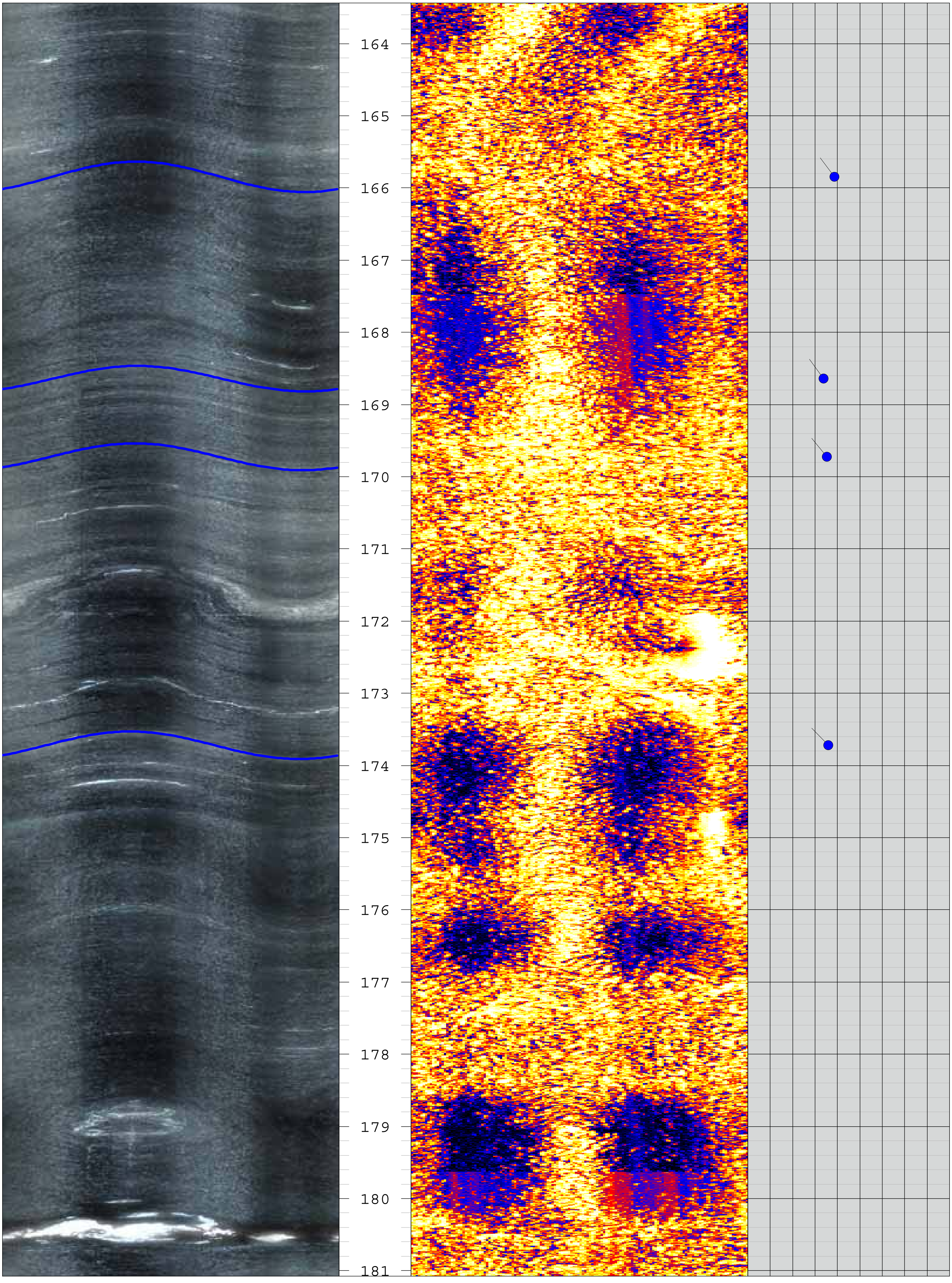
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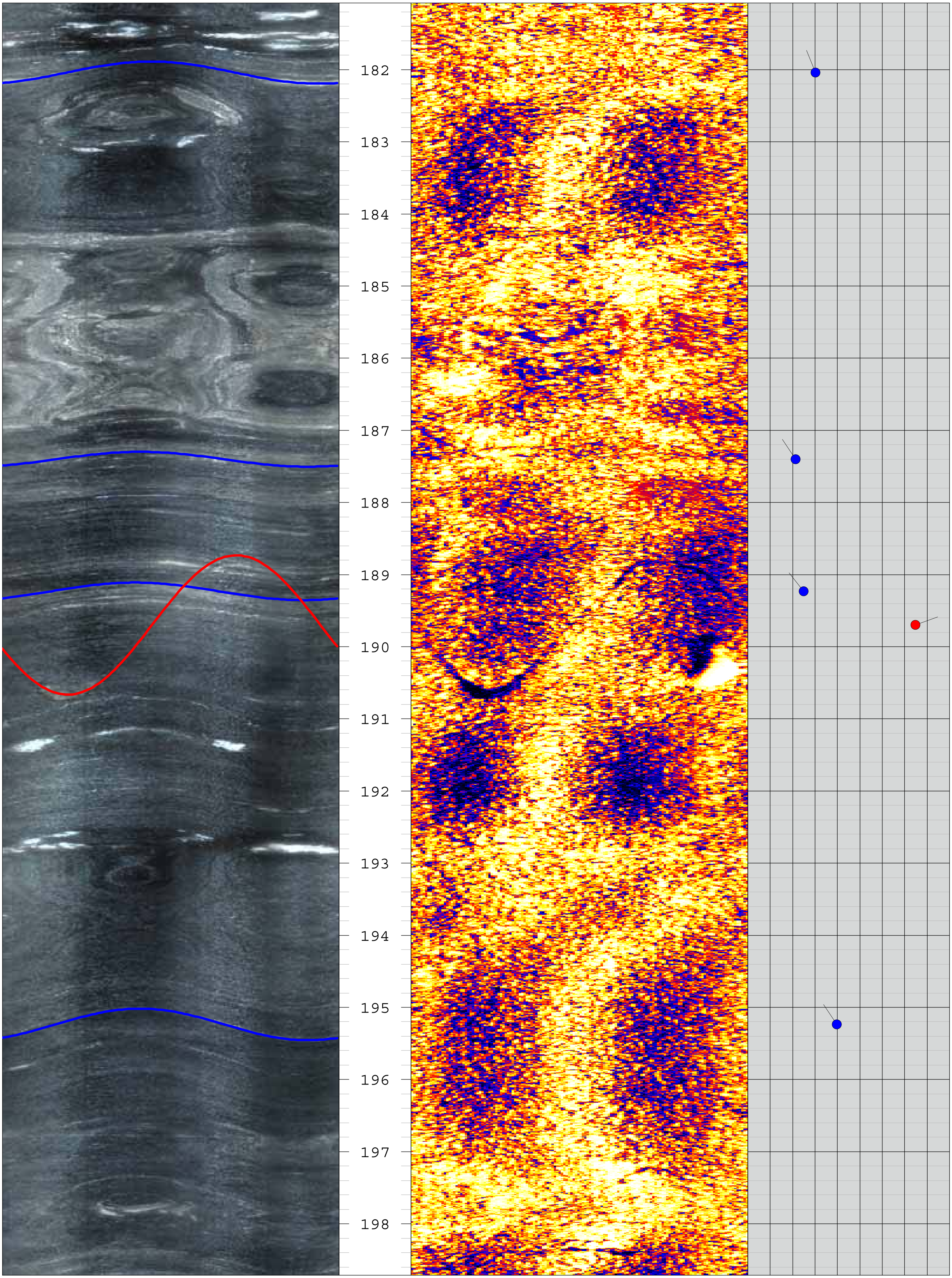
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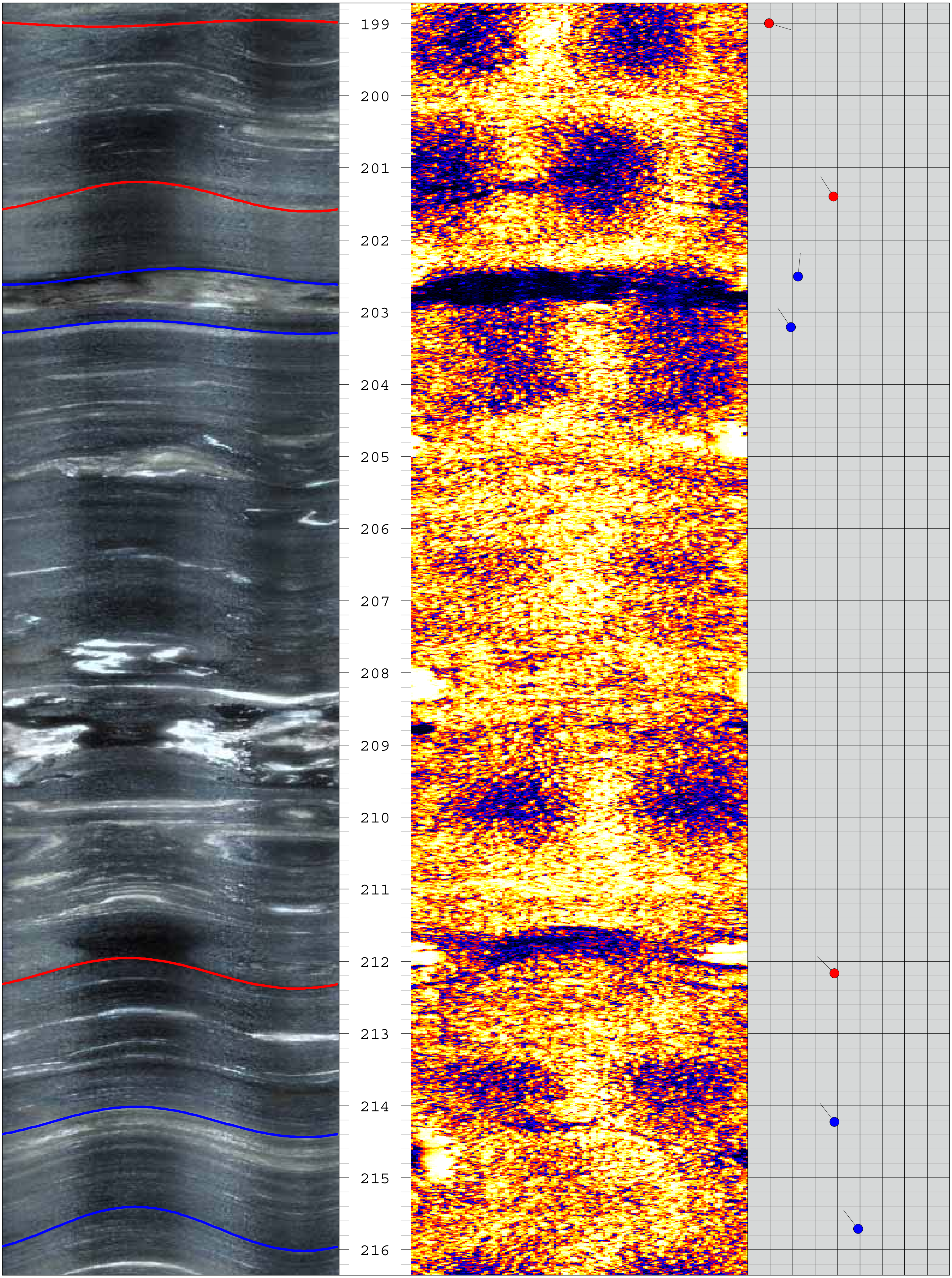
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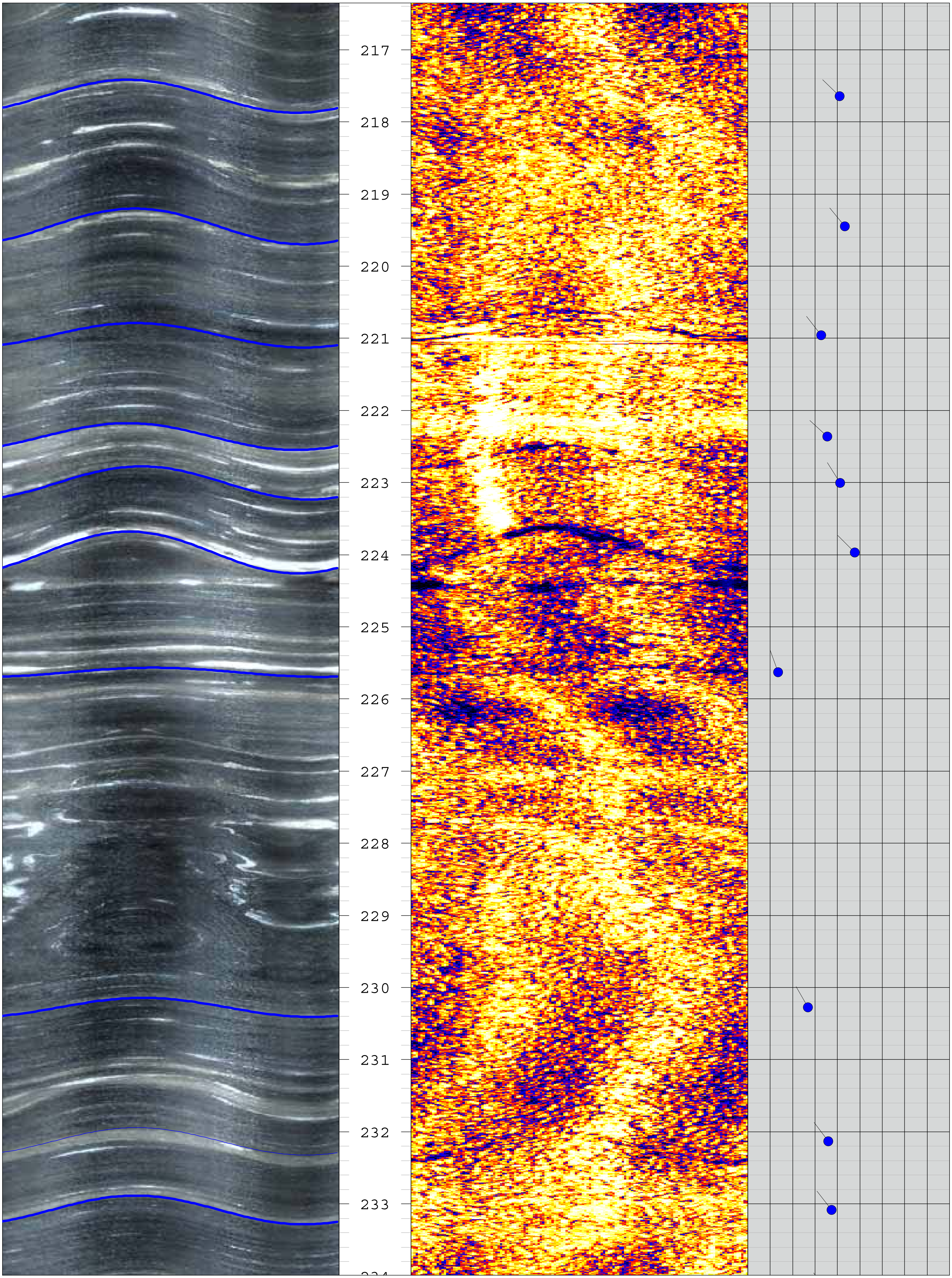
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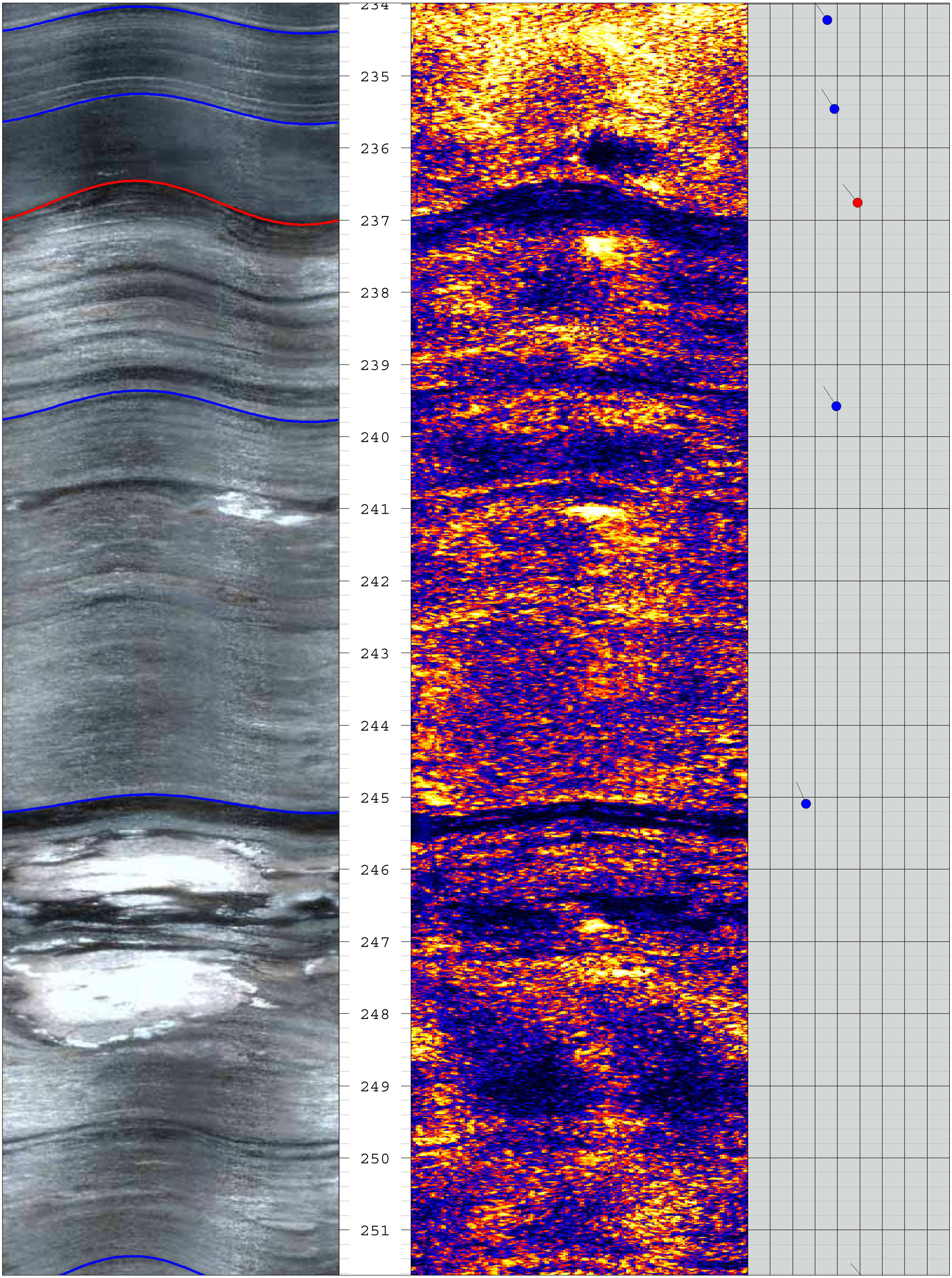
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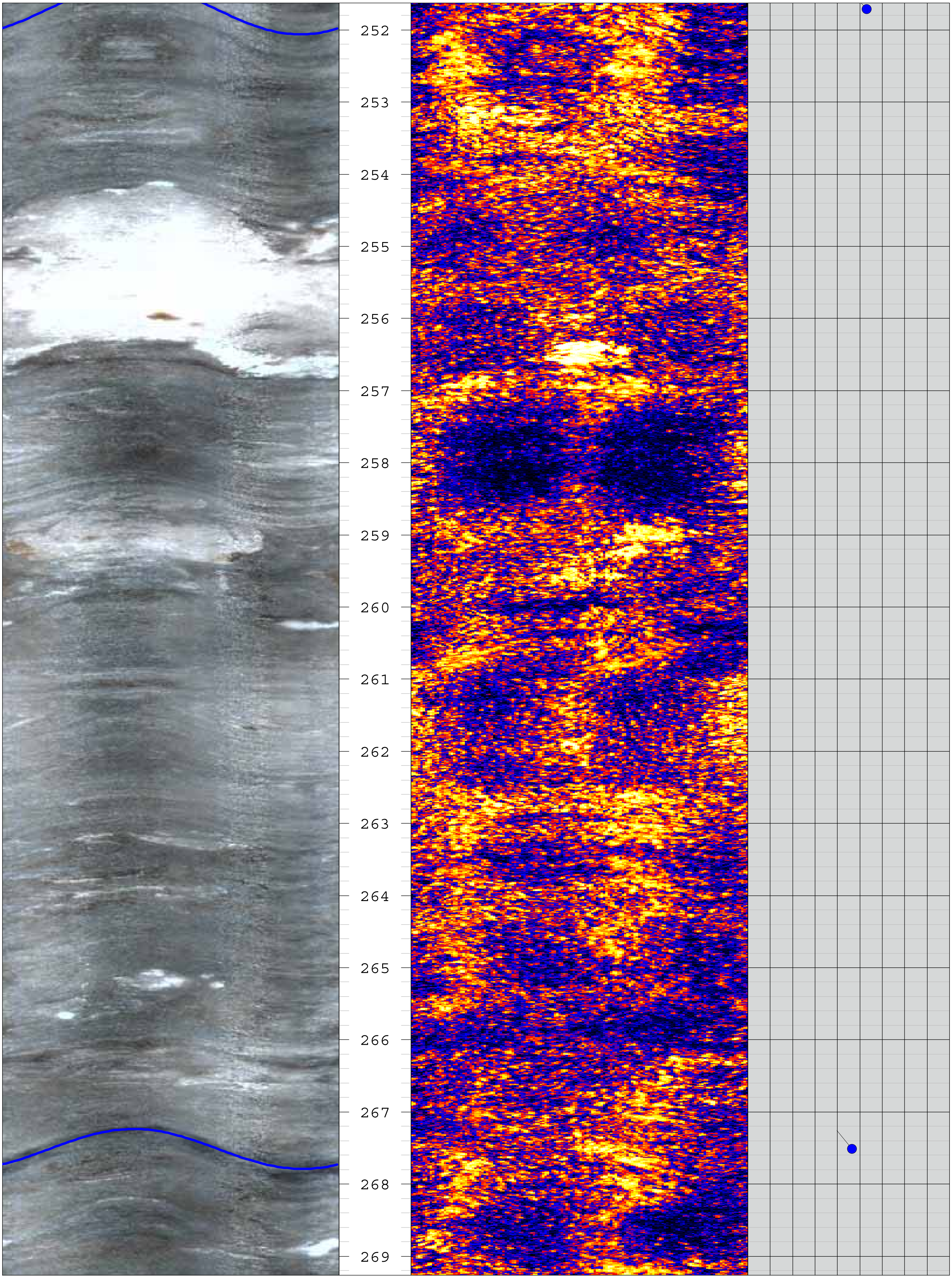
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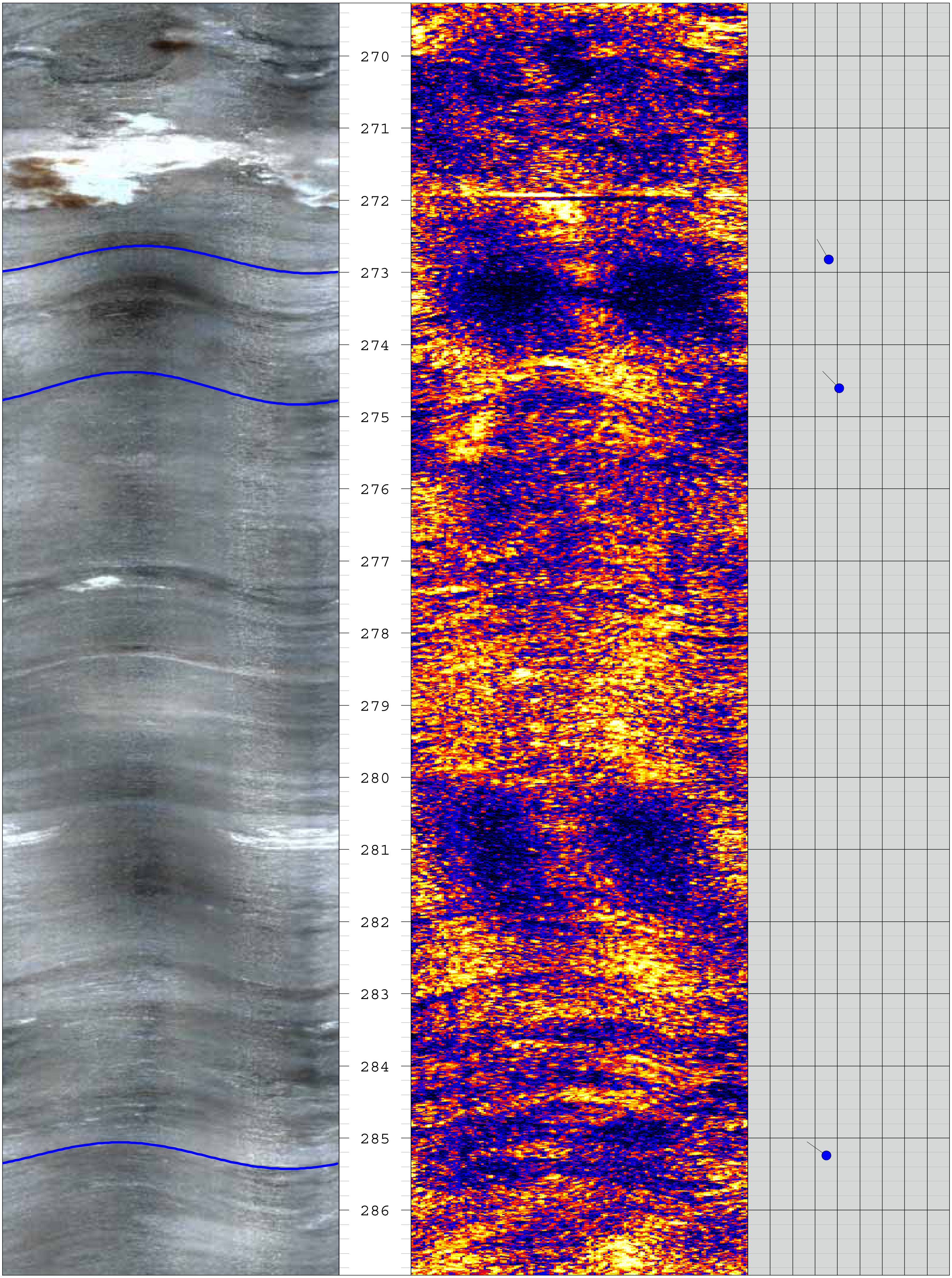
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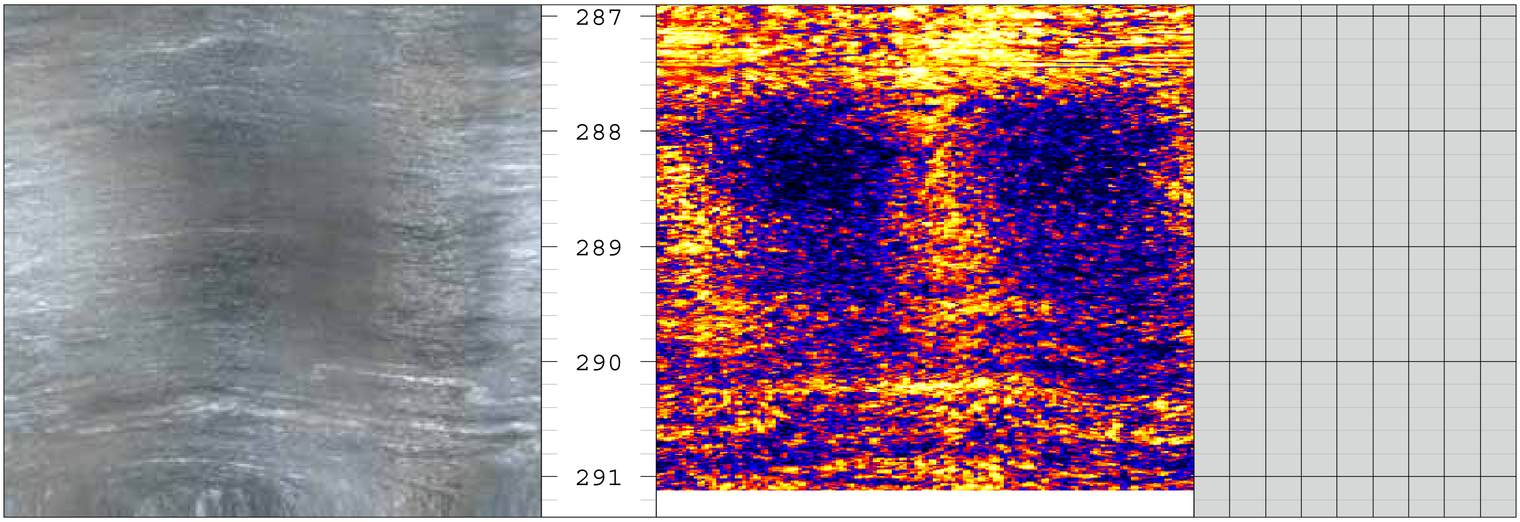
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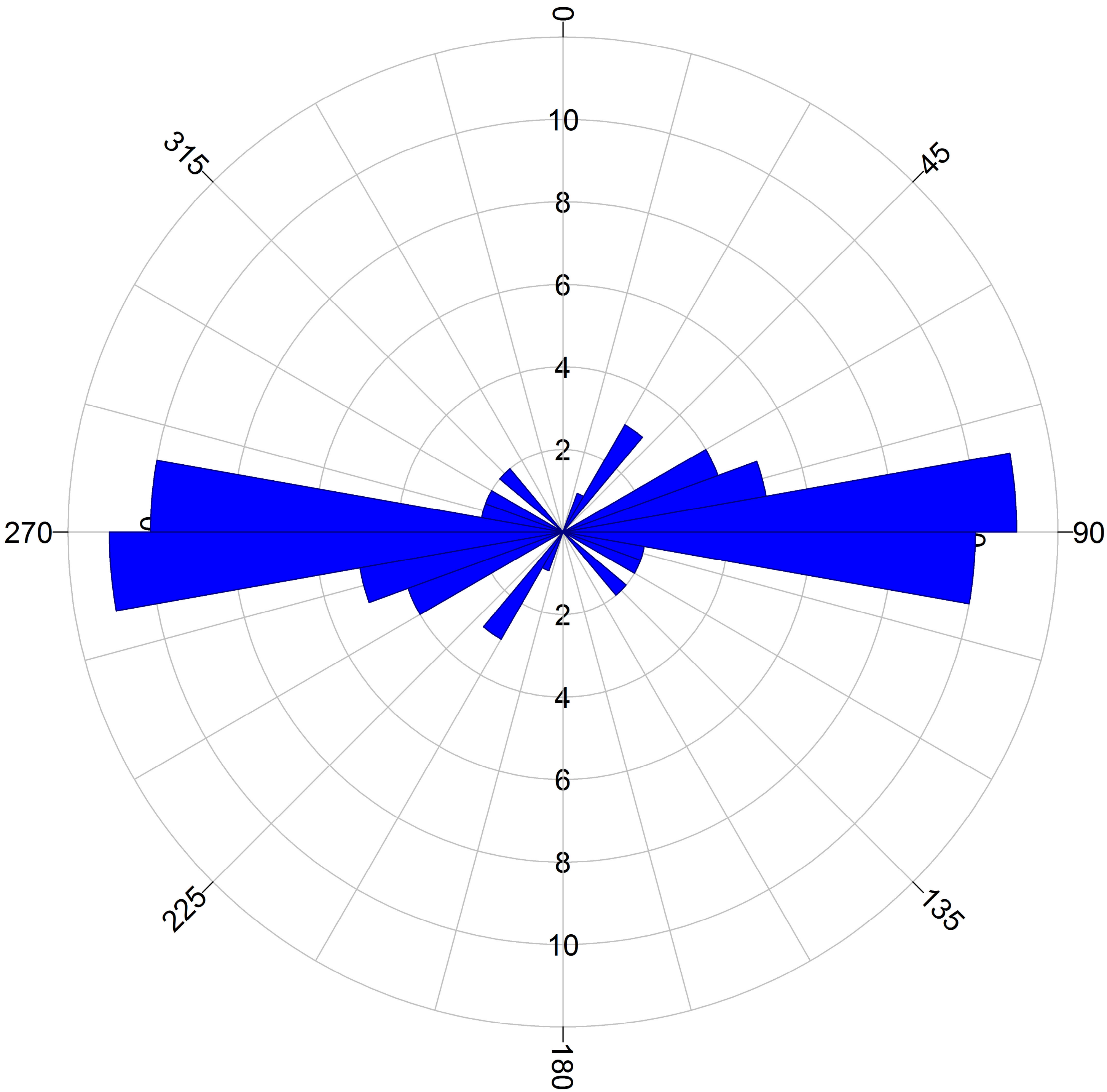
MW-91C, MW-168, MW-171C, MW-176, MW-177



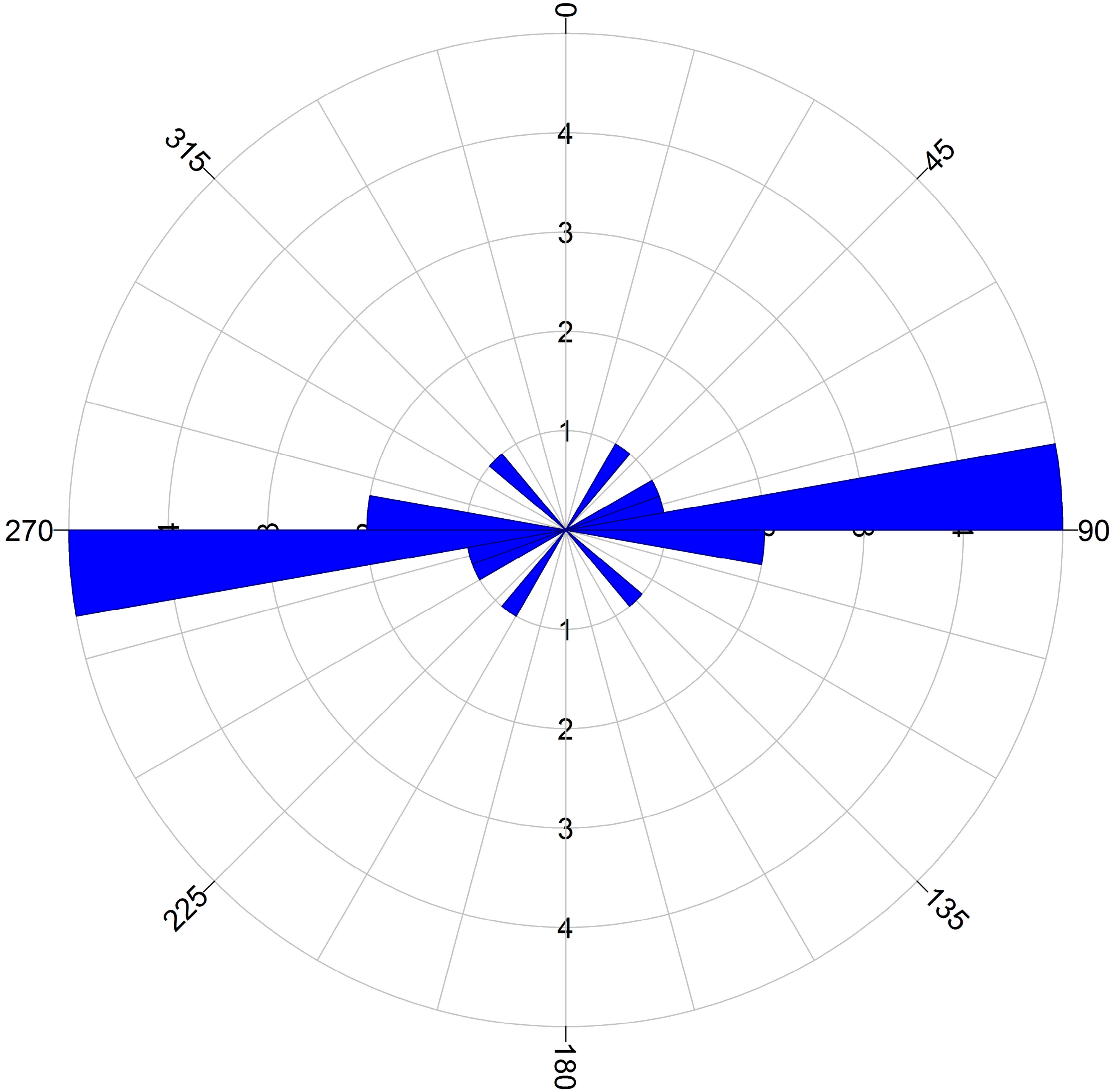
Rose Diagram

Statistical Summary

Calculation Method:	Frequency
Class Interval:	10.0 Degrees
Azimuth Filtering:	Deactivated
Data Type:	Bidirectional
Population:	40
Total Length of All Lineations:	80.0
Maximum Bin Population:	11.0
Mean Bin Population:	4.44
Standard Deviation of Bin Population:	3.54
Maximum Bin Population (%):	13.75
Mean Bin Population (%):	5.56
Standard Deviation of Bin Population (%):	4.42
Maximum Bin Length:	11.0
Mean Bin Length:	4.44
Standard Deviation of Bin Lengths:	3.54
Maximum Bin Length (%):	13.75
Mean Bin Length (%):	5.56
Standard Deviation of Bin Lengths (%):	4.42
Vector Mean:	85.5 Degrees
	265.46 Degrees
Confidence Interval:	13.7 Degrees
	(95 Percent)
R-mag:	0.74

Compilation of measured features throughout length of borehole

MW-91C

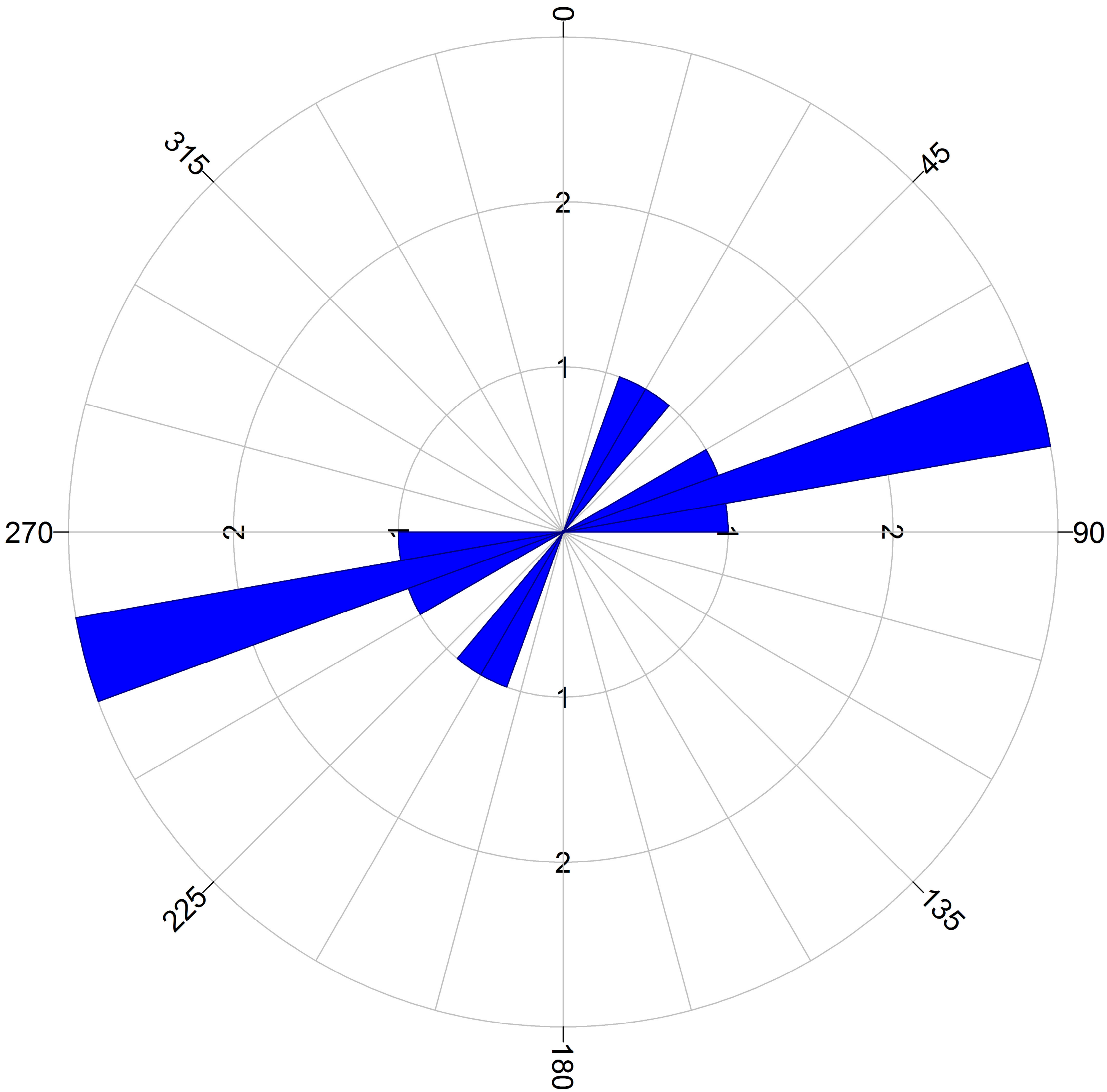


Rose Diagram

Statistical Summary	
Calculation Method:	Frequency
Class Interval:	10.0 Degrees
Azimuth Filtering:	Deactivated
Data Type:	Bidirectional
Population:	11
Total Length of All Lineations:	22.0
Maximum Bin Population:	5.0
Mean Bin Population:	1.83
Standard Deviation of Bin Population:	1.53
Maximum Bin Population (%):	22.73
Mean Bin Population (%):	8.33
Standard Deviation of Bin Population (%):	6.94
Maximum Bin Length:	5.0
Mean Bin Length:	1.83
Standard Deviation of Bin Lengths:	1.53
Maximum Bin Length (%):	22.73
Mean Bin Length (%):	8.33
Standard Deviation of Bin Lengths (%):	6.94
Vector Mean:	85.0 Degrees
	264.96 Degrees
Confidence Interval:	24.8 Degrees
	(95 Percent)
R-mag:	0.76

Compilation of measured features throughout length of borehole

MW-168

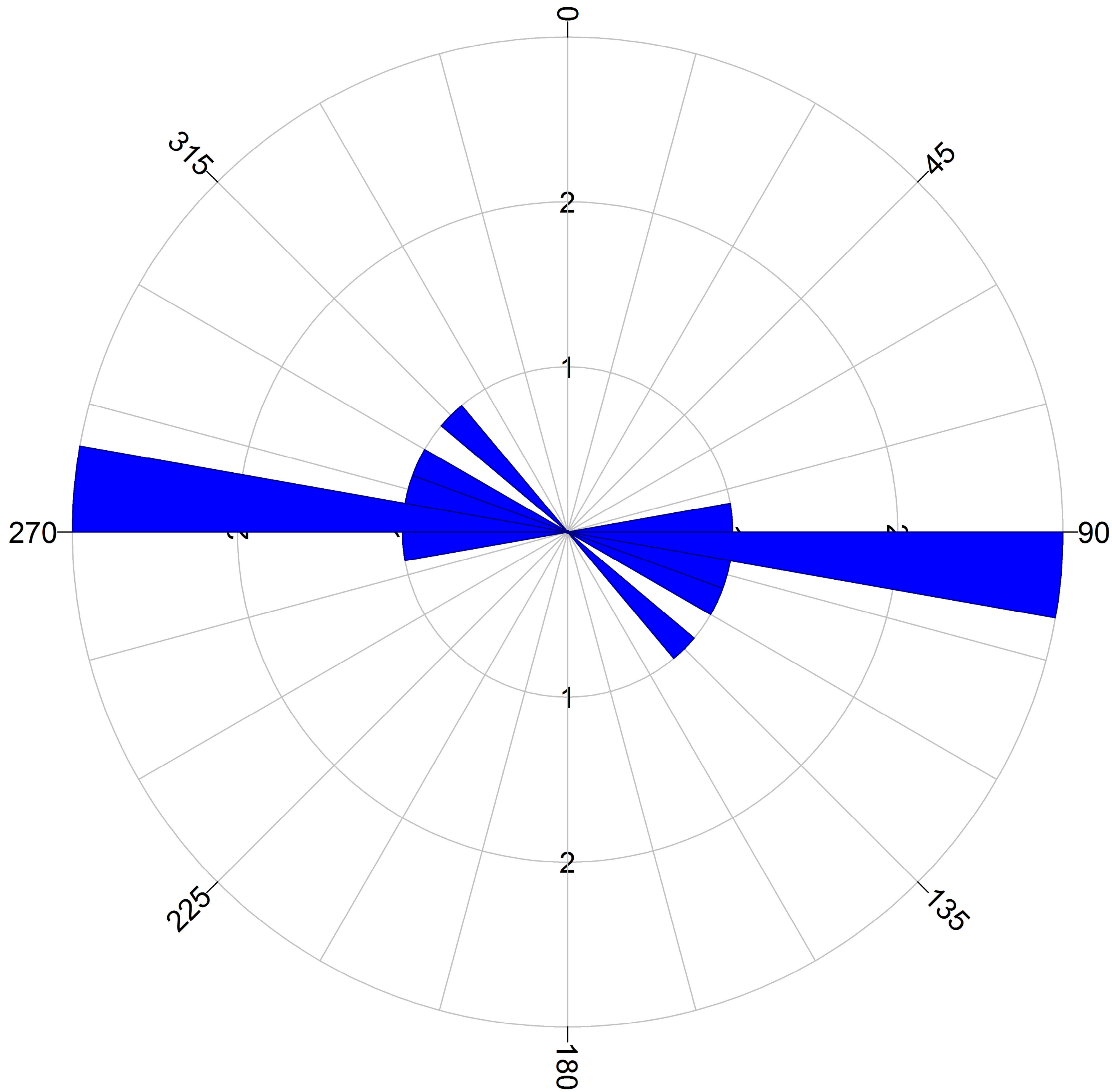


Rose Diagram

Statistical Summary	
Calculation Method:	Frequency
Class Interval:	10.0 Degrees
Azimuth Filtering:	Deactivated
Data Type:	Bidirectional
Population:	7
Total Length of All Lineations:	14.0
Maximum Bin Population:	3.0
Mean Bin Population:	1.4
Standard Deviation of Bin Population:	0.84
Maximum Bin Population (%):	21.43
Mean Bin Population (%):	10.0
Standard Deviation of Bin Population (%):	6.02
Maximum Bin Length:	3.0
Mean Bin Length:	1.4
Standard Deviation of Bin Lengths:	0.84
Maximum Bin Length (%):	21.43
Mean Bin Length (%):	10.0
Standard Deviation of Bin Lengths (%):	6.02
Vector Mean:	63.4 Degrees
	243.4 Degrees
Confidence Interval:	33.4 Degrees
	(95 Percent)
R-mag:	0.73

Compilation of measured features throughout length of borehole

MW-171C

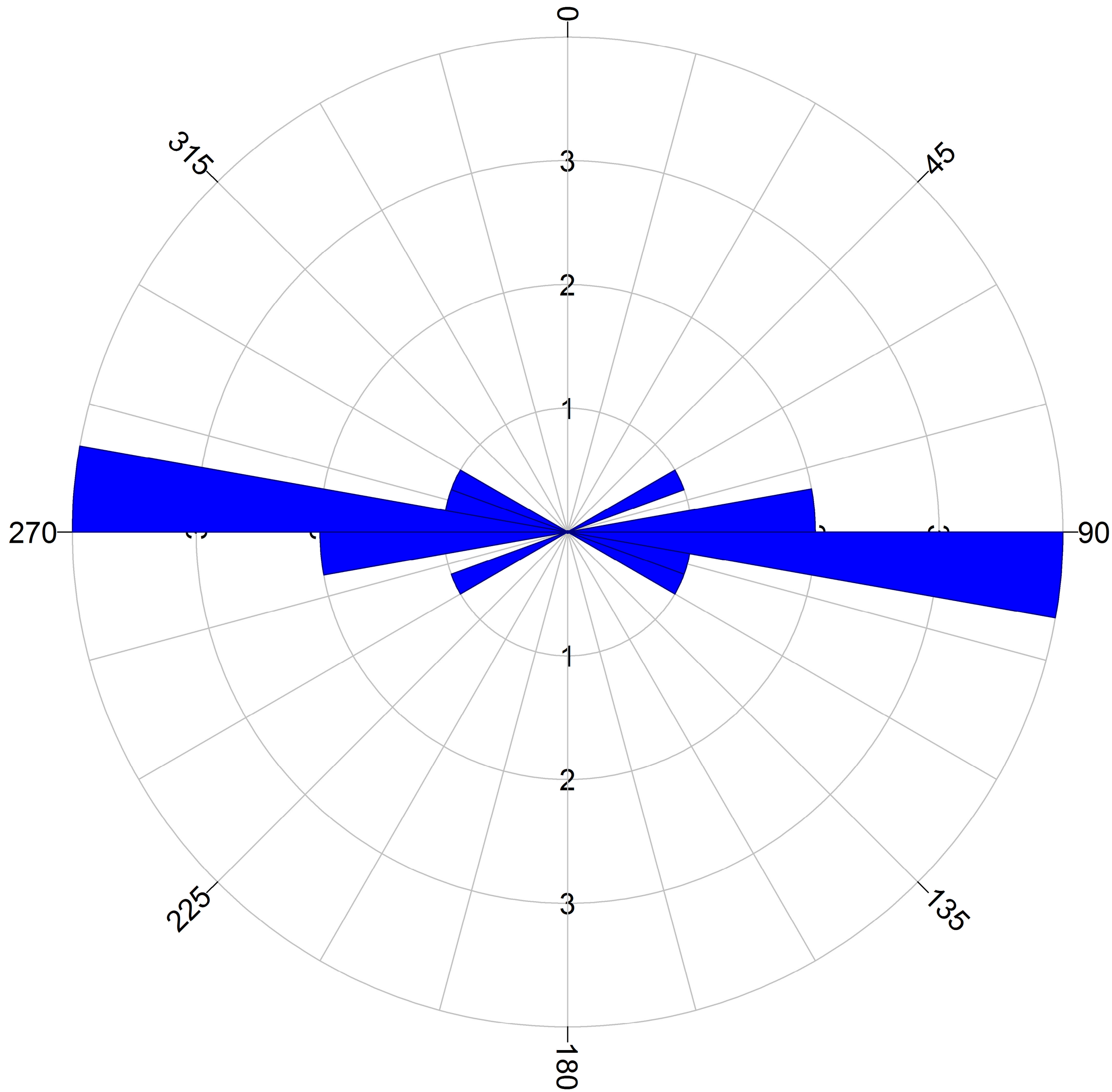


Rose Diagram

Statistical Summary	
Calculation Method:	Frequency
Class Interval:	10.0 Degrees
Azimuth Filtering:	Deactivated
Data Type:	Bidirectional
Population:	7
Total Length of All Lineations:	14.0
Maximum Bin Population:	3.0
Mean Bin Population:	1.4
Standard Deviation of Bin Population:	0.84
Maximum Bin Population (%):	21.43
Mean Bin Population (%):	10.0
Standard Deviation of Bin Population (%):	6.02
Maximum Bin Length:	3.0
Mean Bin Length:	1.4
Standard Deviation of Bin Lengths:	0.84
Maximum Bin Length (%):	21.43
Mean Bin Length (%):	10.0
Standard Deviation of Bin Lengths (%):	6.02
Vector Mean:	101.5 Degrees
	281.47 Degrees
Confidence Interval:	23.2 Degrees
	(95 Percent)
R-mag:	0.86

Compilation of measured features throughout length of borehole

MW-176

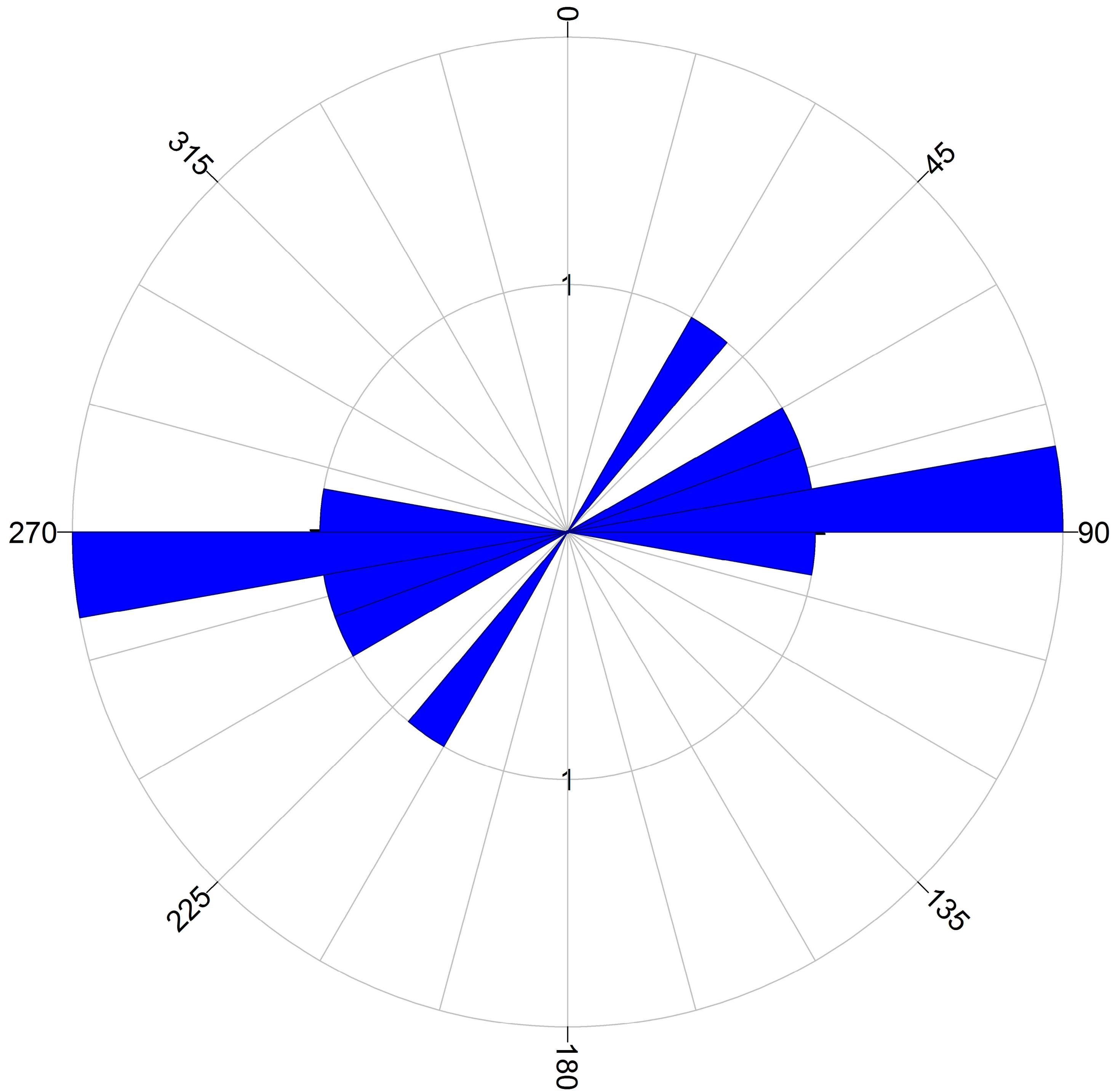


Rose Diagram

Statistical Summary	
Calculation Method:	Frequency
Class Interval:	10.0 Degrees
Azimuth Filtering:	Deactivated
Data Type:	Bidirectional
Population:	9
Total Length of All Lineations:	18.0
Maximum Bin Population:	4.0
Mean Bin Population:	1.8
Standard Deviation of Bin Population:	1.23
Maximum Bin Population (%):	22.22
Mean Bin Population (%):	10.0
Standard Deviation of Bin Population (%):	6.83
Maximum Bin Length:	4.0
Mean Bin Length:	1.8
Standard Deviation of Bin Lengths:	1.23
Maximum Bin Length (%):	22.22
Mean Bin Length (%):	10.0
Standard Deviation of Bin Lengths (%):	6.83
Vector Mean:	92.0 Degrees
	272.02 Degrees
Confidence Interval:	16.2 Degrees
	(95 Percent)
R-mag:	0.91

Compilation of measured features throughout length of borehole

MW-177



Rose Diagram

Statistical Summary	
Calculation Method:	Frequency
Class Interval:	10.0 Degrees
Azimuth Filtering:	Deactivated
Data Type:	Bidirectional
Population:	6
Total Length of All Lineations:	12.0
Maximum Bin Population:	2.0
Mean Bin Population:	1.2
Standard Deviation of Bin Population:	0.42
Maximum Bin Population (%):	16.67
Mean Bin Population (%):	10.0
Standard Deviation of Bin Population (%):	3.51
Maximum Bin Length:	2.0
Mean Bin Length:	1.2
Standard Deviation of Bin Lengths:	0.42
Maximum Bin Length (%):	16.67
Mean Bin Length (%):	10.0
Standard Deviation of Bin Lengths (%):	3.51
Vector Mean:	77.1 Degrees
	257.11 Degrees
Confidence Interval:	32.6 Degrees
	(95 Percent)
R-mag:	0.77

Compilation of measured features throughout length of borehole

APPENDIX E
Surface Geophysical Survey Report

ENVIROSCAN, INC.

Report
Geophysical Survey
3501 Hampshire Glen Court
Phoenix, MD
Enviroscan Reference Number 051001

Prepared for: Kleinfelder
Prepared By: Enviroscan, Inc.
August 31, 2010

1051 Columbia Avenue ● Lancaster, PA 17603 ● 717.396.8922 ● Fax 717.396.8746 ● email@enviroscan.com ● www.enviroscan.com

ENVIROSCAN, INC.

August 31, 2010

Mr. Brian McCann
Kleinfelder
99 Lamberton Road
Suite 201
Windsor, CT 06095

RE: Geophysical Survey
3501 Hampshire Glen Court
Phoenix, MD
Enviroscan Reference Number 051001

Dear Mr. McCann:

Pursuant to our proposal dated May 6, 2010, Enviroscan, Inc. (Enviroscan) has completed a geophysical investigation at the above-referenced site. The purpose of this investigation was to detect gravity and/or electrical anomalies beneath a client-designated area at the above-referenced site. Fieldwork for this survey was completed on May 24-26, 2010. General data collection and processing methods are described below, and processed microgravity and resistivity data and interpretations are shown on the enclosed figures.

Site Description

The survey area is within a vacant parcel of land at 3501 Hampshire Glen in Phoenix, MD. Approximate profile locations were designated by the client to provide subsurface reconnaissance for anomalous features. The geophysical survey profile and station locations are depicted on Figure 1.

According to the information provided by The Geologic Map of Maryland (Cleaves, 1968), the site is located within the Late Precambrian-aged (?) Wissahickon Formation; Lower Pelitic Schist (wlps). The Wissahickon Formation; Lower Pelitic Schist is a medium- to coarse-grained biotite-oligoclase-muscovite-quartz schist (Ibid.).

Survey Methods

Microgravity Survey

In order to detect possible microgravity anomalies, Enviroscan collected measurements on a roughly 25-foot by 10-foot grid covering accessible portions of the site.

Microgravity meters are capable of measuring the force of gravity with great precision. Worldwide, the acceleration of gravity has been adopted as 980 centimeters per second squared (cm/s^2). However, this is really an average value since the actual measured value of gravity at a given station is dependent upon many things including:

- the elevation of the station reading (since higher stations are farther from the center of mass of the earth),
- the latitude and longitude of the station (since the earth is not truly spherical),
- the positions of the sun and the moon (which creates not only the readily observed ocean tides, but small deformations of the entire earth called earth tides),
- minute changes in the calibration of the gravity meter (called instrument drift),
- the attraction of massive landforms near or obliquely above the station (i.e. the mass of a nearby mountain actually produces a gravitational attraction which can have a significant effect on a precise gravity reading), and
- the density of materials immediately beneath a station.

The variations in gravity due to the first four factors above typically have magnitudes measured in milligals or mgals (where 1000 mgals equal one cm/s^2). The fifth and sixth factors are typically measured in microgals (where 1000 microgals equal one milligal). Since the purpose of a microgravity survey is generally to determine factor six above (i.e. the density or mass distribution in the subsurface of a survey site), the raw gridded or profile gravity measurements that comprise a gravity survey must be corrected for factors one through five. This produces a set of numbers (which are generally several parts per billion of the earth's adopted average gravity) that can be interpreted to determine subsurface density of mass distribution (see e.g. Telford et al., 1990).

To arrive at a number representative of the subsurface mass distribution, raw gravity readings are subjected to the following corrections:

Reference ellipsoid correction – corrects for the non-spherical shape of the earth based on the latitude and longitude of a station

Earth tide correction – corrects for deformation of the earth under the gravitational influence of the sun and moon

Drift correction – corrects for slow changes in the calibration of a gravity meter based on repeated measurements at a fixed base station

Free air correction – corrects for the elevation of a station above (or below) mean sea level based on a surveyed station elevation

Bouguer slab correction – corrects for the density of the hypothetical slab of material between the station elevations and mean sea level based on an assumed average terrain density

Terrain correction – corrects for the oblique attraction of nearby landforms and the assumed average landform density.

Microgravity data that have been corrected as described above are called complete bouguer gravity, and if collected and processed properly, should retain only information on the mass or density distribution beneath a survey station.

Elevated bouguer gravity anomalies are caused by subsurface mass excesses such as locally shallow bedrock or float blocks in the soil profile, or zones of particularly massive bedrock. No such features were expected at this site based on the non-karstic geology, and none were observed (see below). Low bouguer gravity is caused by mass deficiencies – e.g. zones of low-density soils, and air-, water-, or mud-filled voids, poorly compacted fill, and fractured/porous rock.

To complete the microgravity survey, Enviroscan collected gravity readings along profiles spaced 25 feet apart with an along-profile station spacing of 10 feet (blue diamonds, Figure 1), using a Scintrex AutoGrav CG-3M gravimeter. At each station, the metered gravity (representing a 60-second average), meter height, and reading date and time were recorded in the memory of the gravity meter. A fixed base station was re-occupied with the gravity meter approximately once every hour to provide drift control data. The location and elevation of each microgravity survey station was surveyed with a Topcon Hyperlite RTK-DGPS system with sub-centimeter accuracy.

Initial data processing is automatically applied in the field by the CG-3M, and includes the reference ellipsoid, earth tide, and coarse drift corrections. The gravity data were further post-processed by applying the free air, fine drift, and bouguer corrections using standard formulae as computed in a spreadsheet. The terrain density used for the Bouguer correction was calculated using the Nettleton Method (Telford et al., 1990). This method is applied by computing the correlation coefficient between the surveyed topography, and the topography-corrected or Bouguer gravity over a range of assumed terrain densities. The local average terrain density is the density that produces the lowest absolute correlation between topography and Bouguer gravity.

Finally, a statistically best-fitting planar surface was subtracted from the data to represent very deep source (basement geology) regional gravity variation. The resulting residual bouguer gravity was contoured using the statistical kriging routine in SURFER for WINDOWS by Golden Software, and is depicted in Figure 2. Mass deficiencies or areas where the subsurface density is lower than the site-wide average are represented with increasing shades of red, while mass excesses (locally higher densities) are represented with increasing shades of blue.

Electrical Resistivity Imaging

In order to detect subsurface electrical anomalies, Enviroscan performed electrical resistivity imaging (EI). Surface resistivity measurements involve driving an electrical current in the ground using two current electrodes at the ground surface. The apparent resistivity of the subsurface (essentially the mathematical inverse of terrain conductivity) is determined by measuring the potential difference or voltage between two potential electrodes with a known separation and position/orientation relative to the current electrodes. The lateral and vertical soil and rock variations are represented by the measured apparent resistivity; which is a function of the surface electrode geometries. The principles of electrical imaging are described in the accompanying Introduction to Electrical Imaging (Appendix A).

Using a Sting R8/IP resistivity meter and Swift automated electrode switching system, apparent resistivity readings were collected along Profiles A-A' and B-B' (see Figure 1). Along each profile, electrodes were spaced on the ground surface at approximately 10-foot intervals. In order to collect electrical imaging data, a dipole-dipole gradient array was used with a maximum depth of investigation of approximately 50 feet. The locations of each profile, as well as site features, were surveyed using a Topcon Hyperlite RTK-DGPS global positioning system. The measured apparent resistivities (ρ_a) were plotted in the field as resistivity pseudosections depicting the apparent resistivity versus nominal survey depth for each profile to confirm data quality.

In post-field processing, the apparent resistivity pseudosections were mathematically inverted using EarthImager 2D by Advanced Geosciences, Inc., to provide color-contoured electrical images of true resistivity versus true depth along each profile as depicted in Figure 3. On these images, low resistivity (high conductivity) material is depicted in shades of yellow to red, with high resistivity (low conductivity) material in shades of blue. Clay-rich materials and water with even minimal ionic content or dissolved solids are typically represented by local resistivity lows (conductivity highs – shades of yellow to red). Clean sands and gravels, as well as competent bedrock, are typically represented by areas of resistivity highs (low conductivity – shades of blue).

Survey Results

The microgravity and EI profile locations are depicted in Figure 1 and the processed data are shown in Figures 2 and 3. A summary of the geophysical survey results is presented on Figure 4.

The microgravity data delineated a very distinct mass-deficient zone with an WSW-ENE trend (approximately N70˚E) through the center of the survey area, north of monitoring wells MW-91,MW-91C, MW-176, and MW-168.

The results of the electrical imaging depict a low to moderately low resistive layer extending from the ground surface to approximately 5 feet below grade underlain by a relatively flat resistive layer (shades of blue). Additionally, low resistivity anomalies disrupt the resistive layer along both electrical resistivity profiles near their intersection (shades of yellow to orange). Please note that the shallow low resistivity anomaly near A' was associated with an area of surficial saturation at the time of the survey, and may not represent deeper geologic conditions.

Limitations

The geophysical survey described above was completed using standard and/or routinely accepted practices of the geophysical industry and equipment representing the best available technology. Enviroscan does not accept responsibility for survey limitations due to inherent technological limitations or unforeseen site-specific conditions. However, we make every effort to identify and notify the client of such limitations or conditions. In addition, this geophysical survey was performed without knowledge or incorporation of other geologic (e.g. boring logs or samples), or chemical data.

We have enjoyed and appreciated the opportunity to work with you. If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,
Enviroscan, Inc.

Timothy D. Bechtel, Ph.D., P.G.
Principal Geophysicist

Technical Review By:
Enviroscan, Inc.

Felicia Kegel Bechtel, M.Sc., P.G.
President

enc.: Figure 1: Geophysical Data Coverage Map
Figure 2: Microgravity Survey Results
Figure 3: Electrical Imaging Results
Figure 4: Geophysical Survey Results
Appendix A: Introduction to Electrical Imaging
References

Notes:

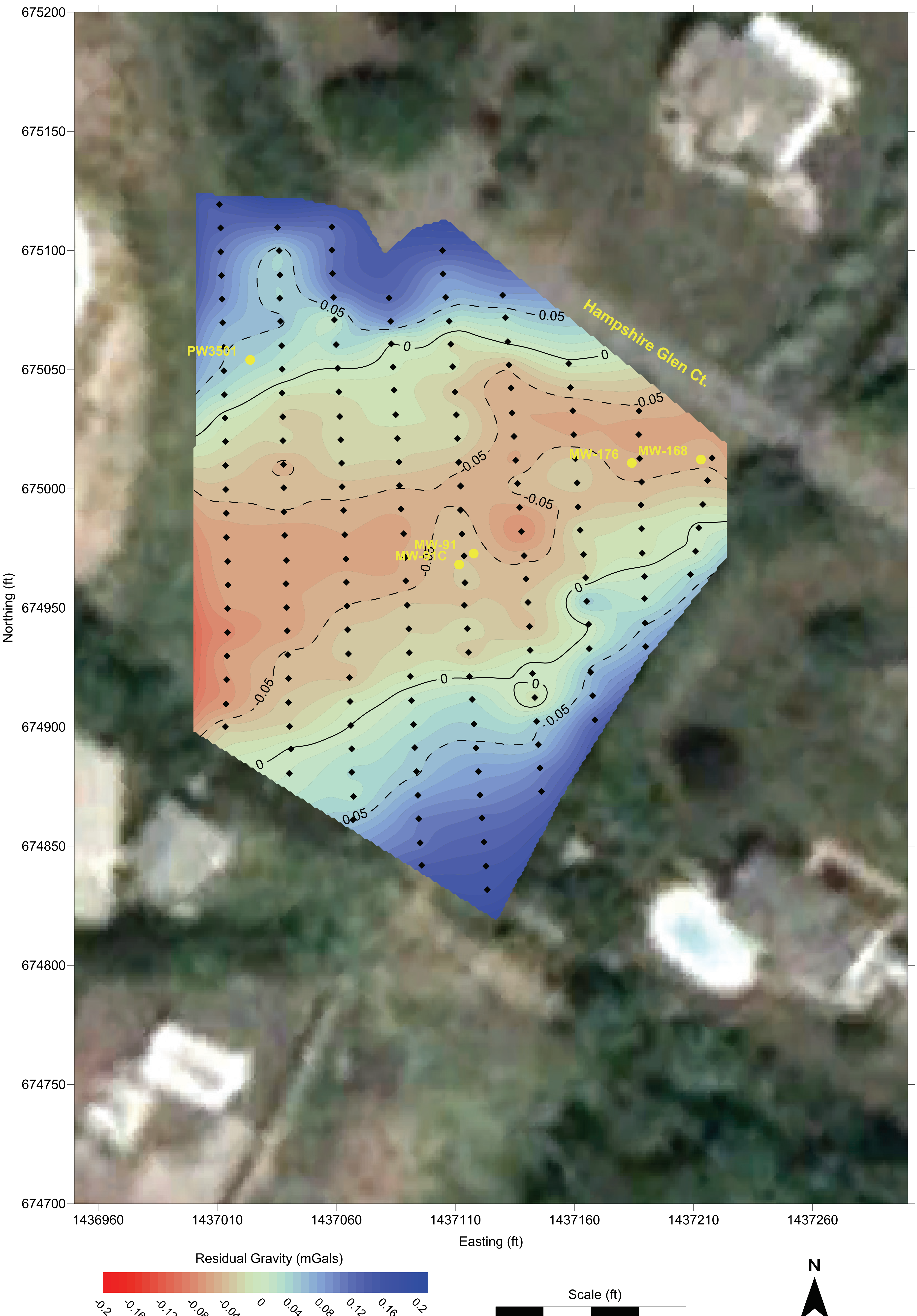
Coordinates in Maryland State Plane Grid, NAD-83 datum.

Basemap from DGPS survey by Enviroscan, Inc. and Google Earth image.

Gravity data from Scintrex CG-3M Autograv meter.

Resistivity data collected with AGI Super Sting R8 56-electrode system.

Prepared by:	Title:	Project Location:	Figure
ENVIROSCAN, INC. Enviroscan, Inc. 1051 Columbia Ave. Lancaster PA 17603 717-396-8922 www.enviroscan.com	**Geophysical Data Coverage Map**	**3501 Hampshire Glen Court Phoenix, MD**	1
		Project Number: 051001 / Revision/Issue: Rev. 08/11/10	
		Original Scale: 1" = 40' / Survey Ending Date: 05/26/10	Drawn by: CHR / Approved by: FKB



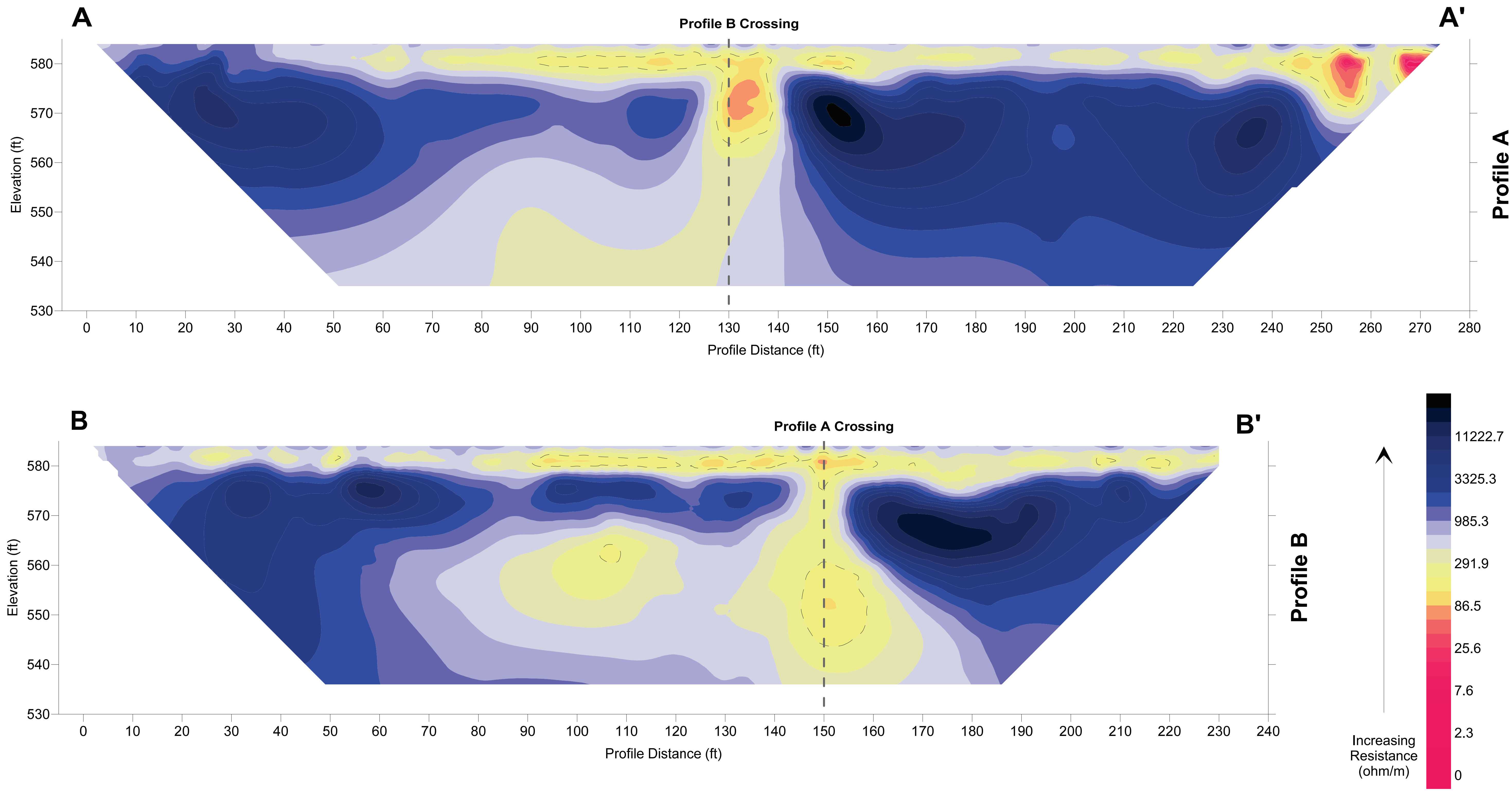
Notes:

Coordinates in Maryland State Plane Grid, NAD-83 datum.

Basemap from DGPS survey by Enviroscan, Inc. and Google Earth image.

Gravity data from Scintrex CG-3M Autograv meter.

Prepared by:	Title:	Project Location:		Figure
ENVIROSCAN, INC. **Enviroscan, Inc.** 1051 Columbia Ave. Lancaster PA 17603 717-396-8922 www.enviroscan.com	**Microgravity Survey Results**	**3501 Hampshire Glen Court Phoenix, MD**		2
		Project Number: 051001	Revision/Issue: Rev. 08/11/10	
		Original Scale: 1" = 40'	Survey Ending Date: 05/26/10	Drawn by: CHR / Approved by: FKB

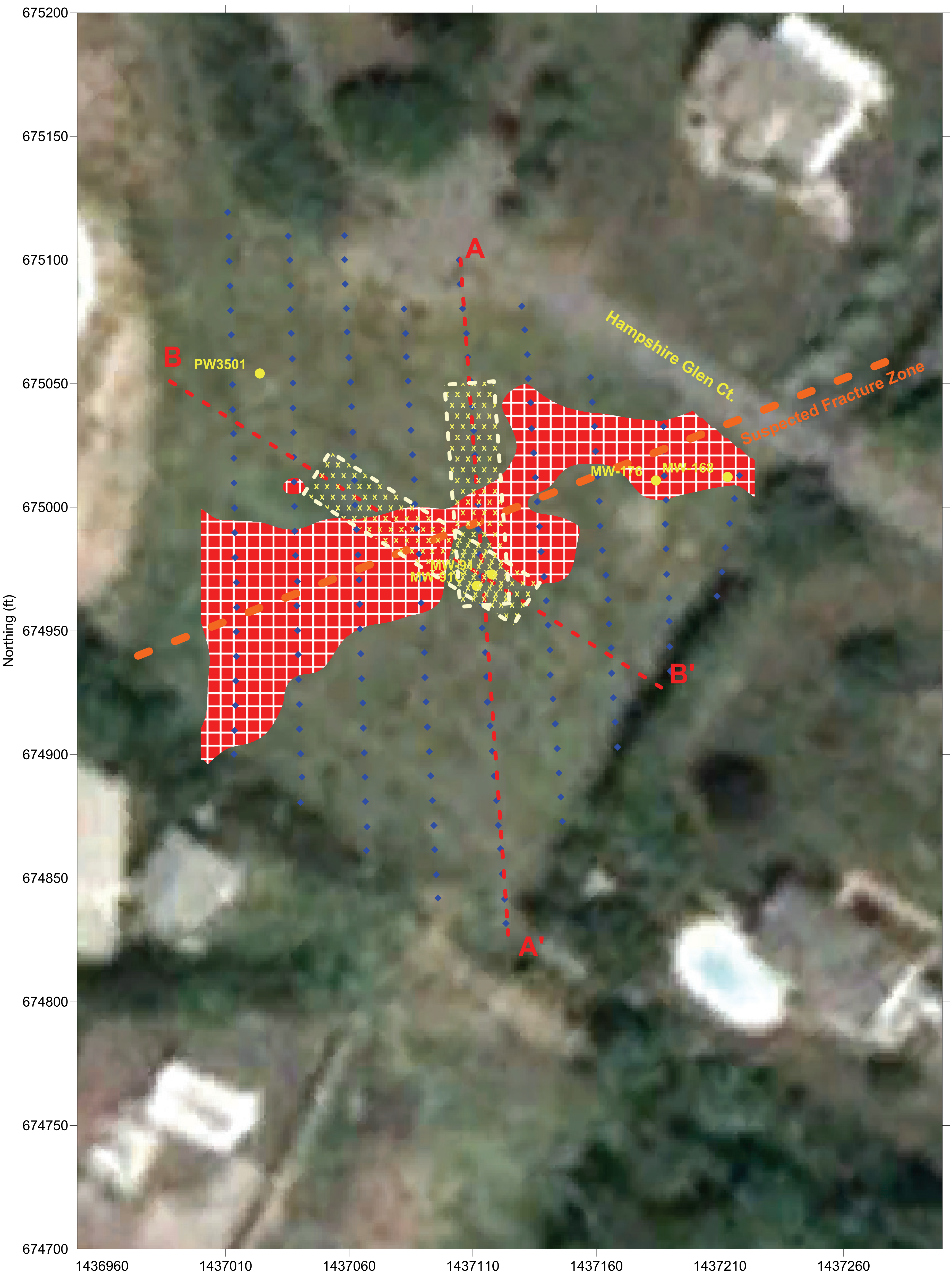


Notes:

Resistivity data collected with AGI Super Sting R8 56-electrode system.

Inversion from EarthImager2D by AGI.

Prepared by:	Title:	Project Location:		Figure
Enviroscan, Inc. 1051 Columbia Ave. Lancaster PA 17603 717-396-8922 www.enviroscan.com ENVIROSCAN, INC.	Electrical Imaging Results	3501 Hampshire Glen Court Phoenix, MD		3
		Project Number: 051001	Revision/Issue: Rev. 08/11/10	
		Original Scale: see drawing	Survey Ending Date: 05/26/10	Drawn by: CHR / Approved by: FKB



Microgravity Low

Resistivity Low

Scale (ft)

0 20 40 60 80

N

Notes:

Coordinates in Maryland State Plane Grid, NAD-83 datum.

Basemap from DGPS survey by Enviroscan, Inc. and Google Earth image.

Gravity data from Scintrex CG-3M Autograv meter.

Resistivity data collected with AGI Super Sting R8 56-electrode system.

Prepared by:	Title:	Project Location:		Figure
ENVIROSCAN, INC. **Enviroscan, Inc.** 1051 Columbia Ave. Lancaster PA 17603 717-396-8922 www.enviroscan.com	**Geophysical Survey Results**	**3501 Hampshire Glen Court Phoenix, MD**		4
		Project Number: 051001	Revision/Issue: Rev. 08/16/10	
		Original Scale: 1" = 40'	Survey Ending Date: 05/26/10	Drawn by: CHR / Approved by: FKB

Appendix A

Introduction to Electrical Imaging

1051 Columbia Avenue ● Lancaster, PA 17603 ● 717.396.8922 ● Fax 717.396.8746 ● email@enviroscan.com ● www.enviroscan.com

Introduction to Electrical Imaging

by

Timothy D. Bechtel, Ph.D., P.G.

Energy

Electrical currents injected into the subsurface between electrodes pushed into the ground surface or non-intrusive, protected capacitors.

Sensitivity

Detects changes in electrical resistivity (the inverse of conductivity).

Basic Equipment

Either (traditional "steel spike electrode" method):

Steel spike electrodes (called current electrodes) connected by wires to a current source (to inject current), and steel spike electrodes (called voltage electrodes) connected to a microvolt meter (to measure the surficial distribution of electrical potentials). Note that current and voltage electrodes differ only by that to which they are connected (i.e. current source or microvolt meter, respectively.) Modern systems use arrays of electrodes (connected to multi-channel cables and an automated electrode-switching/recording system) to take measurements from electrodes at different locations and spacings (which adjusts the survey depth and resolution). Electrodes are hand-pushed into the ground surface along desired survey profiles.

Or (innovative "capacitively-coupled electrode" method):

Straight-wire capacitors which are capable of driving subsurface electrical currents and measuring surface potentials. The wire lengths and the distance between wires can be varied to adjust the survey depth and resolution. Capacitors are encased in torpedo-like protectors between the wire lengths, and the entire array (similar to a swimming rope with flotation buoys) is hand- or vehicle-towed along desired survey profiles.

Common Applications

Electrical imaging produces color-contour cross sections (commonly called electrical images) of subsurface electrical resistivity variations. These images can depict a target that has a different electrical resistivity from its surroundings, such as: buried wastes (pits, trenches, etc.); conductive groundwater plumes; resistive hydrocarbon plumes; foundation elements; water-bearing or mineralized faults or fractures; clay seams in bedrock; soil moisture anomalies; soil voids; clay layers bounded by sand or sand lenses bounded by clay; the top of competent (non-water-bearing) rock.

Principles

Electrical imaging can be performed by driving a harmless, very low amperage (e.g. 1 milliamp) DC electrical current in the ground between two steel spike electrodes. The depth to which the current flows is dictated by the separation of the two electrodes, and by the resistivity of subsurface materials. The flow of electrical current is mapped by measuring the electrical potential at various points of the ground surface using a very high impedance microvolt meter. Data suitable for determining a cross-sectional electrical image can be collected by taking many voltage readings with differing current electrode separations (i.e. different effective measurement depths) using different current electrode positions and voltage electrode positions (i.e. different locations along a profile). A two-dimensional image or cross-section is produced by employing electrodes in a linear array. Three-dimensional images (or color-contoured blocks of data) can be calculated using multiple linear arrays or grids of electrodes. The field-measured voltages, together with associated electrode positions, are mathematically inverted to provide the statistically best-fitting model of the subsurface resistivity distribution.

Electrical imaging can also be performed using straight-wire capacitors to drive currents and measure voltages. In this case, the length of the transmitter wire and the separation between the transmitter and receiver wires dictate the effective survey depth. Two- or three-dimensional data is collected by varying the lengths and separations of the transmitter and receiver capacitor wires for a given survey profile (i.e. the same profile is traversed several times using different wire lengths and separations).

Capabilities

Electrical imaging can detect and delineate a target that has a different electrical resistivity from its surroundings. Particularly good targets for electrical imaging include: electrically conductive clay seams, and water-bearing or mineralized faults or fractures in resistive bedrock; electrically resistive hydrocarbon plumes in moist electrically conductive soils; highly conductive electrolytic groundwater plumes (e.g. leachate or saltwater intrusion); highly conductive or resistive wastes buried in "normal" soils; soil moisture anomalies (e.g. dam seepage or incipient sinkholes).

Where site conditions allow, capacitively-coupled electrode systems can collect greater quantities of data in a given time (or at a given cost) than the traditional steel spike systems. The capacitive systems can also be used on asphalt pavement (where steel spike systems would require drilling many electrode holes).

Limitations

Electrical resistivities of differing materials have wide and overlapping ranges, making it impossible to positively identify a subsurface material based on its resistivity alone. For instance, profiling of the top-of-rock can be done by electrical imaging, but it is often difficult to specify exactly what resistivity contour corresponds with the top of rock (particularly where there is a weathering or saprolite zone). Since electrical resistivity (unlike seismic velocity) does not correlate with rippability or density, it is not typically the method of choice for rock profiling.

Based largely on a single well-publicized incident, electrical imaging has been promoted (by others) as a method for detecting bedrock cavities. However, since an air-filled cavity and competent rock are both electrical resistors, many cavities are not detectable using electrical methods (in this case, gravity would be the method of choice since air and competent rock have very different densities).

Electrical imaging data is susceptible to interference from underground utilities that capture and channel the subsurface current flow. This can be minimized in two-dimensional surveys by orienting the trace of an image perpendicular to any existing utilities.

Capacitively-coupled electrode systems suffer loss of signal penetration depth in highly conductive terranes. In addition, they are difficult to use in rugged or brushy terrain.

Survey depths using steel spike electrode systems can be limited by high contact resistances between the spikes and highly resistive surficial material.

References

Cleaves, E.T., Edwards, Jr., J., and Glaser, J.D. (1968), Geologic Map of Maryland, Maryland Geologic Survey.

Telford, W.M., Geldart, L.P., and Sheriff, R.E. (1990), Applied Geophysics, Cambridge University Press.

APPENDIX F
Tomography Report

ENVIROSCAN, INC.

Final Report
3-D Electrical Tomography Survey
Exxon Mobil Facility #28077
Phoenix, MD
Enviroscan Reference Number 061001b

Prepared for: Kleinfelder
Prepared By: Enviroscan, Inc.
August 1, 2011

MARINE SEARCH AND SURVEY
MARINE GEOPHYSICS
a division of ENVIROSCAN, INC.

MID-ATLANTIC GEOSCIENCES
BOREHOLE GEOPHYSICAL LOGGING
a division of ENVIROSCAN, INC.

1051 Columbia Avenue ● Lancaster, PA 17603 ● 717.396.8922 ● Fax 717.396.8746 ● email@enviroscan.com ● www.enviroscan.com

ENVIROSCAN, INC.

August 1, 2011

Jeff Hale
Kleinfelder
260 Executive Drive
Suite 500
Cranberry Township, PA 16066

RE: 3-D Electrical Tomography Survey
Exxon Mobil Facility #28077
Phoenix, MD
Enviroscan Reference Number 061001b

Dear Mr. Hale:

Pursuant to our proposal dated January 17, 2011, Enviroscan, Inc. (Enviroscan) has completed a geophysical investigation at the above-referenced site. The purpose of this investigation was to evaluate subsurface hydrogeologic conditions. The methods and results of the survey are detailed below.

Site Description

The site is a vacant parcel of land at 3501 Hampshire Glen Court in Phoenix, MD (see Figure 1). According to the Geologic Map of Maryland (Cleaves, 1968), the site is underlain by the Precambrian-aged (?) Wissahickon Formation Lower Pelitic Schist (wlps). This is a medium- to coarse-grained biotite-oligoclase-muscovite-quartz schist (Ibid.).

Survey Methods

In order to evaluate subsurface hydrogeologic conditions, Enviroscan performed 3-D electrical tomographic imaging. This type of survey involves driving an electrical current in the ground using two current electrodes that may be both at the ground surface, both in a borehole, or one of each. The apparent resistivity of the subsurface is determined by measuring the potential difference or voltage between two potential electrodes with a known separation and position/orientation relative to the current electrodes. These electrodes may also be surficial, downhole, or mixed. These field or apparent resistivities can be jointly inverted to provide a 3-D tomographic mapping of the vertical and lateral variations in resistivity beneath the site. The principles of simple 2-D electrical imaging are described in the accompanying Introduction to Electrical Imaging (Appendix A), and also apply to this survey.

For this survey, a Sting R8/IP resistivity meter and Swift automated electrode switching system were used to collect apparent resistivity readings along an roughly orthogonal set of profiles (see Figure 1) connecting the deep wells on the site. Along each profile, electrodes were spaced on the ground surface at 1.5-meter intervals. Where profiles crossed wellheads, downhole electrodes at 1-meter intervals were set starting at 10 meters below the bottom of casing (to avoid interference from the steel). Apparent resistivity readings were collected using four-electrodes at a time using surface, down hole, and mixed arrays. The locations and elevations of electrodes and wells measured relative to the wellheads using a local site grid oriented to provide roughly orthogonal or gridded coordinates. This greatly reduces the time and computer power required to process the data.

In post-field processing, the apparent resistivities were mathematically inverted using EarthImager by Advanced Geosciences, Inc., and compiled into 3-D block models of true resistivity using Rockworks. Figure 2 presents the models as color contour fence diagrams. On the figure, the locations and depth extents of wells are superimposed on the block model, and the lithology (from boring logs by others) in two wells that encountered gneiss are coded and labeled. Finally, the previous microgravity mapping (Enviroscan report 051001) is floated above the block model. The color scale presented on Figure 2 ranges from magenta (low resistivity [high electrical conductivity]) to red [(high resistivity [low electrical conductivity]).

Survey Results

The resistivity model reveals a conductive zone that generally coincides with the gneiss. The bottom of the anomaly appears to dip towards the northwest. Note that the well locations and labels on the 3-D perspective views can be used to facilitate orientation relative to the North arrow on Figure 1.

Mr. Hale
August 1, 2011
Page 3

Limitations

The geophysical survey described above was completed using standard and/or routinely accepted practices of the geophysical industry and equipment representing the best available technology. Enviroscan does not accept responsibility for survey limitations due to inherent technological limitations or unforeseen site-specific conditions. However, we make every effort to identify and notify the client of such limitations or conditions.

We have enjoyed and appreciated the opportunity to work with you. If you have any questions, please do not hesitate to contact the undersigned.

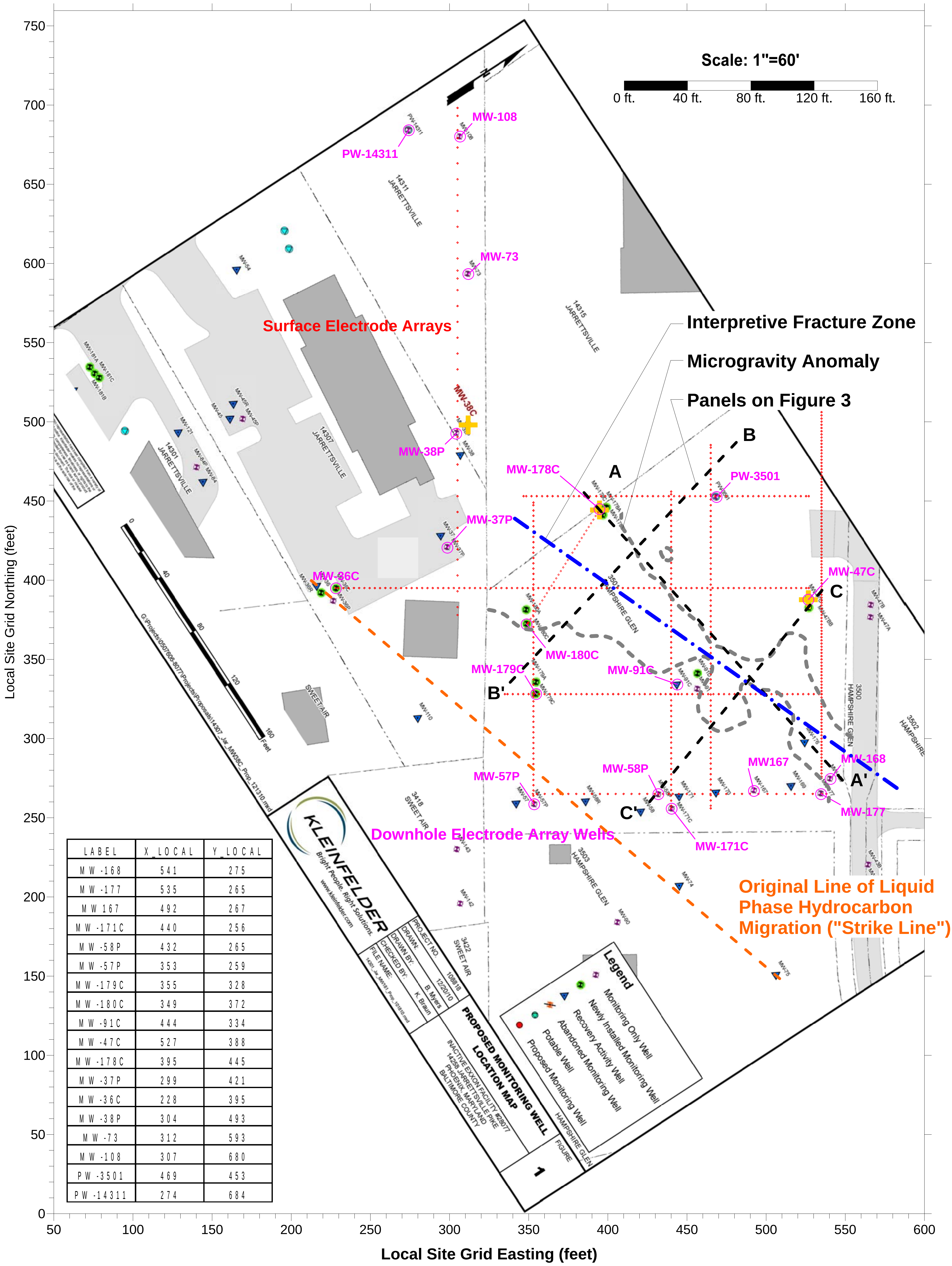
Sincerely,
Enviroscan, Inc.

Timothy D. Bechtel, Ph.D., P.G.
Principal Geophysicist

Technical Review By:
Enviroscan, Inc.

Felicia Kegel Bechtel, M.Sc., P.G.
President

enc.: Figure 1: Electrical Tomography Data Coverage
Figure 2: Electrical Tomography 3-D Model Cross-Section
Appendix A: Introduction to Electrical Imaging



LABEL	X_LOCAL	Y_LOCAL
MW-168	541	275
MW-177	535	265
MW167	492	267
MW-171C	440	256
MW-58P	432	265
MW-57P	353	259
MW-179C	355	328
MW-180C	349	372
MW-91C	444	334
MW-47C	527	388
MW-178C	395	445
MW-37P	299	421
MW-36C	228	395
MW-38P	304	493
MW-73	312	593
MW-108	307	680
PW-3501	469	453
PW-14311	274	684

Notes:

Base map provided by Kleinfelder.

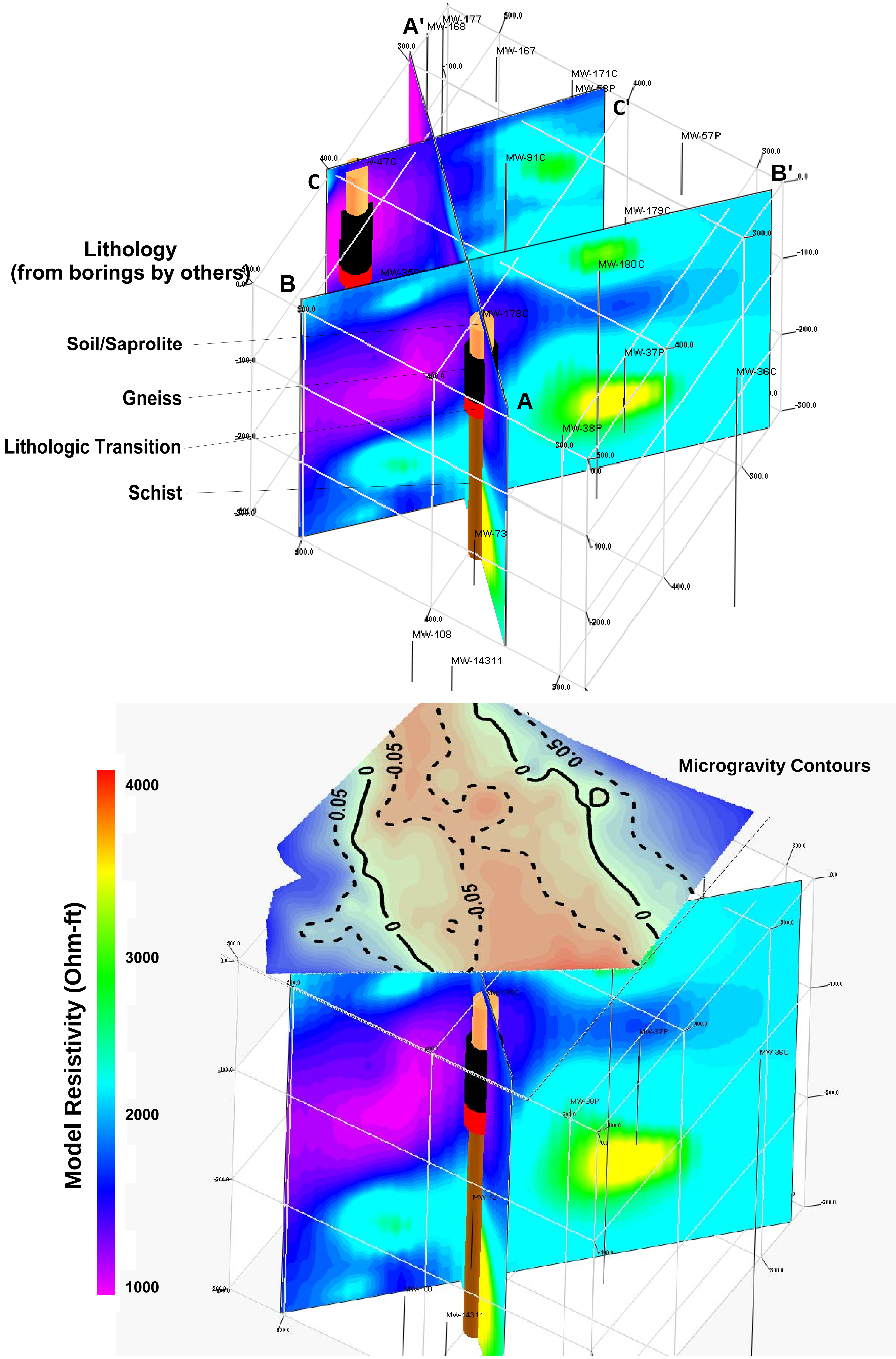
See Figure 2 for cross-sections A-A', B-B', and C-C'.

See Figure 2, and previous Enviroscan report for Microgravity data.

On the line from MW-178C to MW-180C, every fifth station shown for clarity.

Gneiss/schist contact in MW-38C, MW-47C, and MW-178C (see thick gold crosses on map ✚).

Prepared by:	Title:	Project Location:		Figure
Enviroscan, Inc. 1051 Columbia Ave. Lancaster PA 17603 717-396-8922 www.envrioscan.com	Electrical Tomography Data Coverage	Exxon Mobil Facility #28077 Phoenix, MD		1
		Project Number 061001b	Revision/Issue 08/01/2011	
		Original Scale 1" = 60"	Survey Ending Date 02/21/2011	Drawn by: TDB / Approved by: FKB



Notes:

Field data from AGI Sting R8 and
Swift using surface and downhole electrodes.

Resistivity model from EarthImager.

3-D Model perspective views from Rockworks.

Prepared by:	Title:	Project Location:	Figure
Enviroscan, Inc. 1051 Columbia Ave. Lancaster PA 17603 717-396-8922 www.envrioscan.com	Electrical Tomography 3-D Model Cross-Sections	Exxon Mobil Facility #28077 Phoenix, MD	2
		Project Number: 061001b	Revision/Issue: 08/01/2011
		Original Scale: 1" = 60"	Survey Ending Date: 02/21/2011
		Drawn by: TDB	Approved by: FKB

Appendix A

Introduction to Electrical Imaging

ENVIROSCAN, INC.

Introduction to Electrical Imaging

by

Timothy D. Bechtel, Ph.D., P.G.

Energy

Electrical currents injected into the subsurface between electrodes pushed into the ground surface or non-intrusive, protected capacitors.

Sensitivity

Detects changes in electrical resistivity (the inverse of conductivity).

Basic Equipment

Either (traditional "steel spike electrode" method):

Steel spike electrodes (called current electrodes) connected by wires to a current source (to inject current), and steel spike electrodes (called voltage electrodes) connected to a microvolt meter (to measure the surficial distribution of electrical potentials). Note that current and voltage electrodes differ only by that to which they are connected (i.e. current source or microvolt meter, respectively.) Modern systems use arrays of electrodes (connected to multi-channel cables and an automated electrode-switching/recording system) to take measurements from electrodes at different locations and spacings (which adjusts the survey depth and resolution). Electrodes are hand-pushed into the ground surface along desired survey profiles.

Or (innovative "capacitively-coupled electrode" method):

Straight-wire capacitors which are capable of driving subsurface electrical currents and measuring surface potentials. The wire lengths and the distance between wires can be varied to adjust the survey depth and resolution. Capacitors are encased in torpedo-like protectors between the wire lengths, and the entire array (similar to a swimming rope with flotation buoys) is hand- or vehicle-towed along desired survey profiles.

Common Applications

Electrical imaging produces color-contour cross sections (commonly called electrical images) of subsurface electrical resistivity variations. These images can depict a target that has a different electrical resistivity from its surroundings, such as: buried wastes (pits, trenches, etc.); conductive groundwater plumes; resistive hydrocarbon plumes; foundation elements; water-bearing or mineralized faults or fractures; clay seams in bedrock; soil moisture anomalies; soil voids; clay layers bounded by sand or sand lenses bounded by clay; the top of competent (non-water-bearing) rock.

Principles

Electrical imaging can be performed by driving a harmless, very low amperage (e.g. 1 milliamp) DC electrical current in the ground between two steel spike electrodes. The depth to which the current flows is dictated by the separation of the two electrodes, and by the resistivity of subsurface materials. The flow of electrical current is mapped by measuring the electrical potential at various points of the ground surface using a very high impedance microvolt meter. Data suitable for determining a cross-sectional electrical image can be collected by taking many voltage readings with differing current electrode separations (i.e. different effective measurement depths) using different current electrode positions and voltage electrode positions (i.e. different locations along a profile). A two-dimensional image or cross-section is produced by employing electrodes in a linear array. Three-dimensional images (or color-contoured blocks of data) can be calculated using multiple linear arrays or grids of electrodes. The field-measured voltages, together with associated electrode positions, are mathematically inverted to provide the statistically best-fitting model of the subsurface resistivity distribution.

Electrical imaging can also be performed using straight-wire capacitors to drive currents and measure voltages. In this case, the length of the transmitter wire and the separation between the transmitter and receiver wires dictate the effective survey depth. Two- or three-dimensional data is collected by varying the lengths and separations of the transmitter and receiver capacitor wires for a given survey profile (i.e. the same profile is traversed several times using different wire lengths and separations).

Capabilities

Electrical imaging can detect and delineate a target that has a different electrical resistivity from its surroundings. Particularly good targets for electrical imaging include: electrically conductive clay seams, and water-bearing or mineralized faults or fractures in resistive bedrock; electrically resistive hydrocarbon plumes in moist electrically conductive soils; highly conductive electrolytic groundwater plumes (e.g. leachate or saltwater intrusion); highly conductive or resistive wastes buried in "normal" soils; soil moisture anomalies (e.g. dam seepage or incipient sinkholes).

Where site conditions allow, capacitively-coupled electrode systems can collect greater quantities of data in a given time (or at a given cost) than the traditional steel spike systems. The capacitive systems can also be used on asphalt pavement (where steel spike systems would require drilling many electrode holes).

Limitations

Electrical resistivities of differing materials have wide and overlapping ranges, making it impossible to positively identify a subsurface material based on its resistivity alone. For instance, profiling of the top-of-rock can be done by electrical imaging, but it is often difficult to specify exactly what resistivity contour corresponds with the top of rock (particularly where there is a weathering or saprolite zone). Since electrical resistivity (unlike seismic velocity) does not correlate with rippability or density, it is not typically the method of choice for rock profiling.

Based largely on a single well-publicized incident, electrical imaging has been promoted (by others) as a method for detecting bedrock cavities. However, since an air-filled cavity and competent rock are both electrical resistors, many cavities are not detectable using electrical methods (in this case, gravity would be the method of choice since air and competent rock have very different densities).

Electrical imaging data is susceptible to interference from underground utilities that capture and channel the subsurface current flow. This can be minimized in two-dimensional surveys by orienting the trace of an image perpendicular to any existing utilities.

Capacitively-coupled electrode systems suffer loss of signal penetration depth in highly conductive terranes. In addition, they are difficult to use in rugged or brushy terrain.

Survey depths using steel spike electrode systems can be limited by high contact resistances between the spikes and highly resistive surficial material.

APPENDIX G
February 24, 2011 Enviroscan Letter

ENVIROSCAN, INC.

February 24, 2011

Kristina Braun
Kleinfelder
1340 Charwood Road
Suite 201
Hanover, MD 21076

RE: Crosshole Seismic Survey
Exxon Mobil Facility #28077
Phoenix, MD
Enviroscan Reference Number 061001b

Dear Ms. Braun:

Pursuant to our proposal, dated January 17, 2011, Enviroscan has attempted to complete the proposed crosshole seismic tomography portion of the survey. Unfortunately, for reasons explained below, the survey was deemed not likely to succeed, and has been terminated. Therefore, our field effort is complete, and any modifications to the well system that were made to accommodate the geophysical work are no longer necessary.

Early in the first day of seismic data collection, Enviroscan's Project Manager recognized poor quality "wiggle trace" data. Since it was an extremely windy day, and recovery well pumps were running underground nearby, Enviroscan terminated the day's work early, and notified Kleinfelder's representative onsite that we would try the next day to collect data in a location removed from the running pumps, and hope for diminished winds.

On the second day, the data quality was still poor, and Enviroscan collected several test data sets with varying parameters such as shot-receiver separation, receiver type (geophone versus hydrophone), and shot position (inside versus below the casing). Enviroscan then demobilized for two field days to analyze these tests and formulate a plan to continue a productive, high-quality survey.

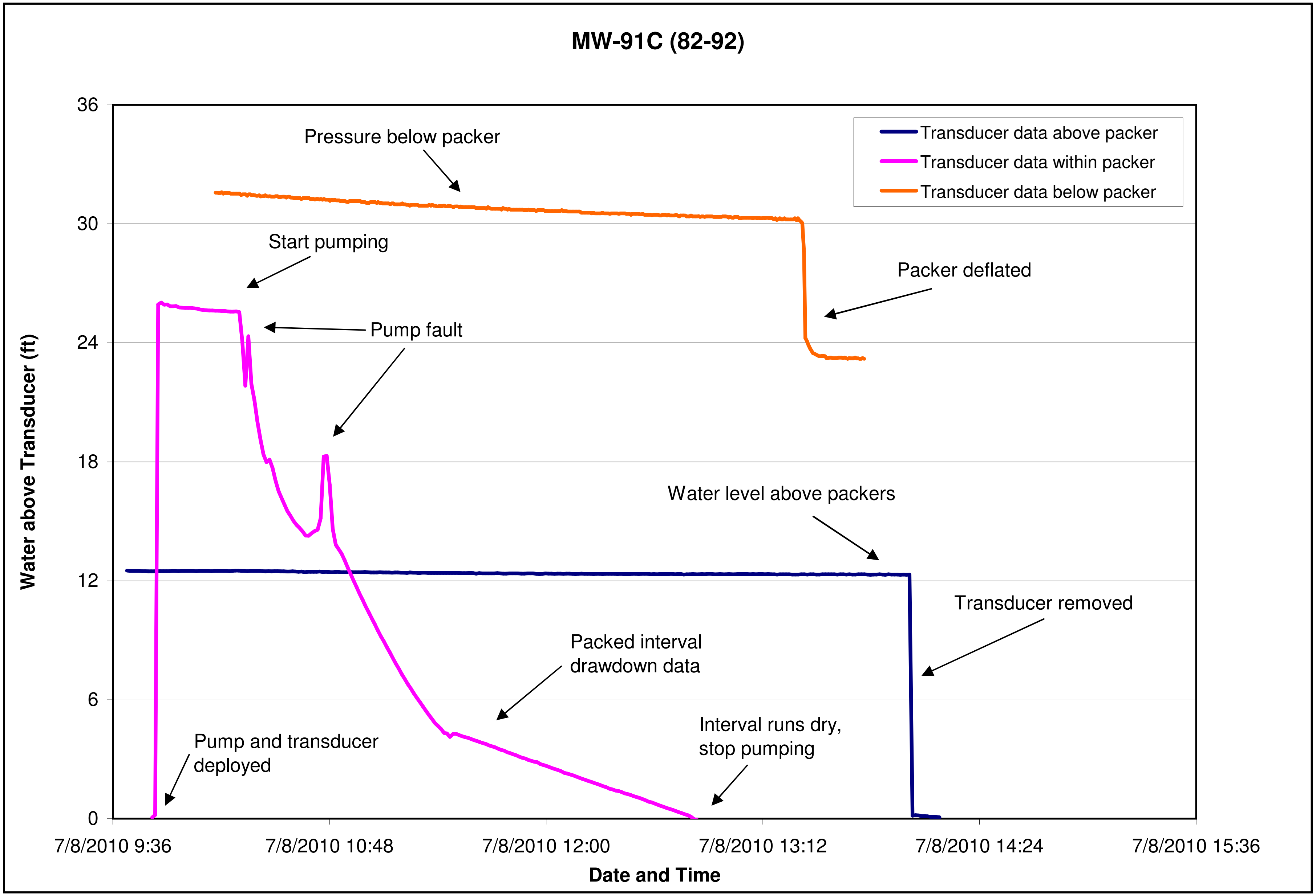
Analysis of the test data suggested that the noise from the active pumps – even without wind noise – severely degraded the ability to precisely time crosshole arrivals to achieve the desired resolution necessary to image fine water-bearing fractures.

We appreciate this opportunity to work with you. If you have any questions, please do not hesitate to contact me.

Sincerely,
Enviroscan, Inc.

Timothy D Bechtel, Ph.D., P.G.
Principal Geophysicist

APPENDIX H
Packer Testing Transducer Data Charts



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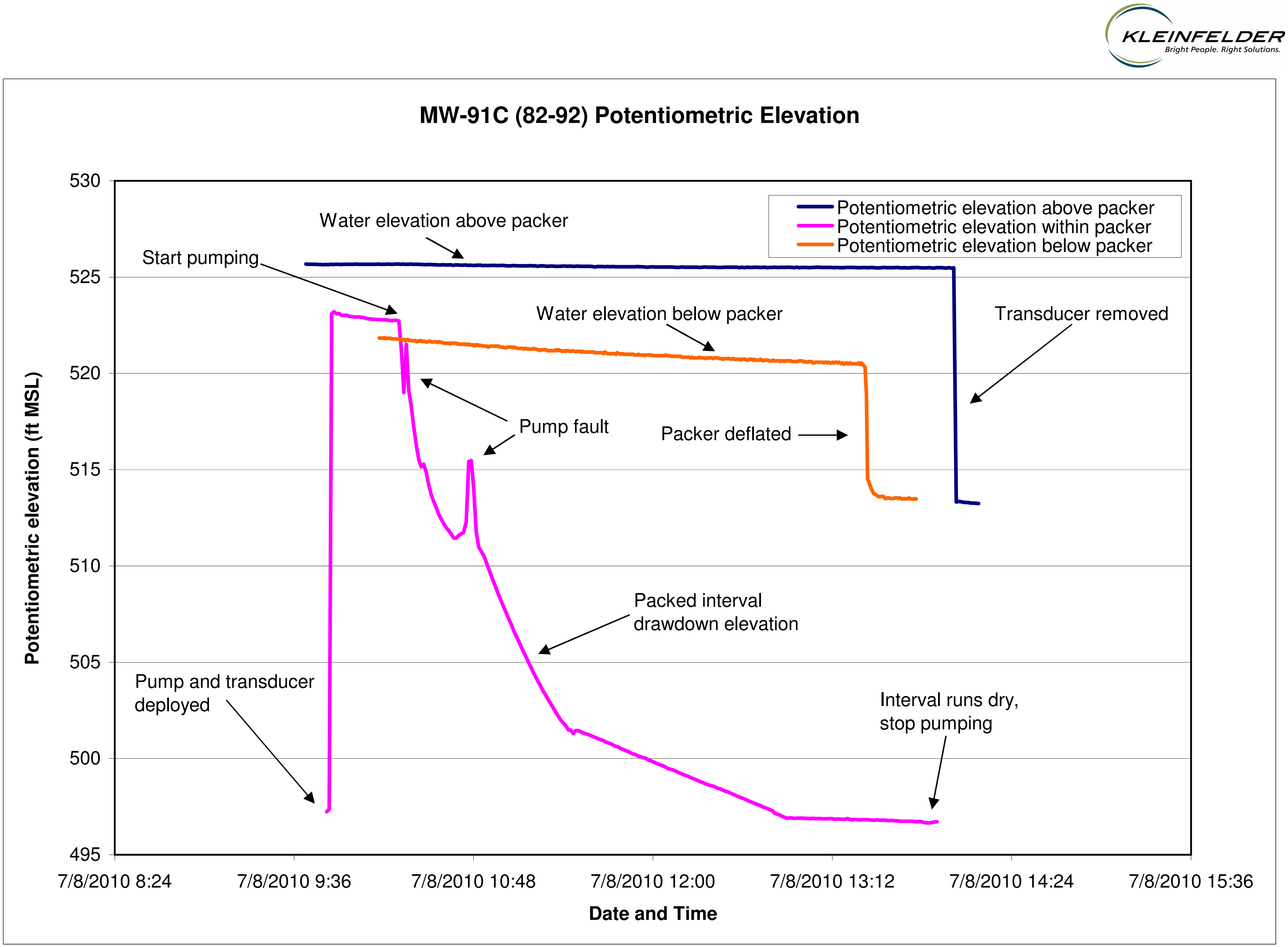

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Hanover, Maryland

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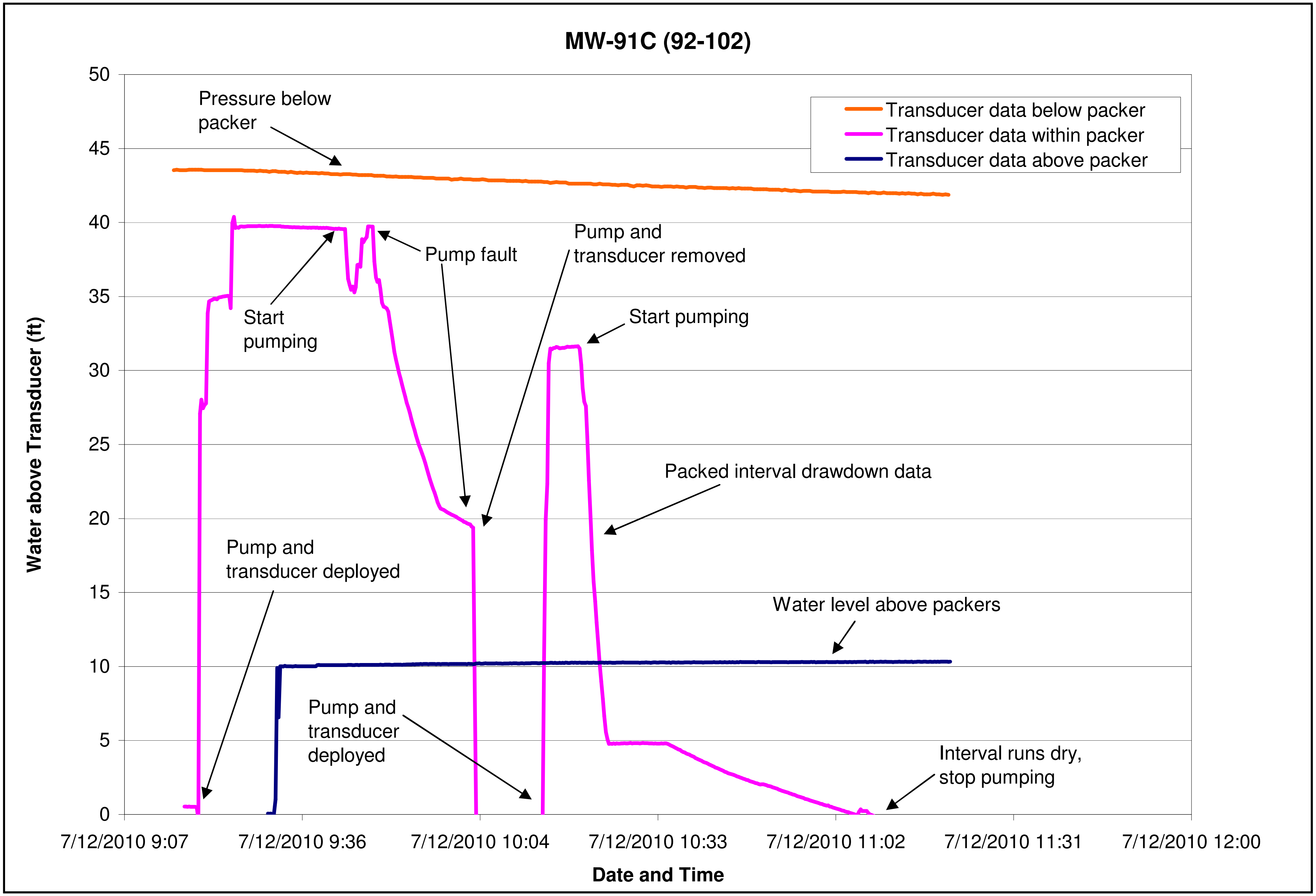

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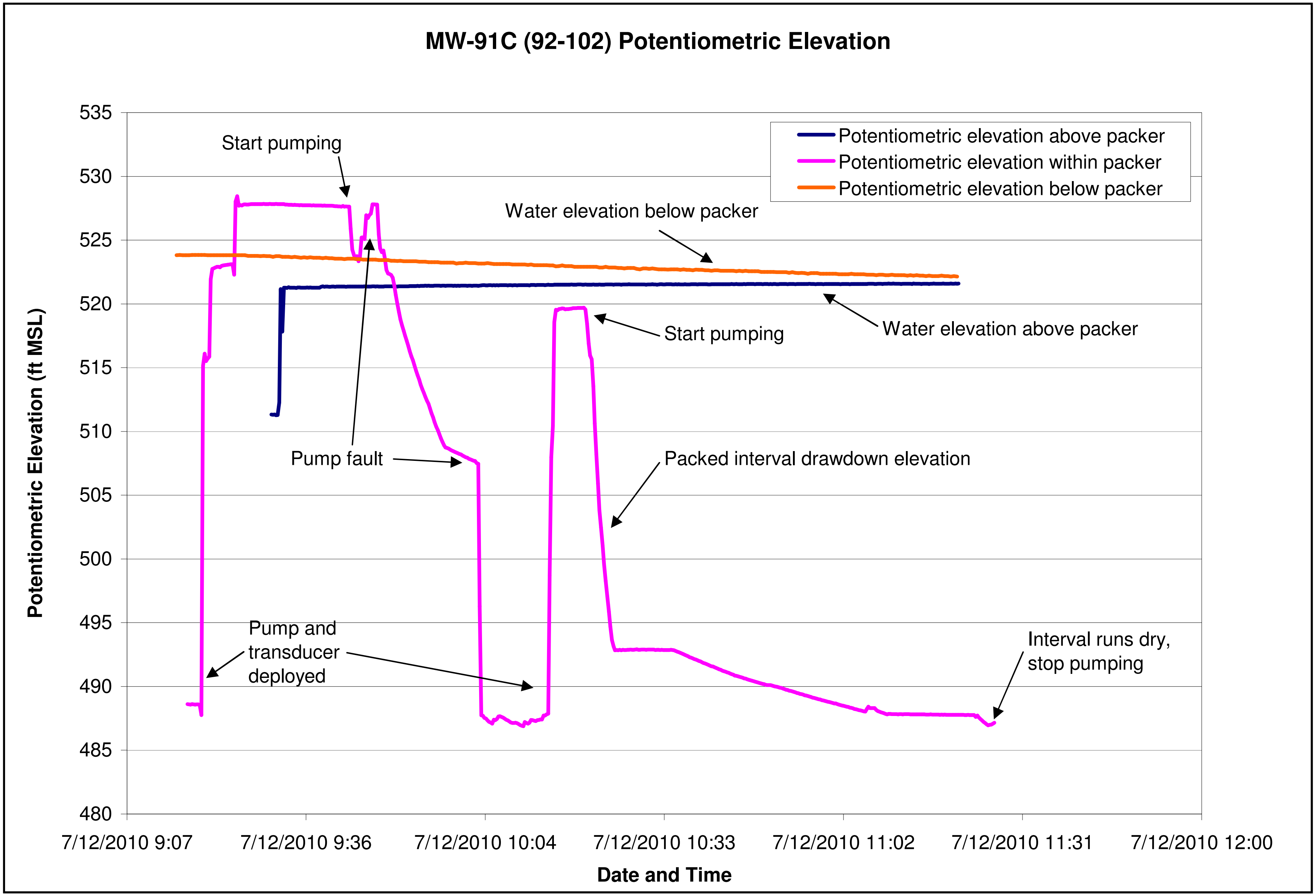

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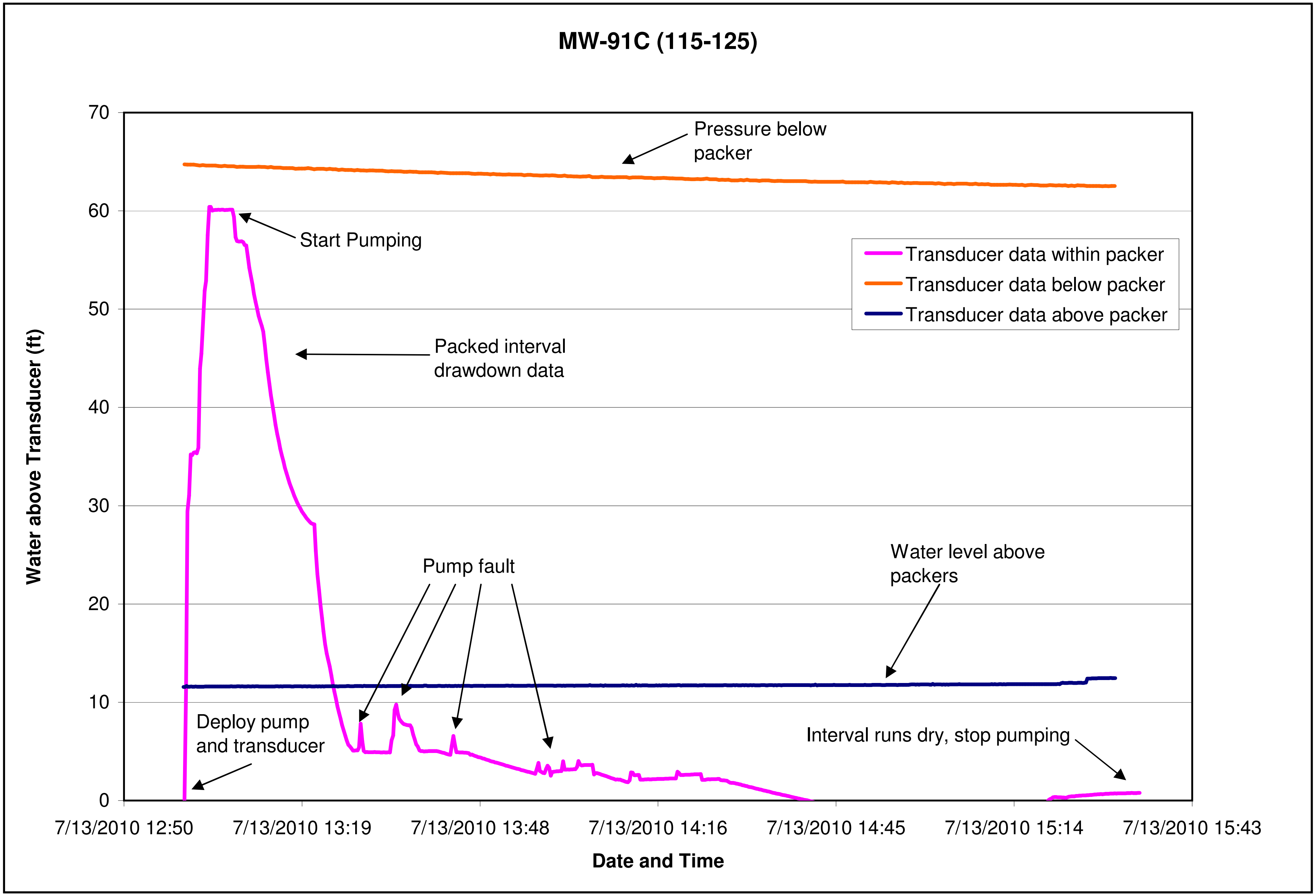

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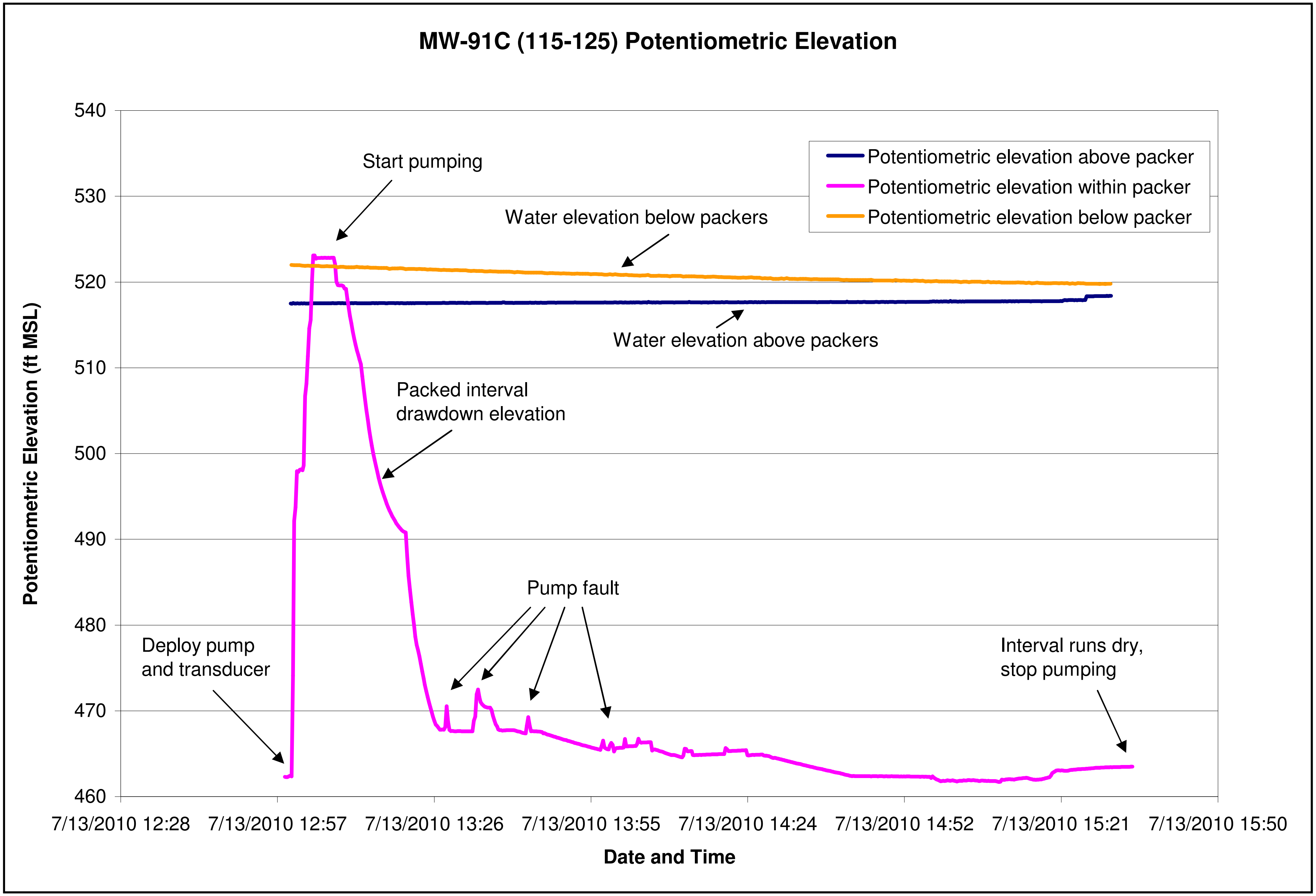

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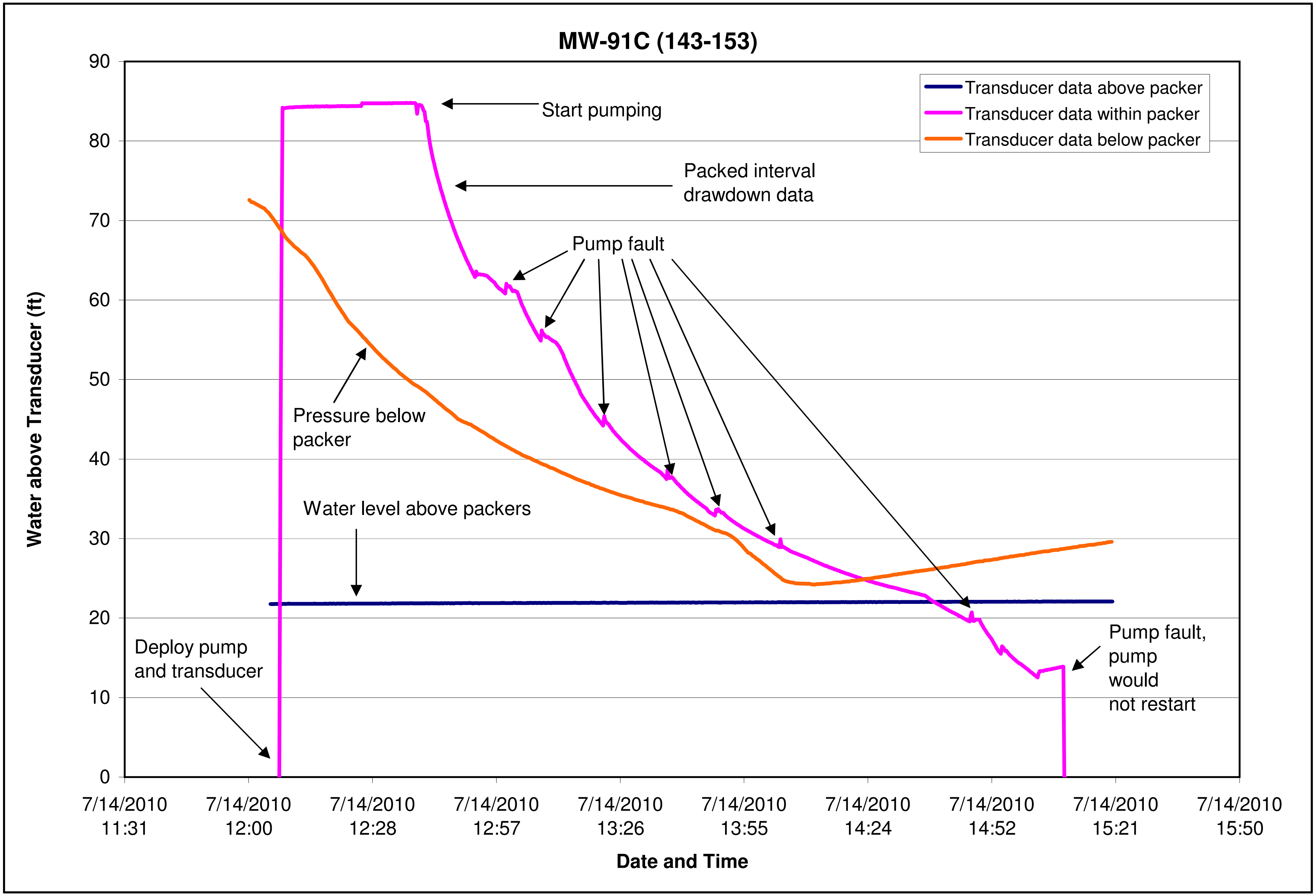

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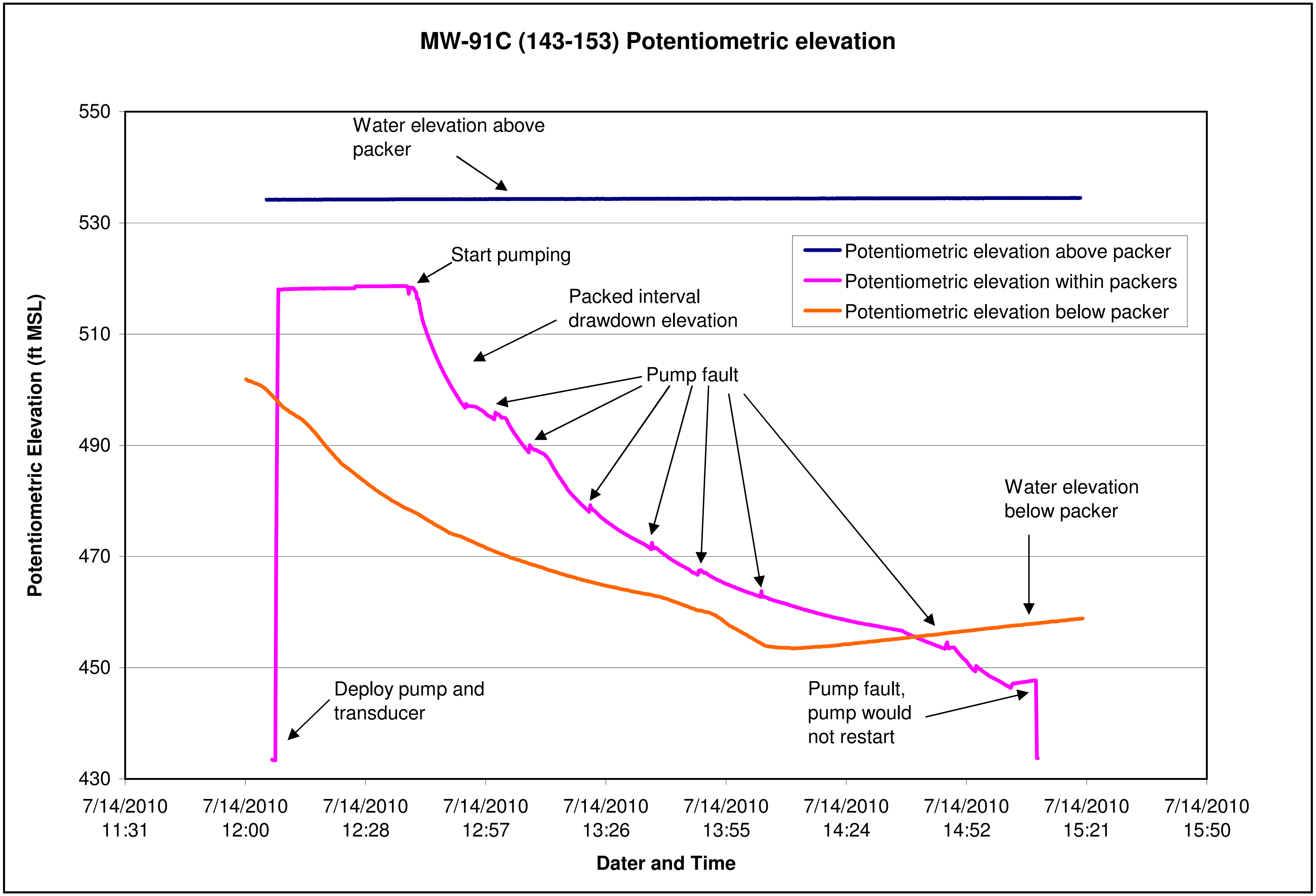

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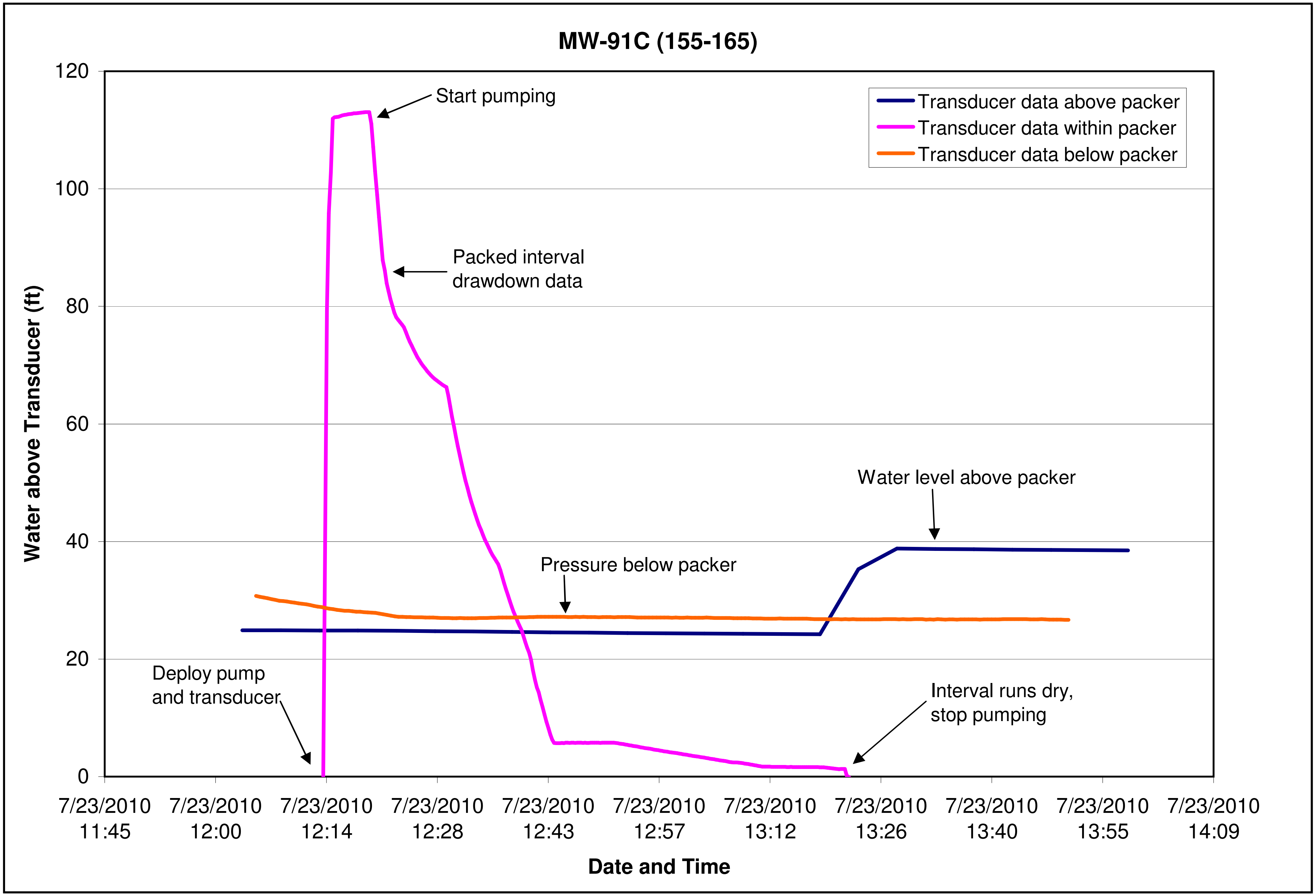

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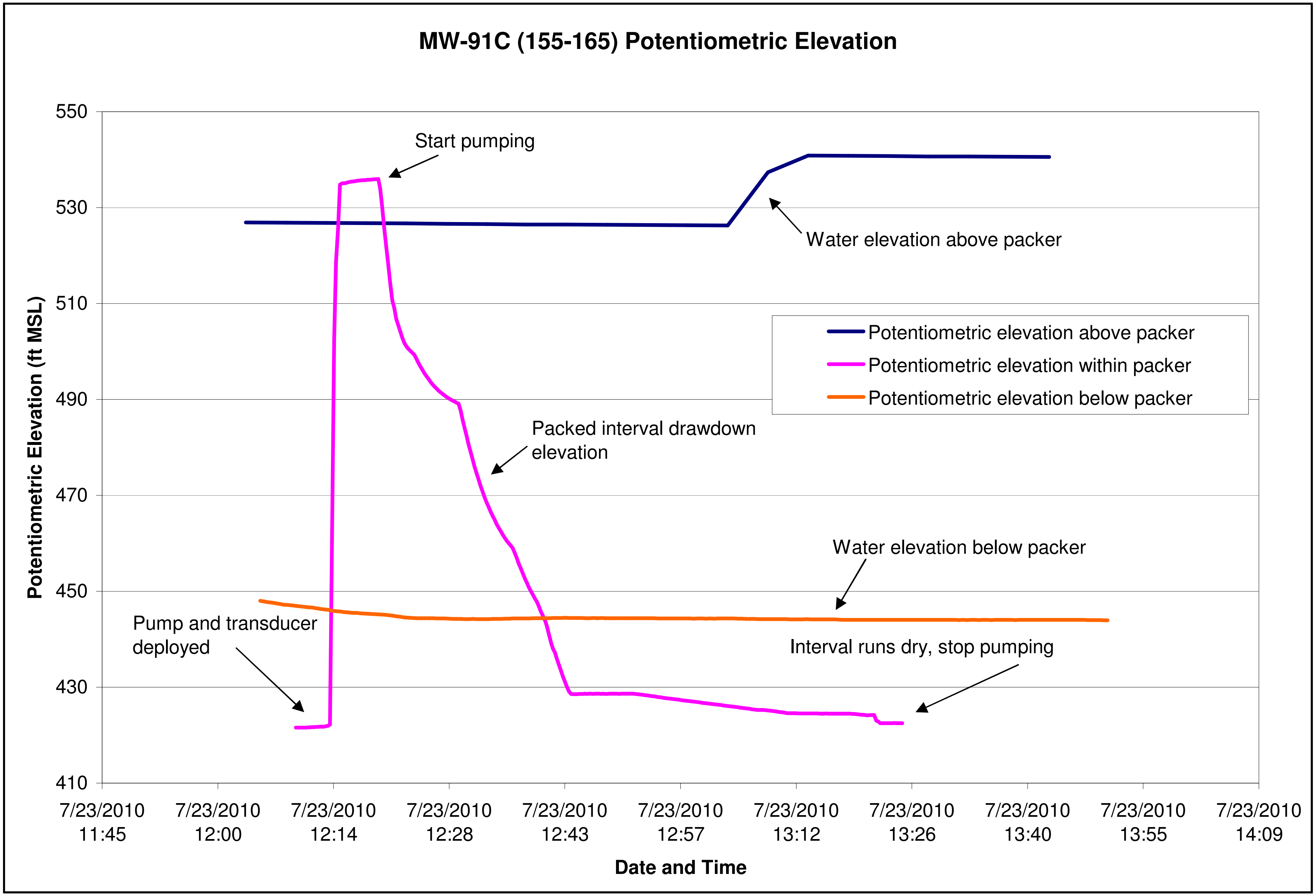

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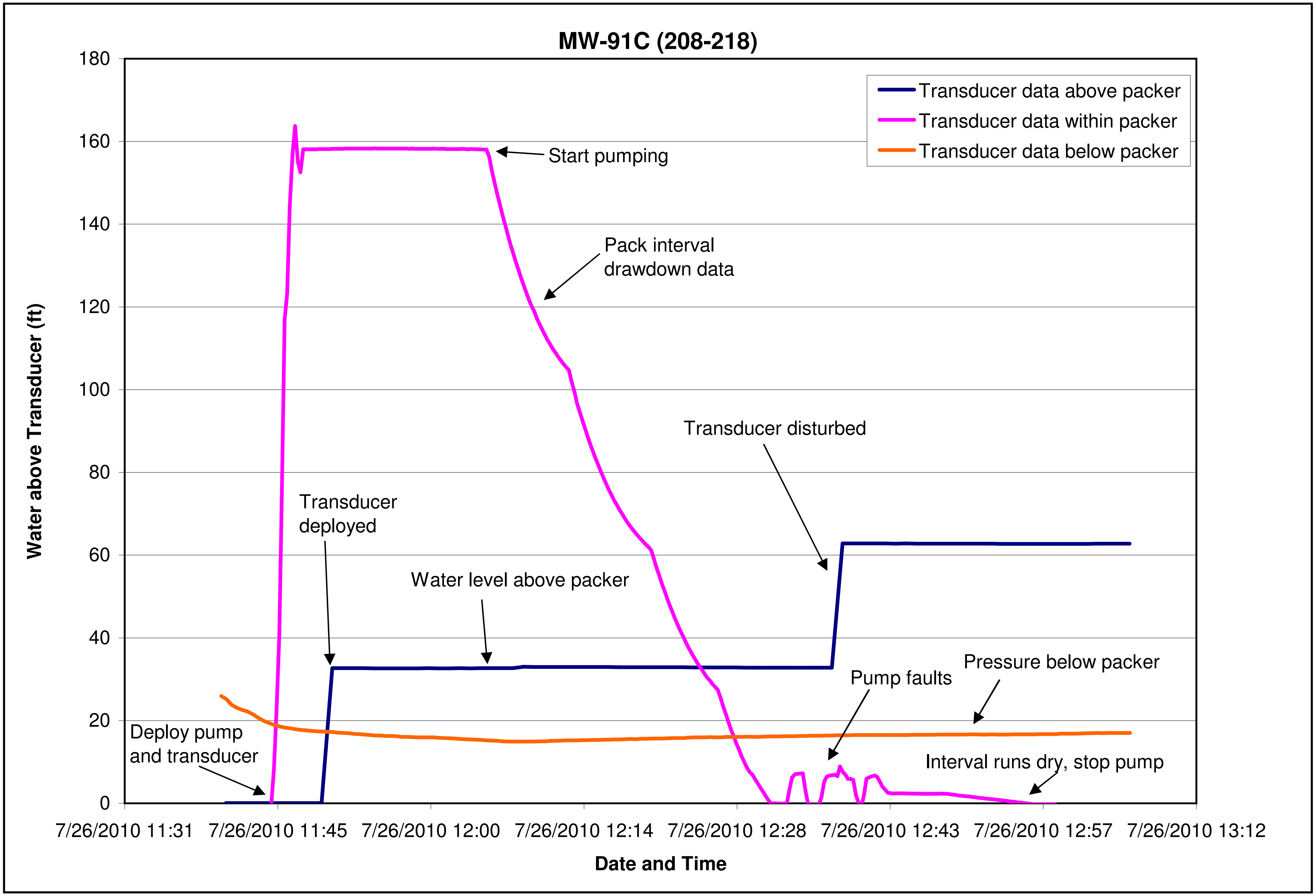

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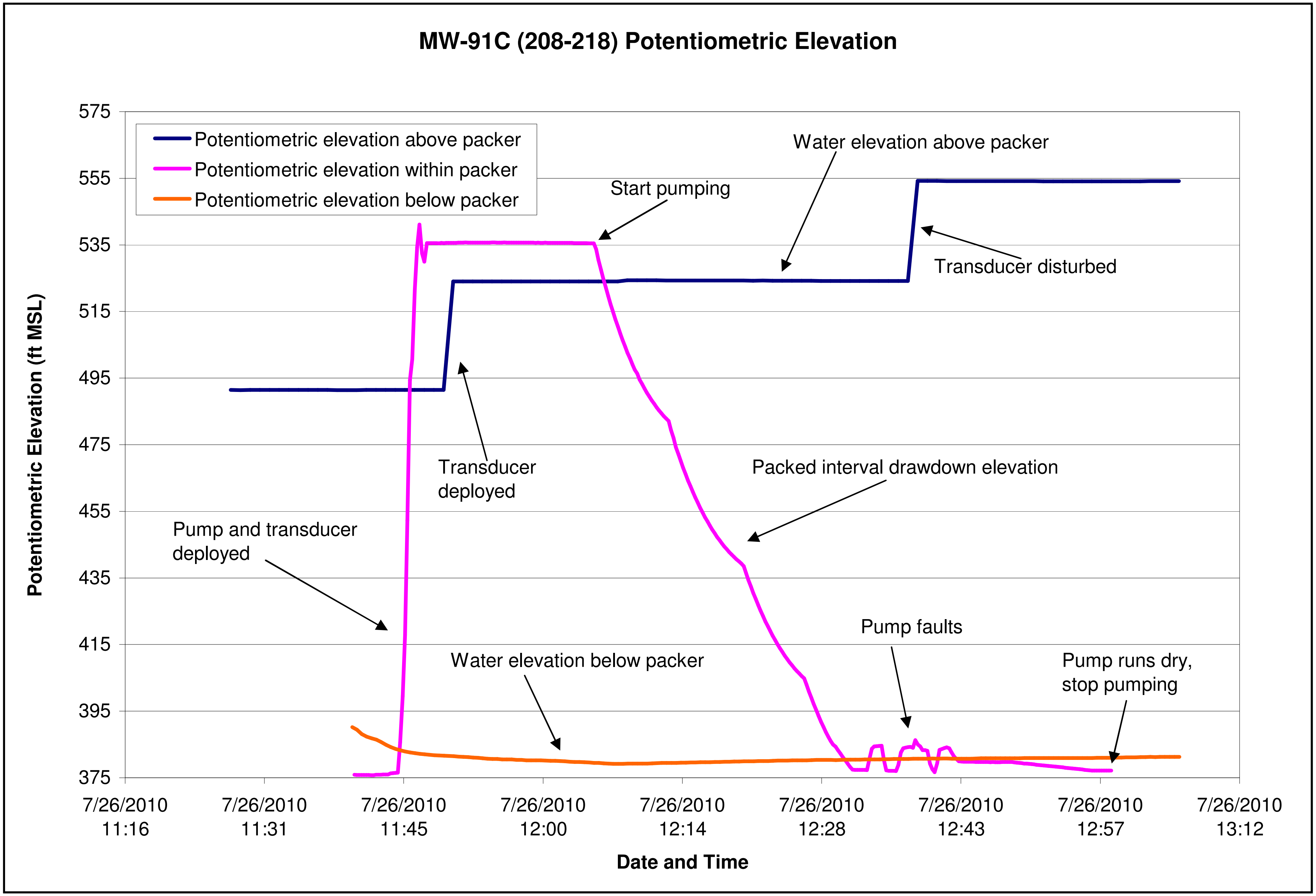

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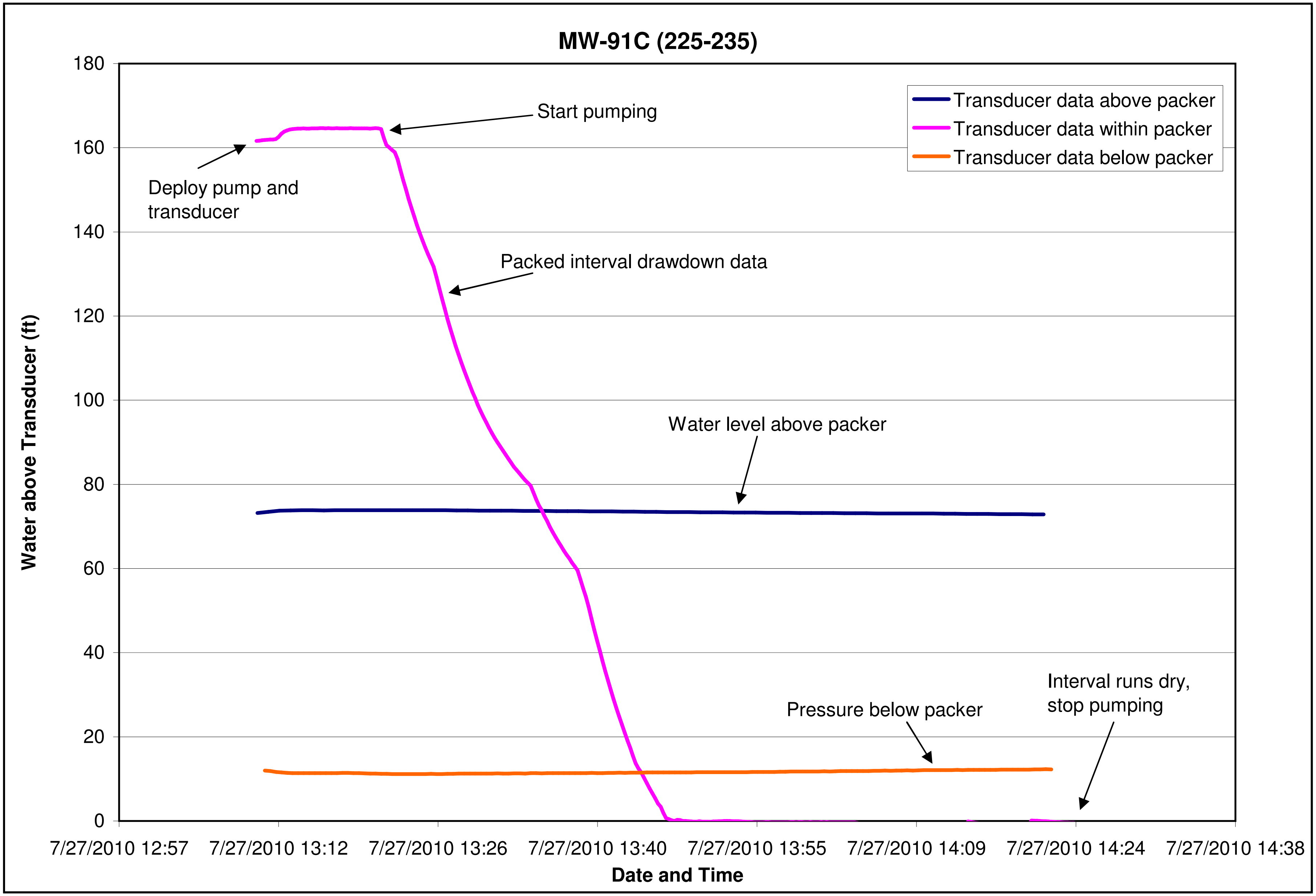

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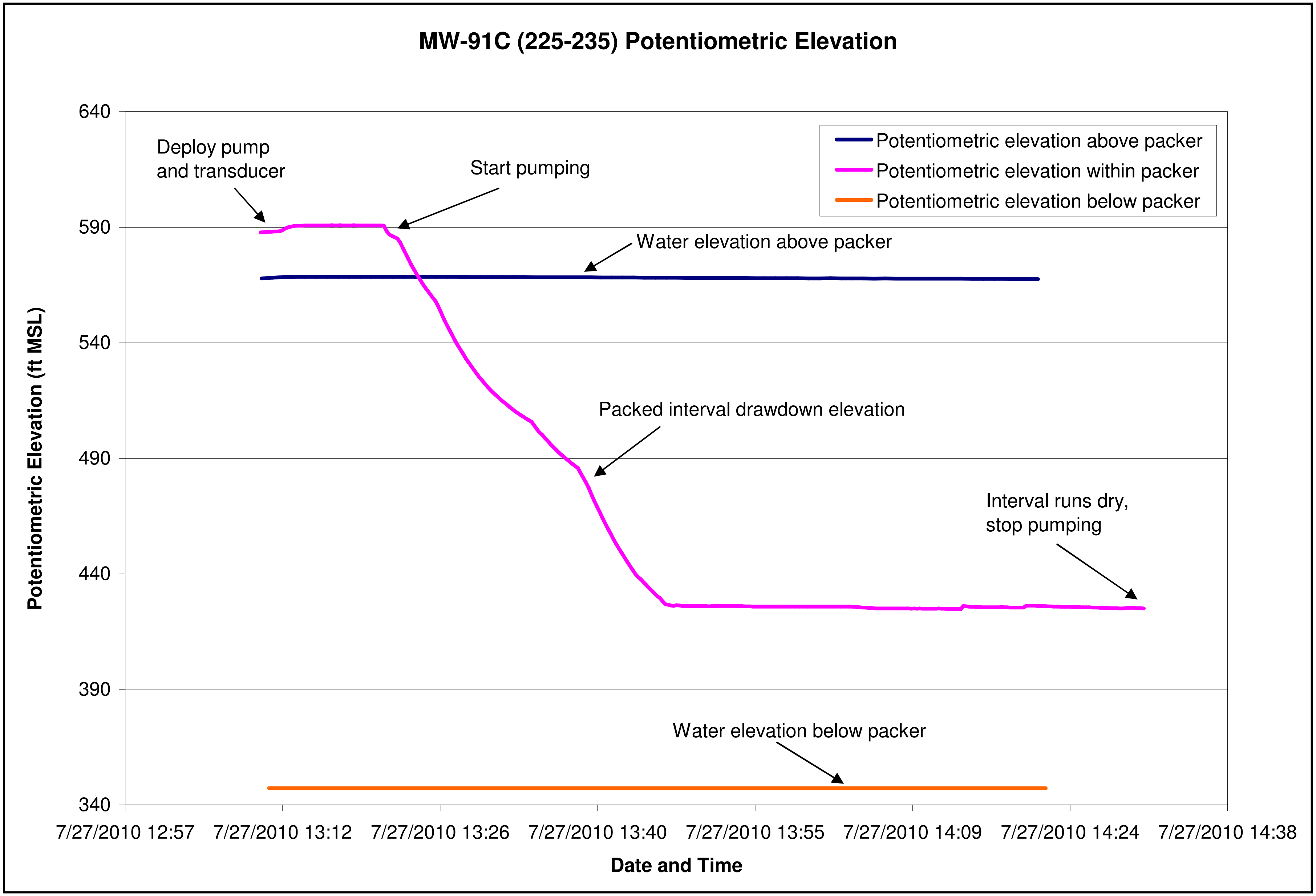

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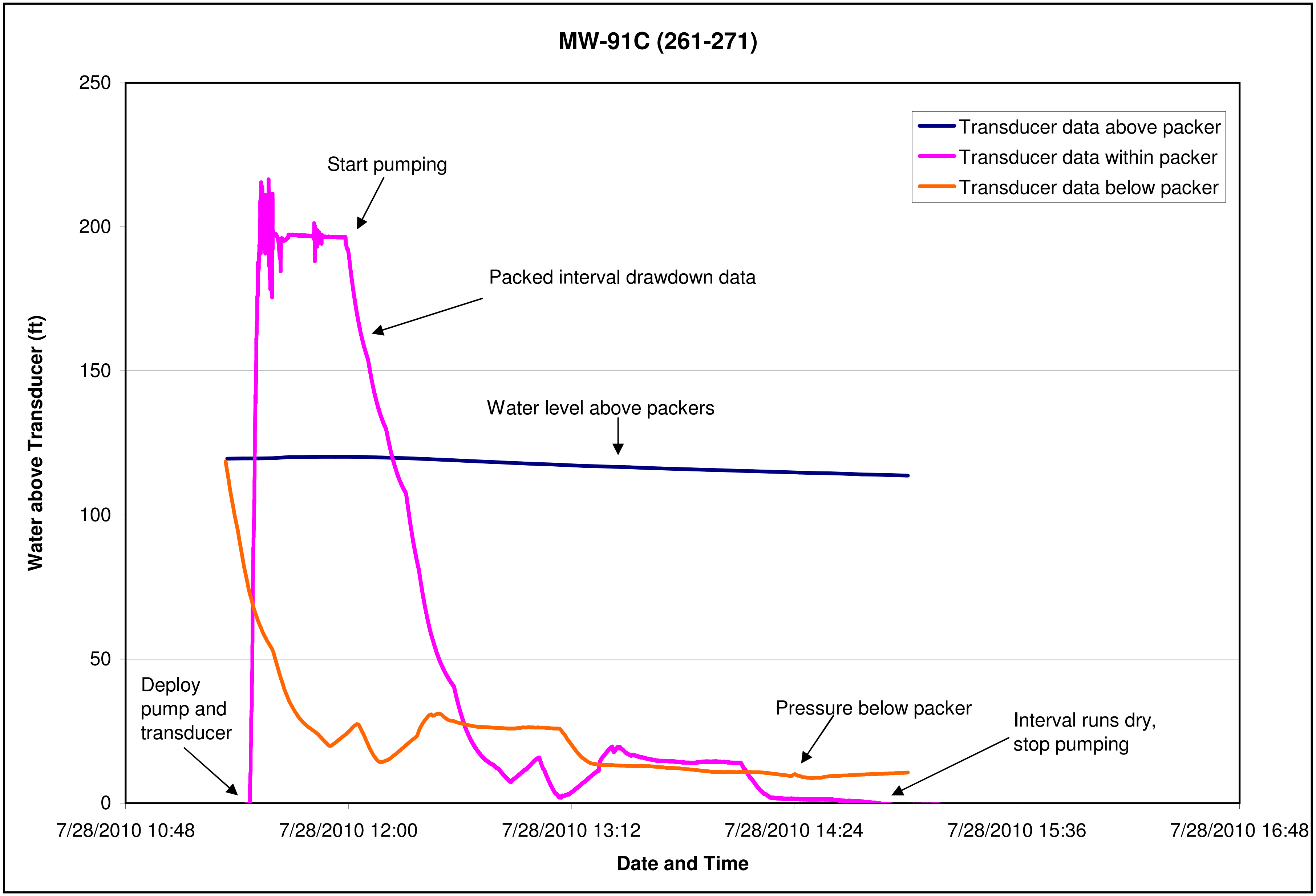

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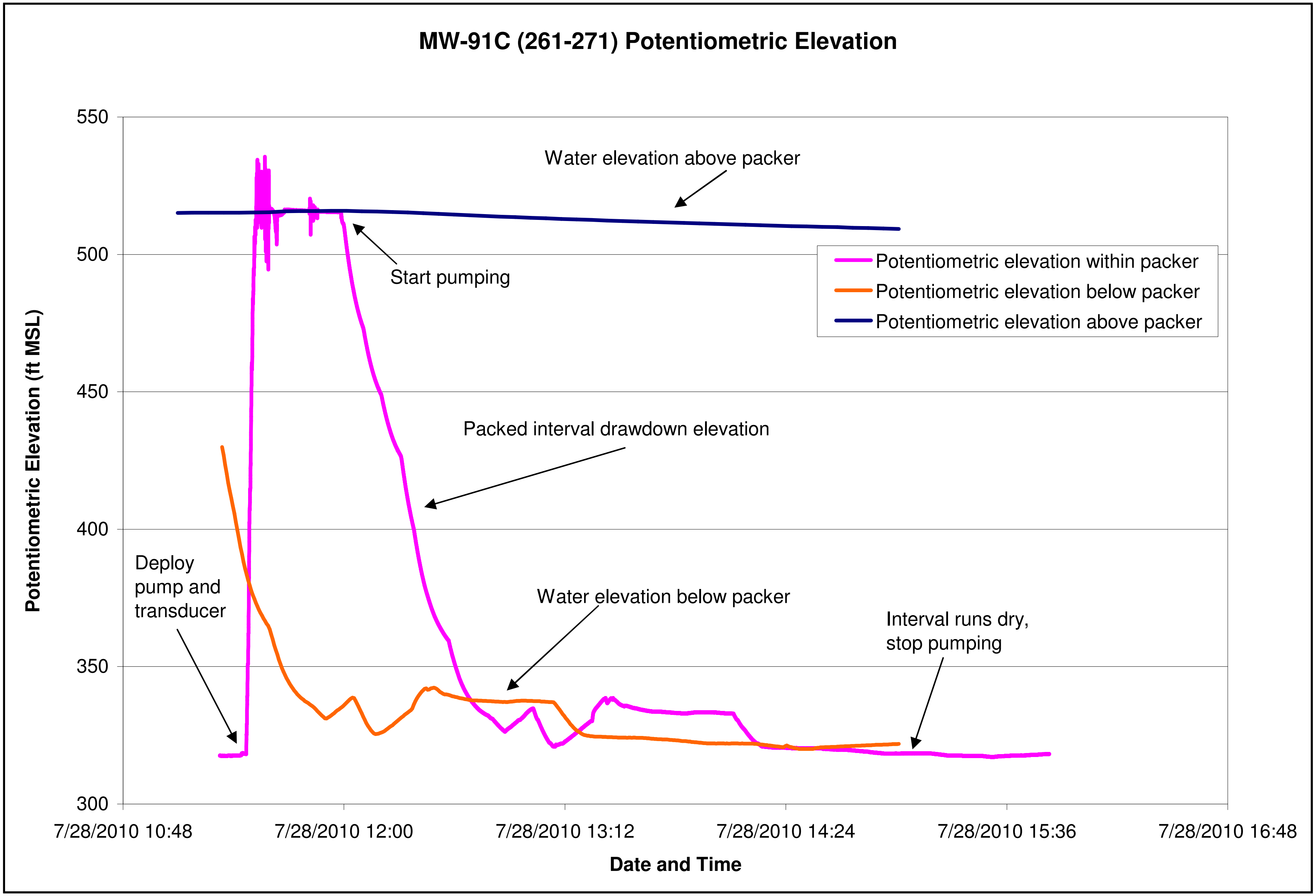

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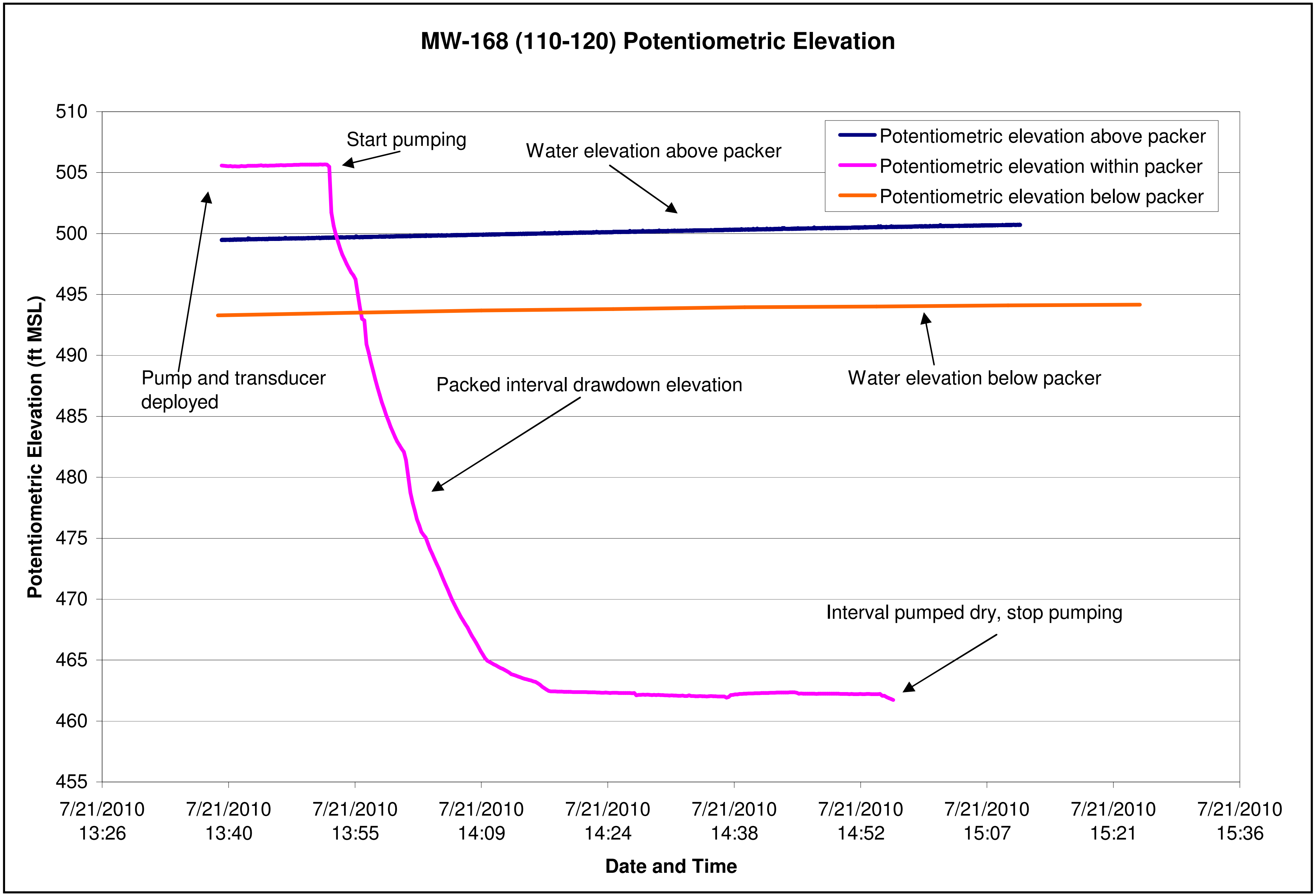

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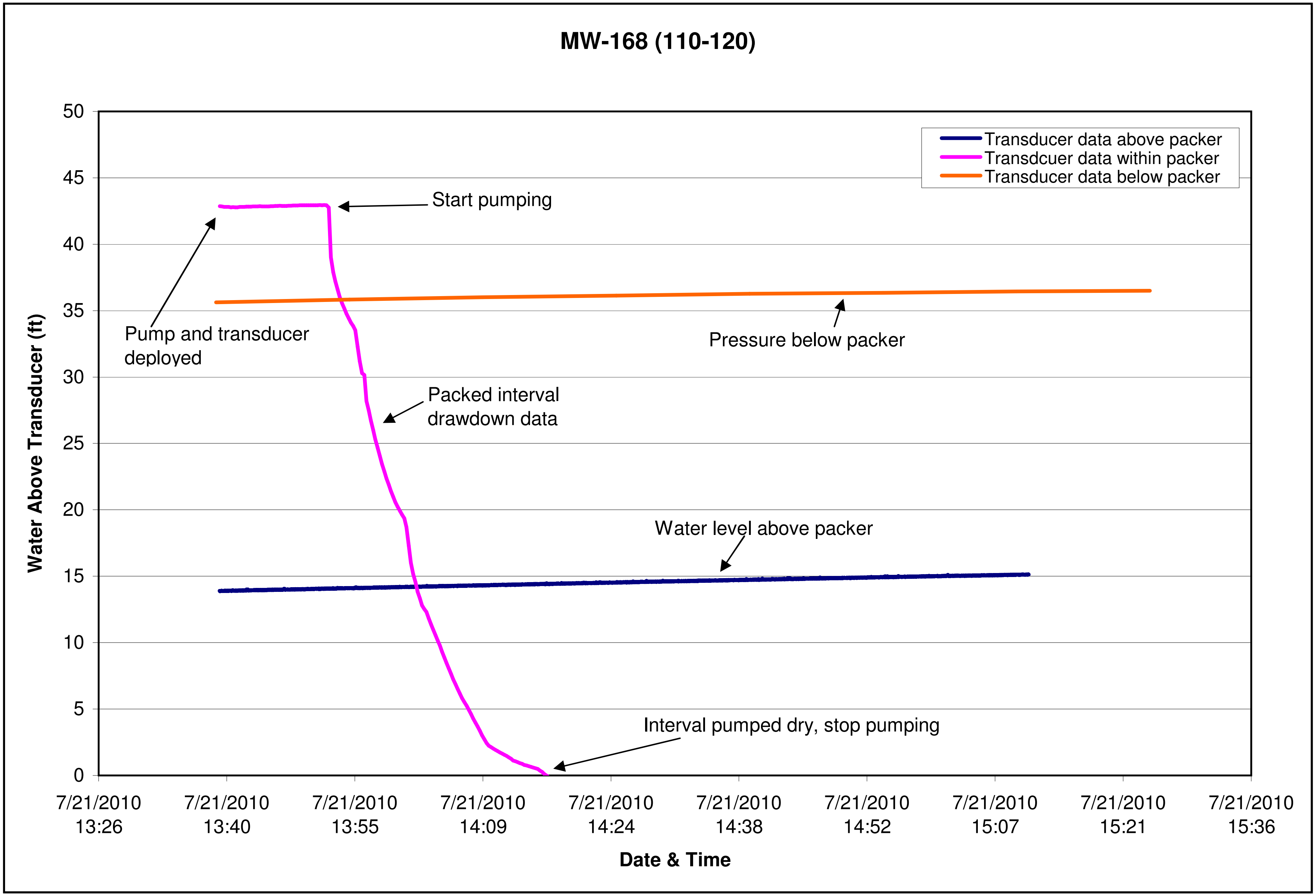

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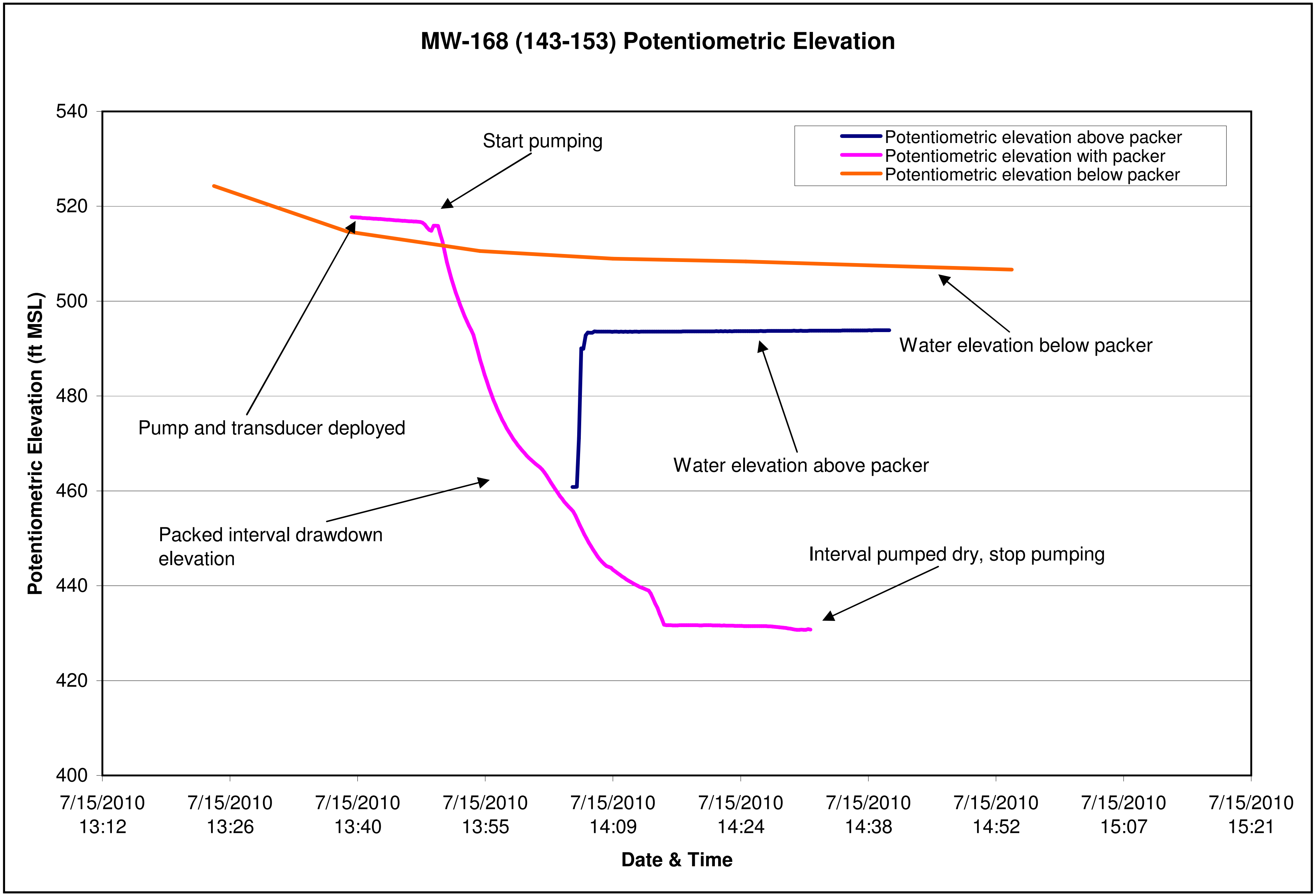

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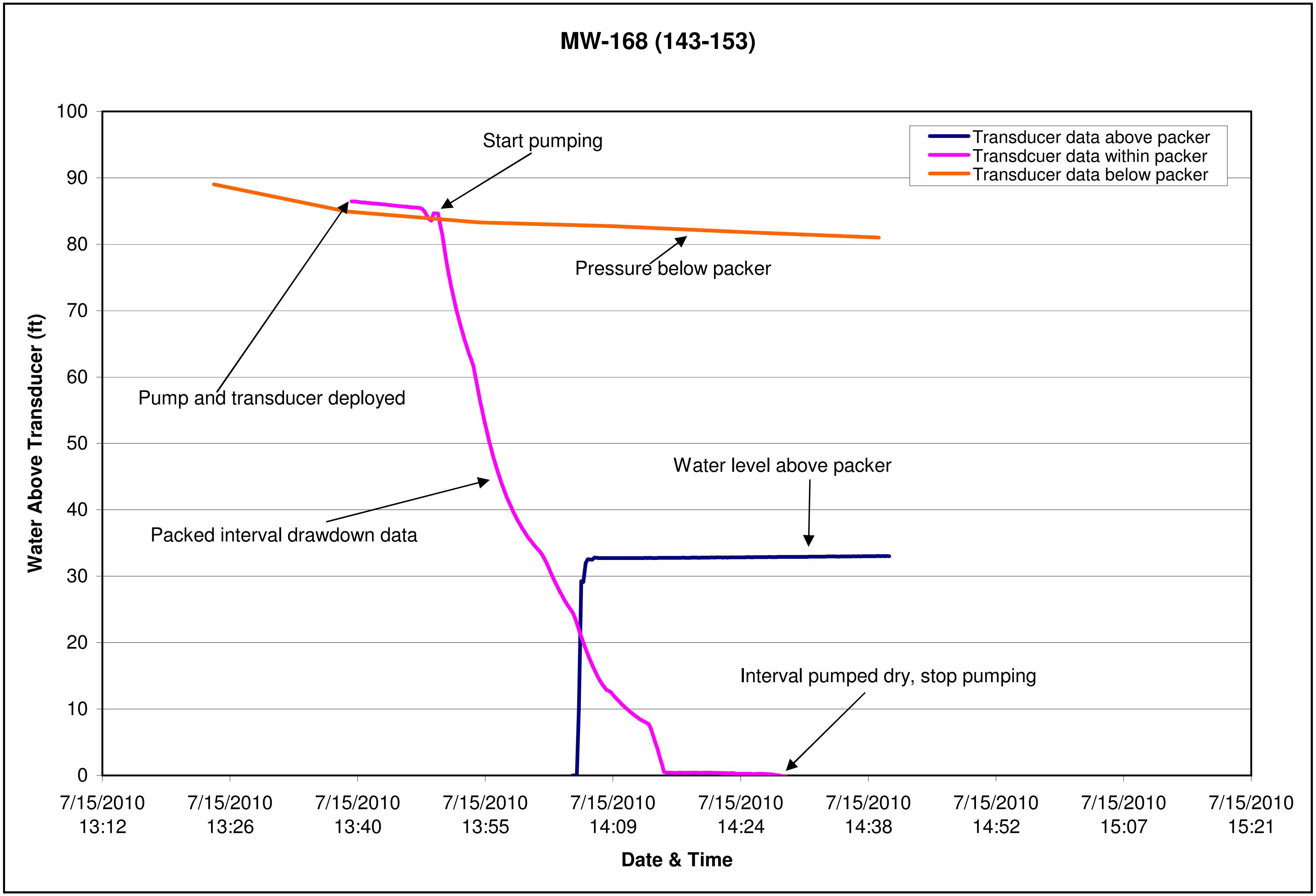

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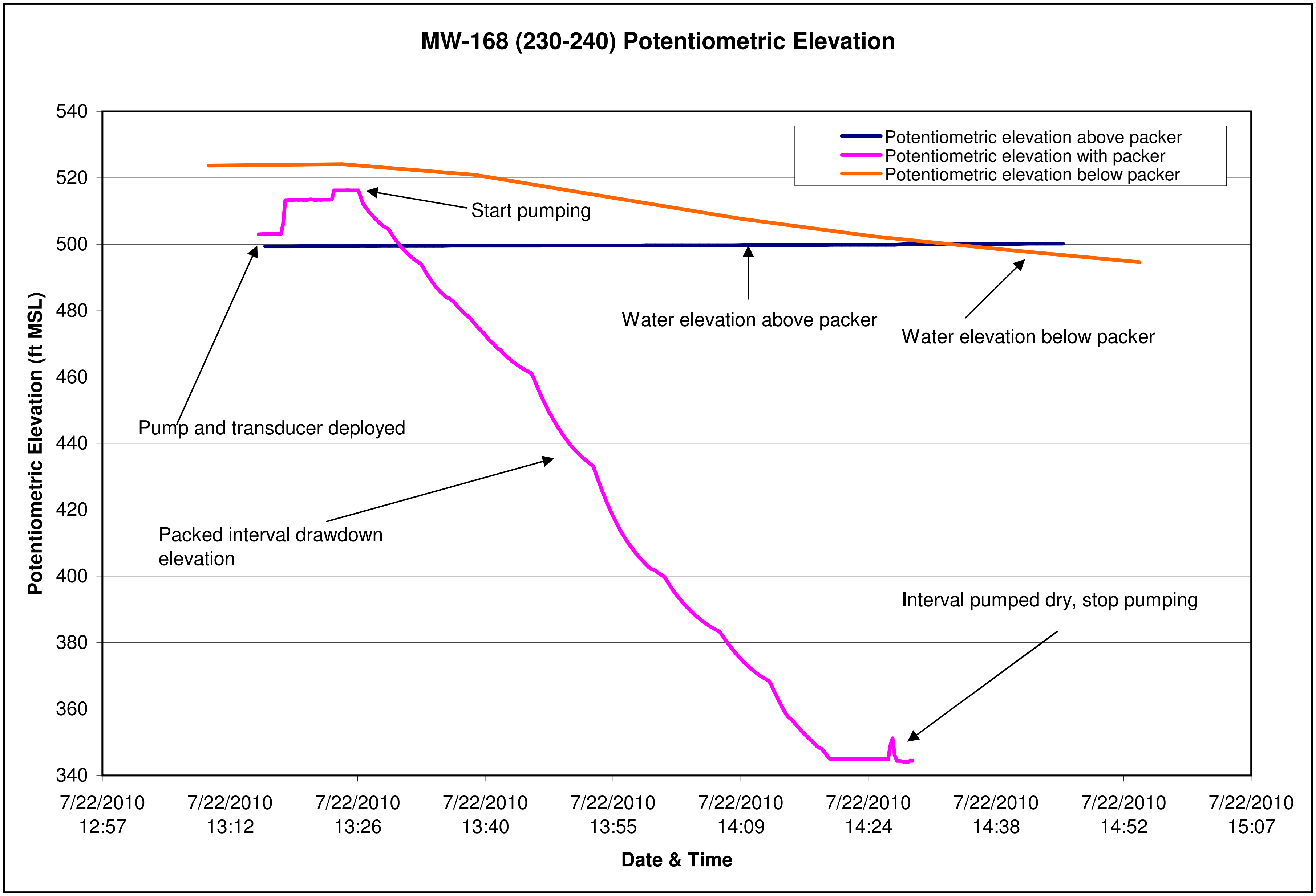

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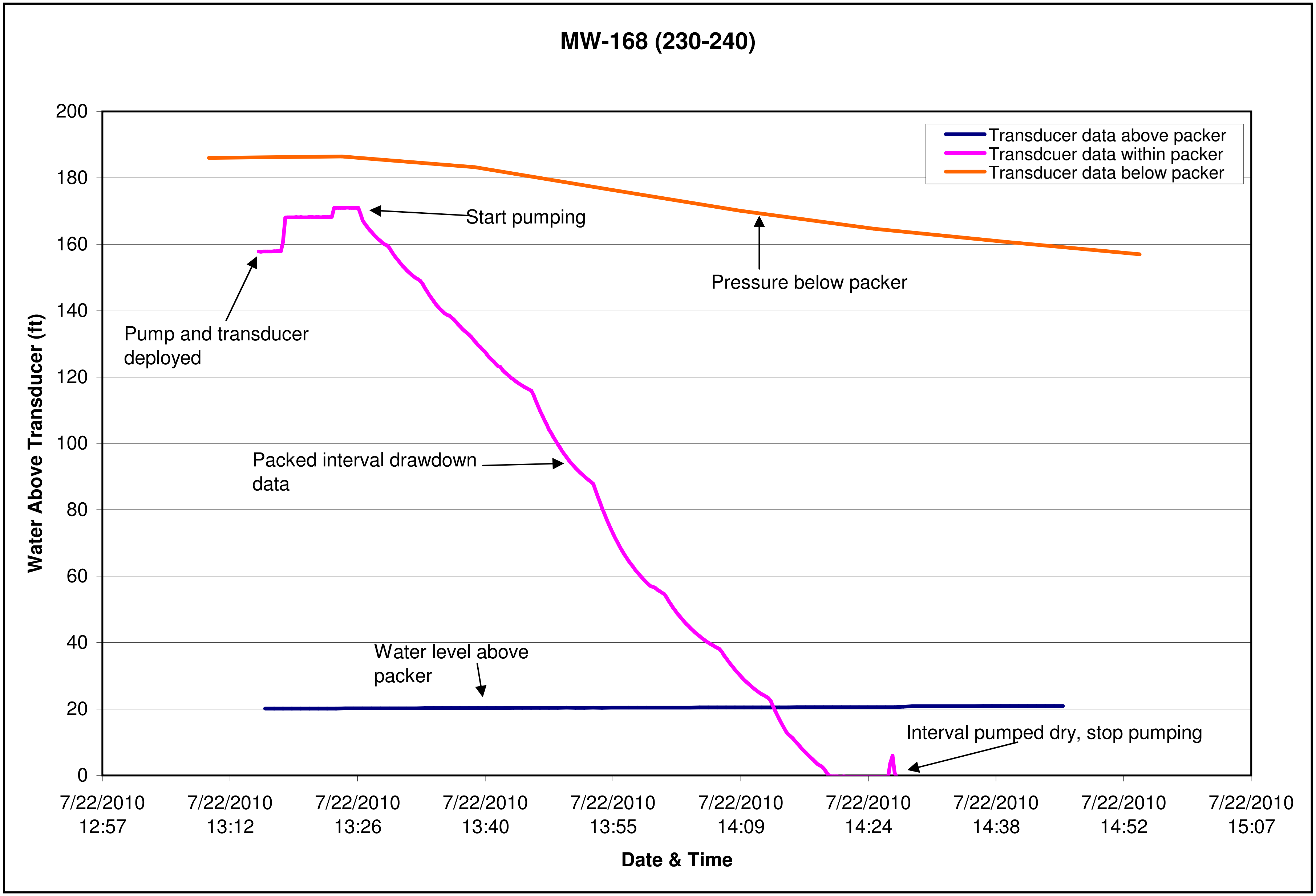

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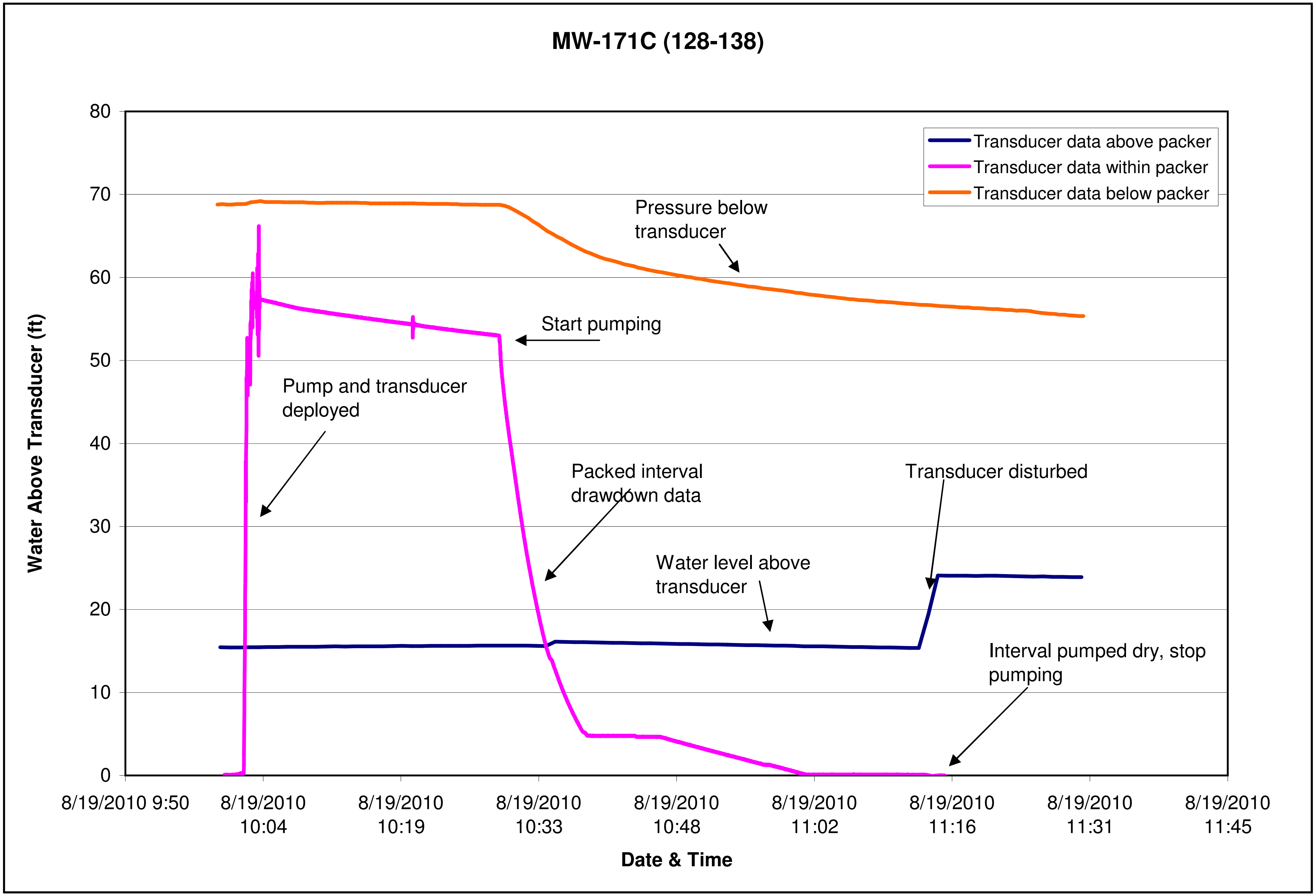

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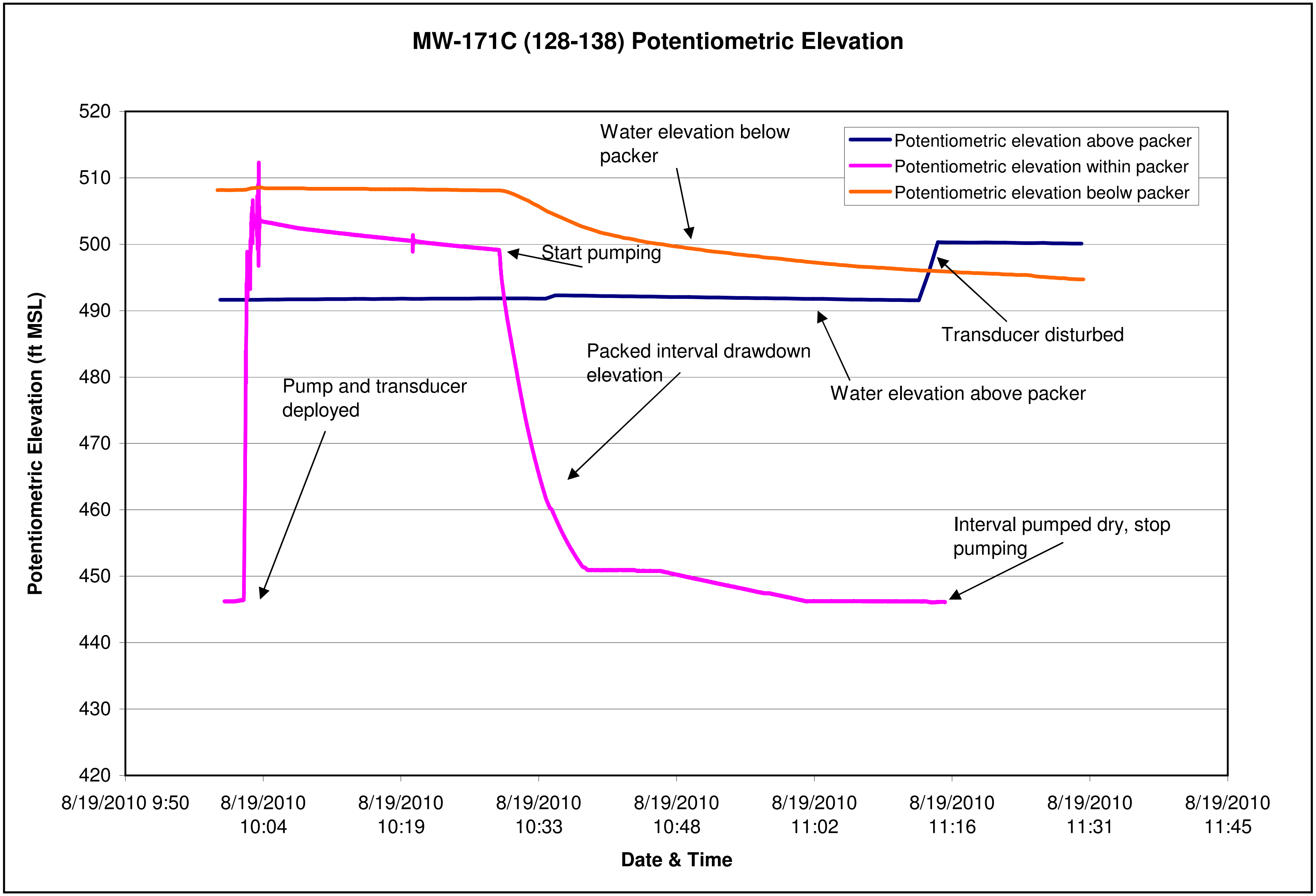

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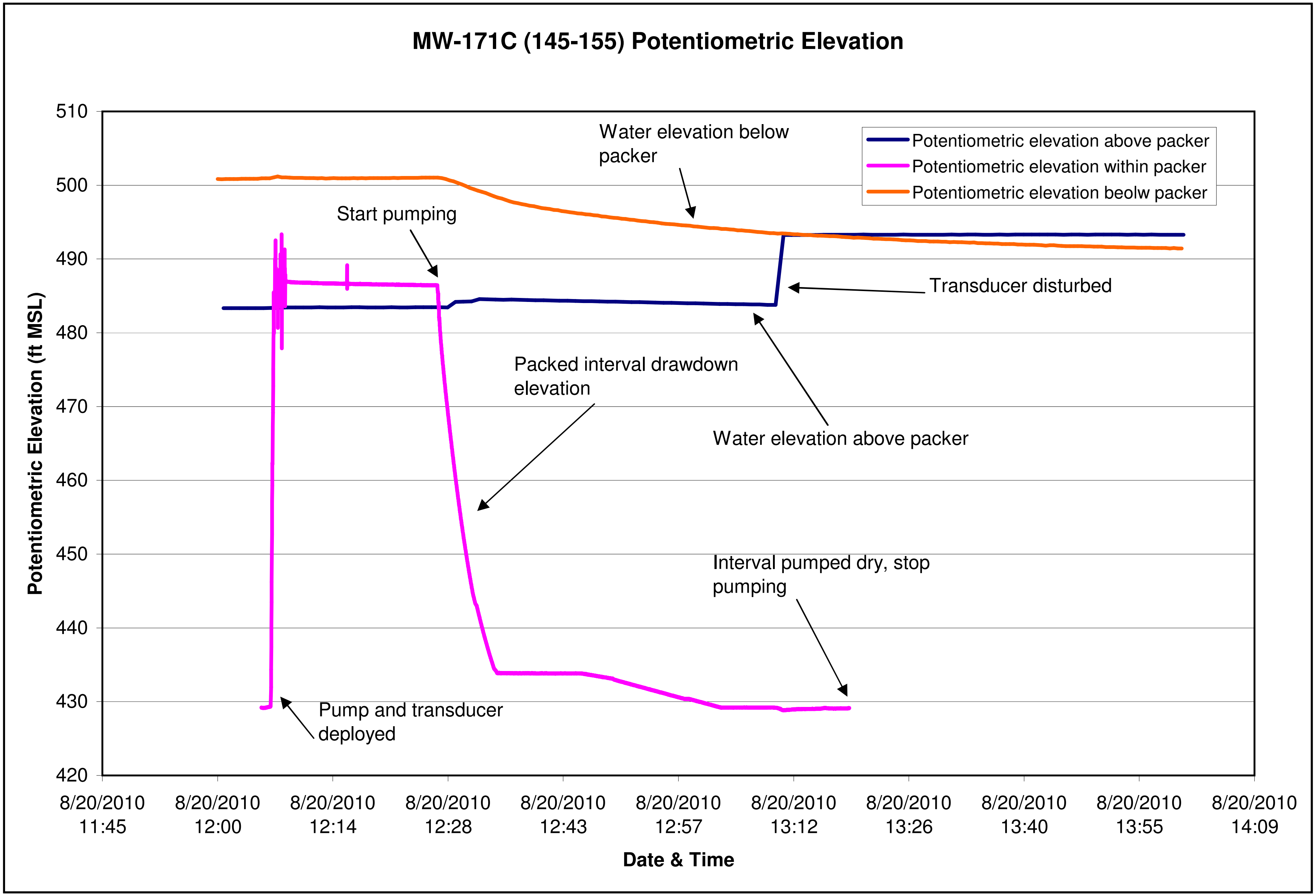

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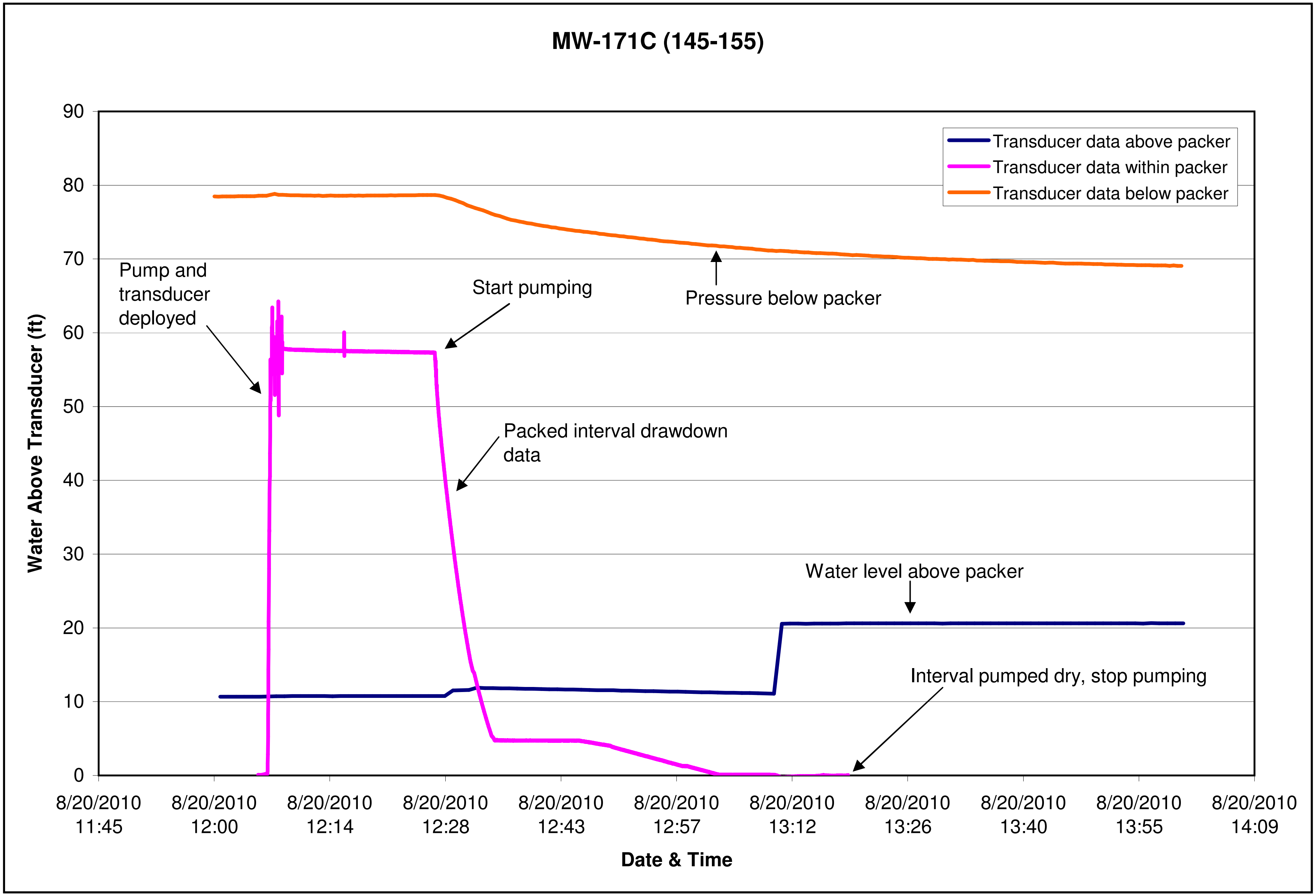

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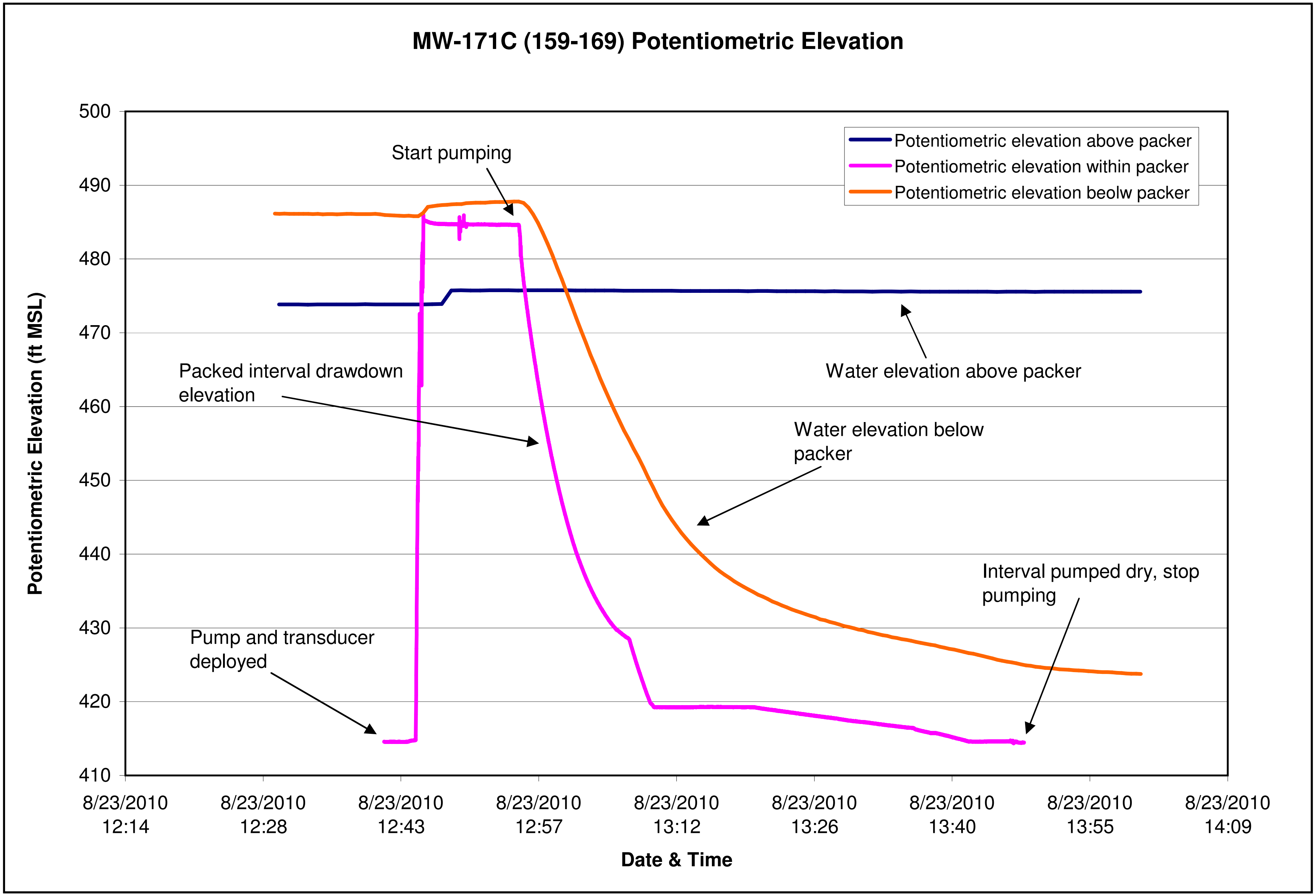

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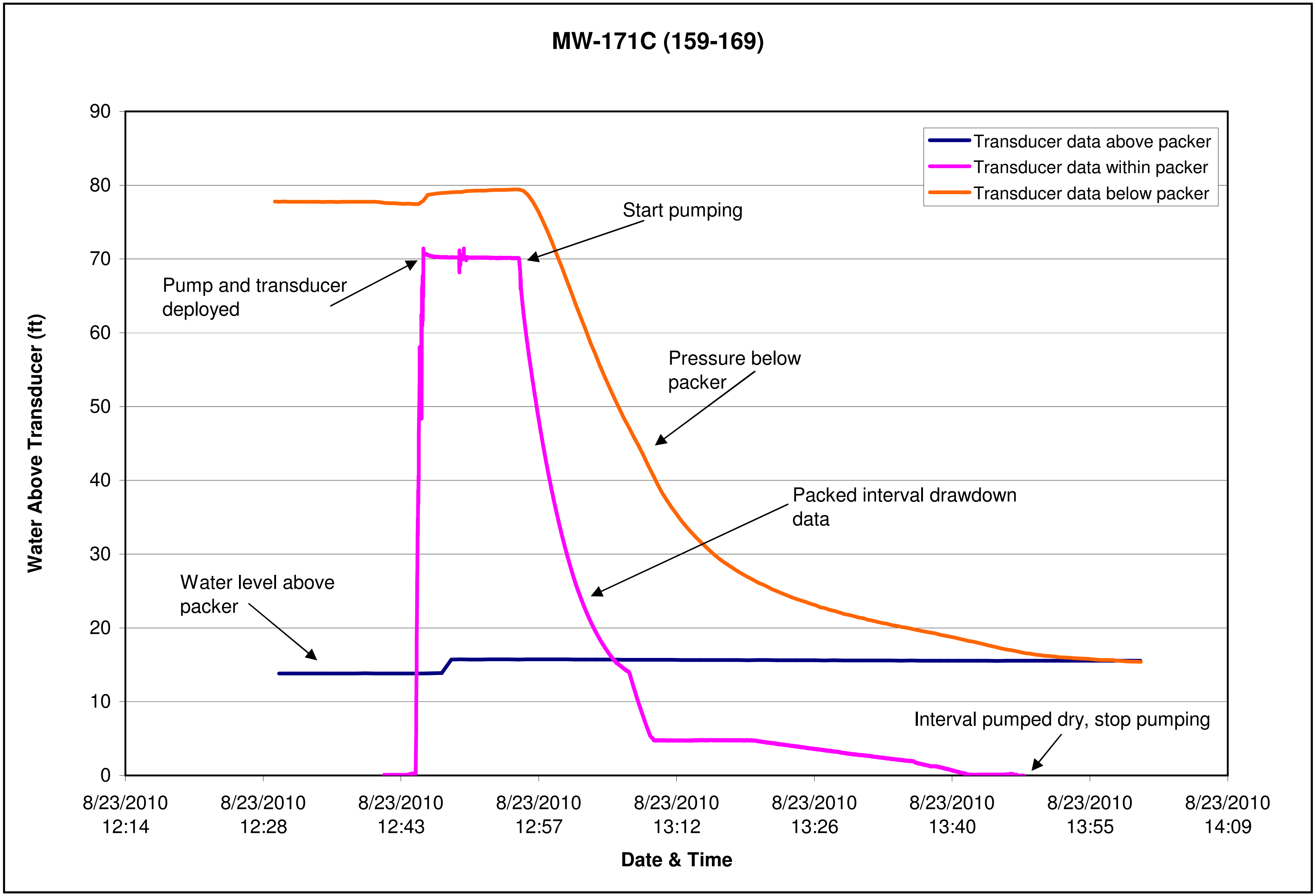

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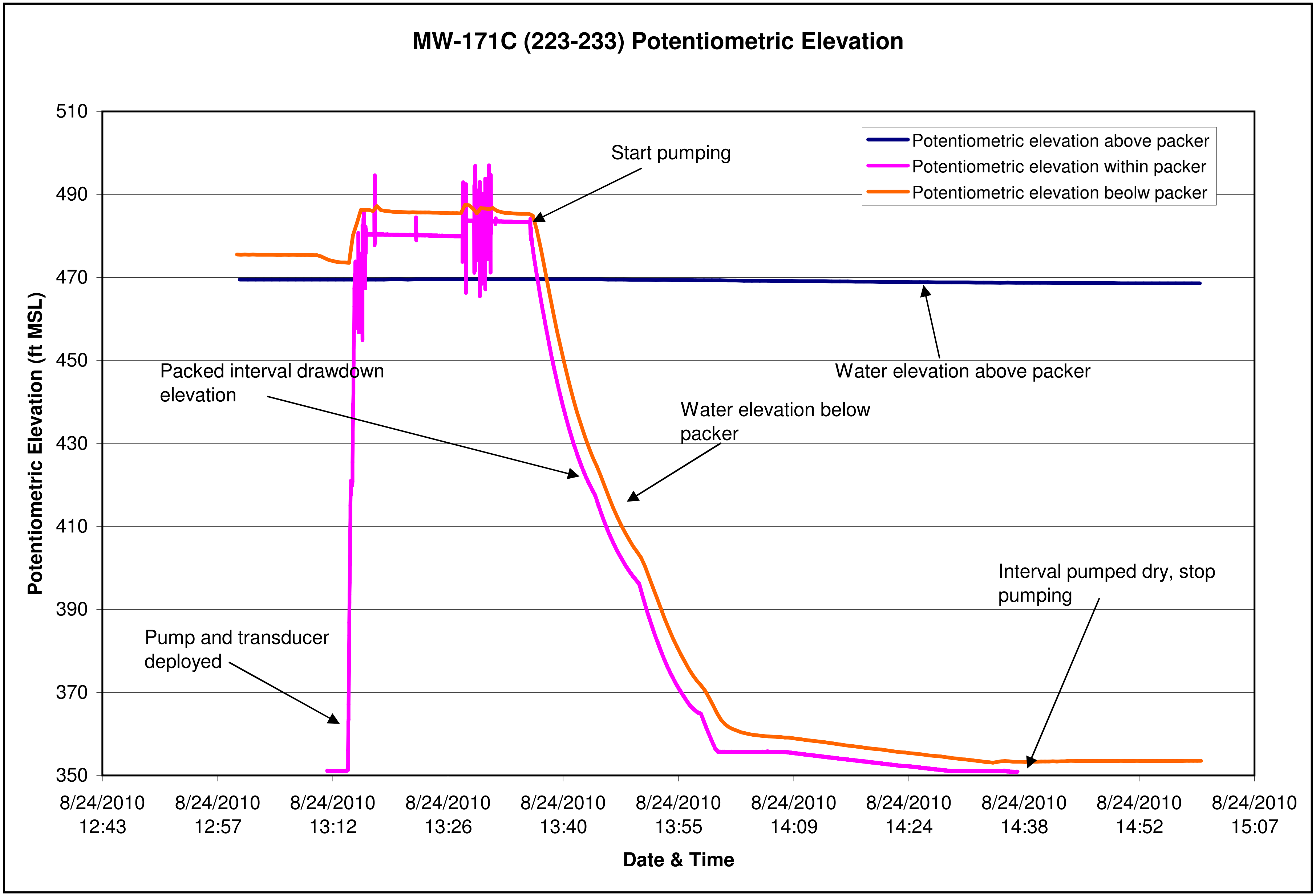

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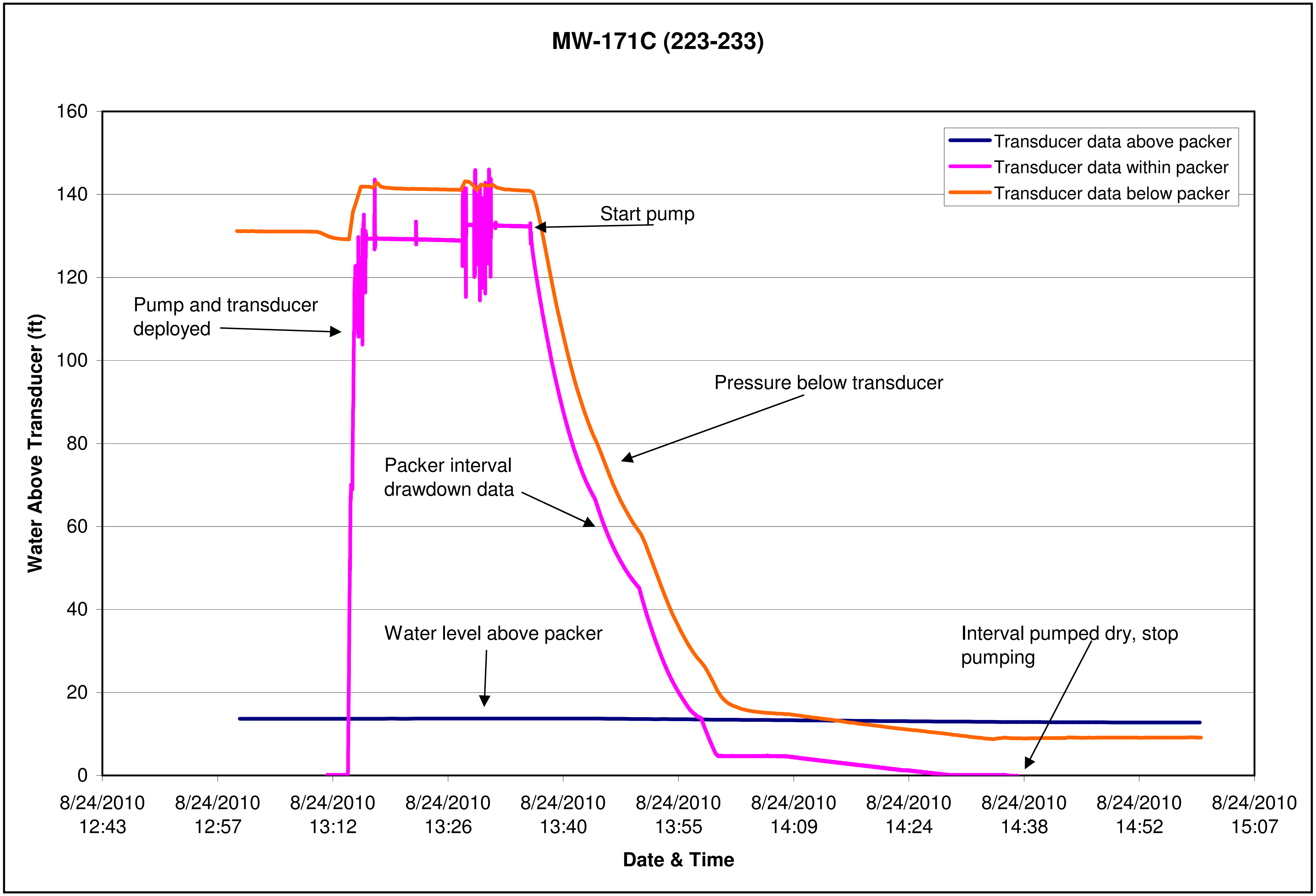

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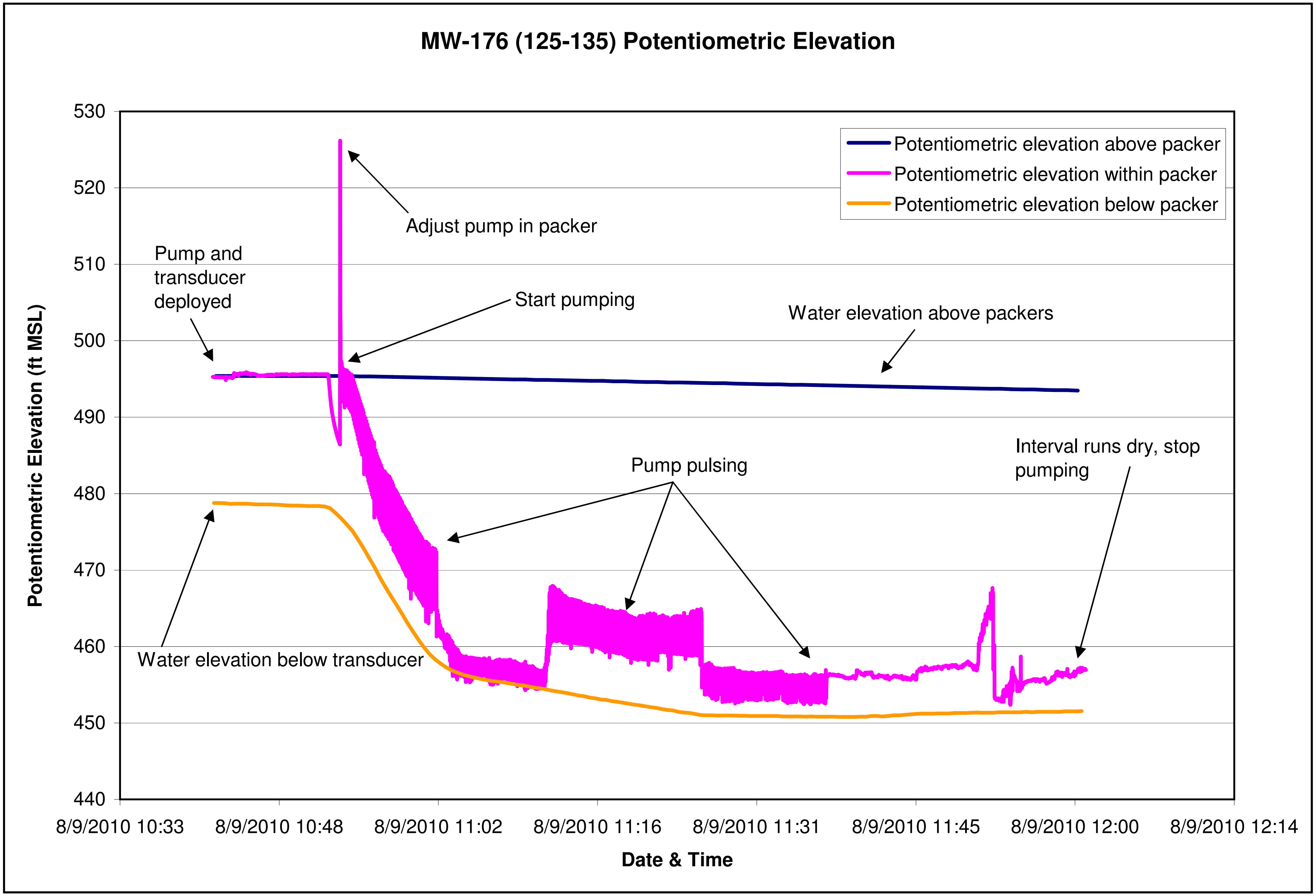

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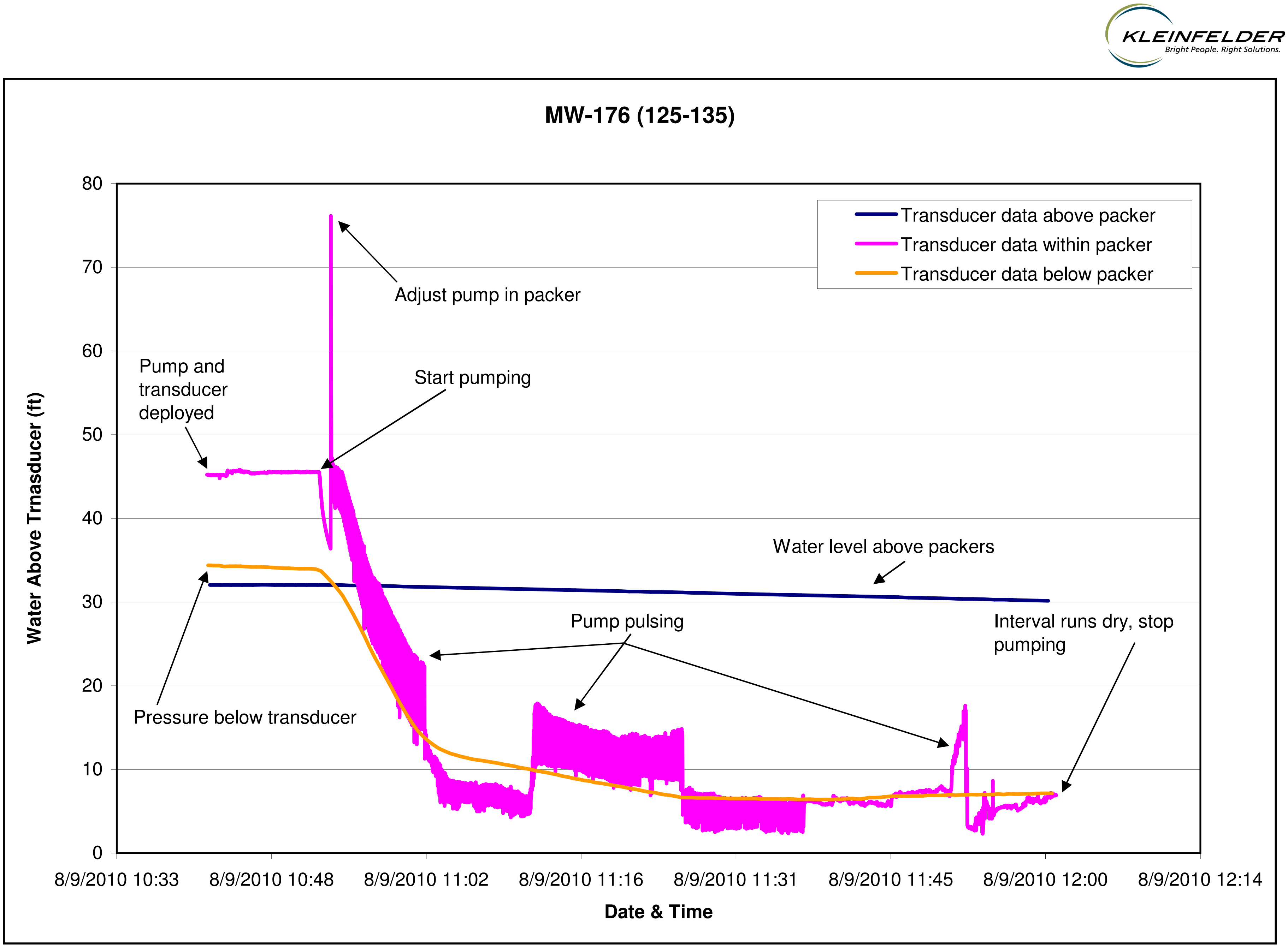

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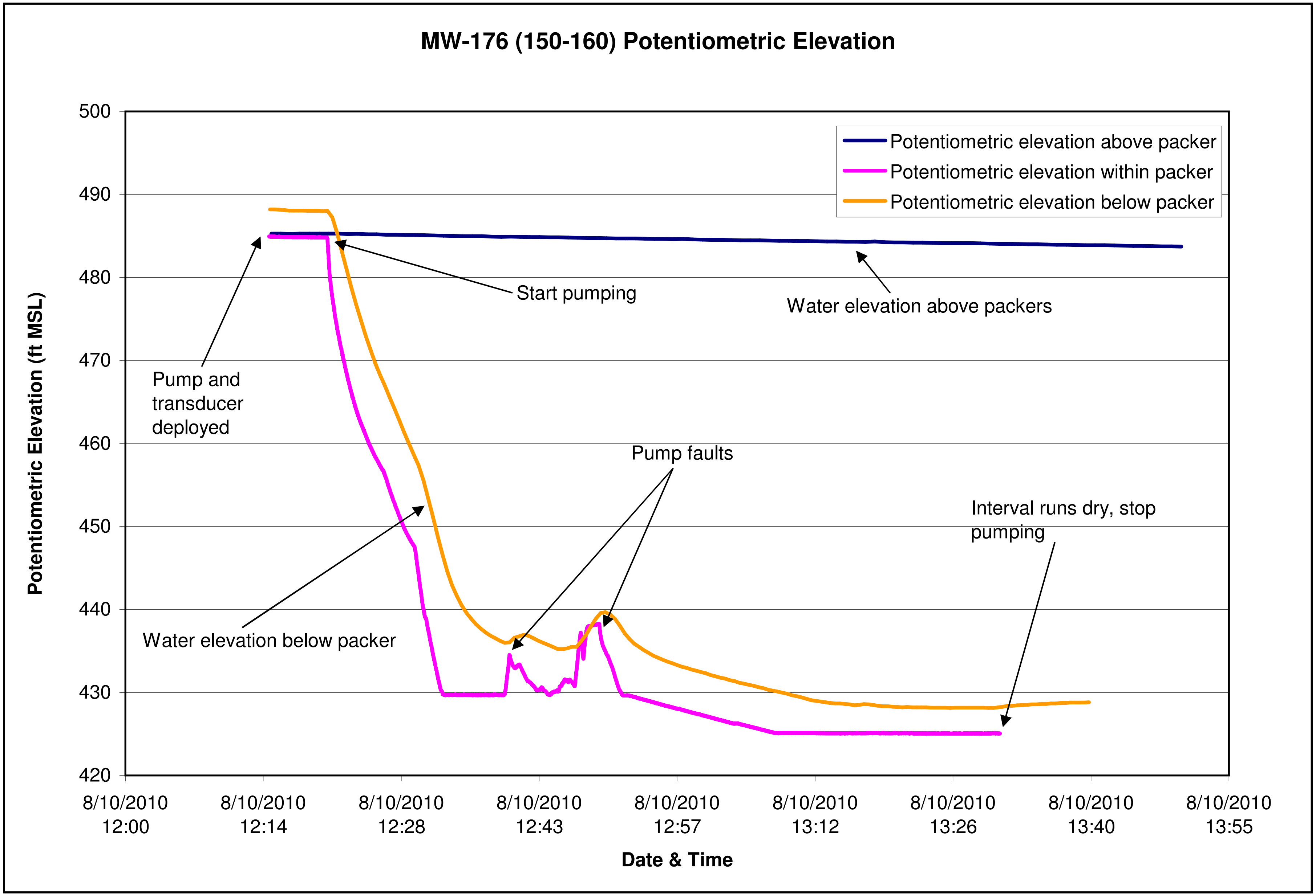

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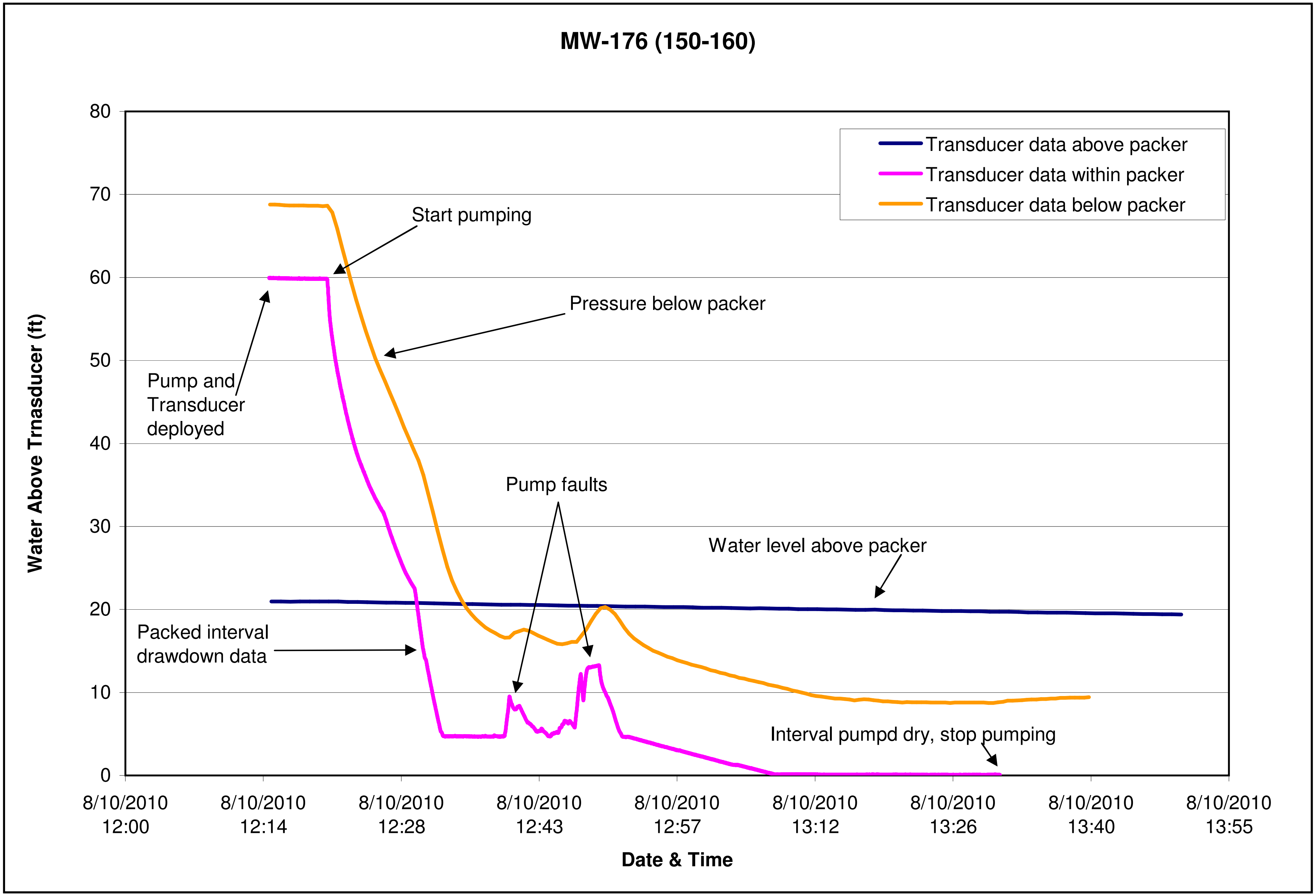

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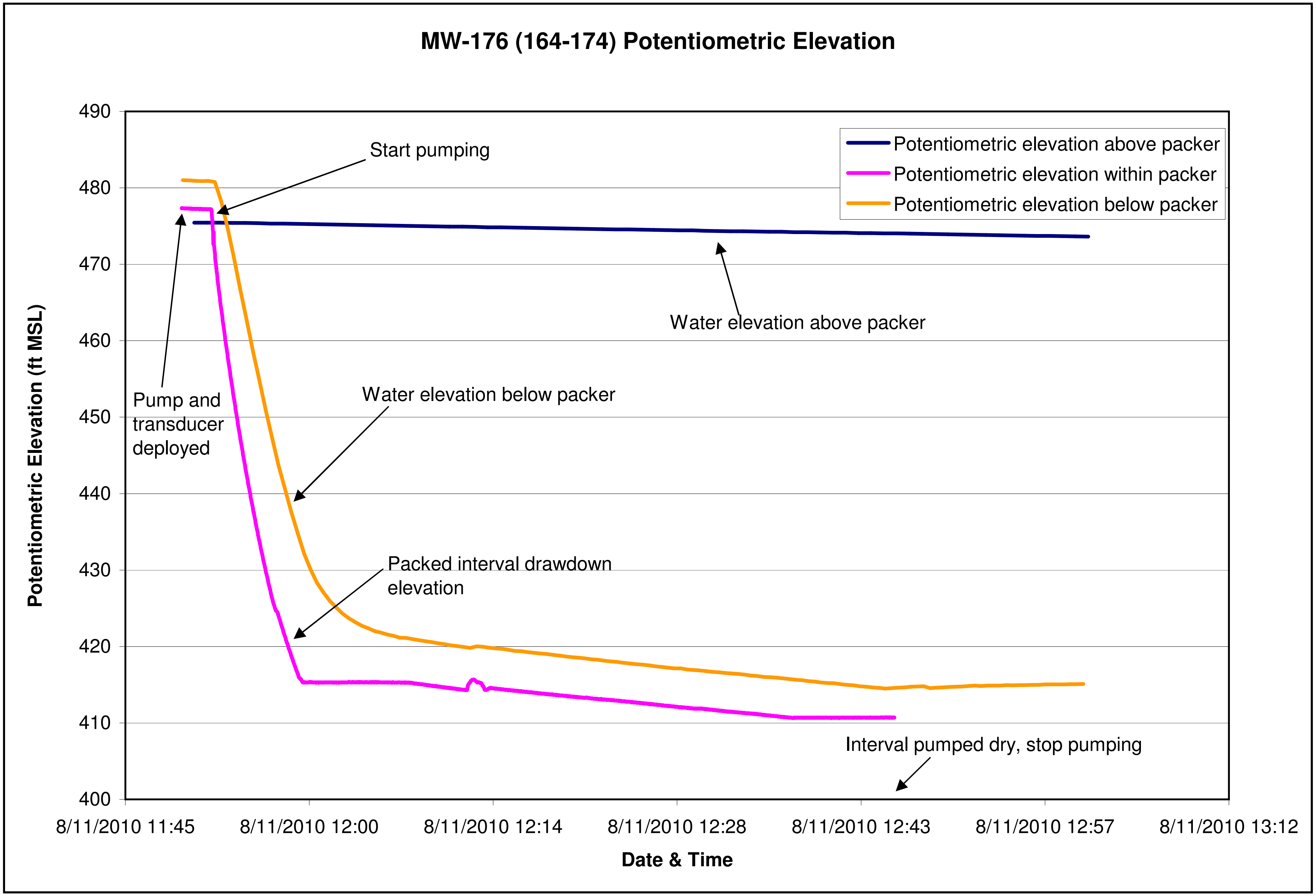

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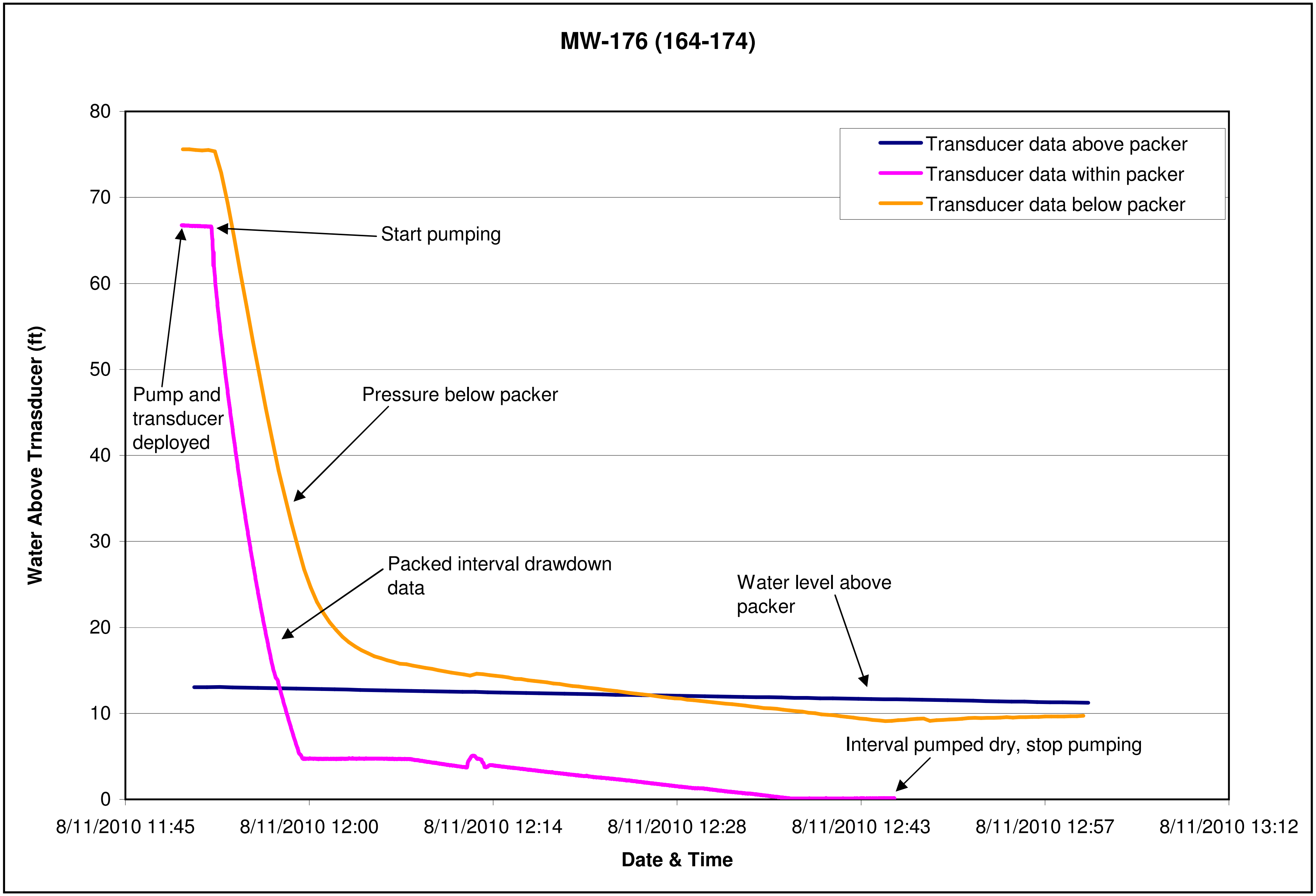

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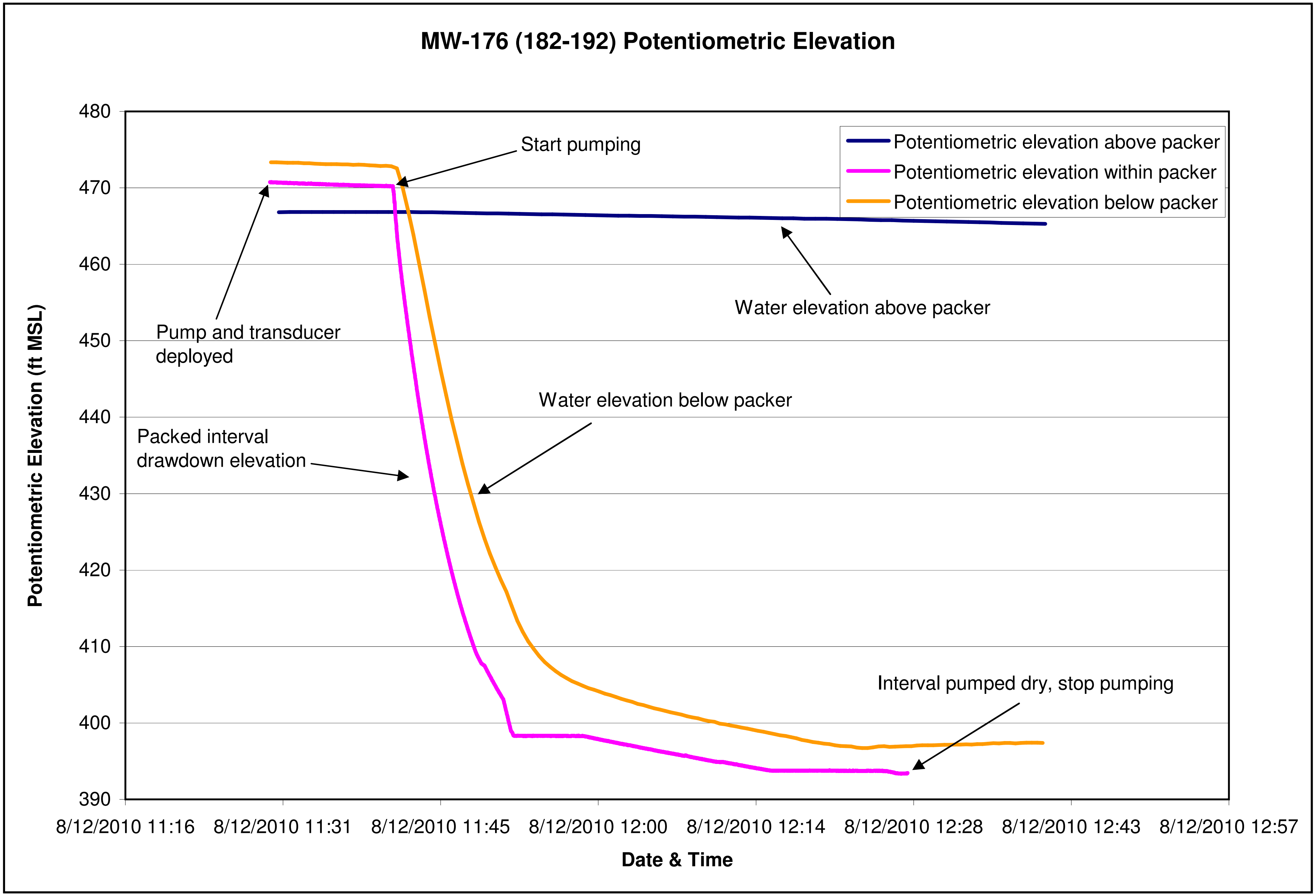

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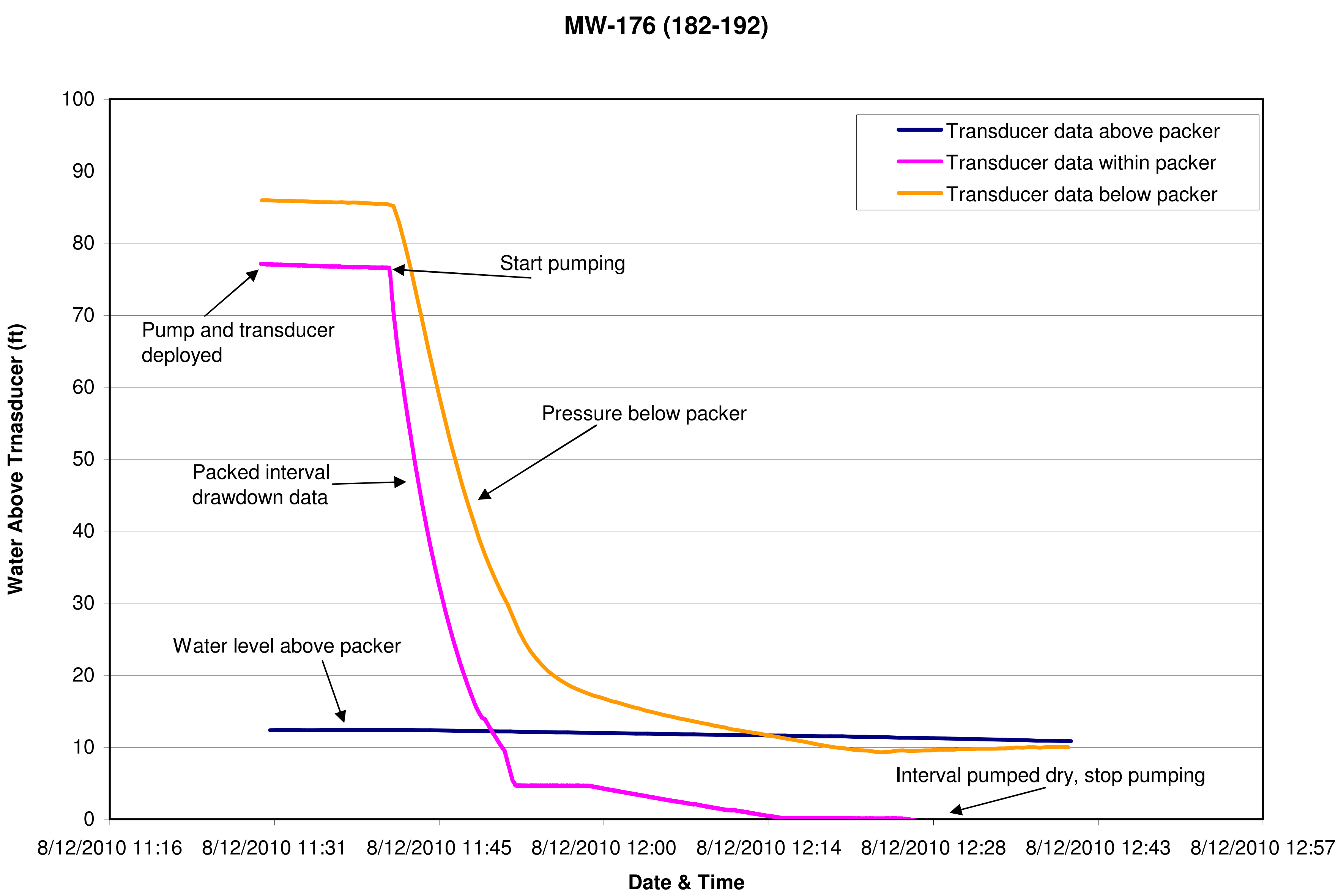
KLEINFELDER
Bright People. Right Solutions.



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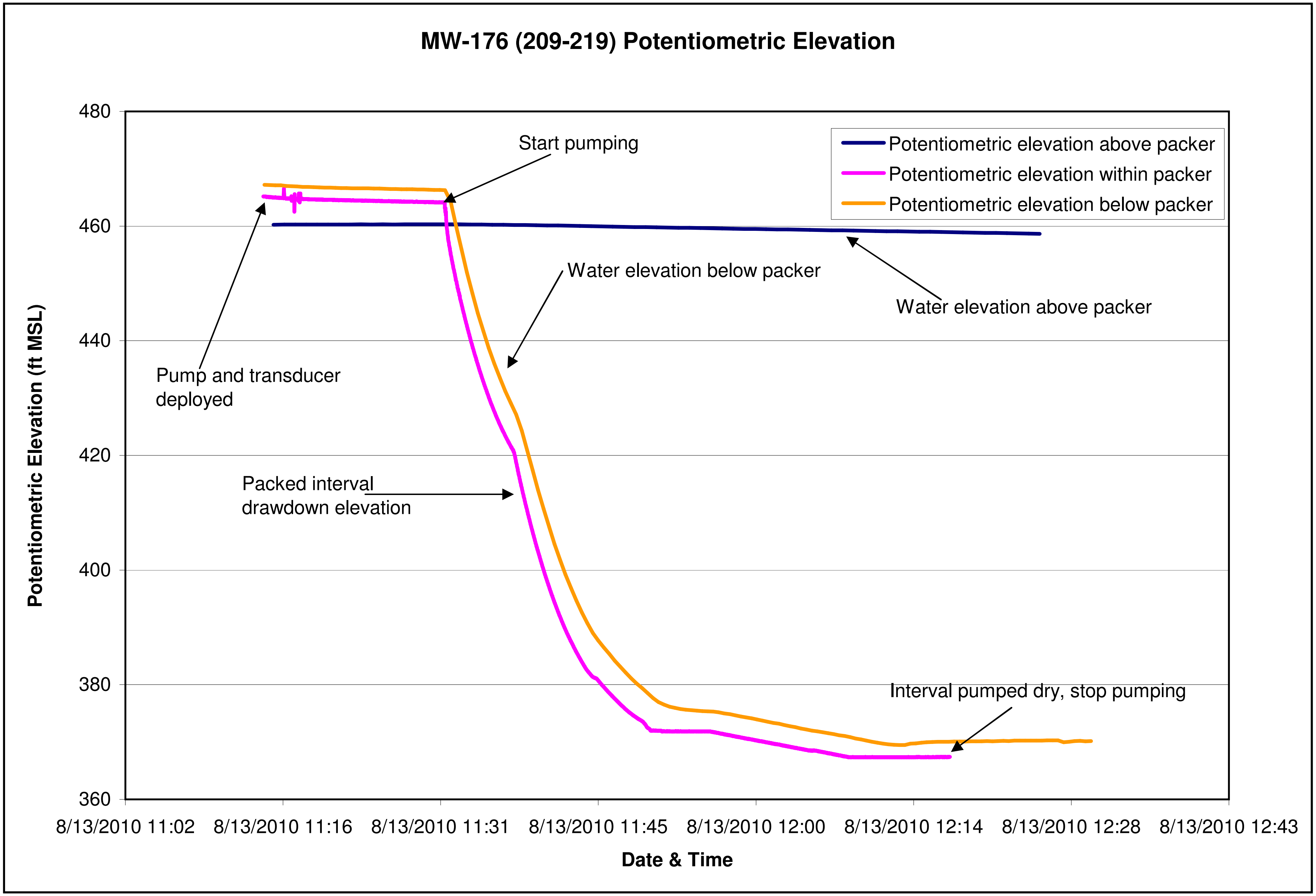

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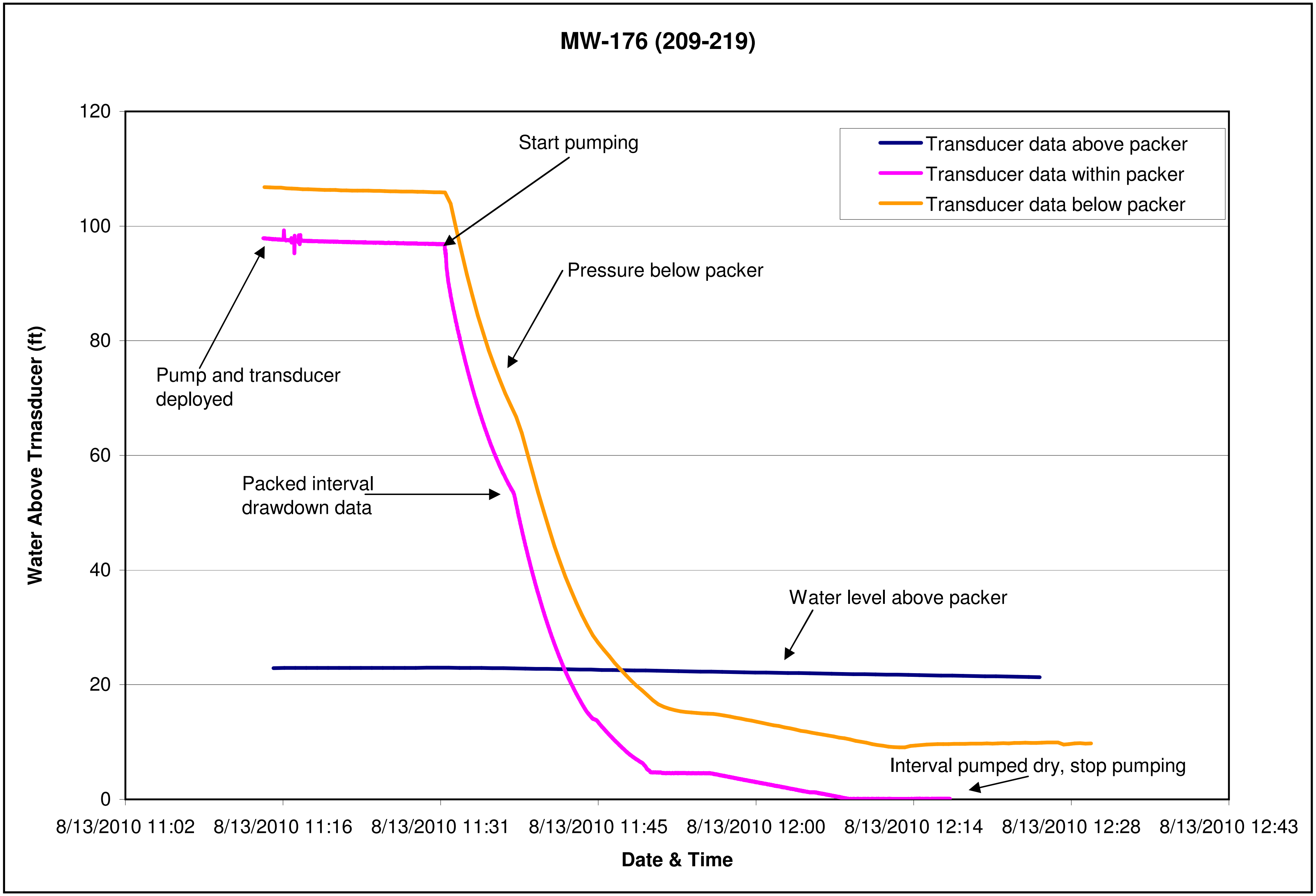

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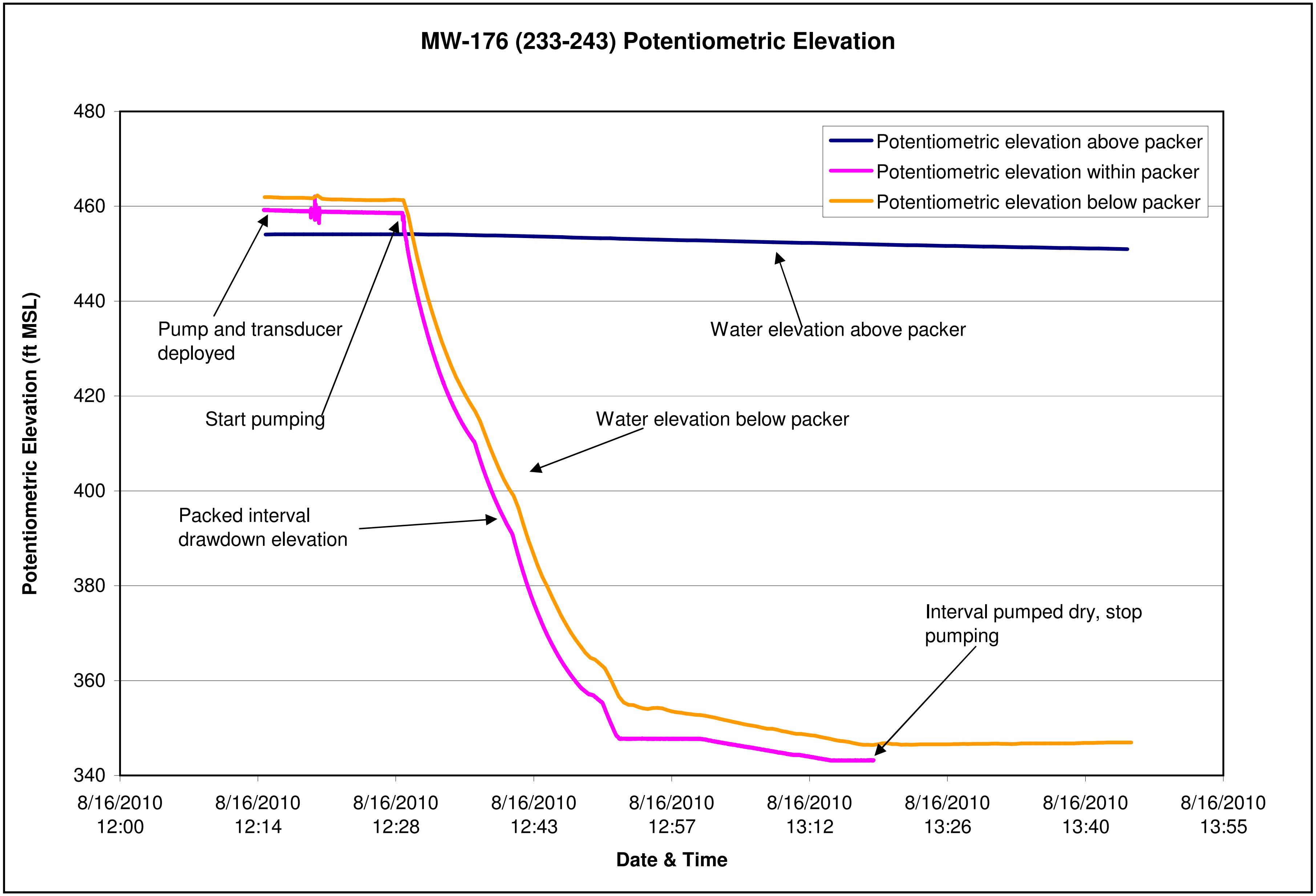

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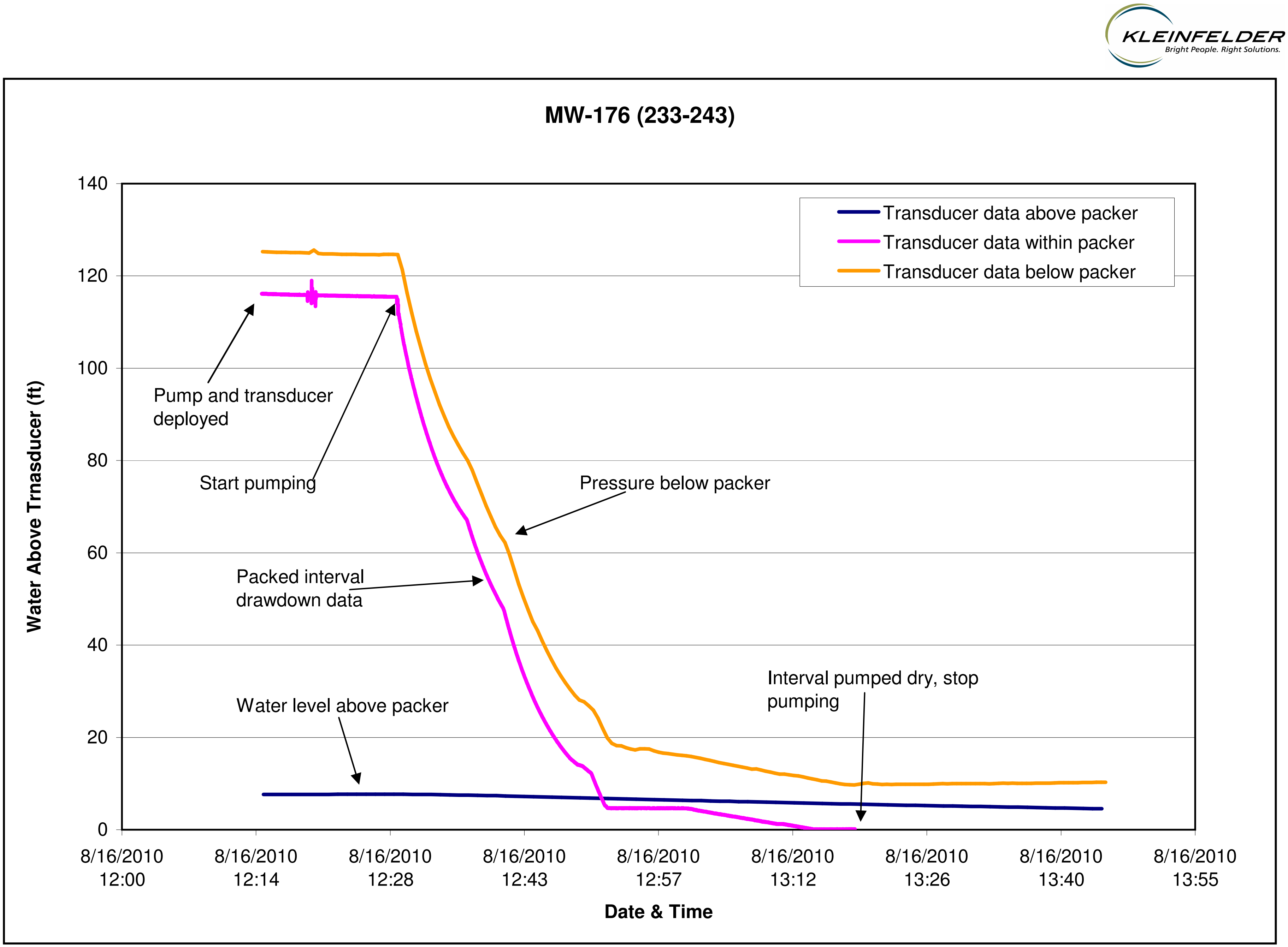
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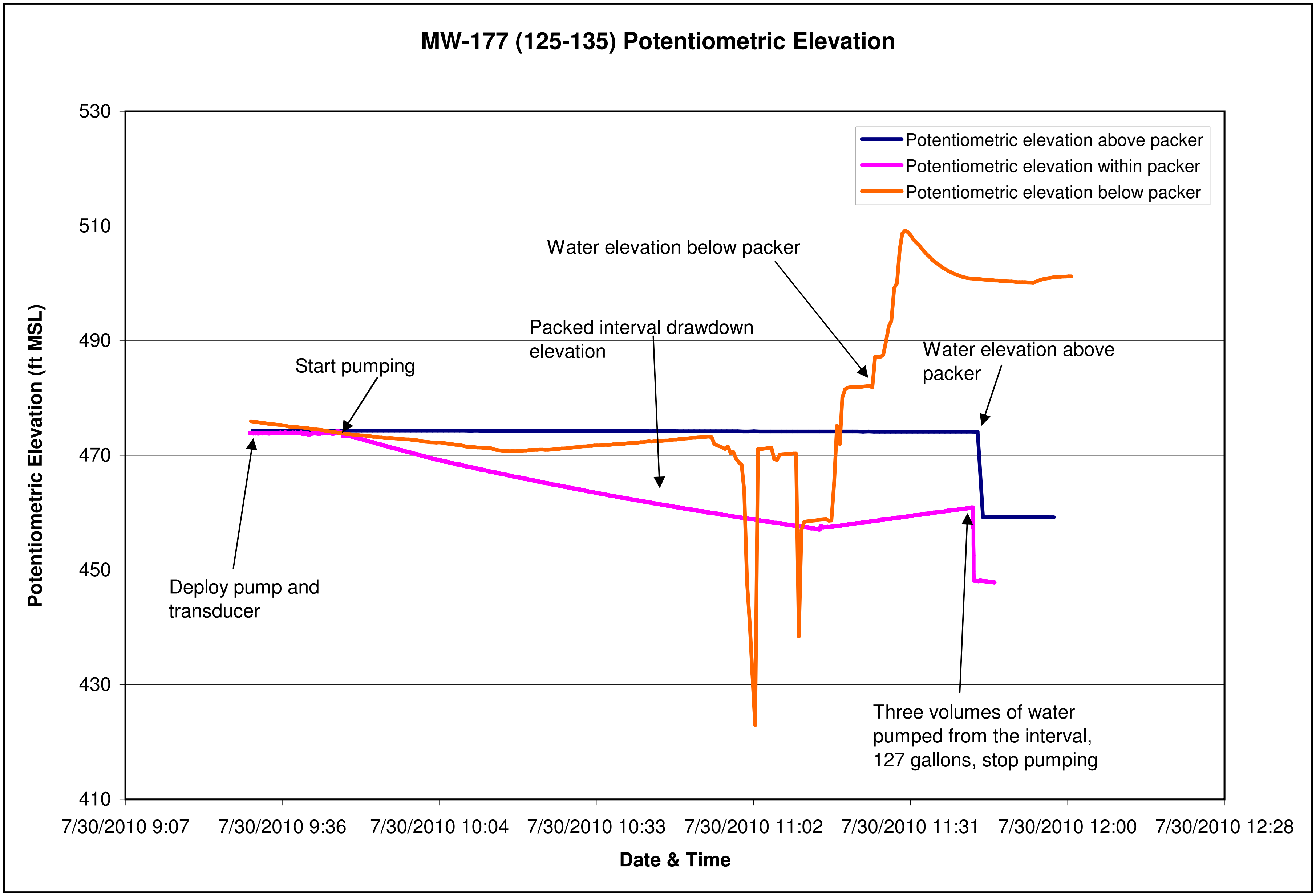
Bright People. Right Solutions.
MW-176 (233-243)
Water Above Trnasducer (ft)
Date & Time
140
120
100
80
60
40
20
0
8/16/2010 12:00
8/16/2010 12:14
8/16/2010 12:28
8/16/2010 12:43
8/16/2010 12:57
8/16/2010 13:12
8/16/2010 13:26
8/16/2010 13:40
8/16/2010 13:55
Transducer data above packer
Transducer data within packer
Transducer data below packer
Pump and transducer deployed
Start pumping
Pressure below packer
Packed interval drawdown data
Water level above packer
Interval pumped dry, stop pumping



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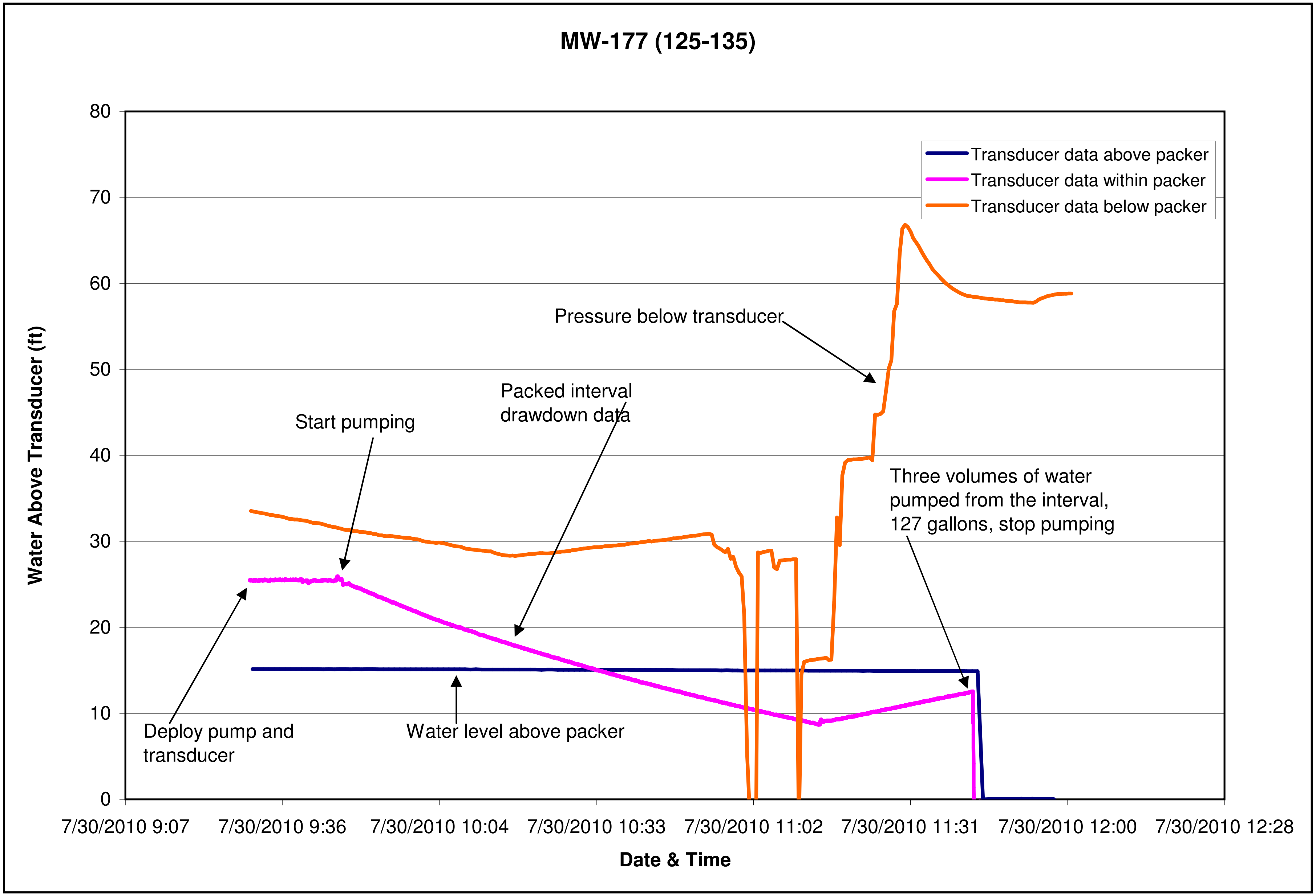

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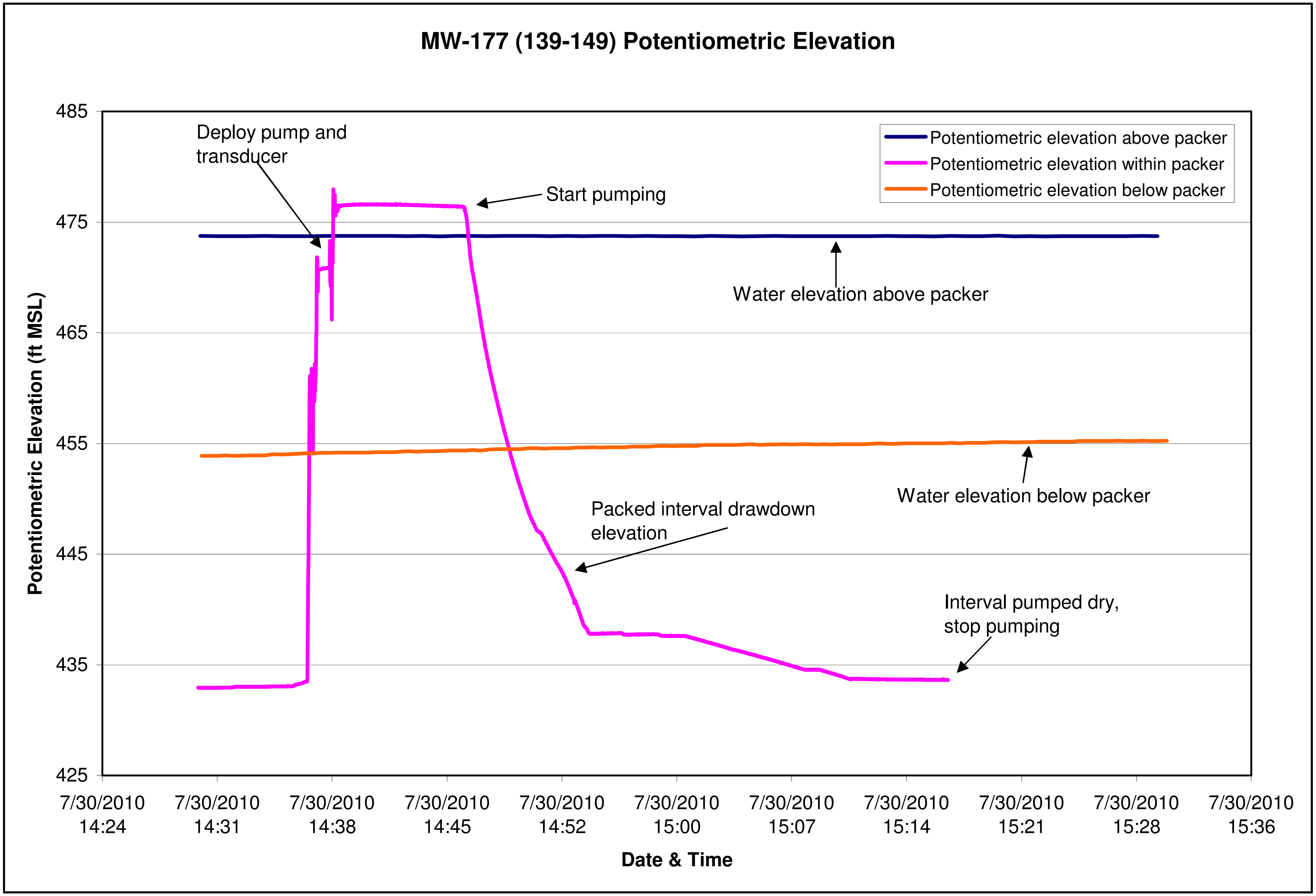

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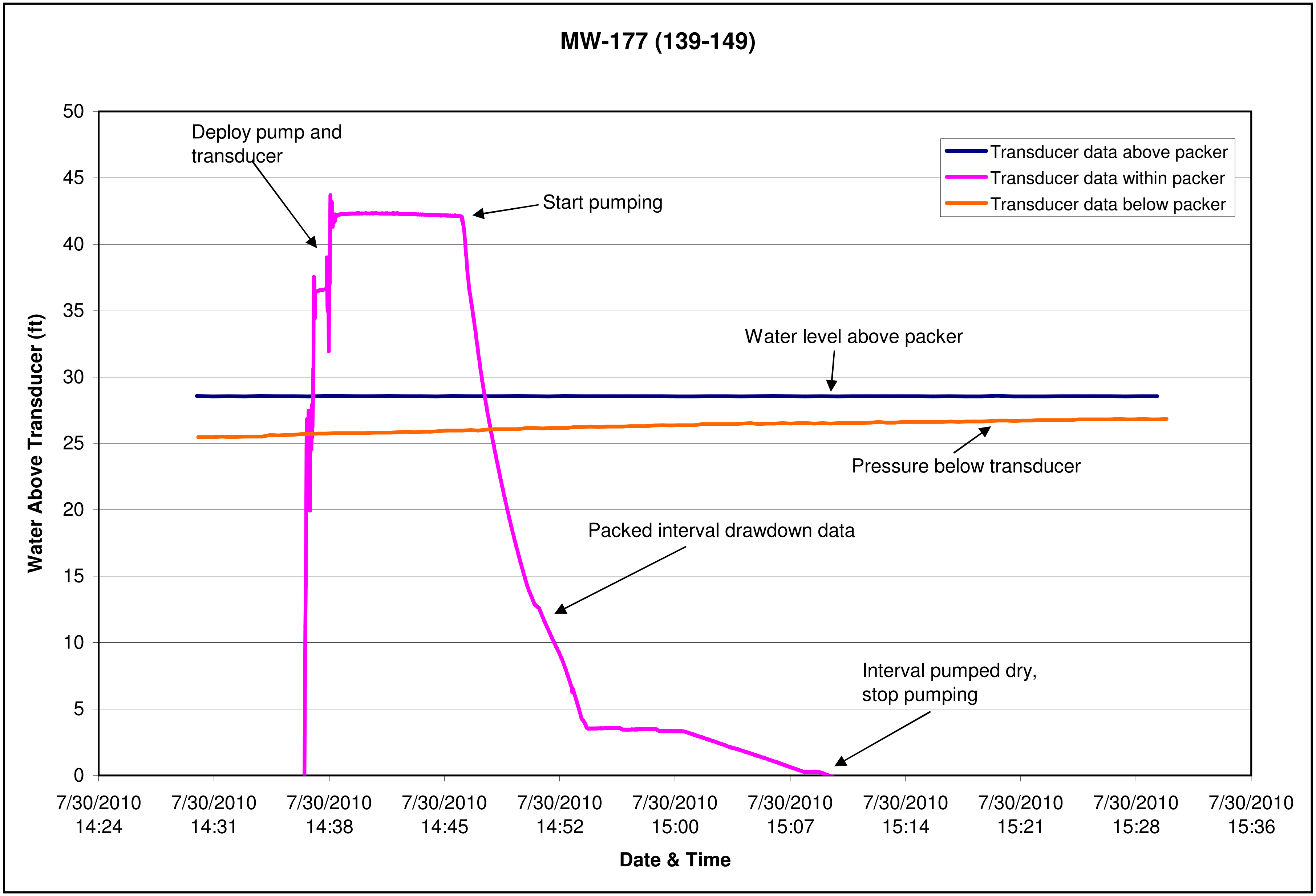

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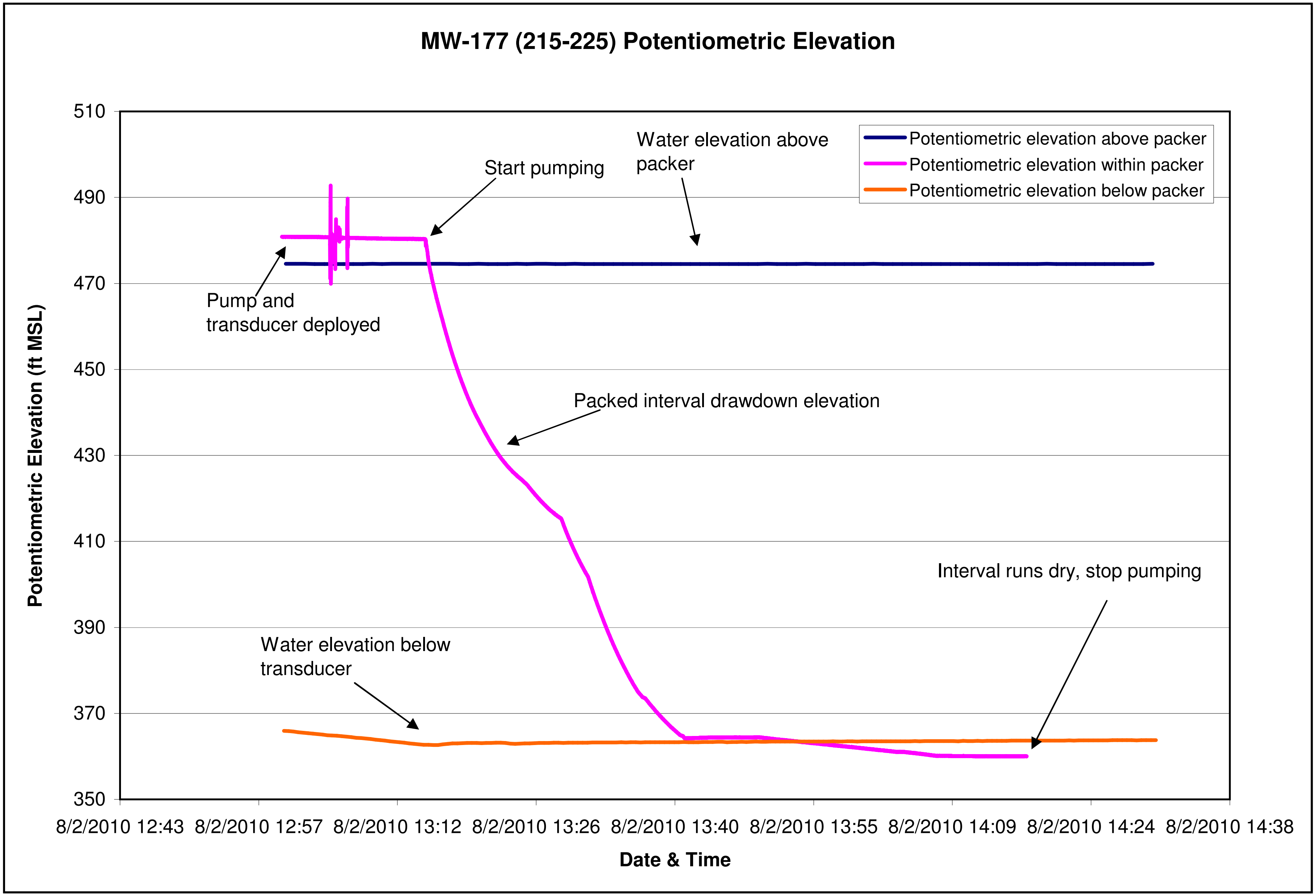

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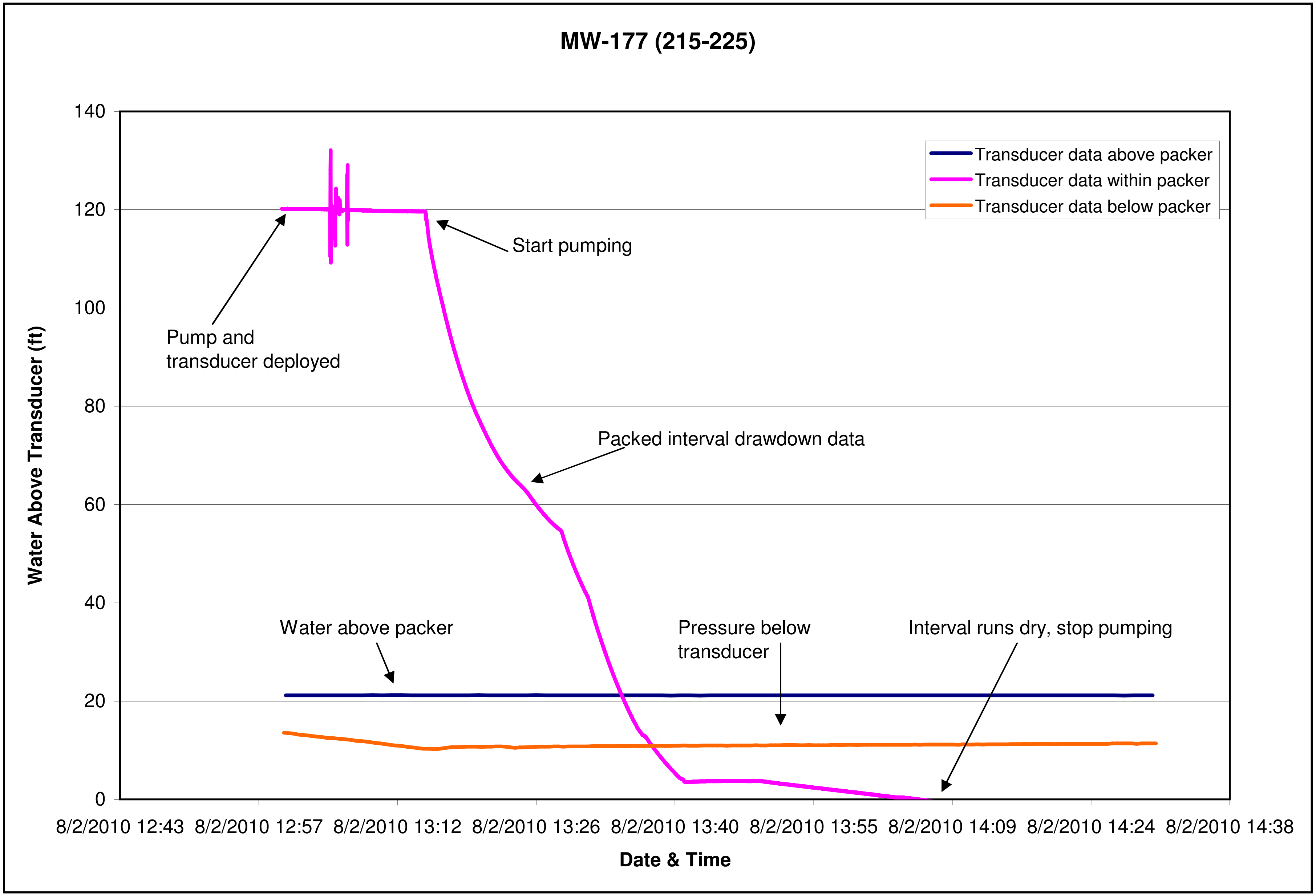

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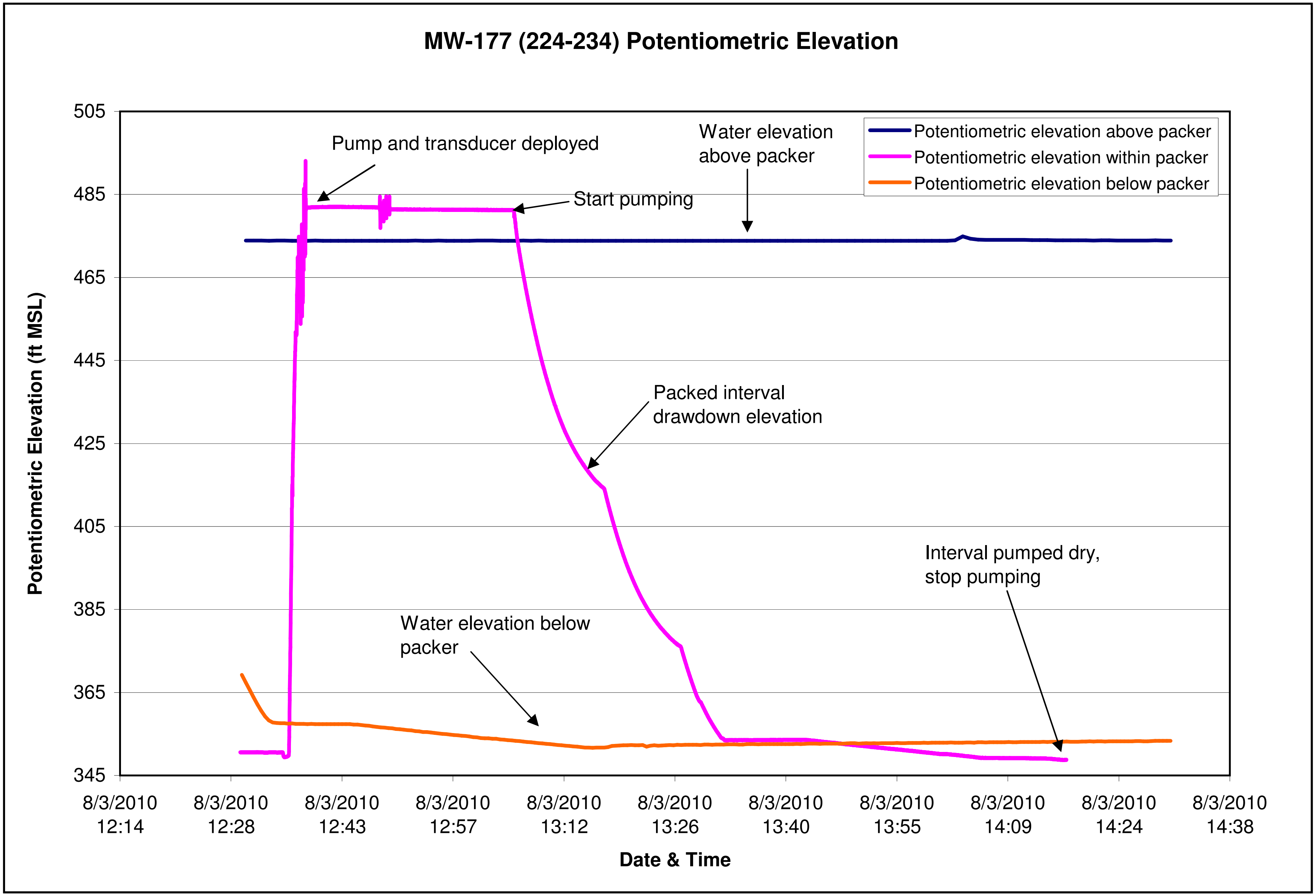

Kleinfelder
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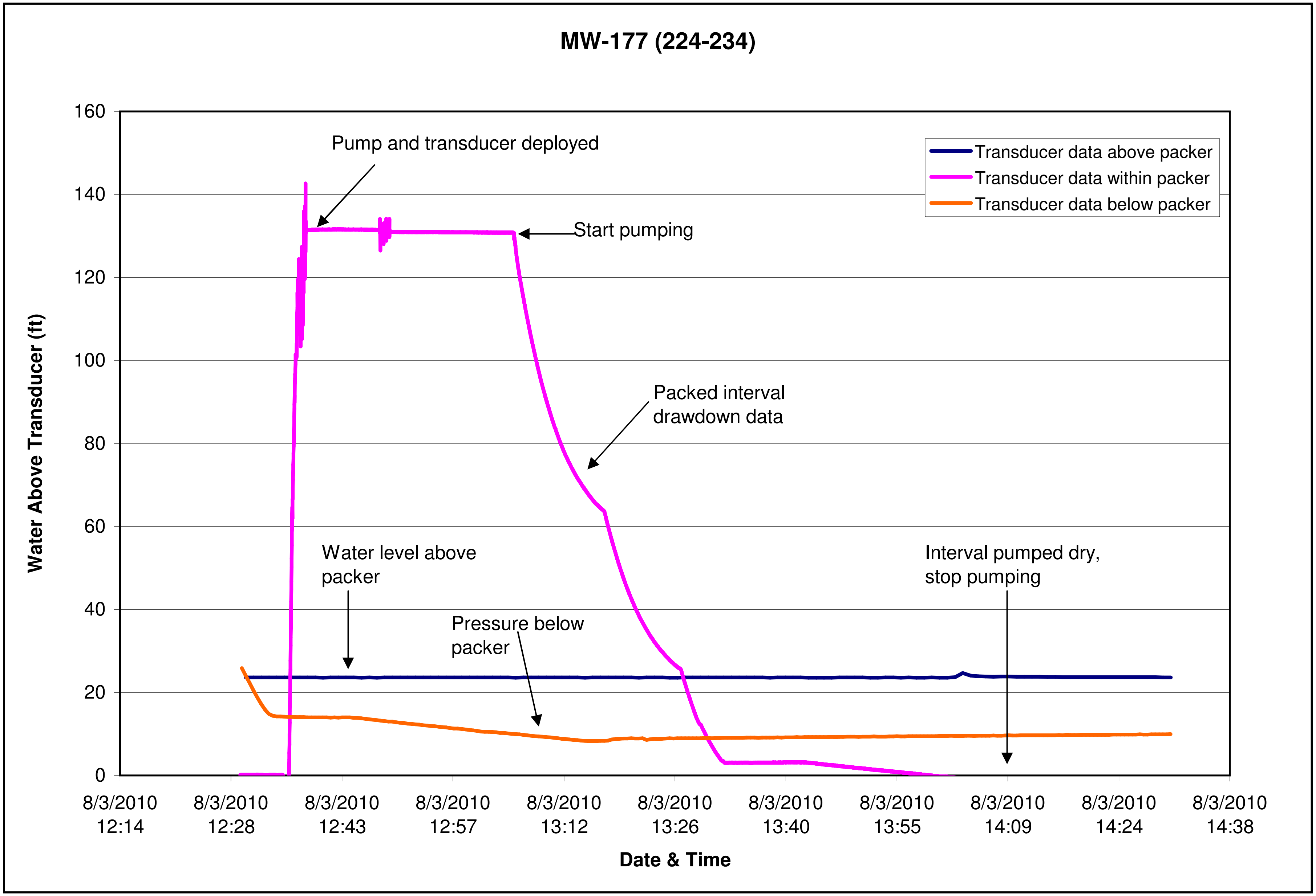
Hanover, Maryland



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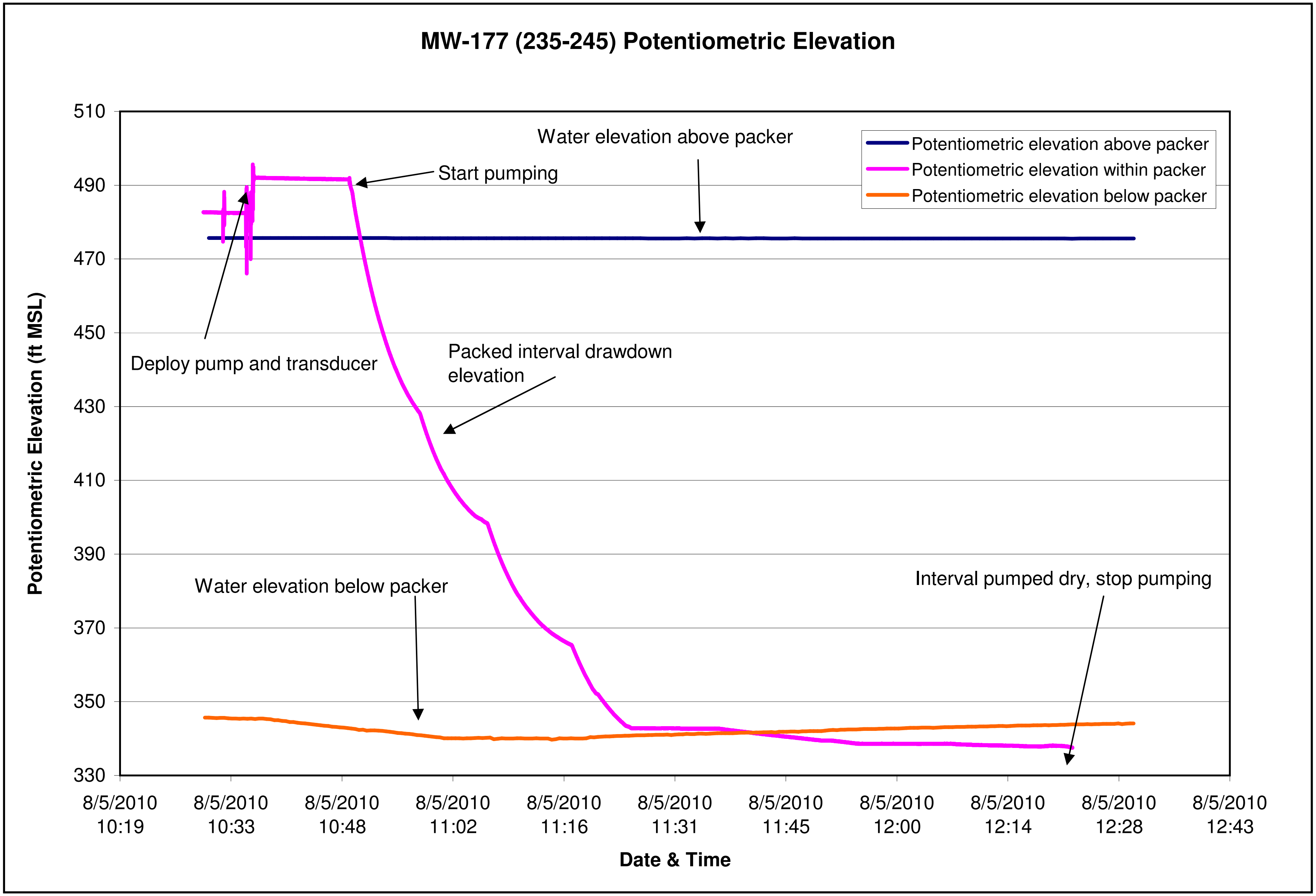

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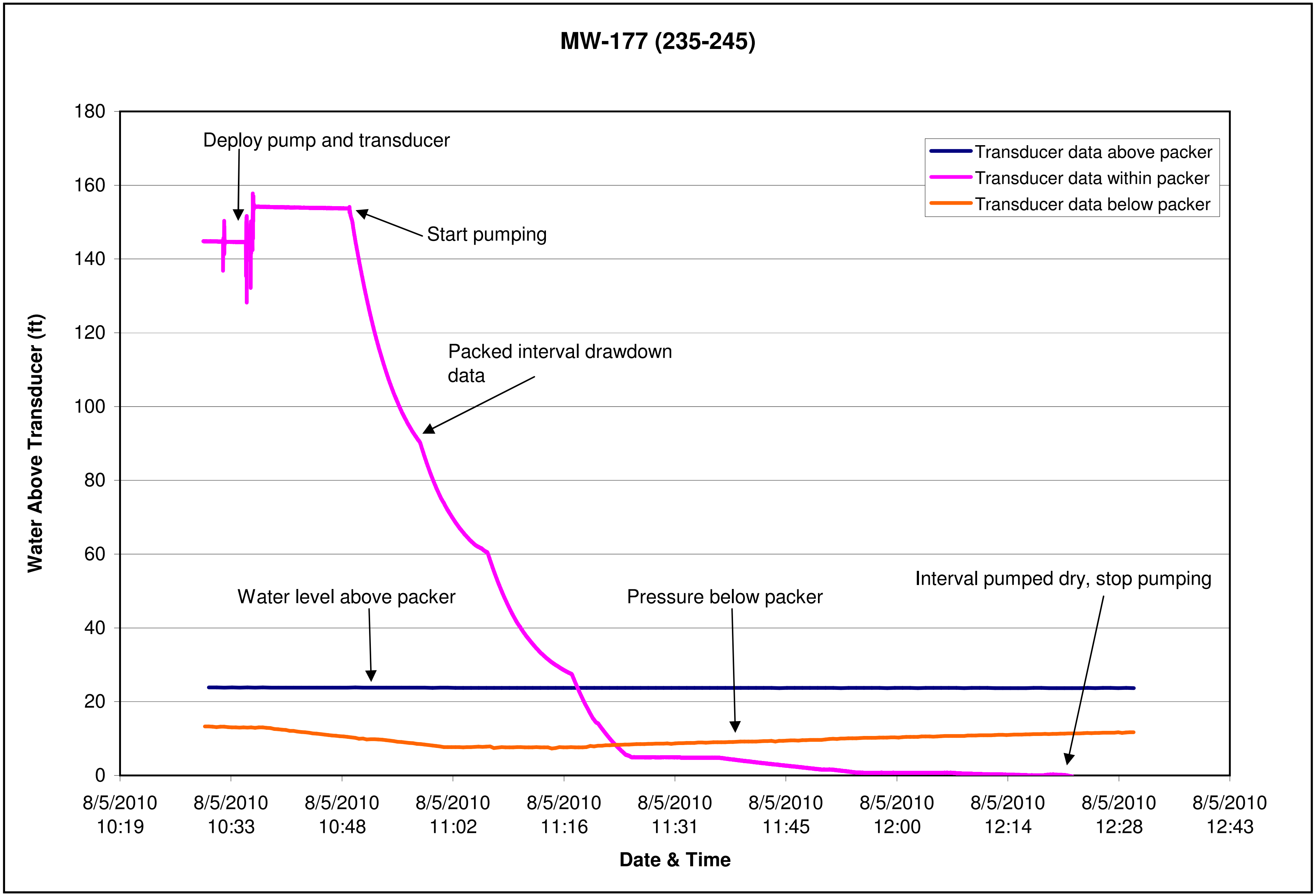

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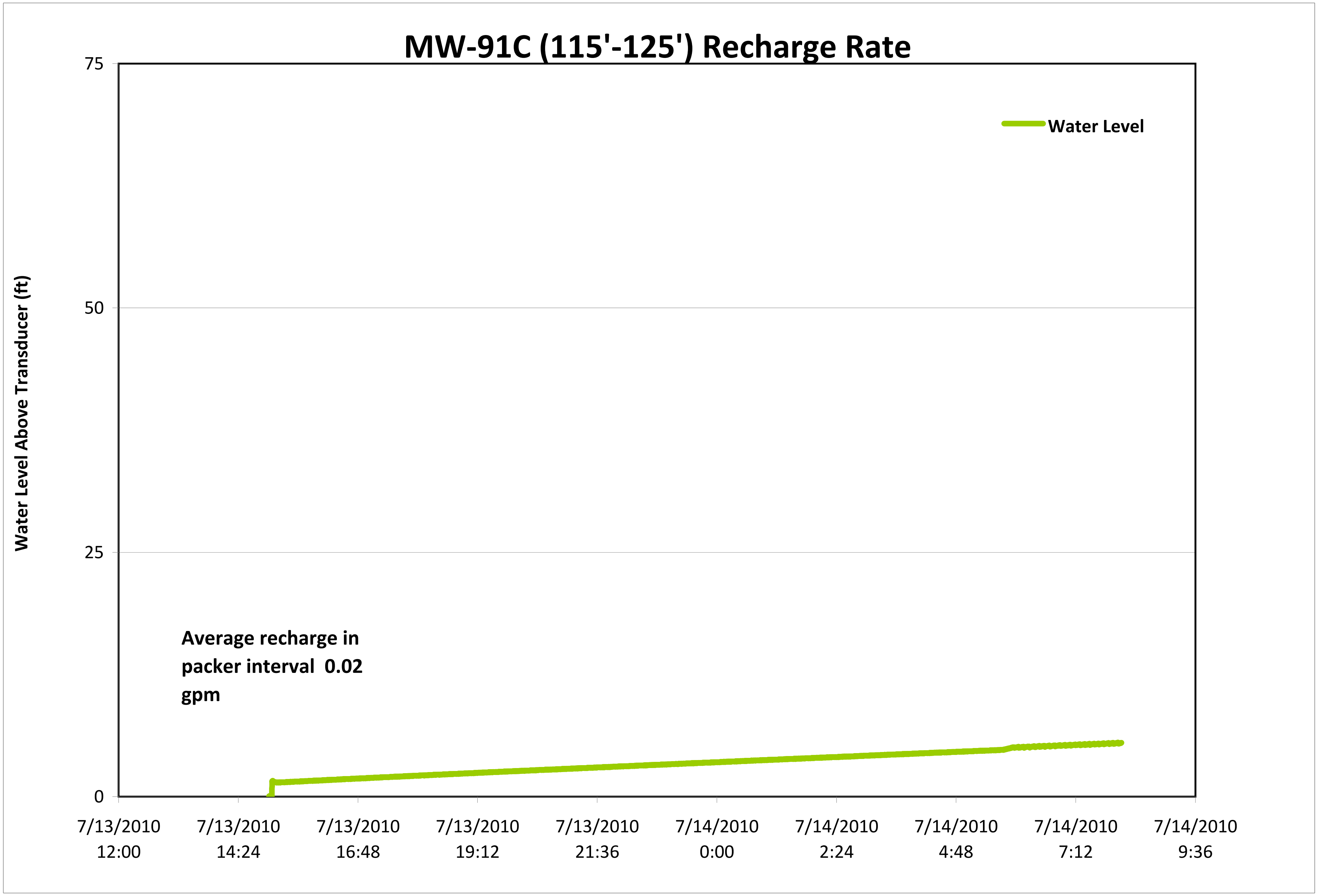
APPENDIX I
Packer Testing Recharge Plots



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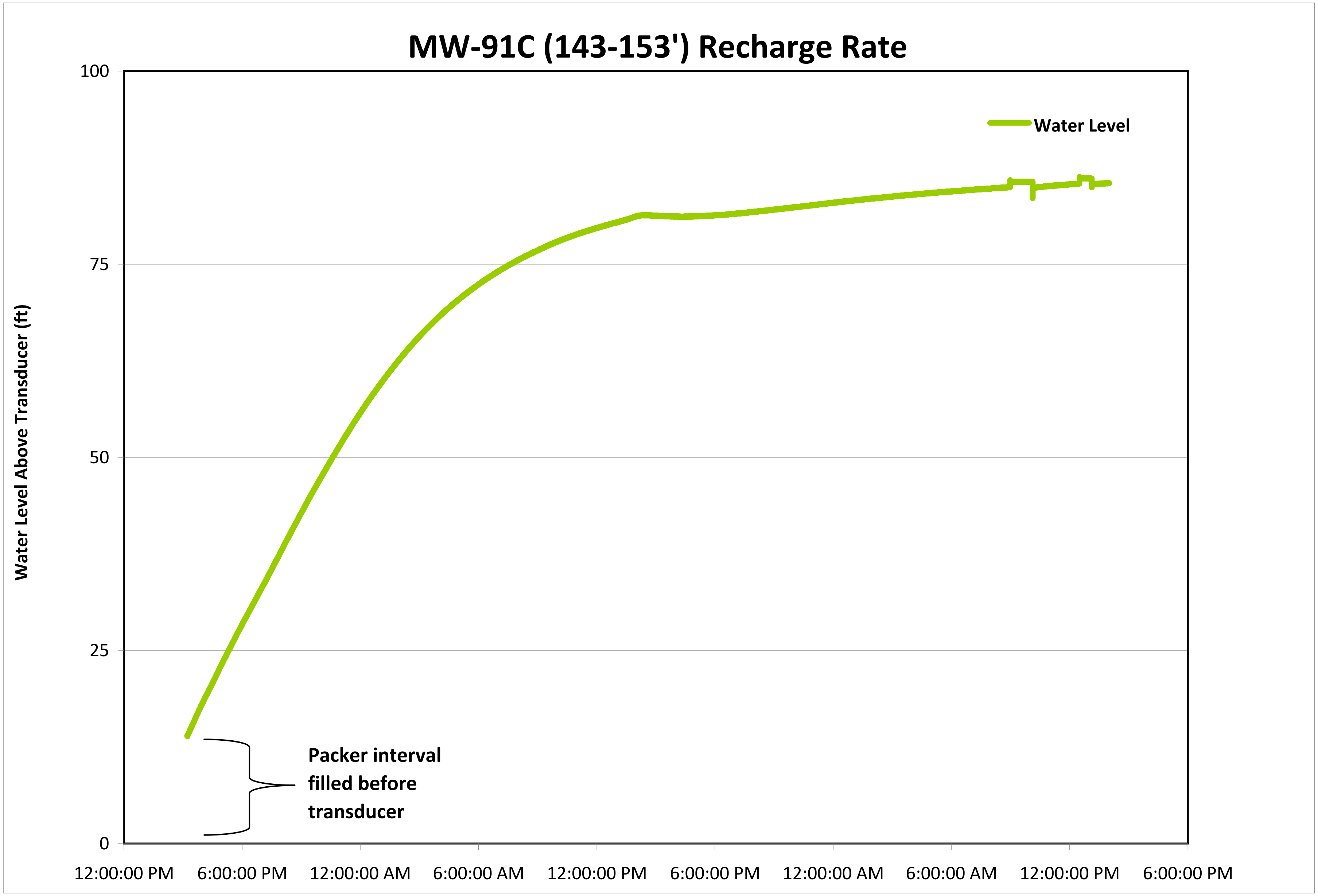

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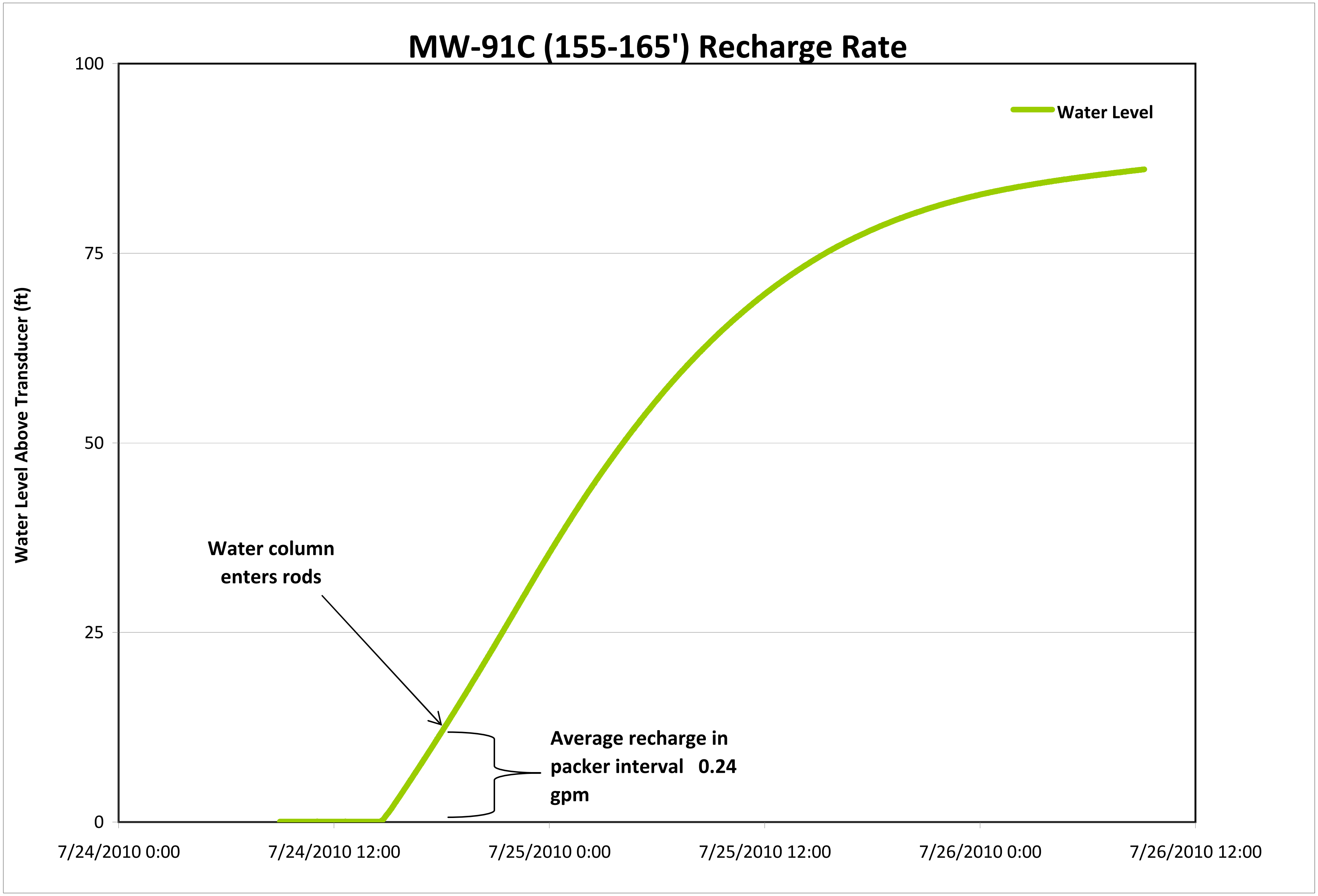

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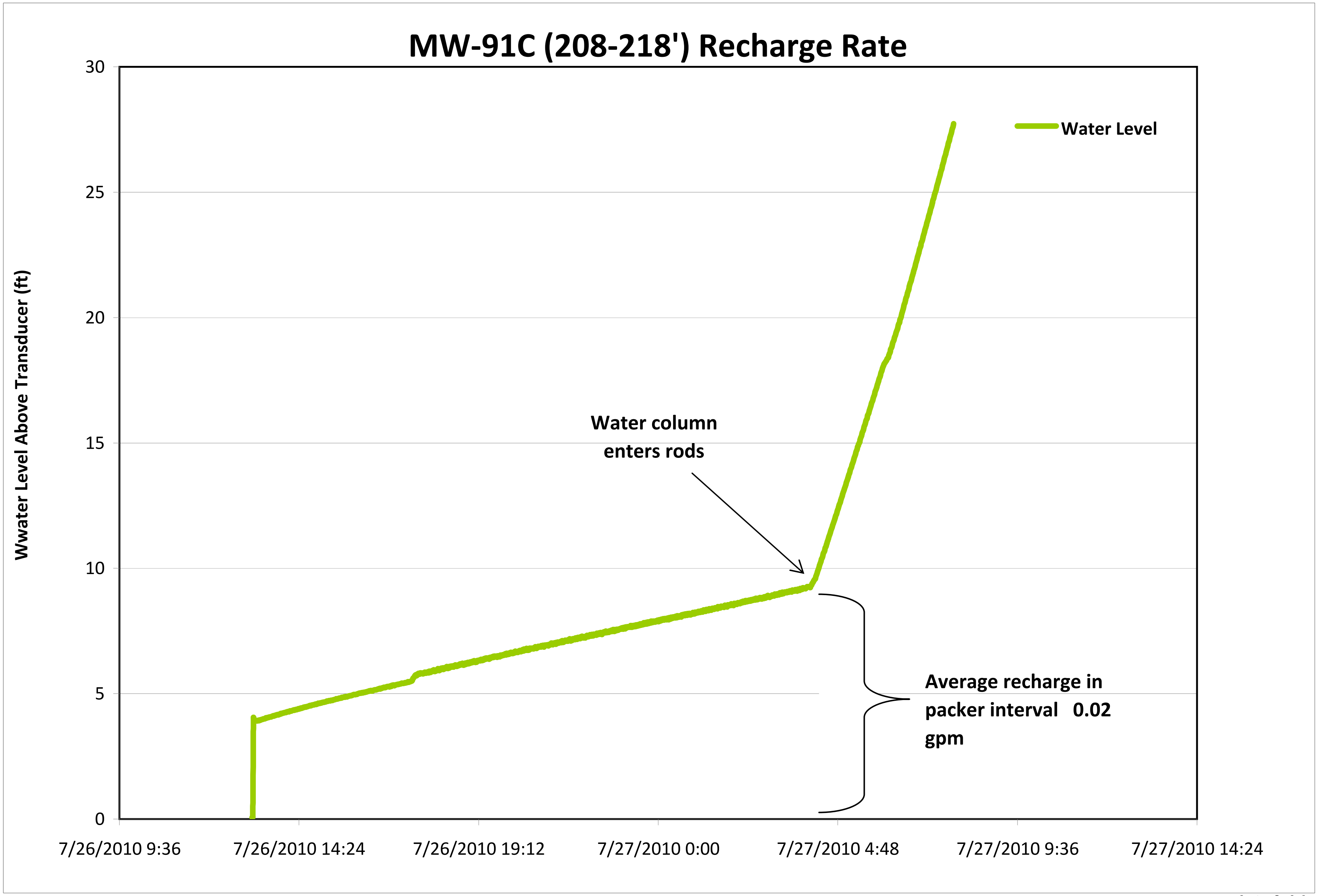

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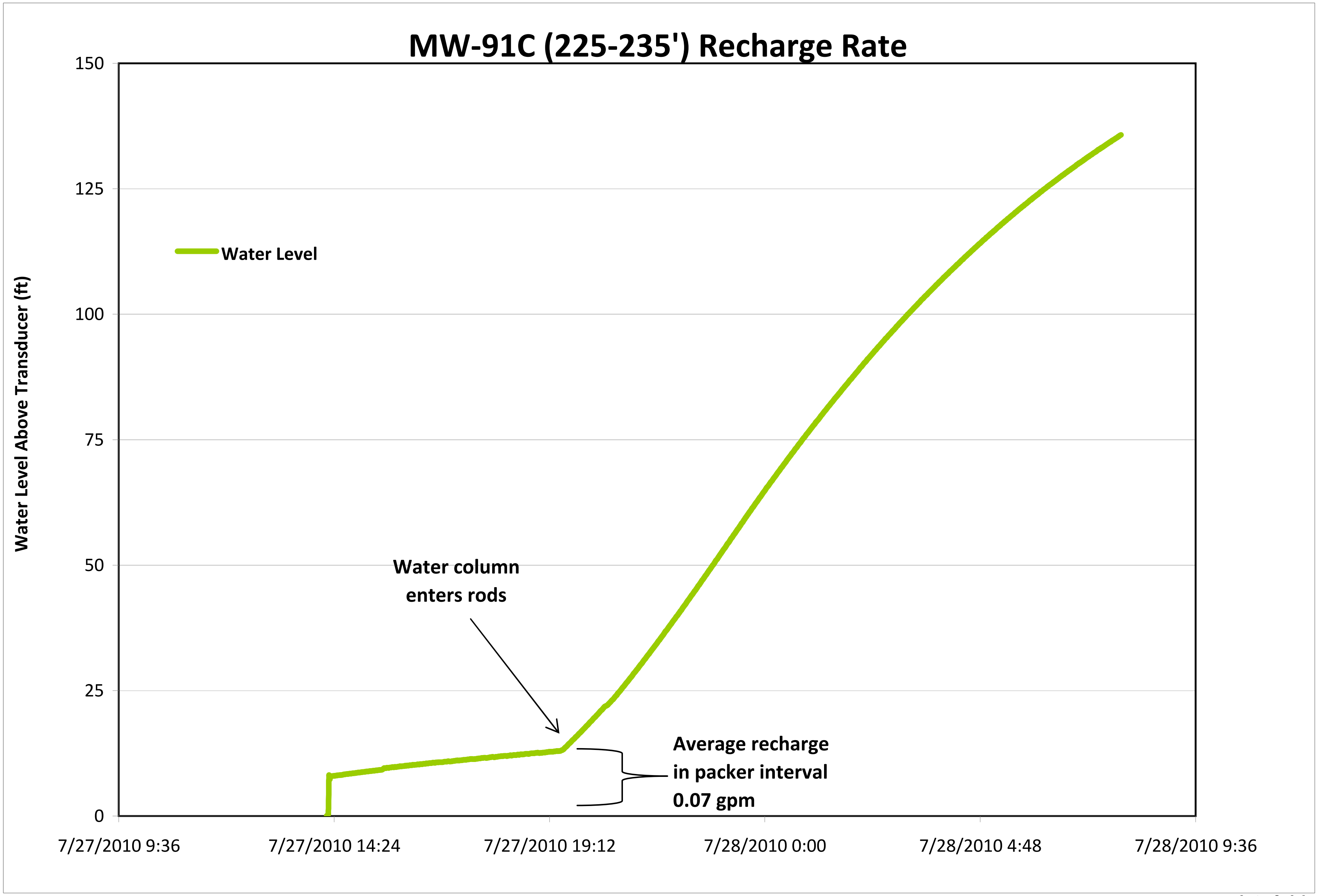

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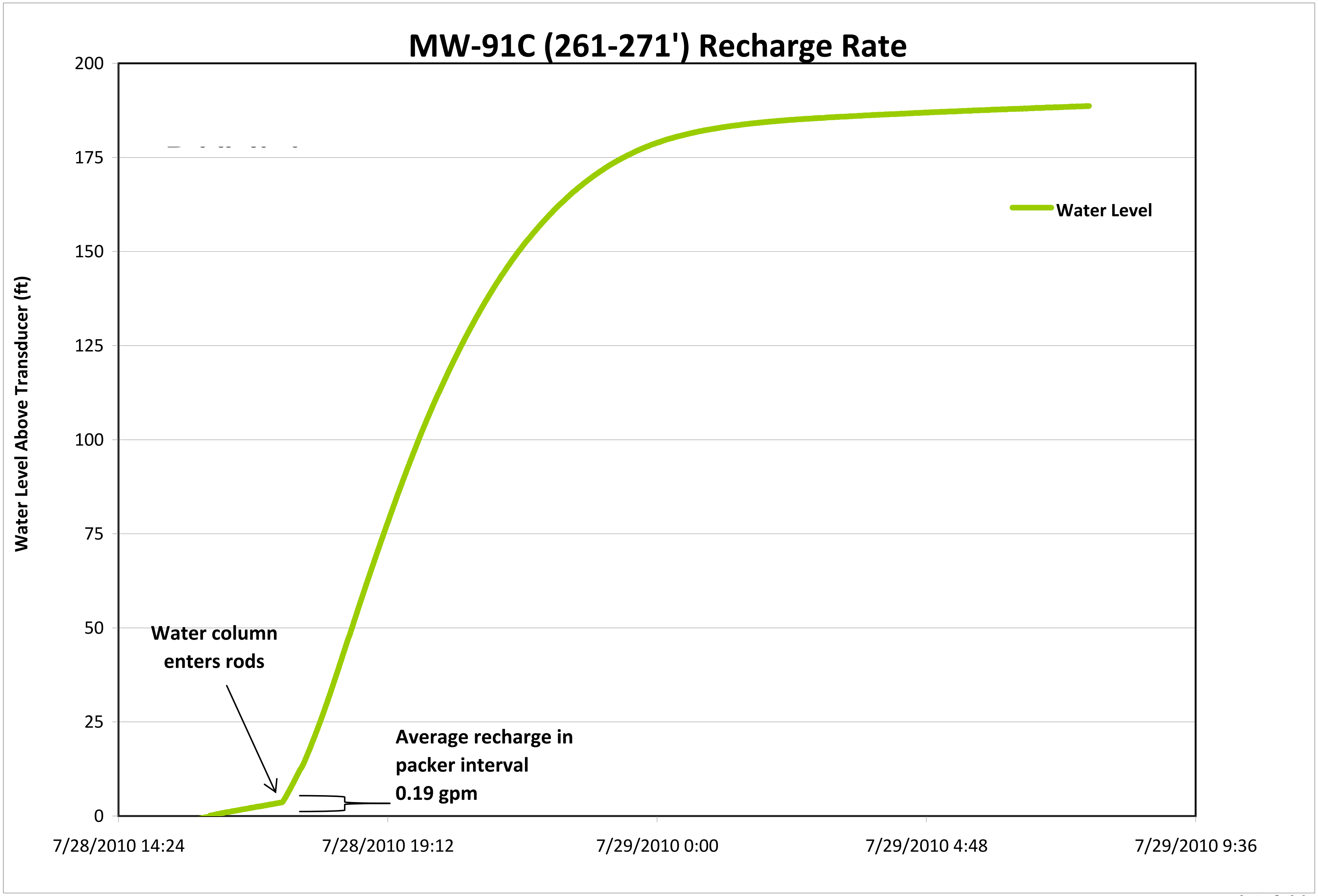

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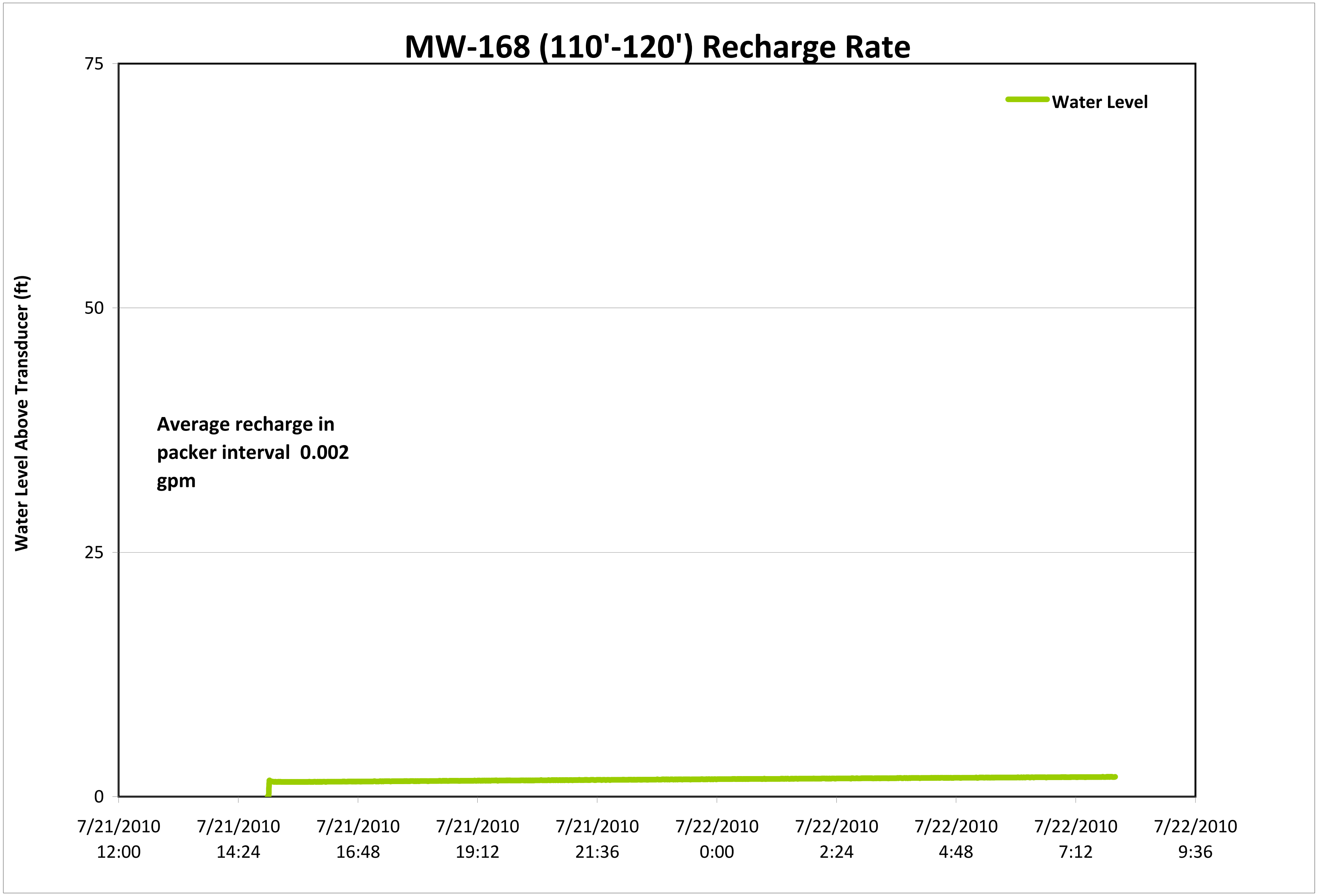

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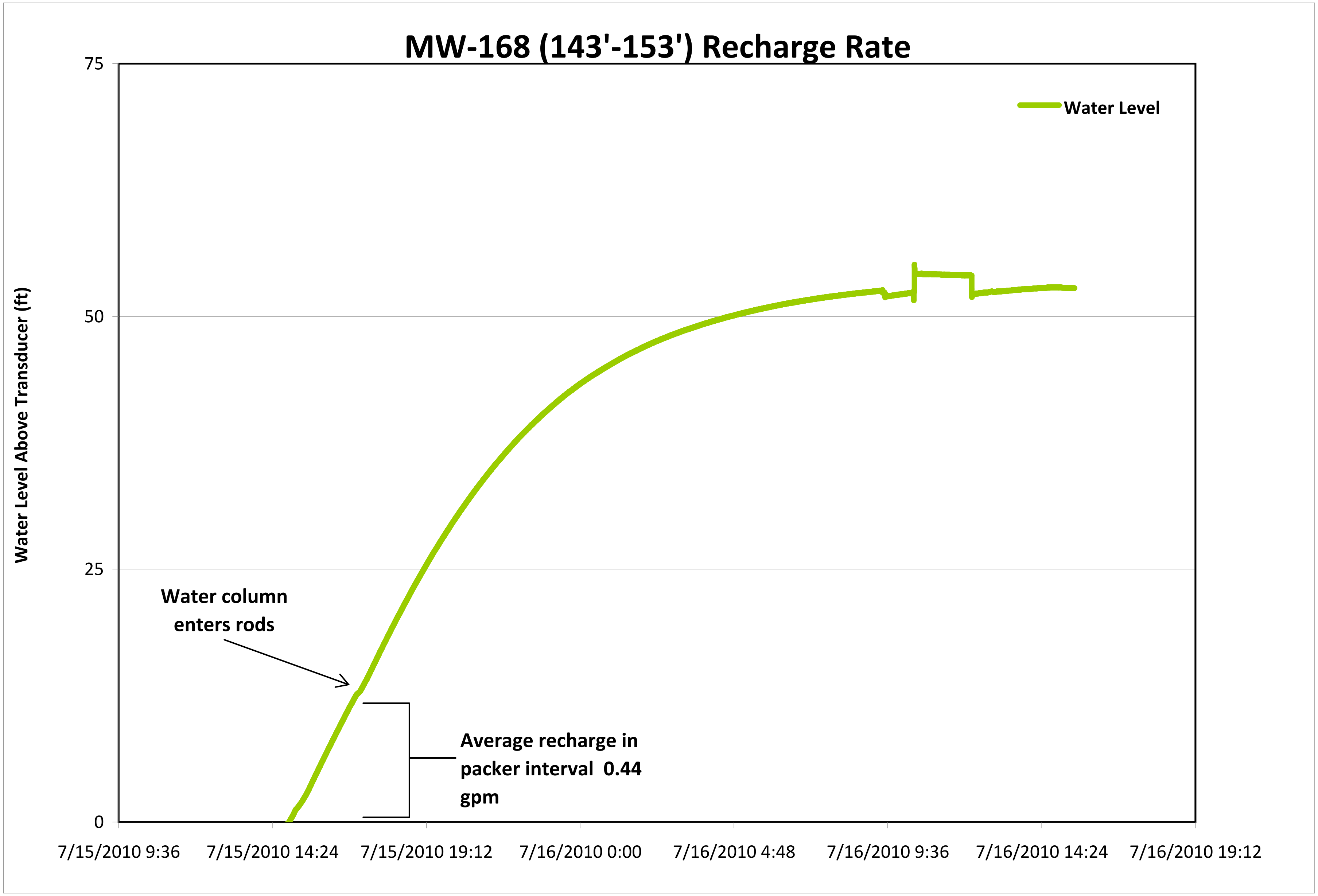

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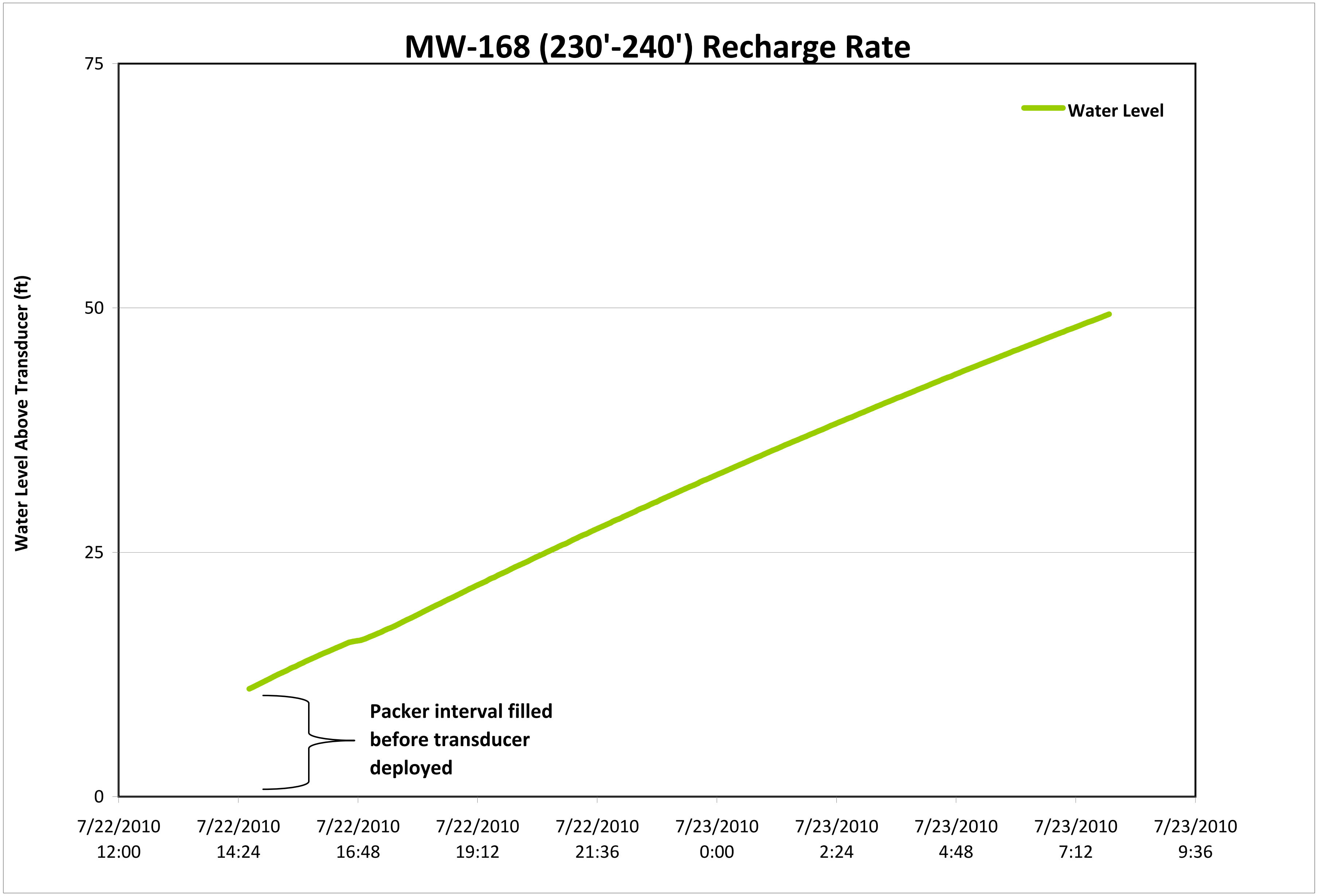

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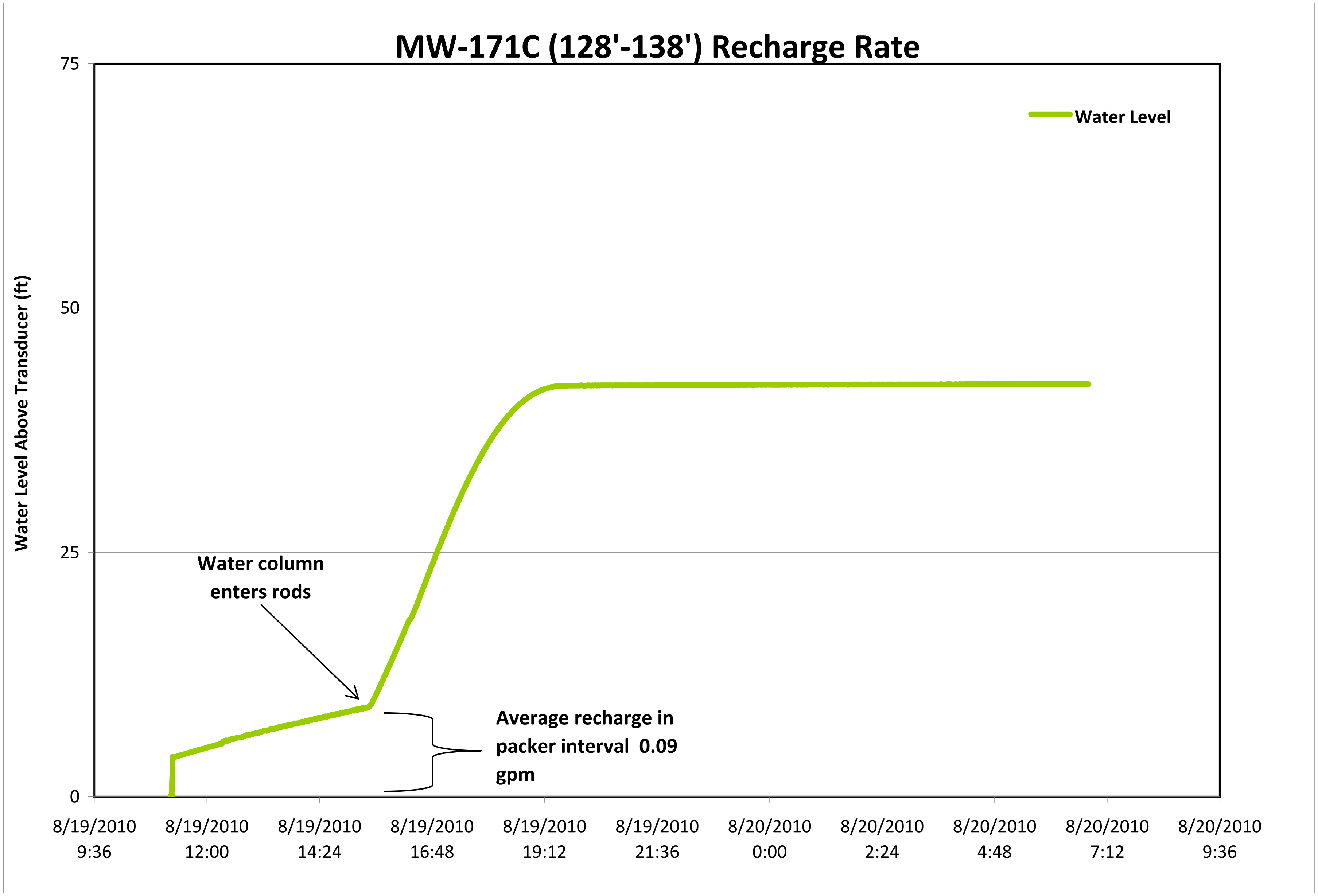

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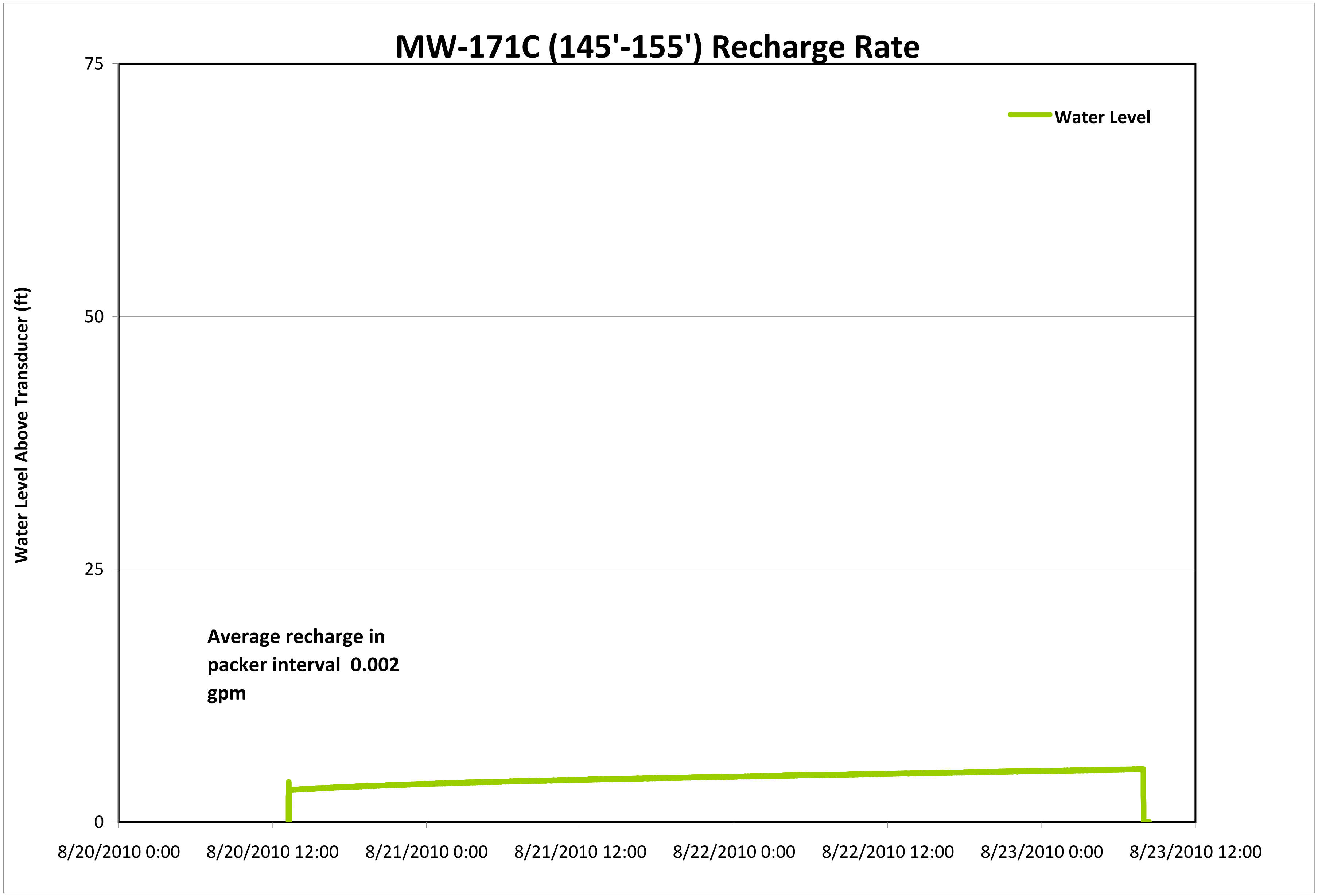

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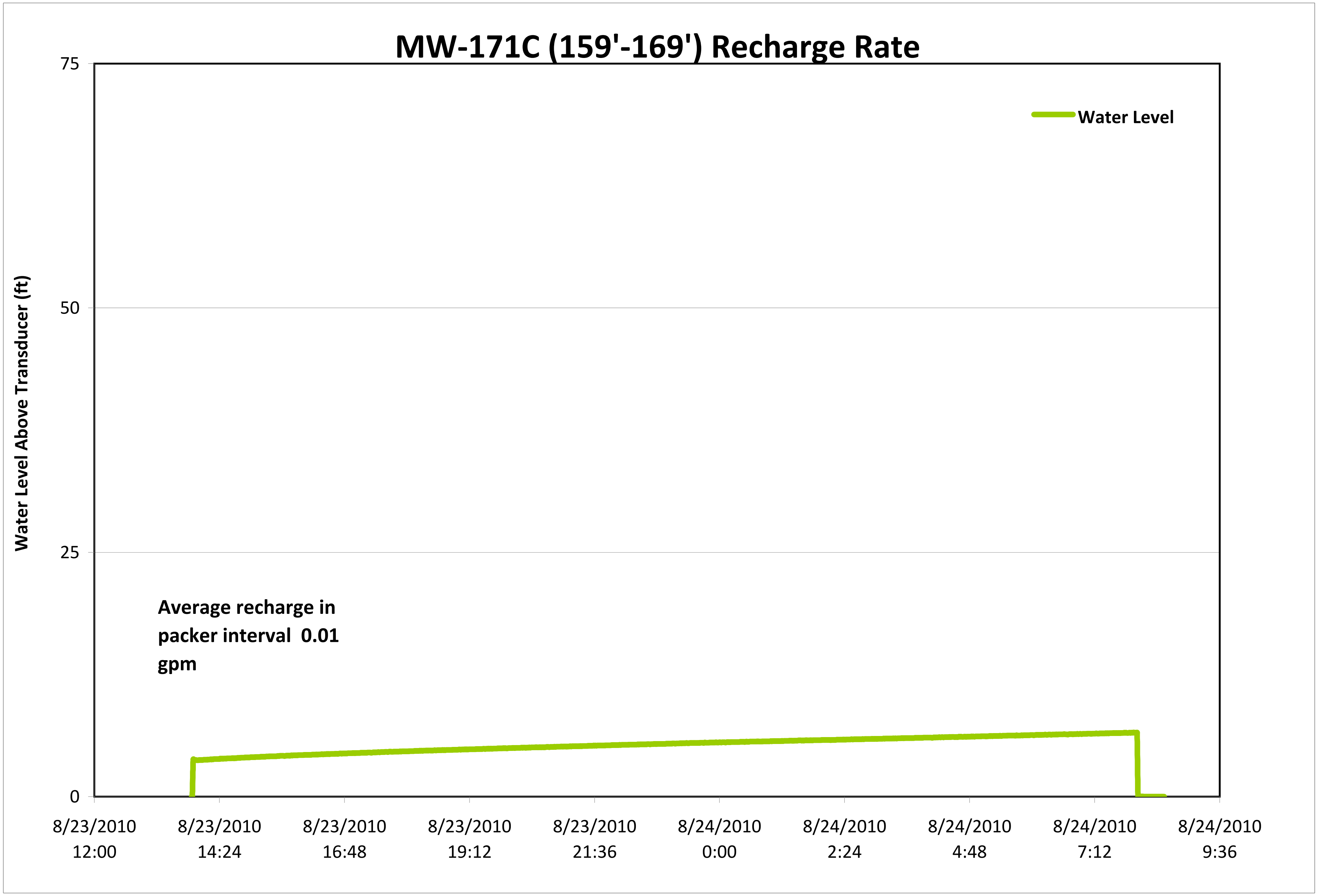

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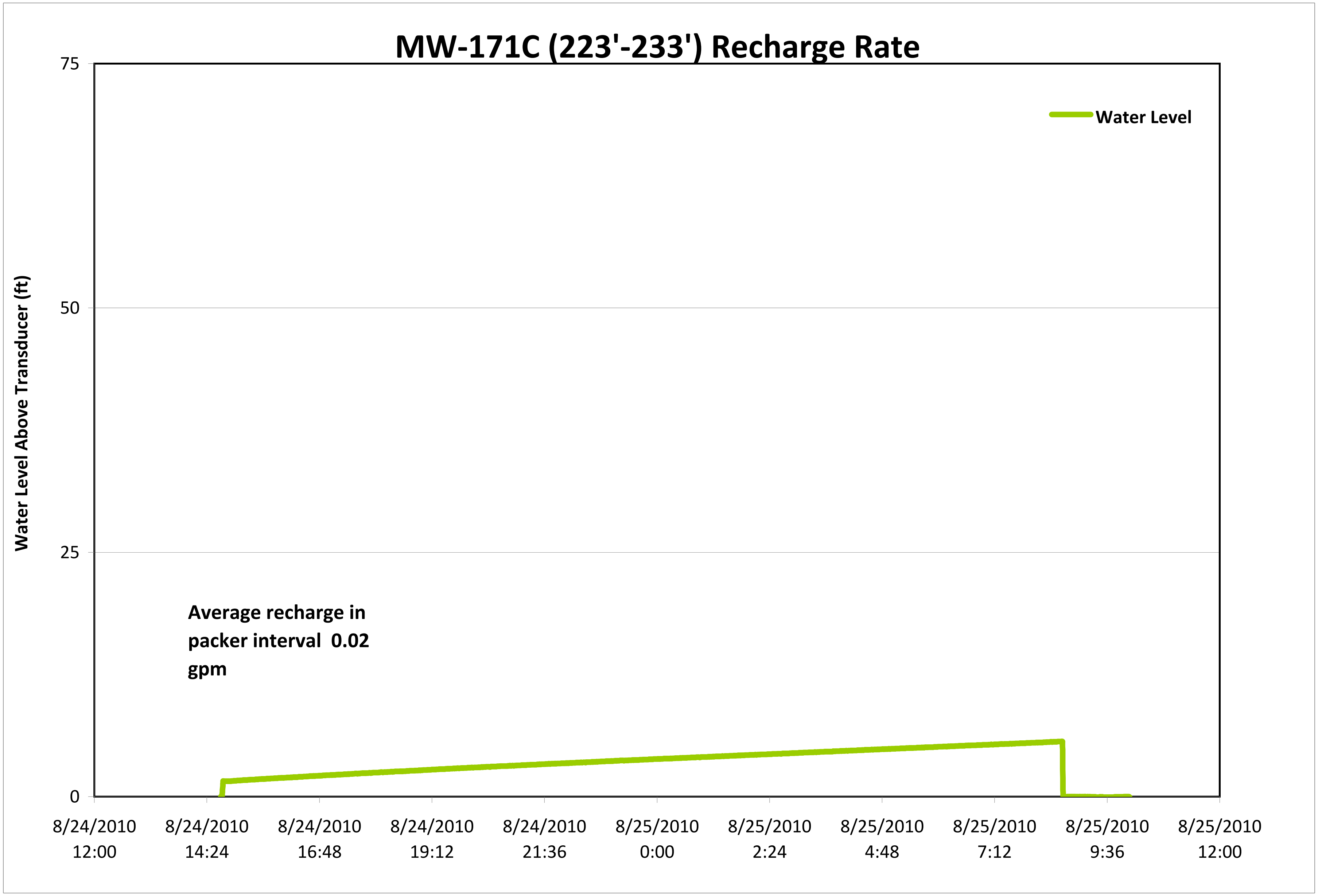

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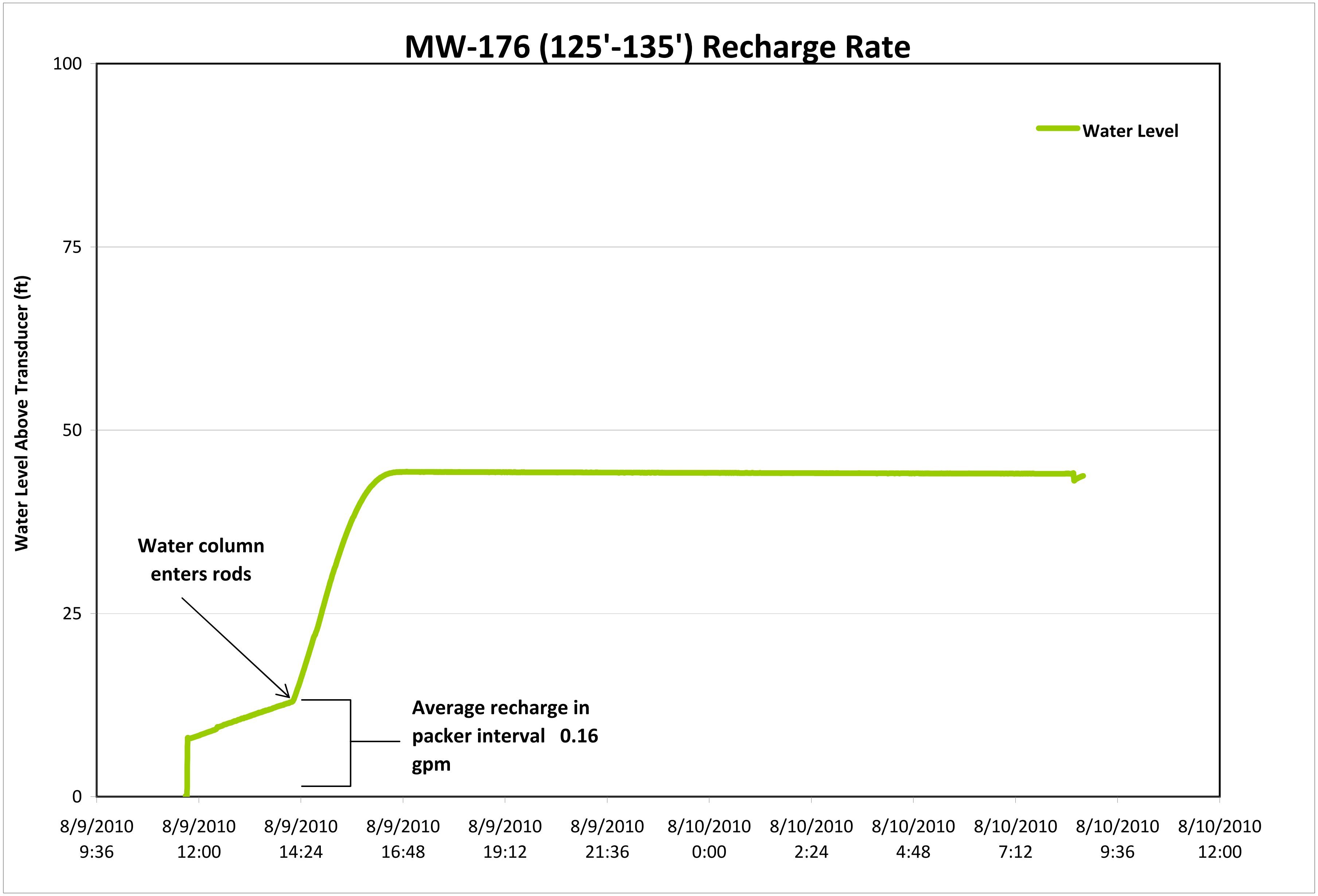

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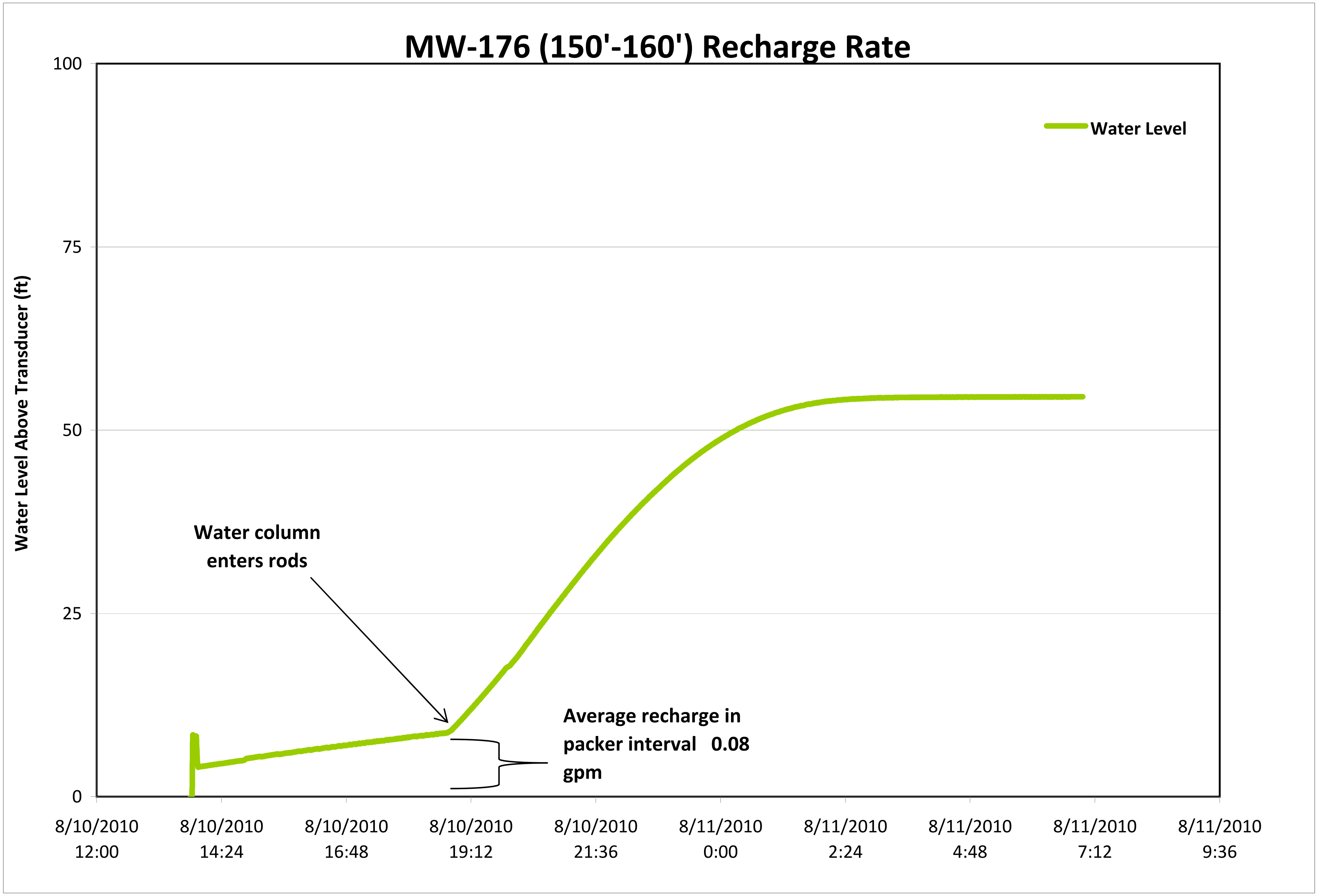

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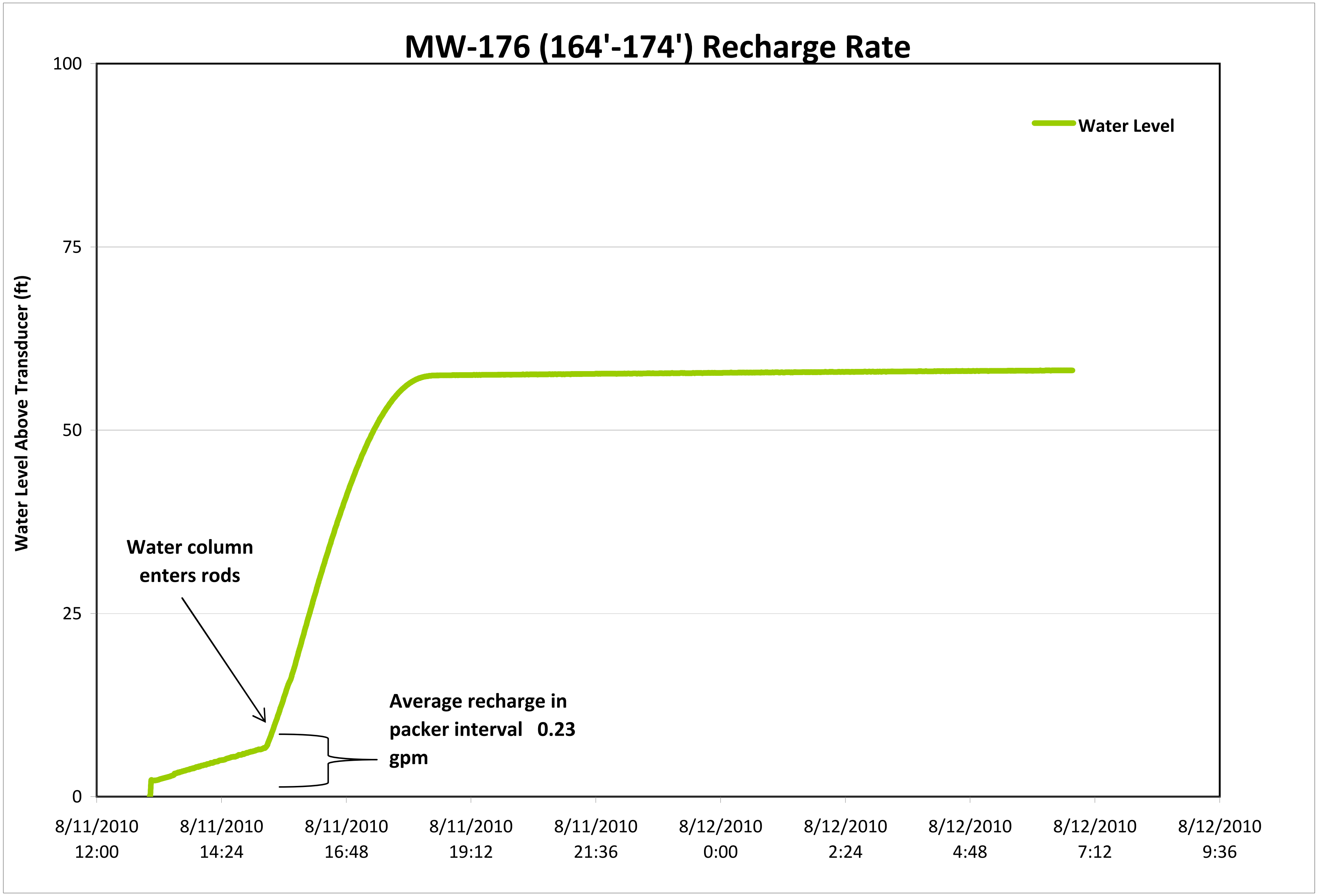

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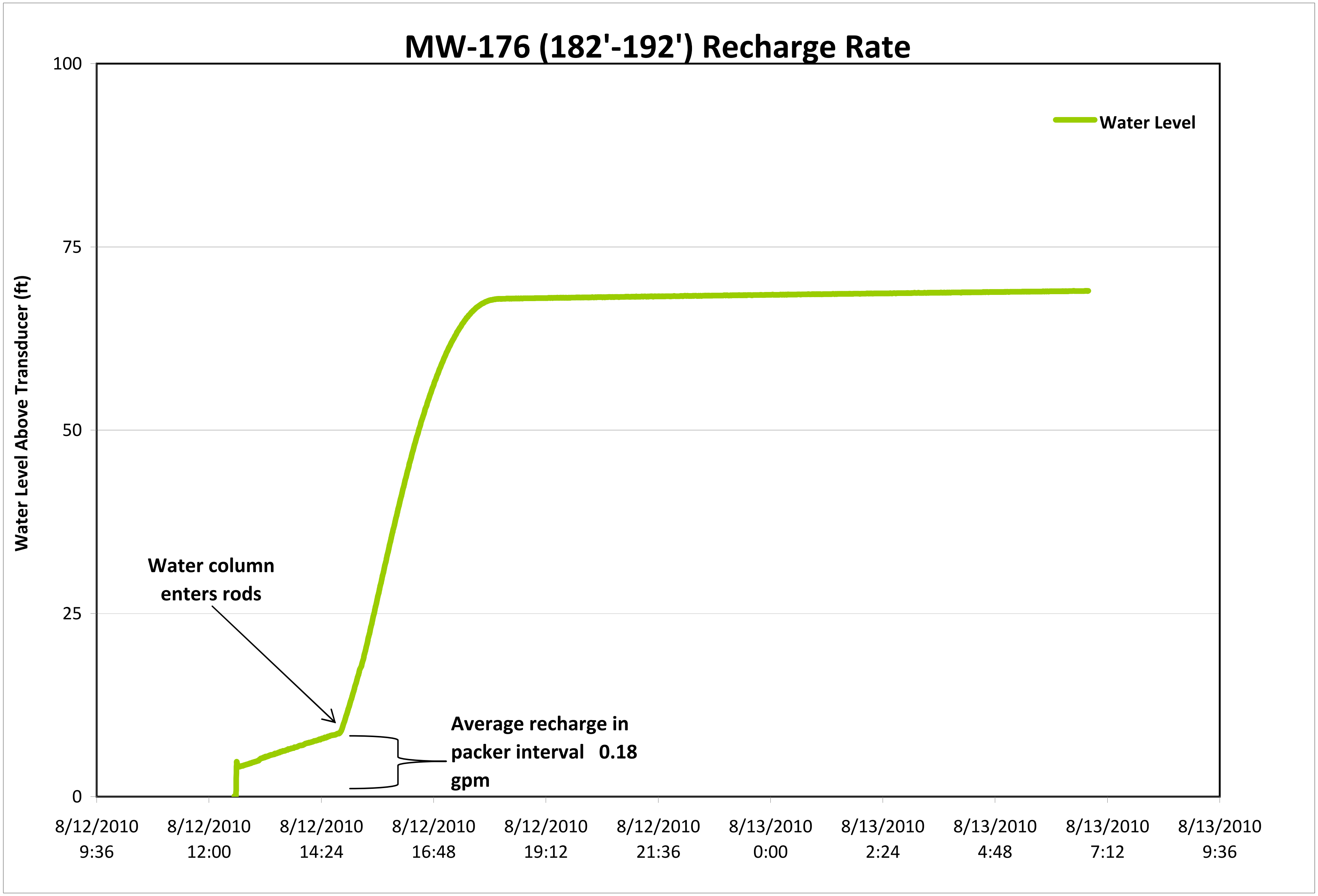

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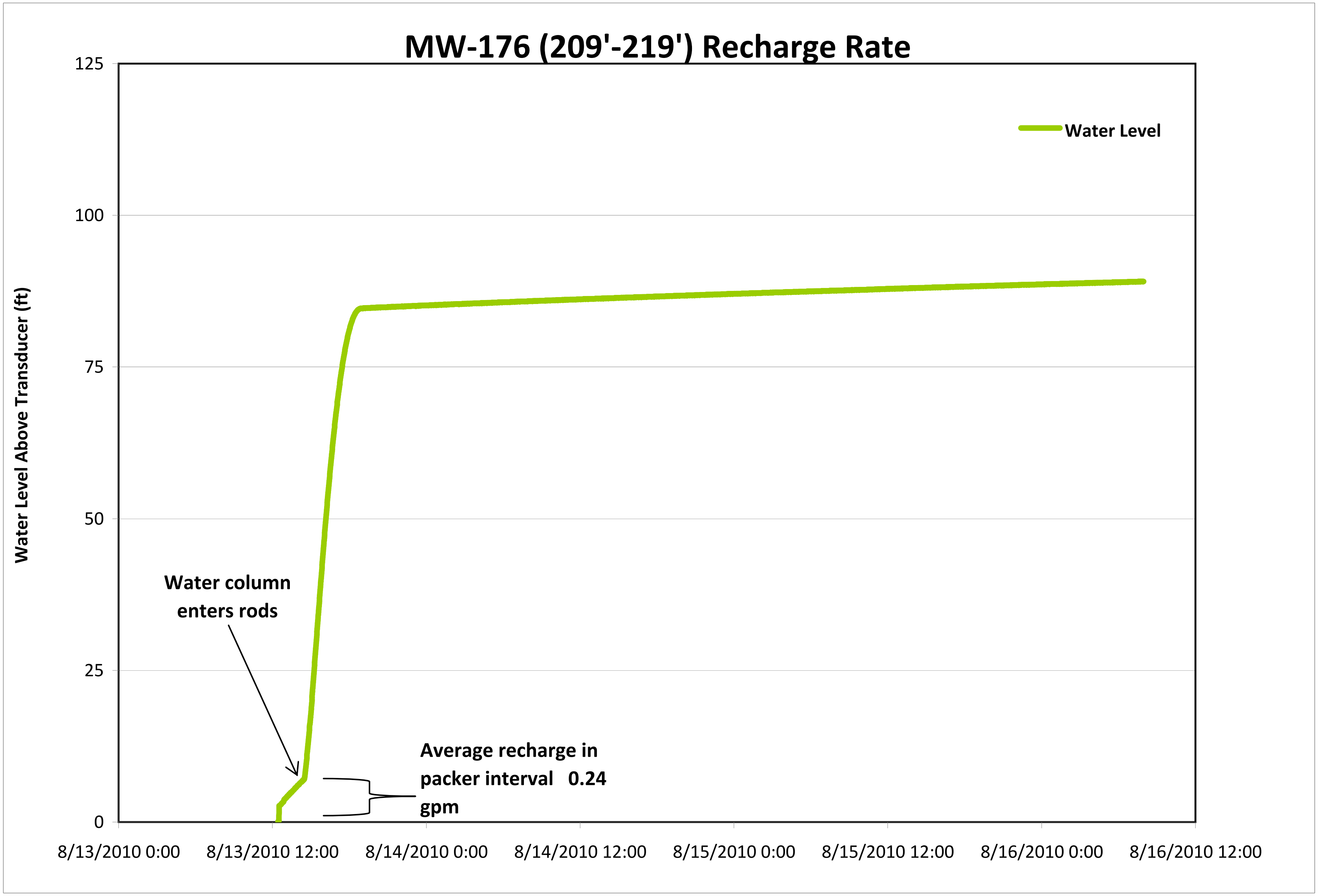

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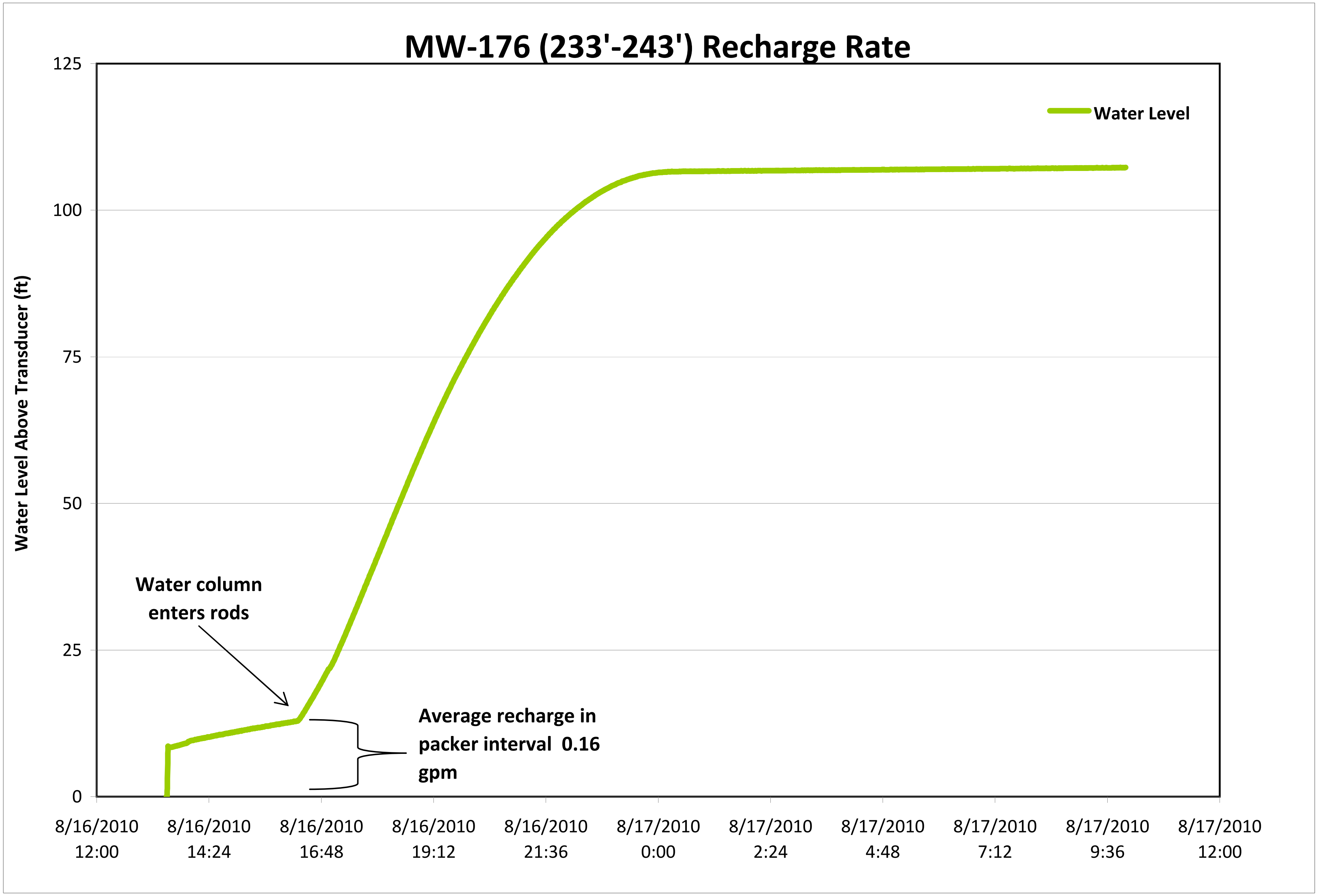

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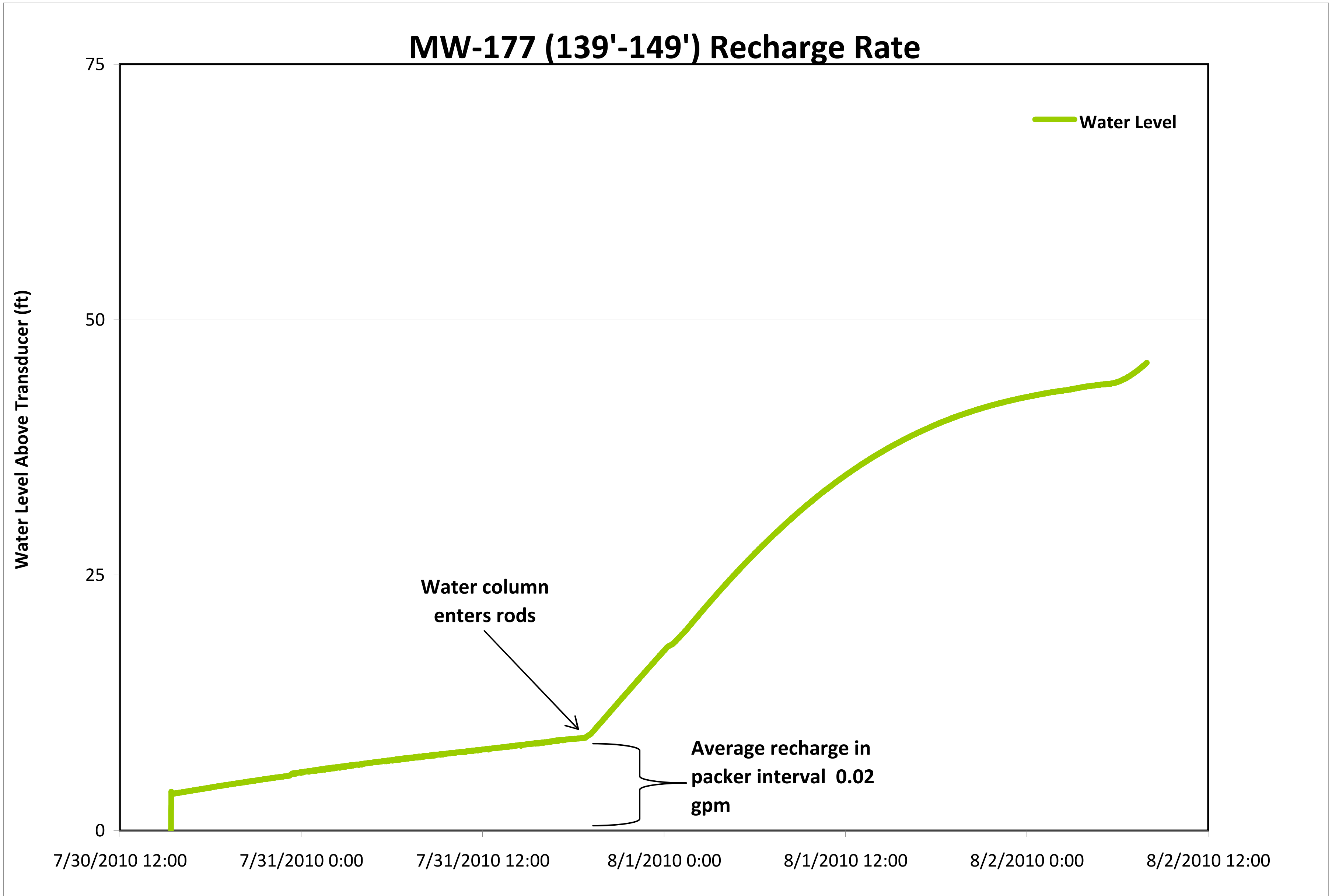

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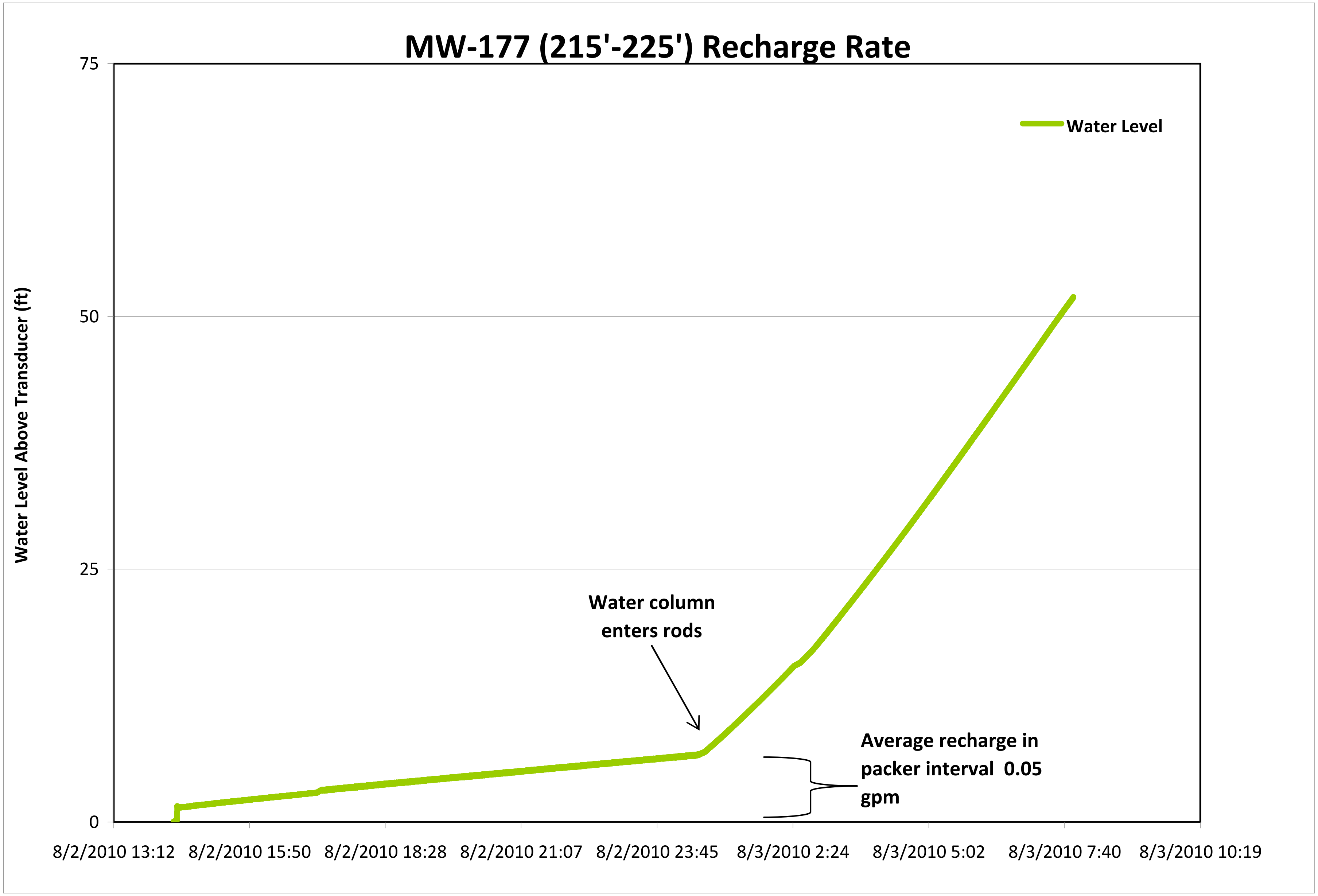

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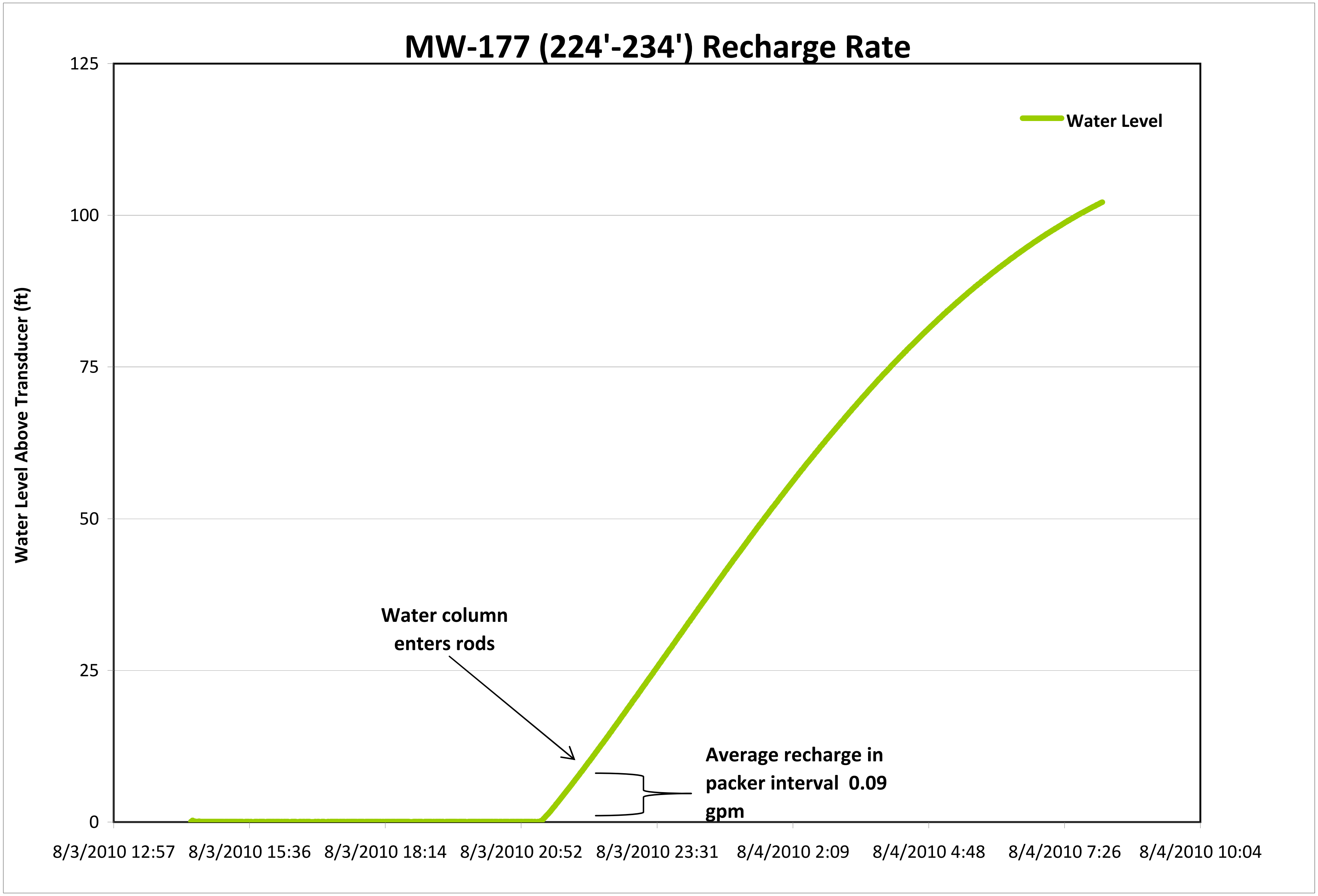

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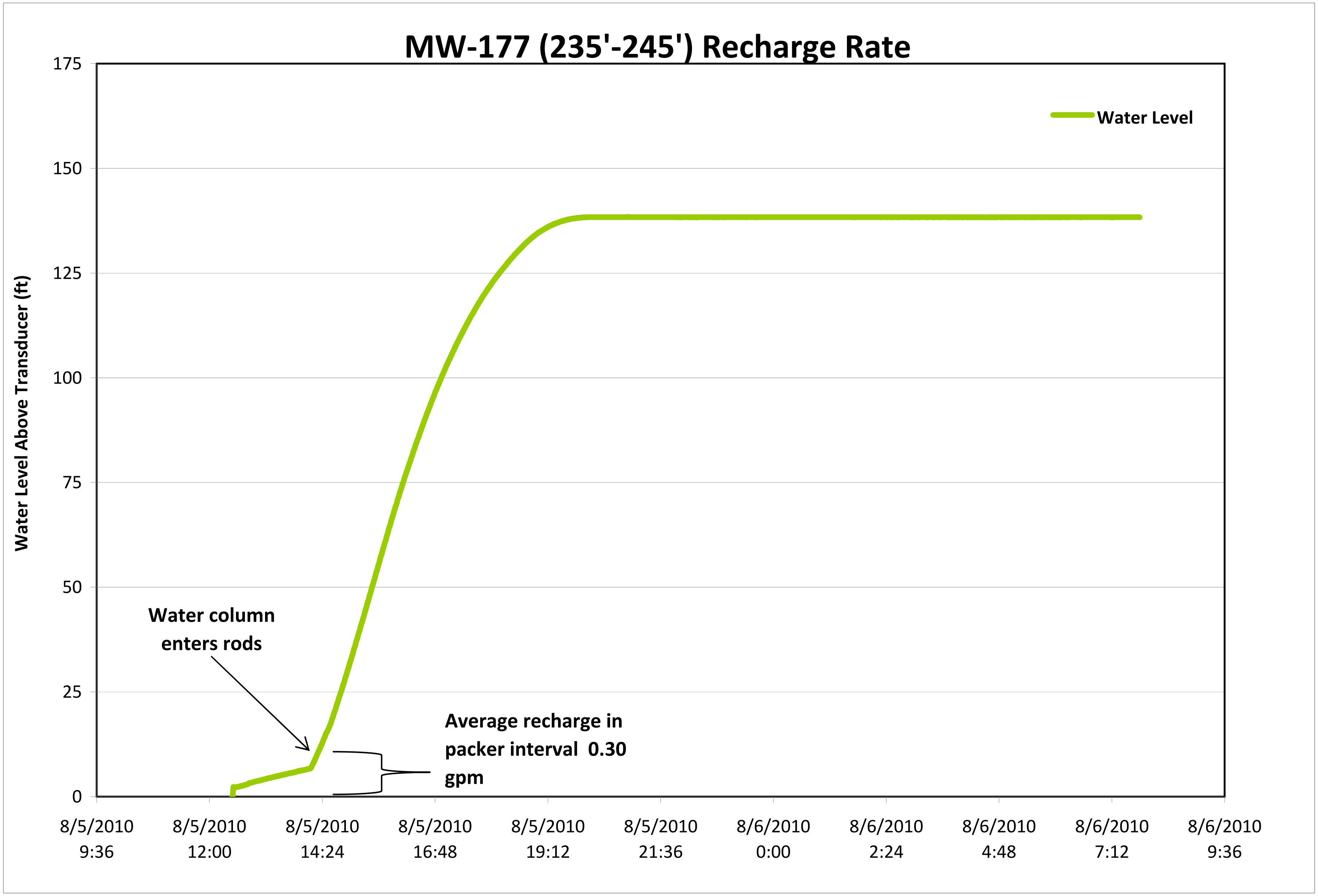

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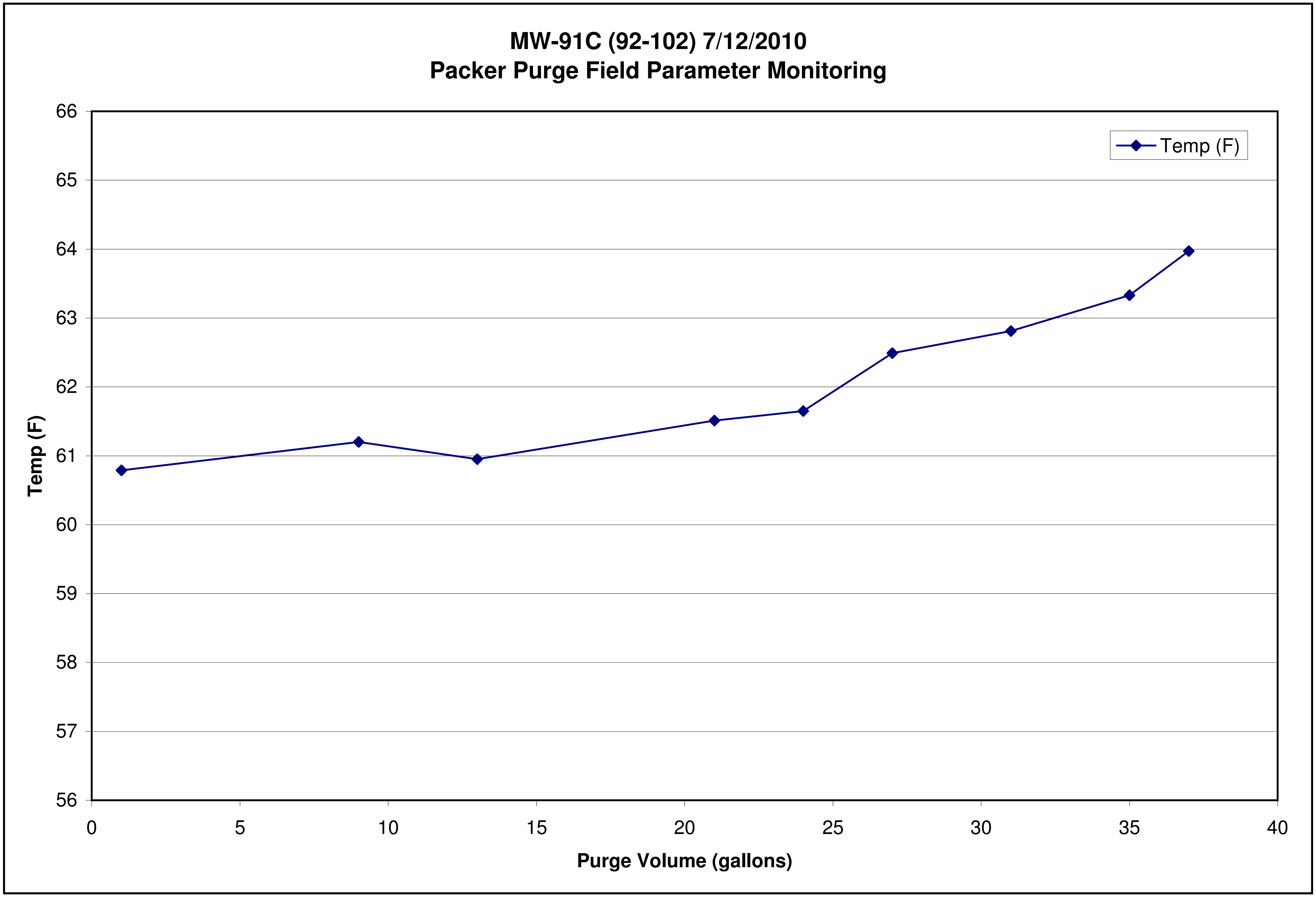
Hanover, Maryland

APPENDIX J
Packer Testing Field Parameters Data Charts

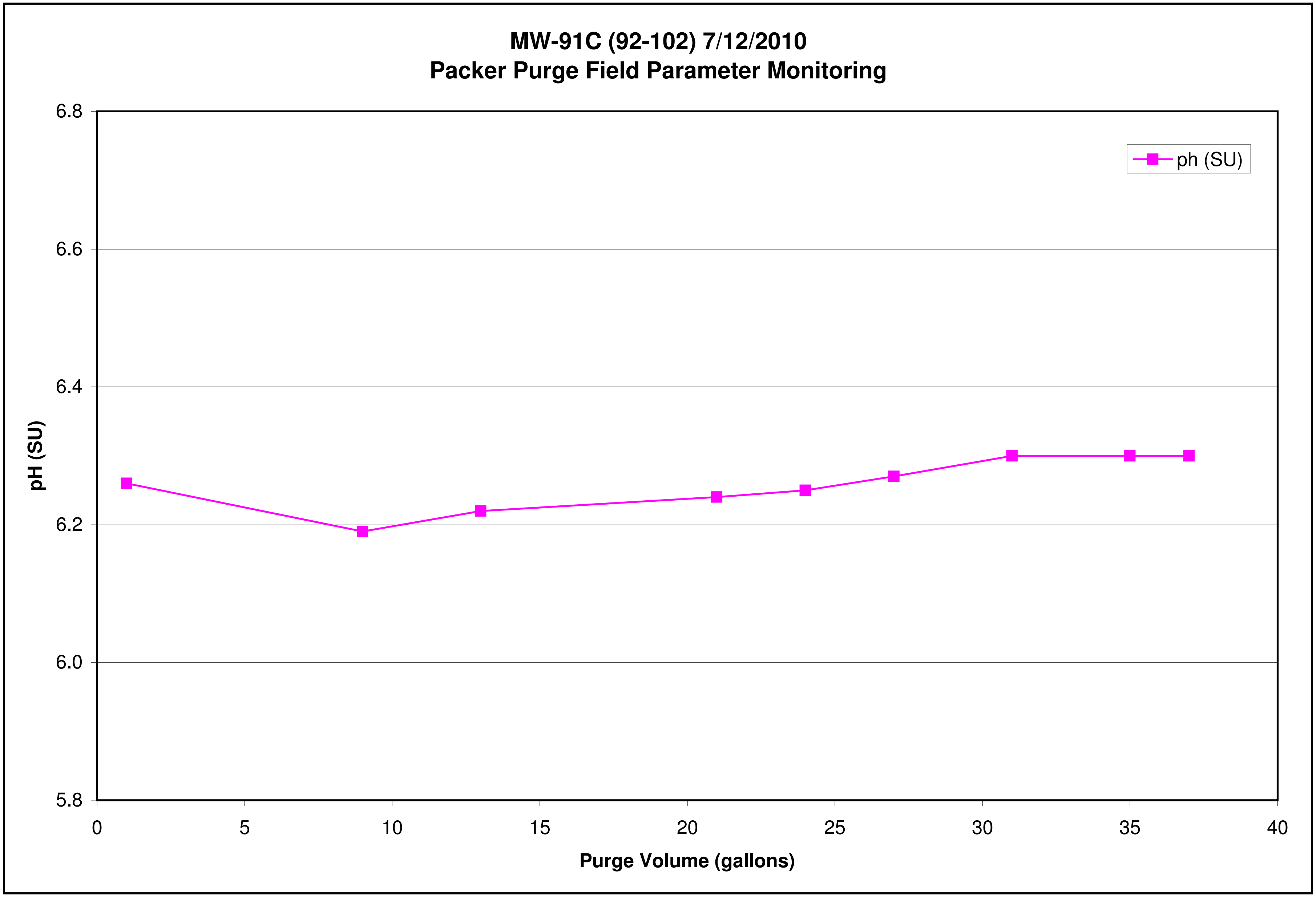
MW-91C
92-102
7/12/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1025	1	1	60.79	6.26	3.58	0.961	60.1
1030	0.75	9	61.20	6.19	2.50	0.967	58.3
1035	1.25	13	60.95	6.22	1.15	0.914	56.6
1040	1.25	21	61.510	6.24	1.20	0.824	55.7
1045	0.75	24	61.65	6.25	1.16	0.925	54.2
1050	0.6	27	62.49	6.27	1.35	0.935	50.3
1100	0.5	31	62.81	6.30	1.39	0.946	47.6
1105	0.5	35	63.33	6.30	1.54	0.948	46.0
1115	0.5	37	63.97	6.30	1.70	0.953	45.3

Notes:
- Calculated target purge volume = 46.6 gallons
- Packer interval purged dry at 39 gallons
- Sample collected after 39 gallons purged



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



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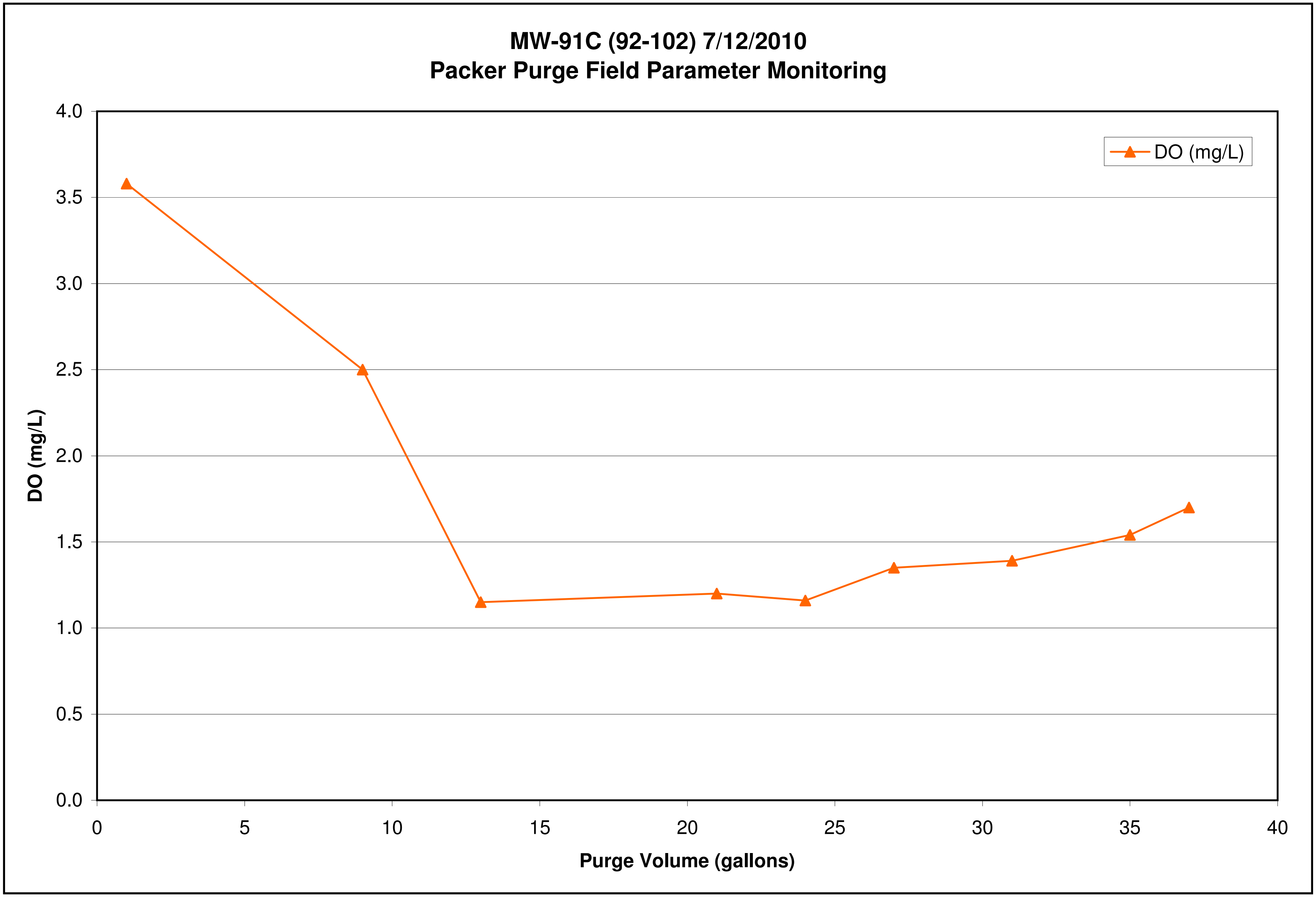

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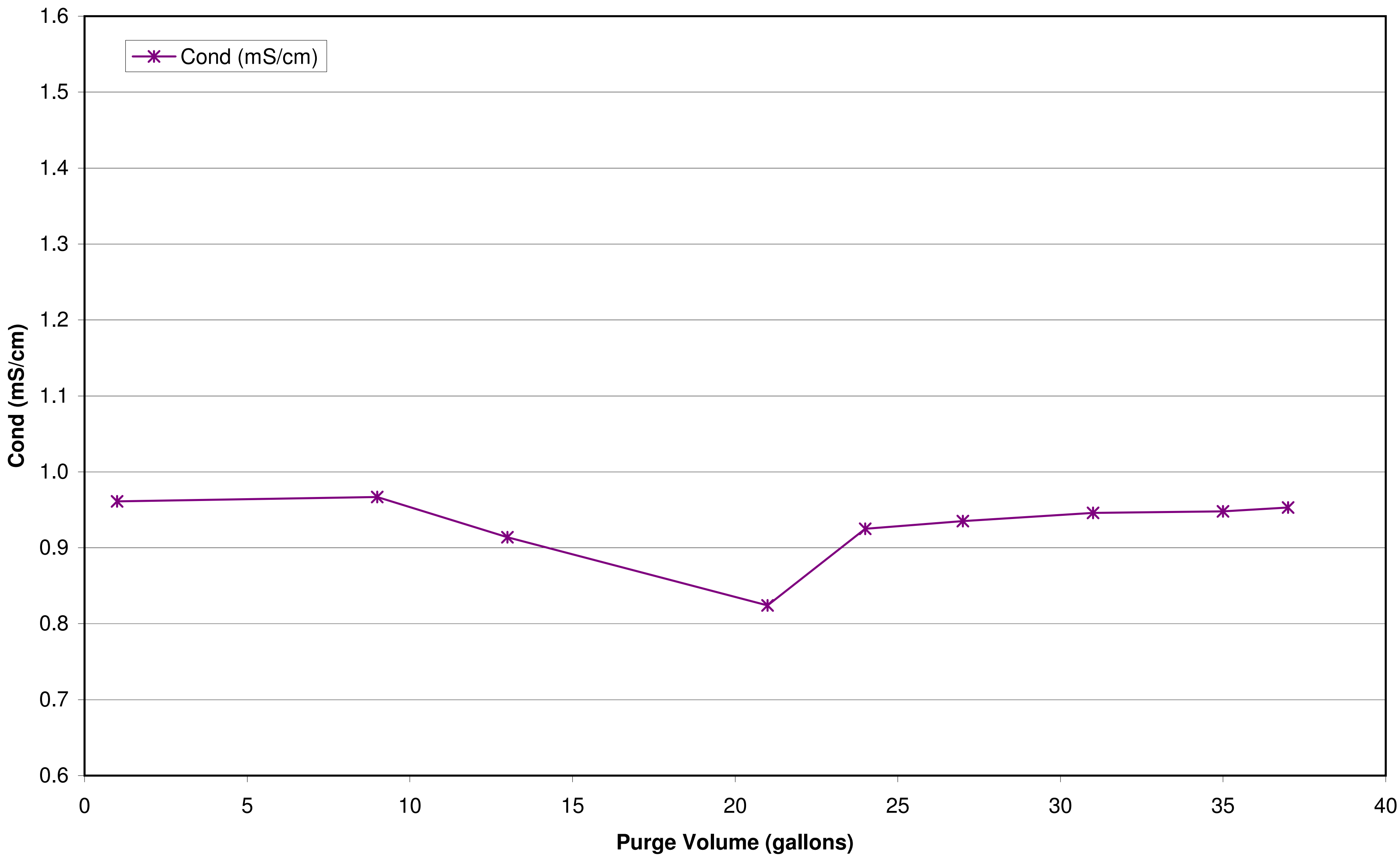
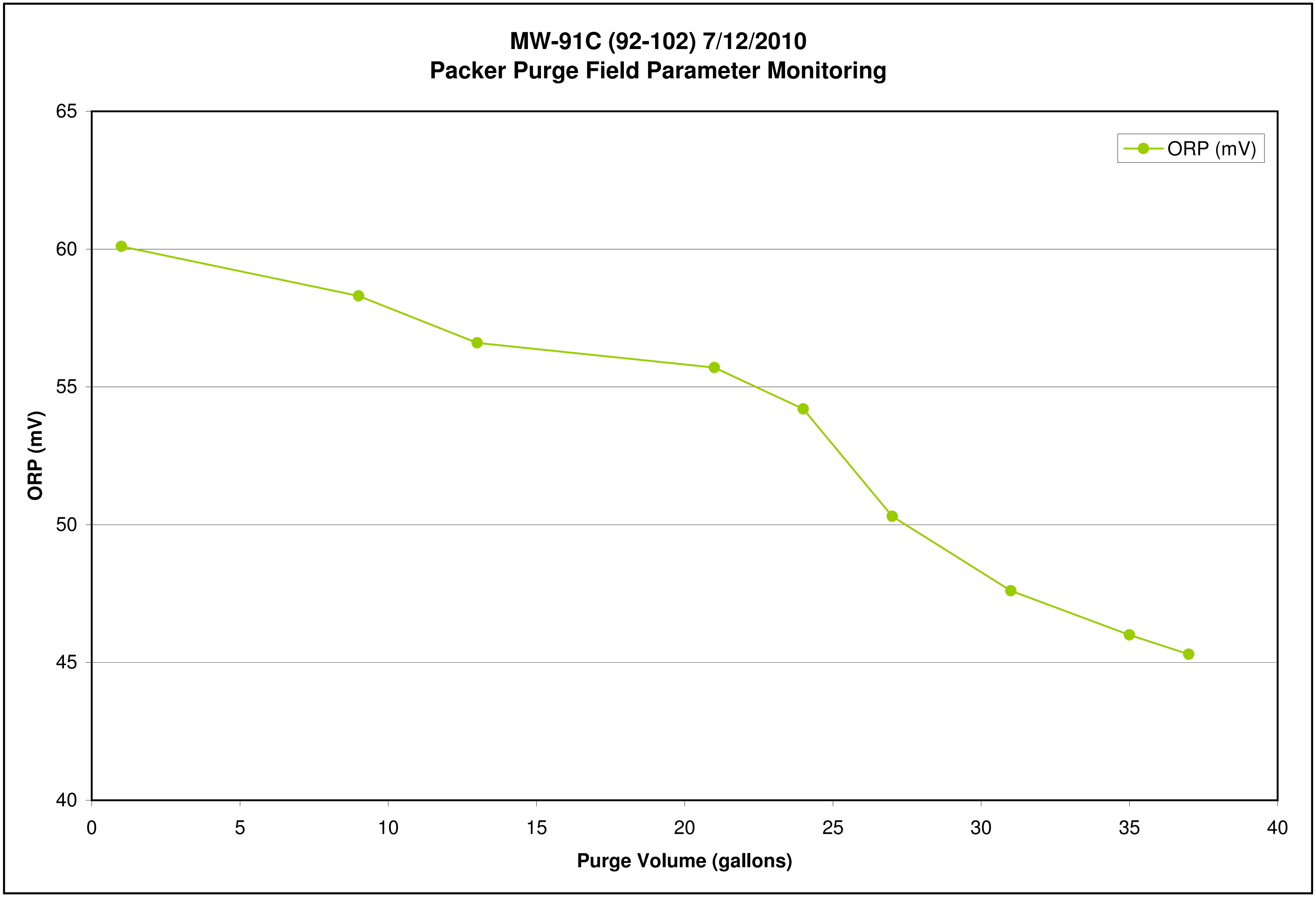
MW-91C (92-102) 7/12/2010
Packer Purge Field Parameter Monitoring



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



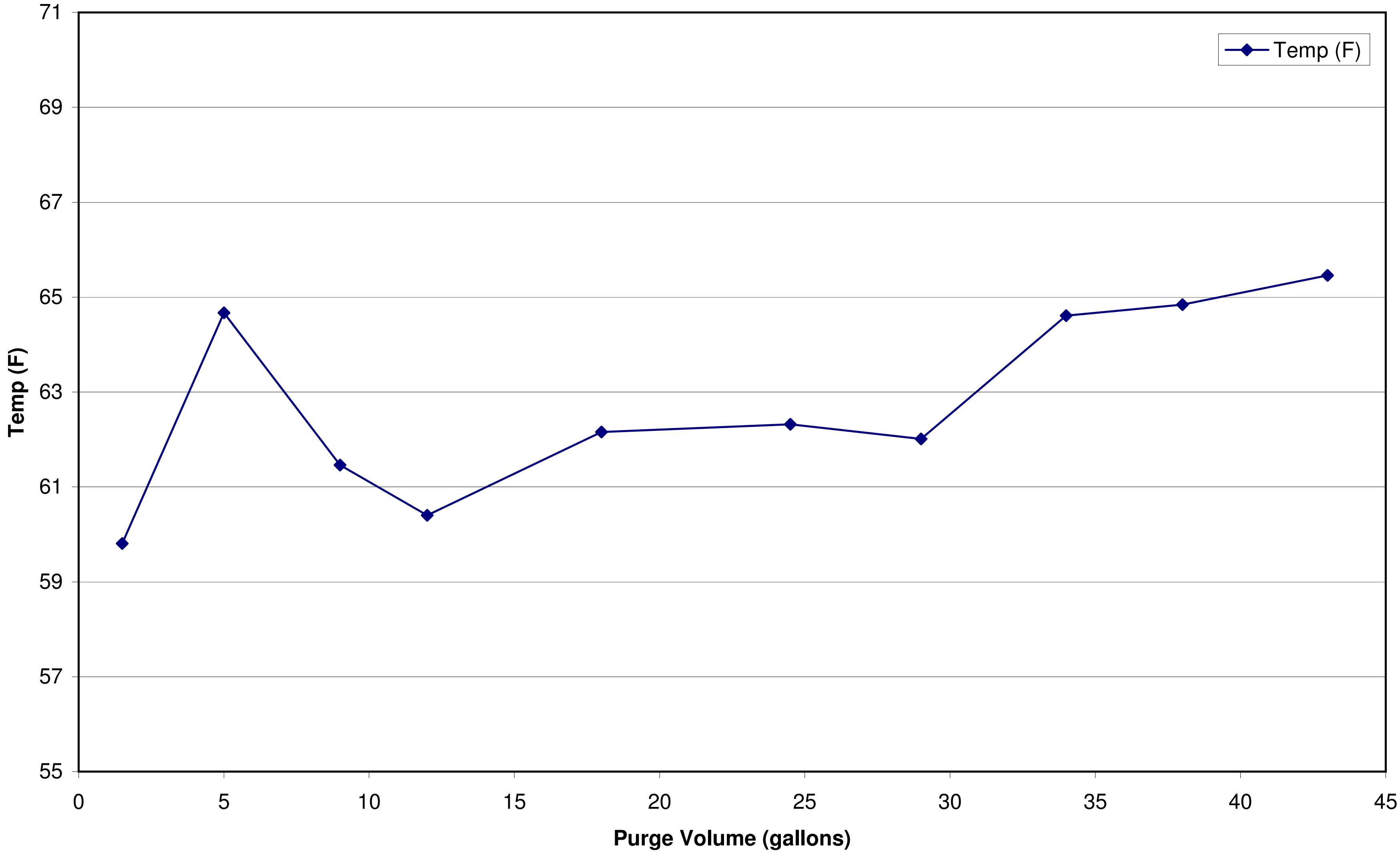
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-91C
115-125
7/13/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1315	0.75	1.5	59.81	6.01	5.23	1.138	88.9
1320	1	5	64.67	6.85	3.83	1.215	101.7
1325	0.5	9	61.46	5.82	0.47	1.149	109.7
1330	1	12	60.4	5.86	4.25	0.252	120.8
1340	0.75	18	62.16	5.93	0.92	1.106	120
1353	0.75	24.5	62.32	5.98	1.72	1.11	121.1
1410	1	29	62.01	6.01	1.34	1.105	121.2
1438	0.5	34	64.61	6.01	1.50	1.143	119.8
1443	0.5	38	64.84	6.03	1.42	1.145	117.7
1453	0.5	43	65.46	6.04	1.37	1.155	116.3

Notes:
- Calculated target purge volume = 49.8 gallons
- Packer interval purged dry at 44 gallons
- Sample collected after 44 gallons purged

MW-91C (115-125) 7/13/2010
Packer Purge Field Parameter Monitoring



Kleinfelder
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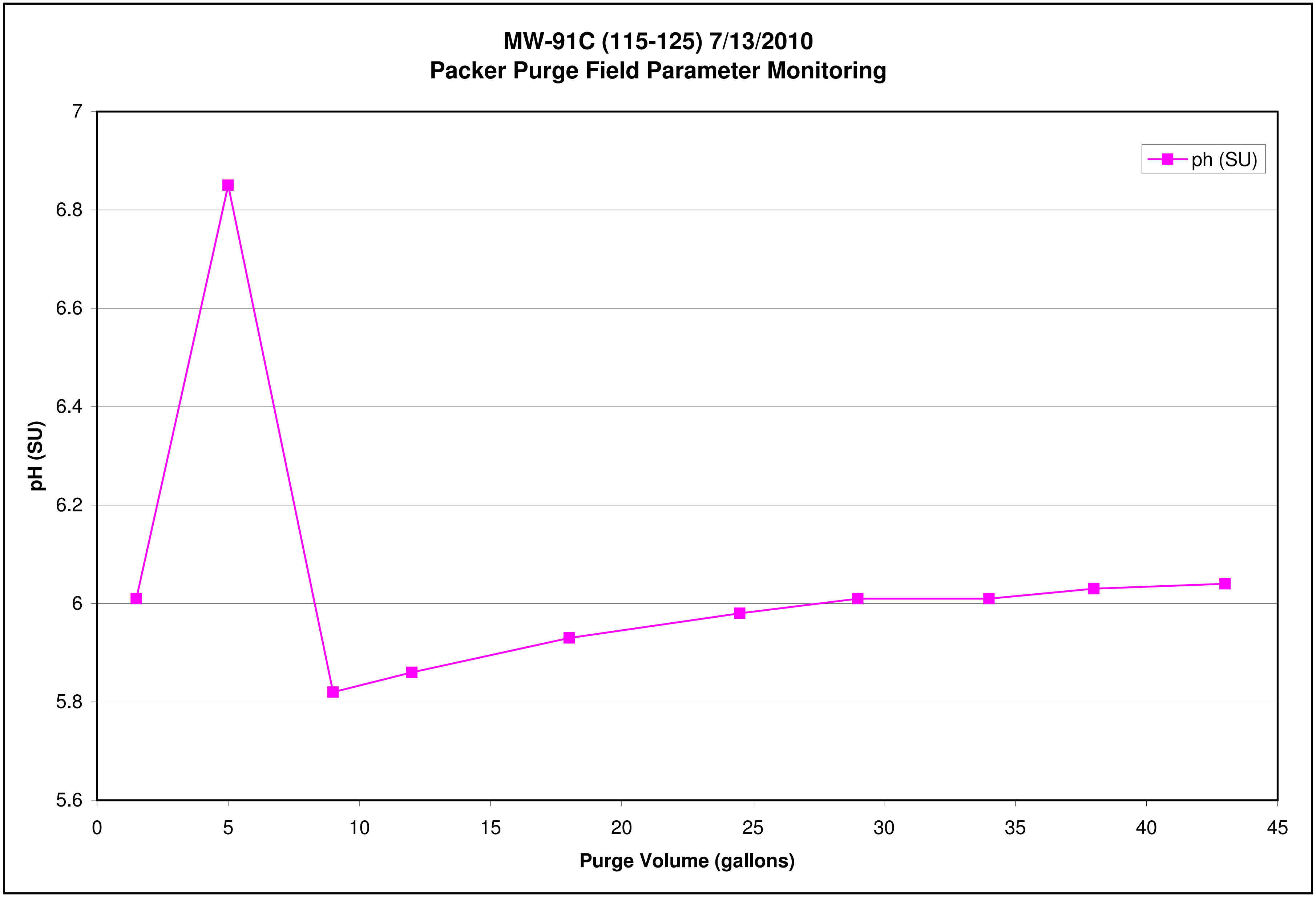
Hanover, Maryland



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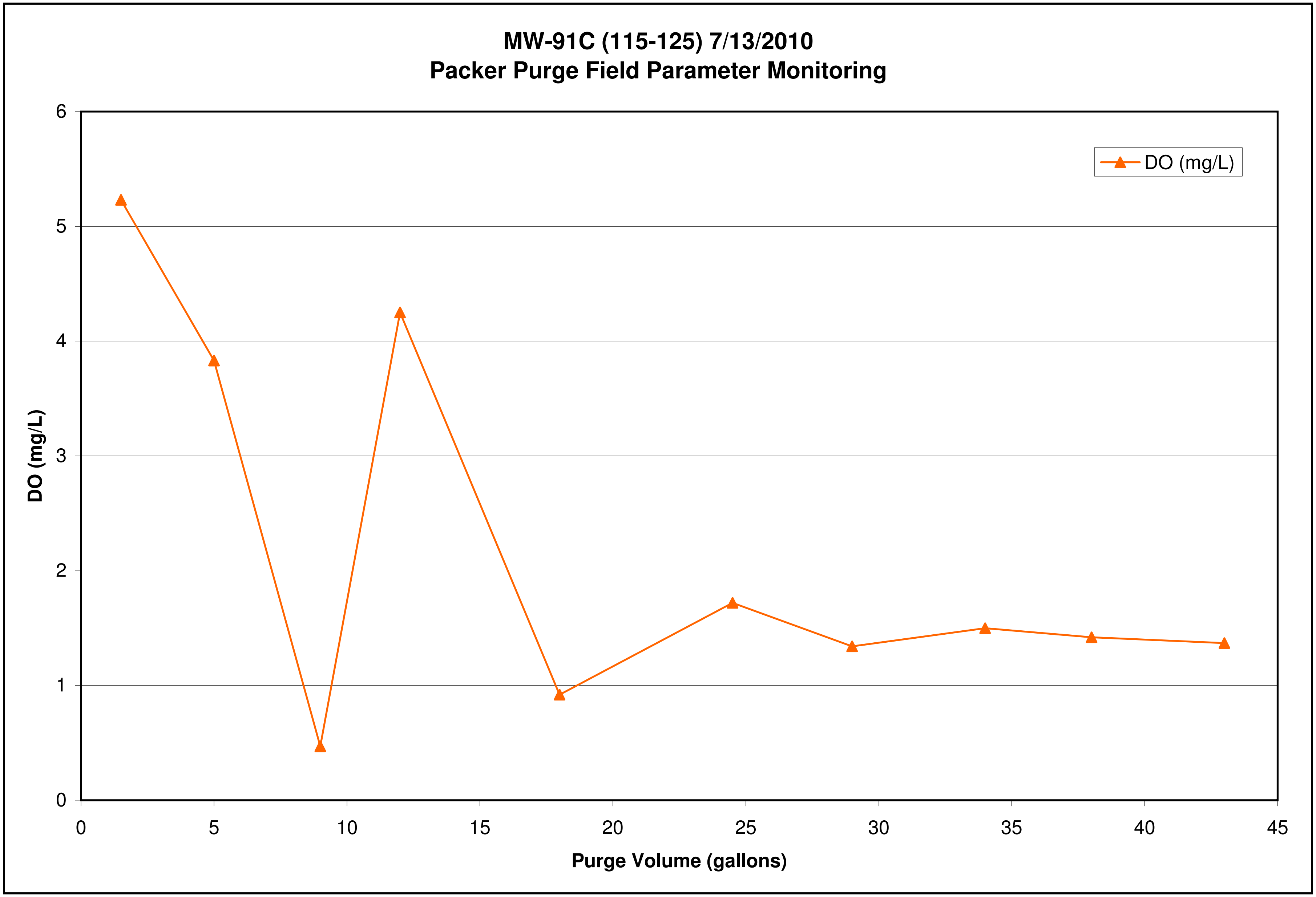
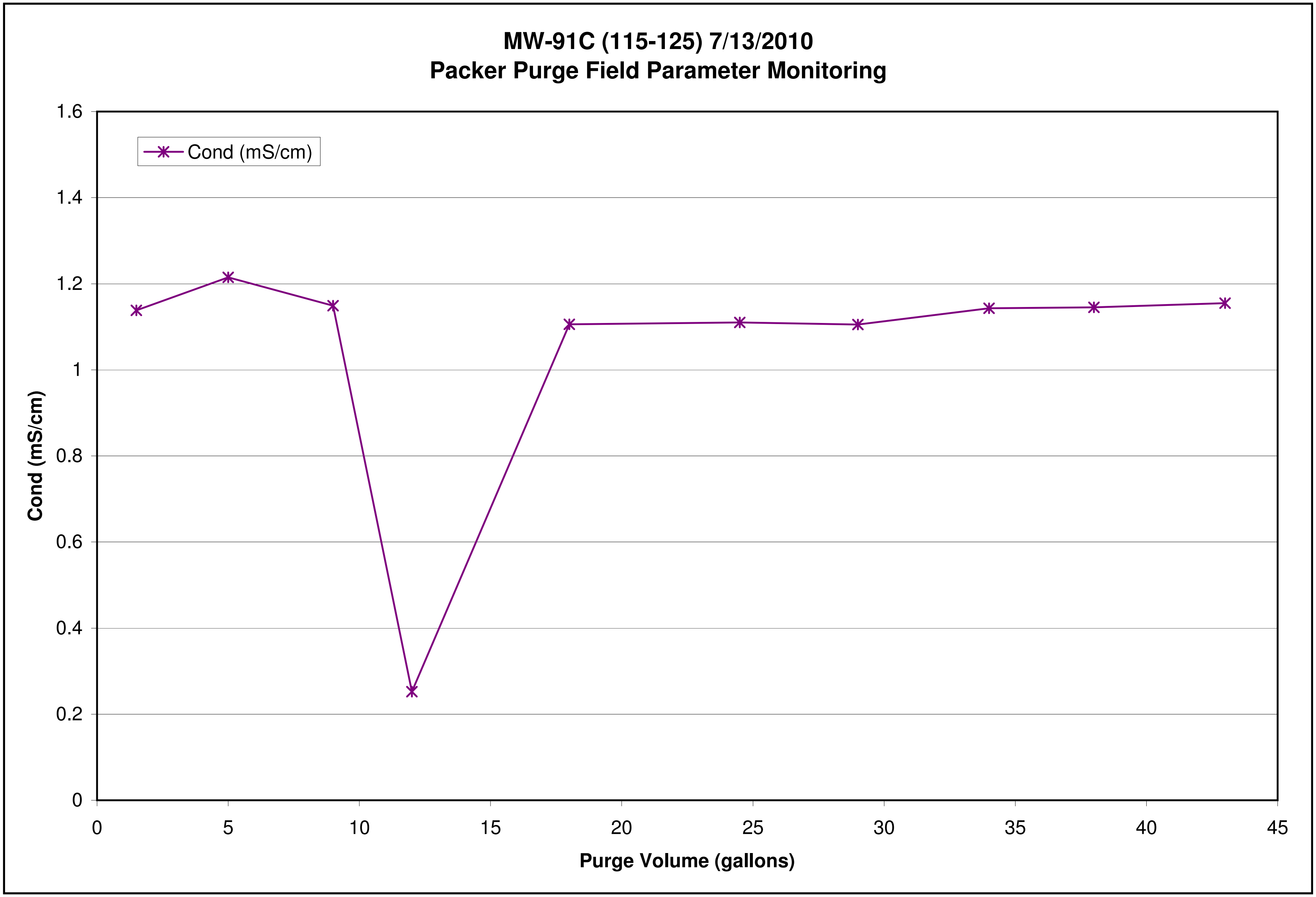
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



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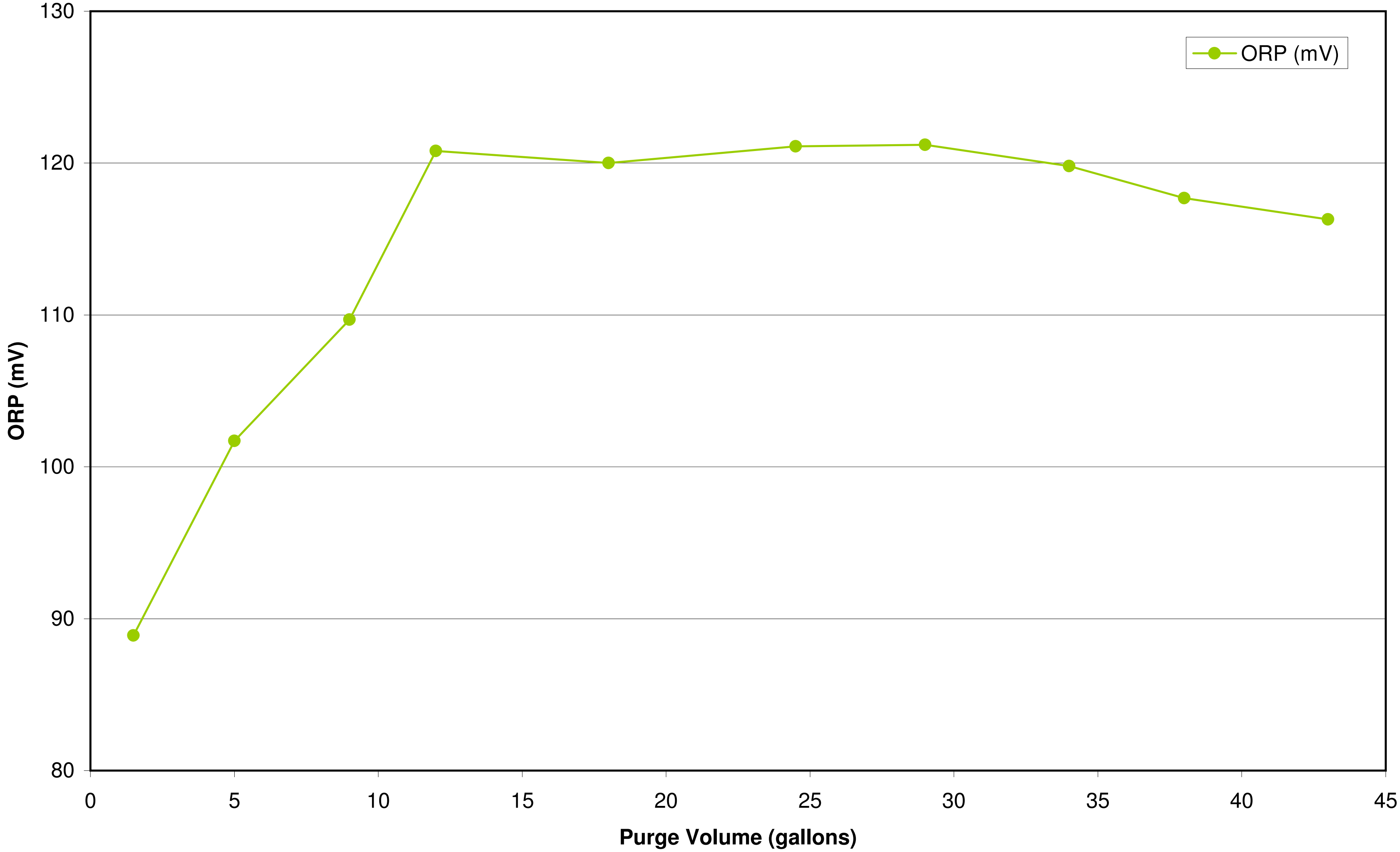
1340 Charwood Road, Suite I
Hanover, Maryland

MW-91C (115-125) 7/13/2010
Packer Purge Field Parameter Monitoring



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-91C
143-153
7/14/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1243	1	3	56.77	7.29	6.81	1.219	88.5
1248	1	9	57.88	6.32	3.20	1.234	106.9
1304	1	16	57.93	5.98	4.73	1.269	138.5
1310	0.4	18.5	62.41	5.95	3.58	1.305	139
1315	1	24	58.51	5.93	3.92	1.271	144
1320	1	30	58.54	5.92	4.01	1.273	147
1330	0.75	36	59.44	5.92	4.18	1.288	151.1
1335	0.5	38	59.31	5.92	4.2	1.293	151.9
1340	0.8	42	59.06	5.91	4.56	1.278	155.7
1345	0.75	50	59.45	5.91	4.69	1.267	156.8
1355	0.5	55	60.07	5.90	4.93	1.289	161.0
1400	0.5	60	60.41	5.90	4.99	1.295	162.7
1407	0.5	64	59.52	5.90	5.01	1.283	165.7
1417	0.5	69	60.79	5.90	4.98	1.296	169.0
1430	0.5	74	61.35	5.89	4.88	1.303	173.2
1441	0.5	80	60.09	5.88	5.04	1.278	173.8
1451	1	85	59.68	5.87	5.22	1.259	174.7
1502	1	95	59.09	5.87	4.61	1.220	175.4

Notes:
- Calculated target purge volume = 51.6 gallons
- Samples collected after 50, 60, and 85 gallons purged

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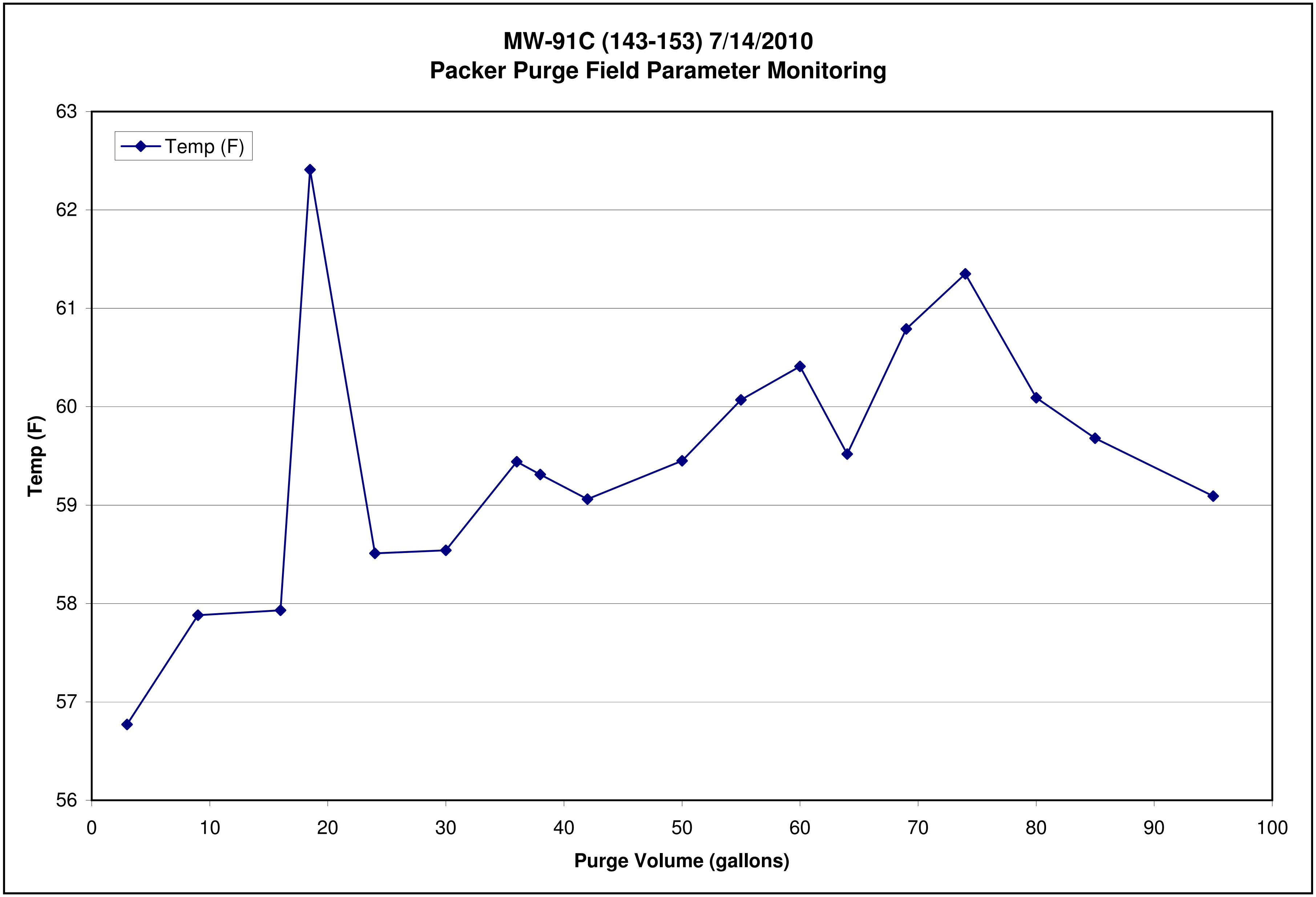
Hanover, Maryland



Kleinfelder
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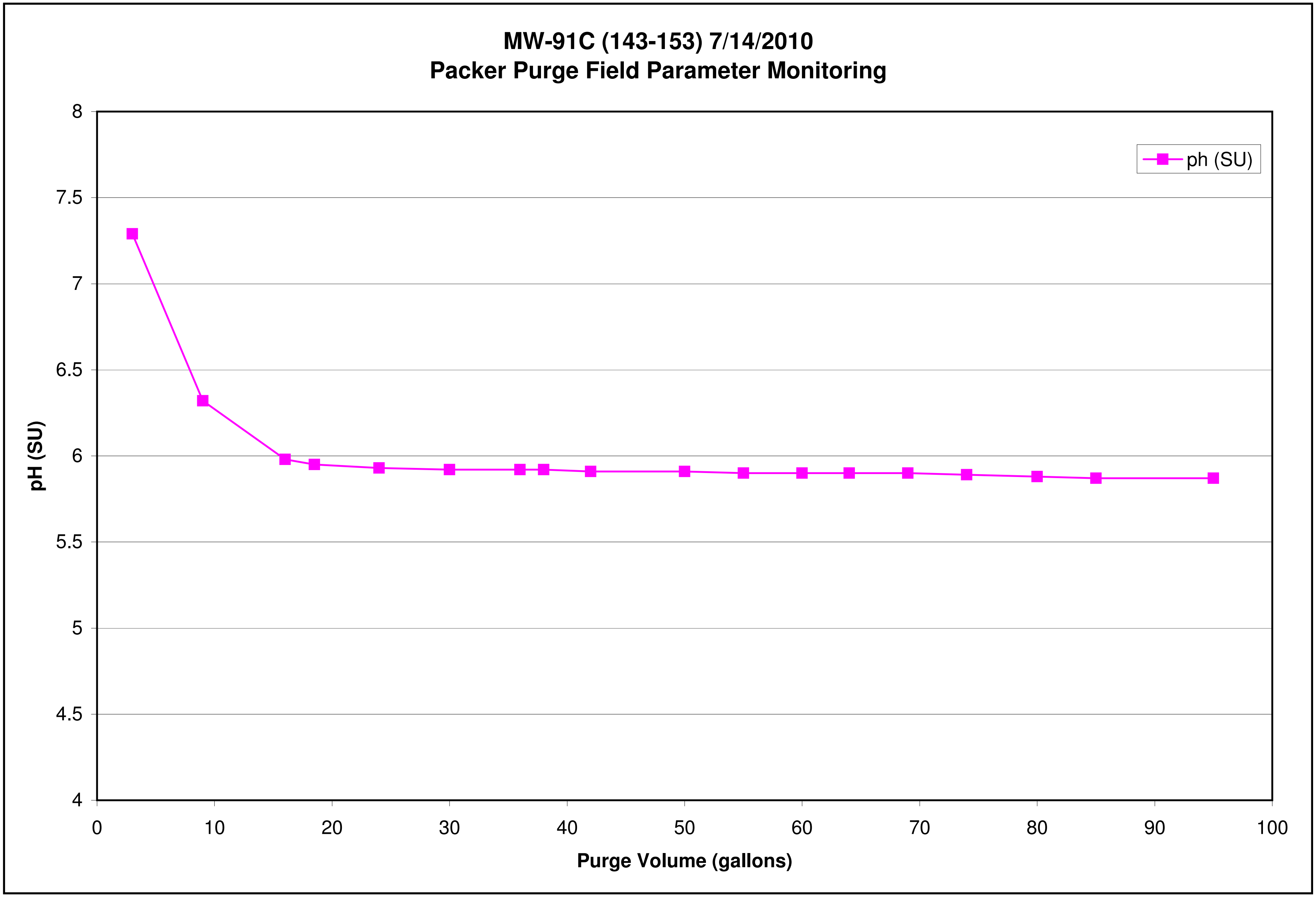
Hanover, Maryland



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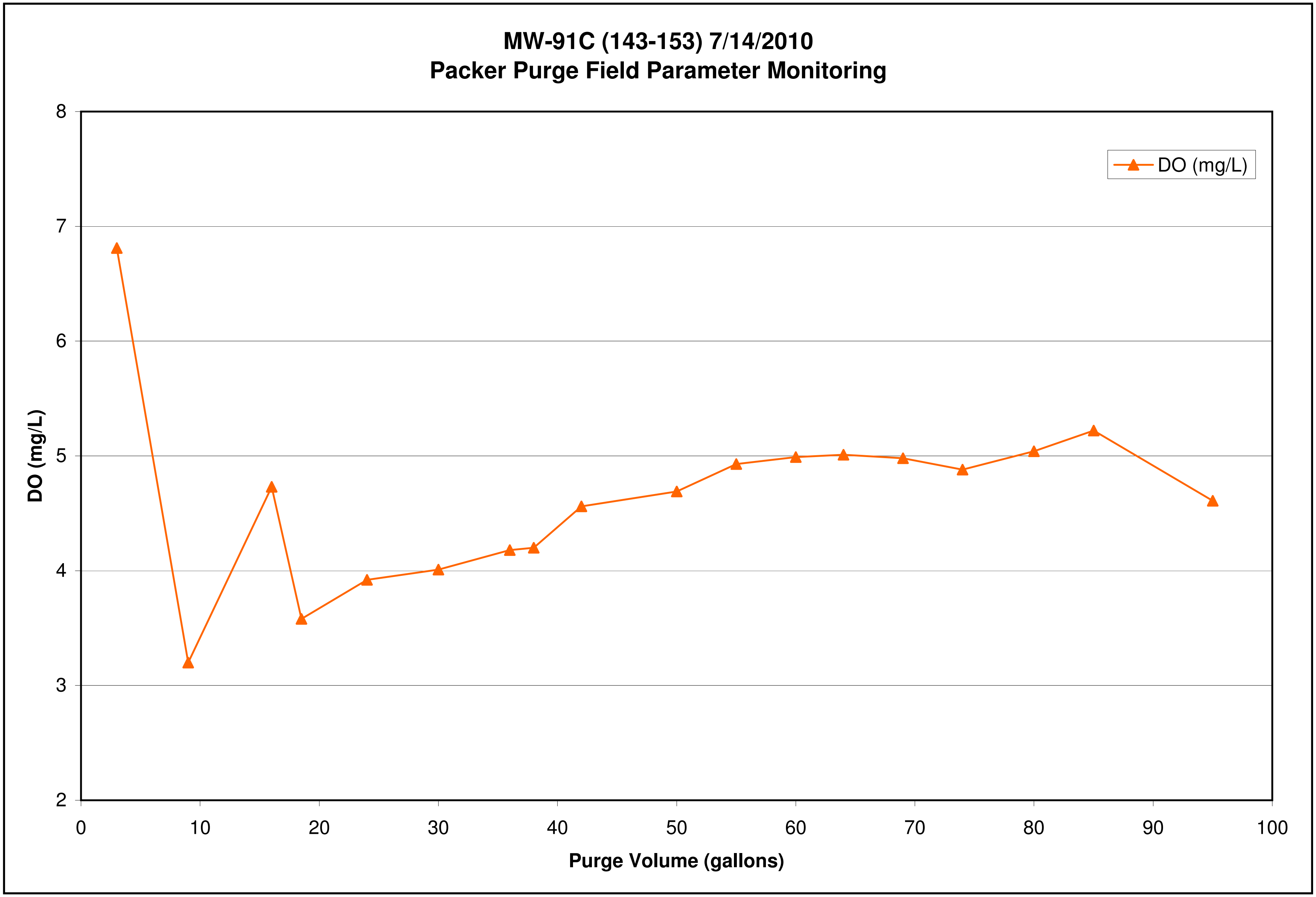
1340 Charwood Road, Suite I
Hanover, Maryland



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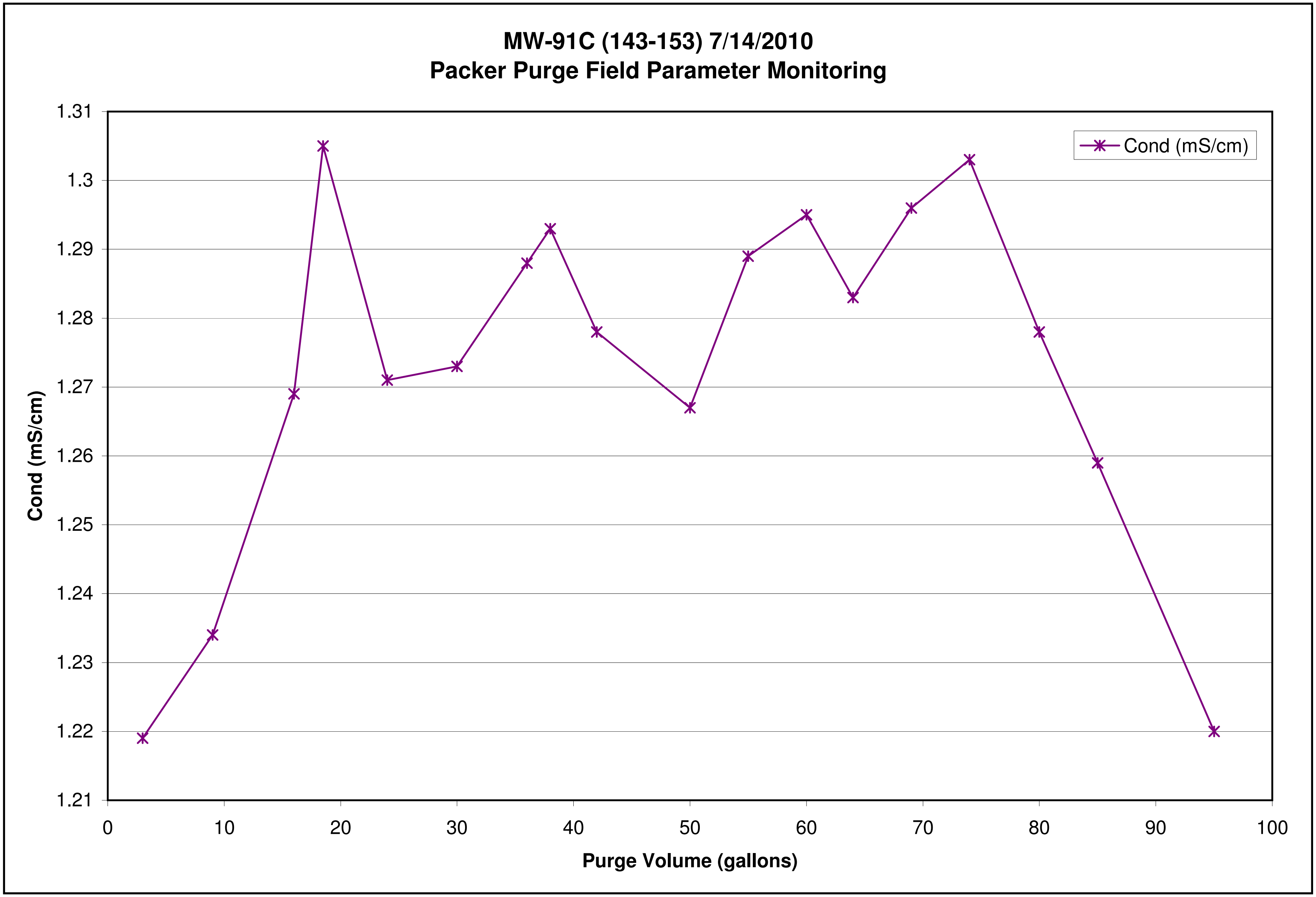

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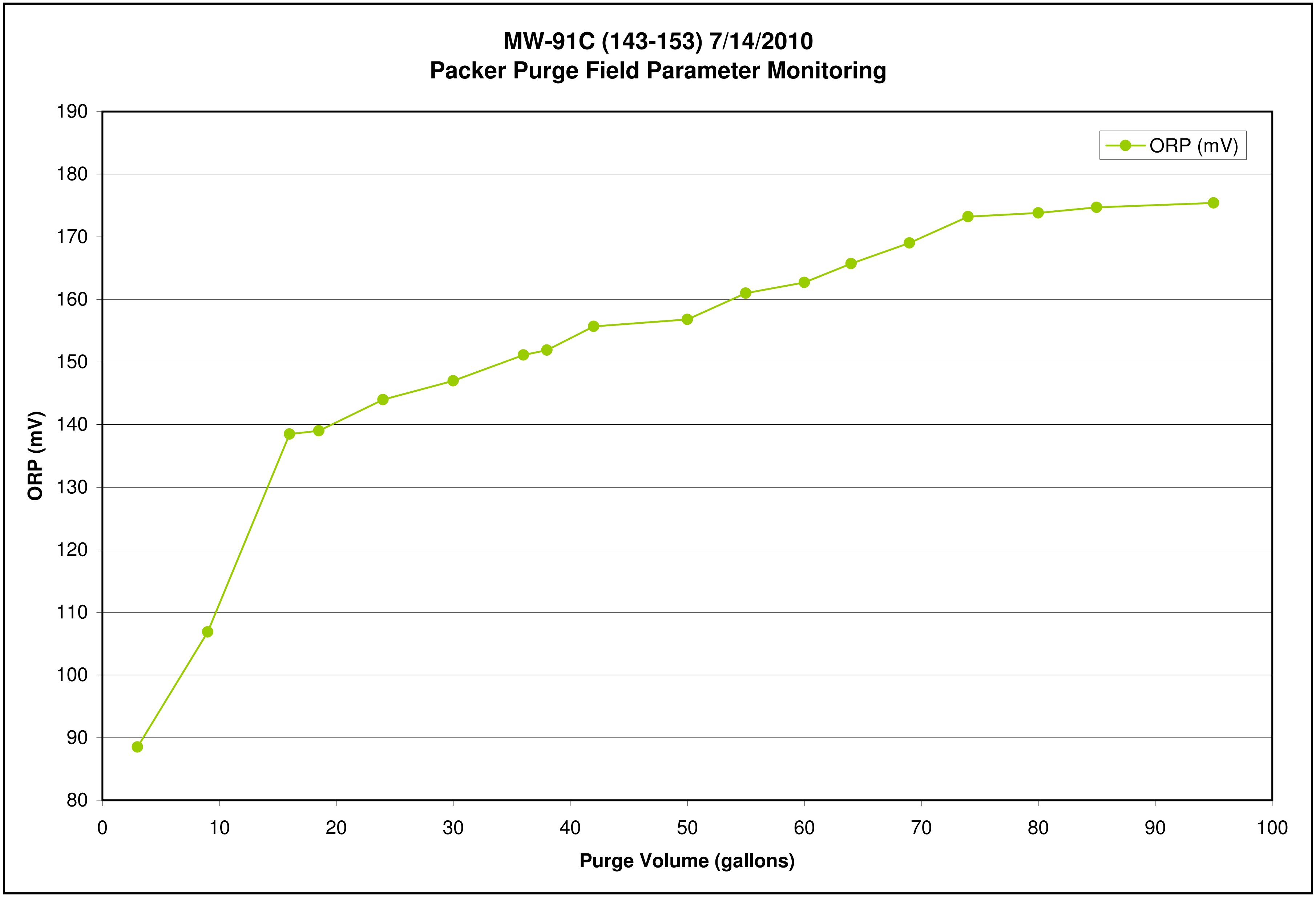
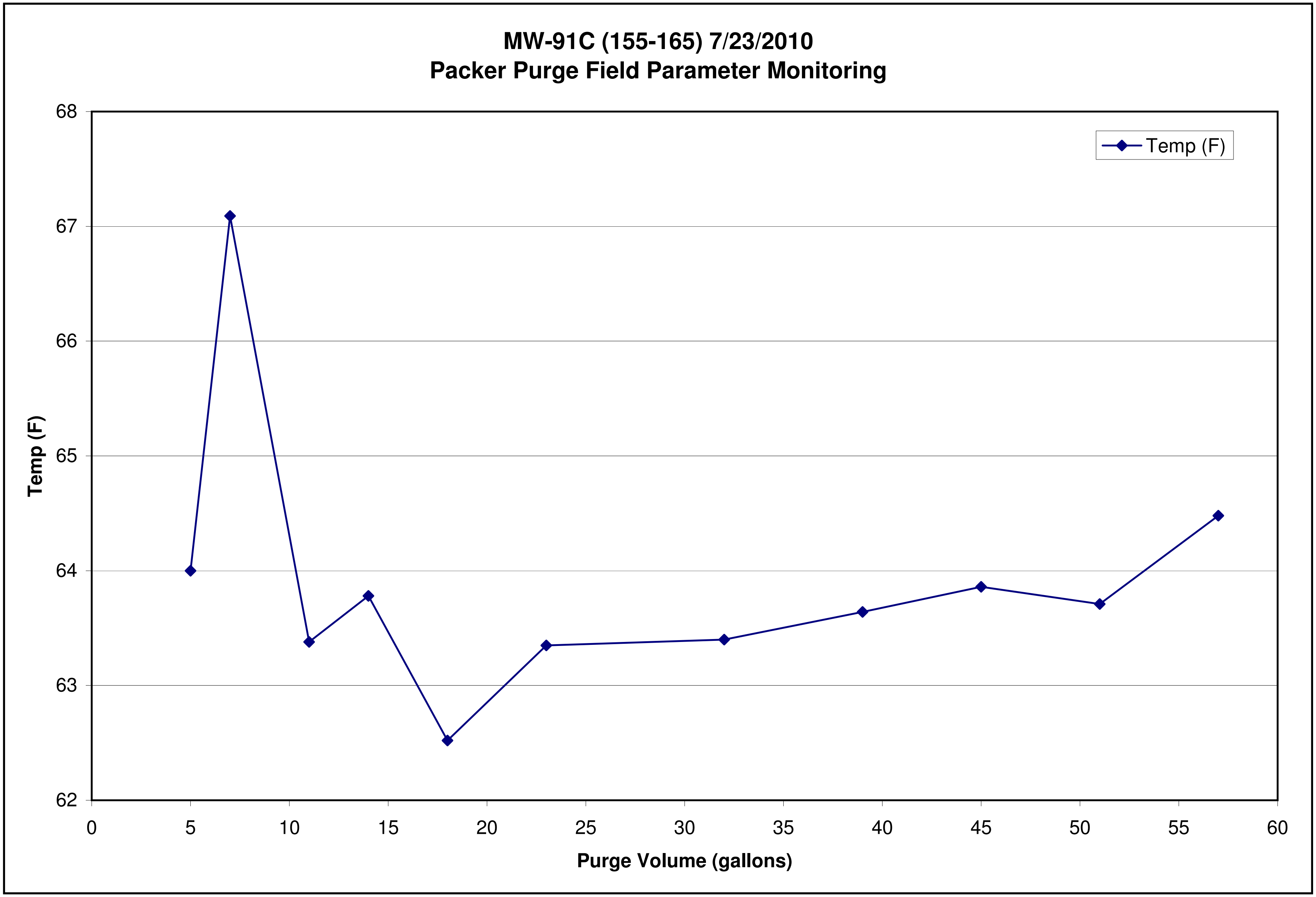


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-91C
155-165
7/23/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1223	1	5	64.00	6.08	0.78	1.093	42.7
1228	0.25	7	67.09	6.03	1.01	1.109	47.2
1233	1	11	63.38	6.09	1.03	1.006	33.7
1238	1.25	14	63.78	6.19	0.82	0.980	20.9
1243	2	18	62.52	6.25	0.89	0.923	9.7
1248	1	23	63.35	6.23	1.34	1.041	27.6
1253	2	32	63.40	6.06	1.14	1.055	50.5
1258	1.5	39	63.64	6.04	1.52	1.057	58.3
1303	1.5	45	63.86	6.03	1.79	1.058	60.7
1308	1.5	51	63.71	6.03	1.87	1.057	63.8
1313	1.5	57	64.48	6.02	1.91	1.066	65.2

Notes:
- Calculated target purge volume = 64.8 gallons
- Packer interval purged dry at 66 gallons
- Sample collected after 64 gallons purged



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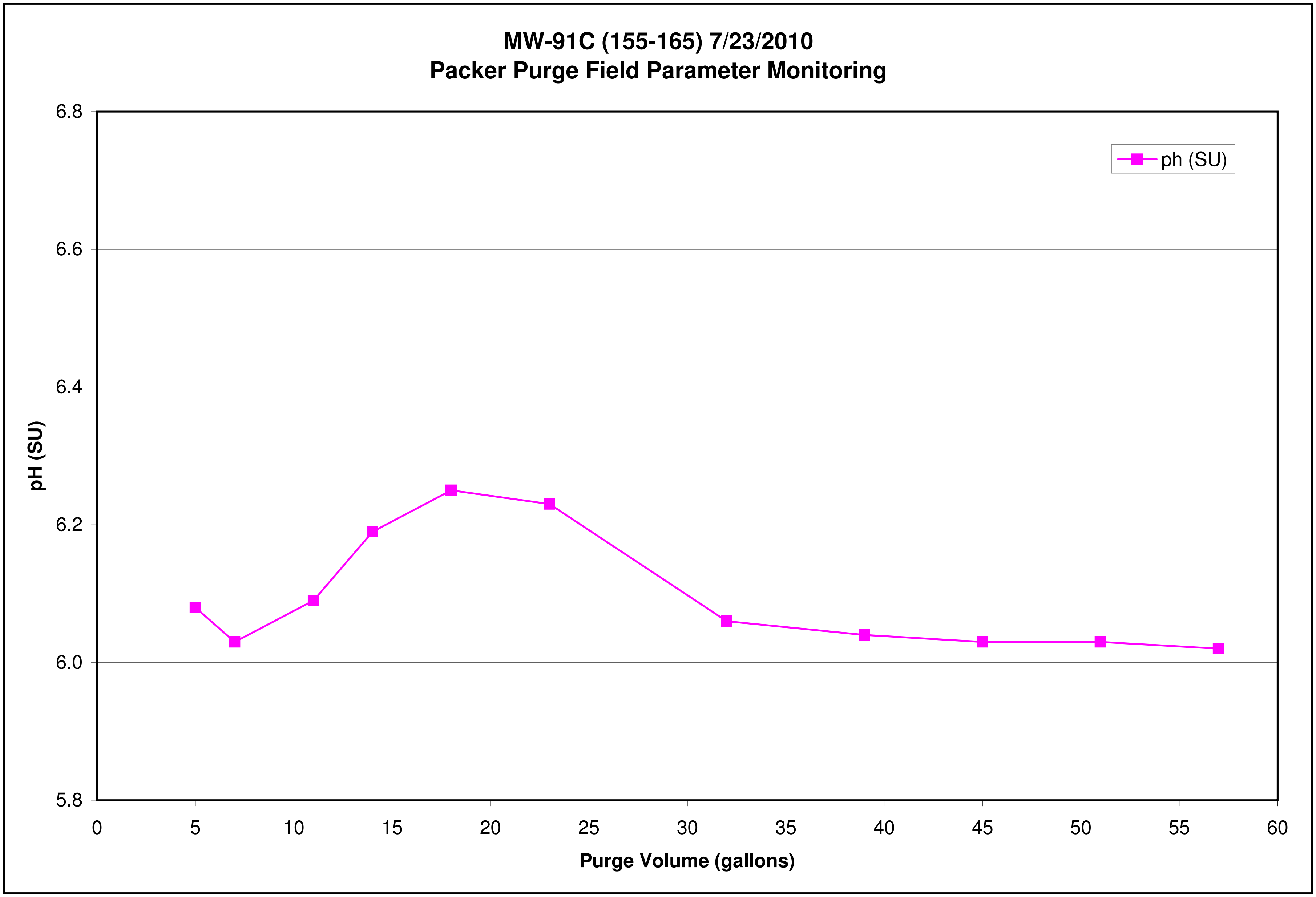

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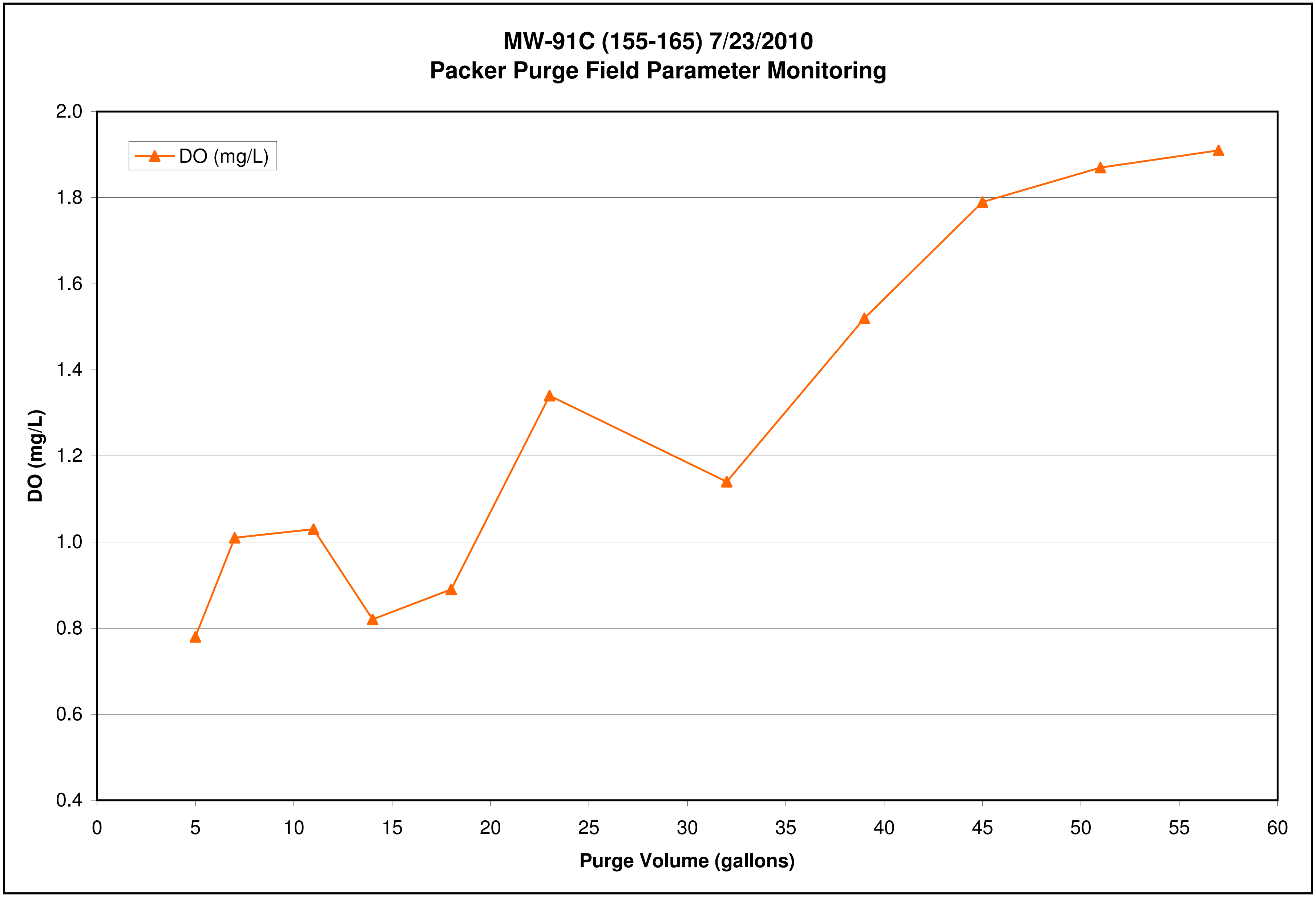

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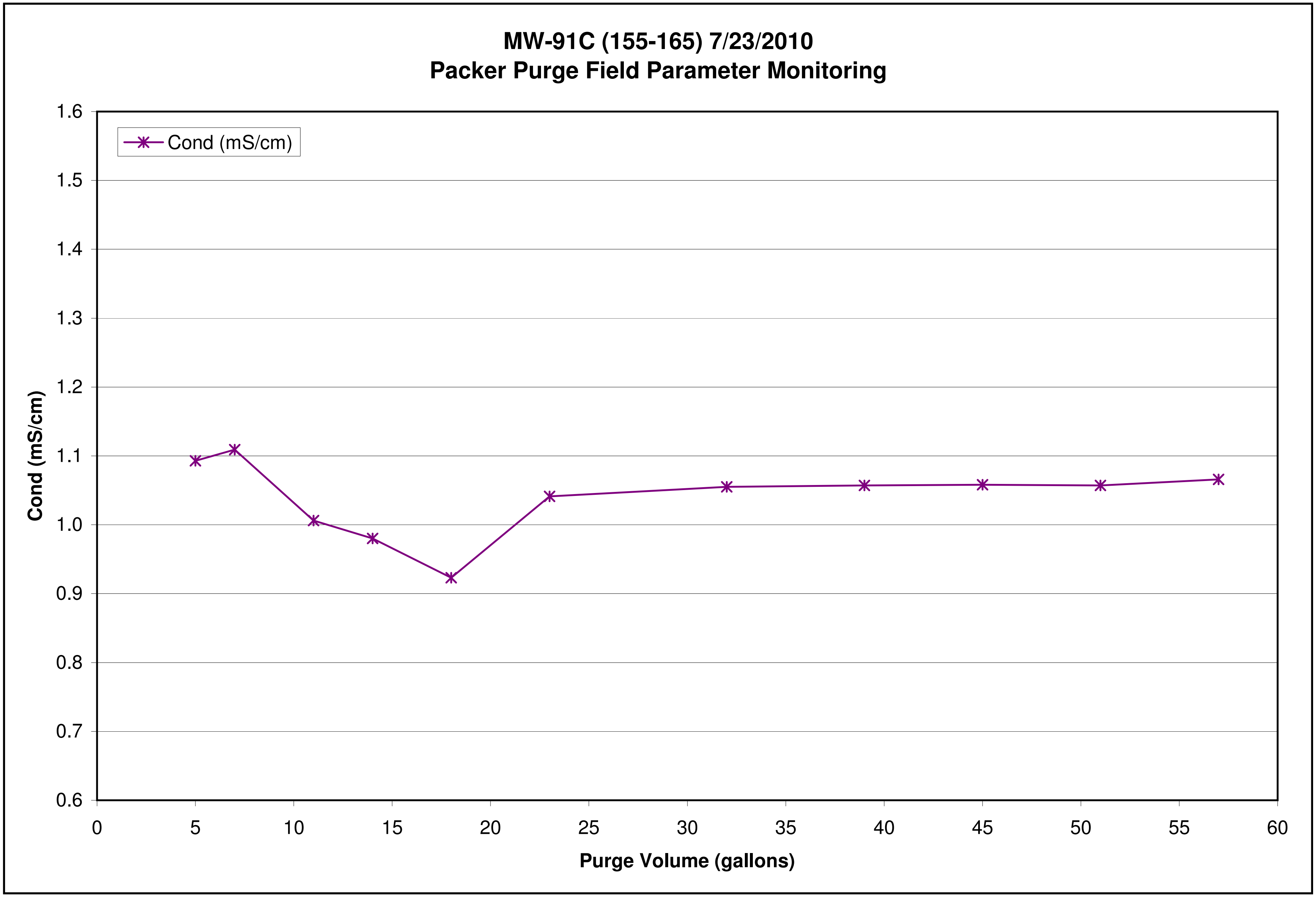

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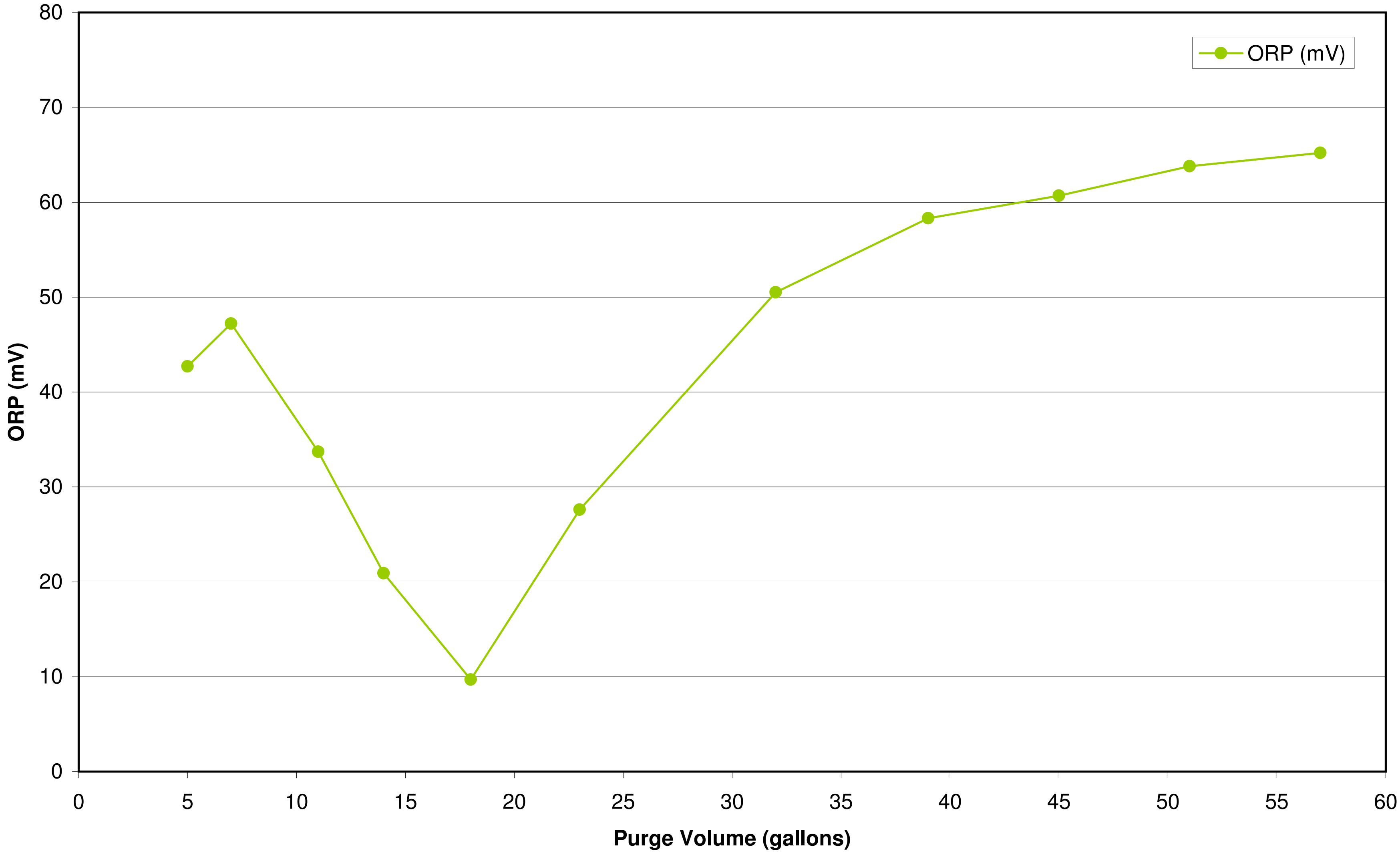
MW-91C (155-165) 7/23/2010
Packer Purge Field Parameter Monitoring



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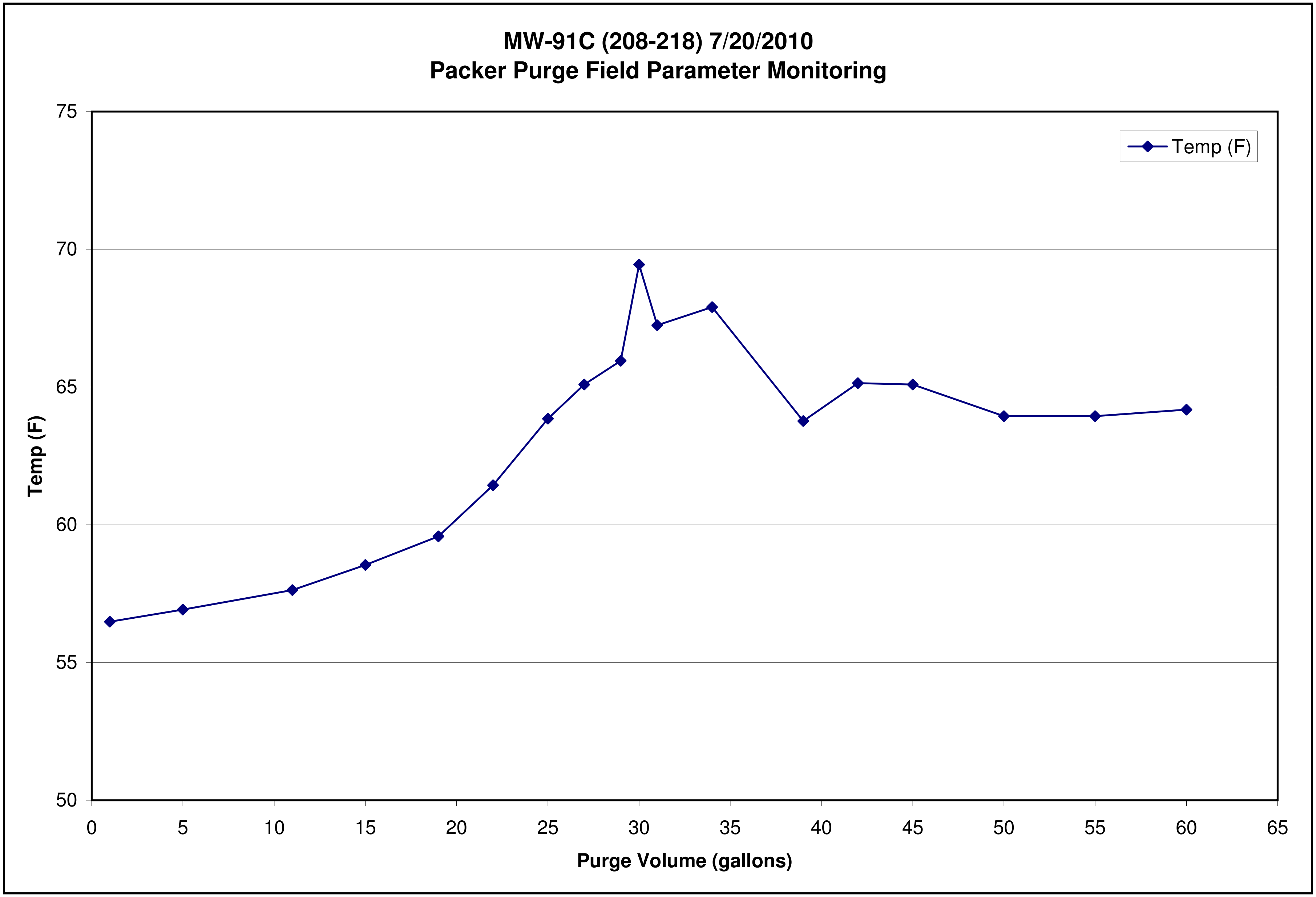

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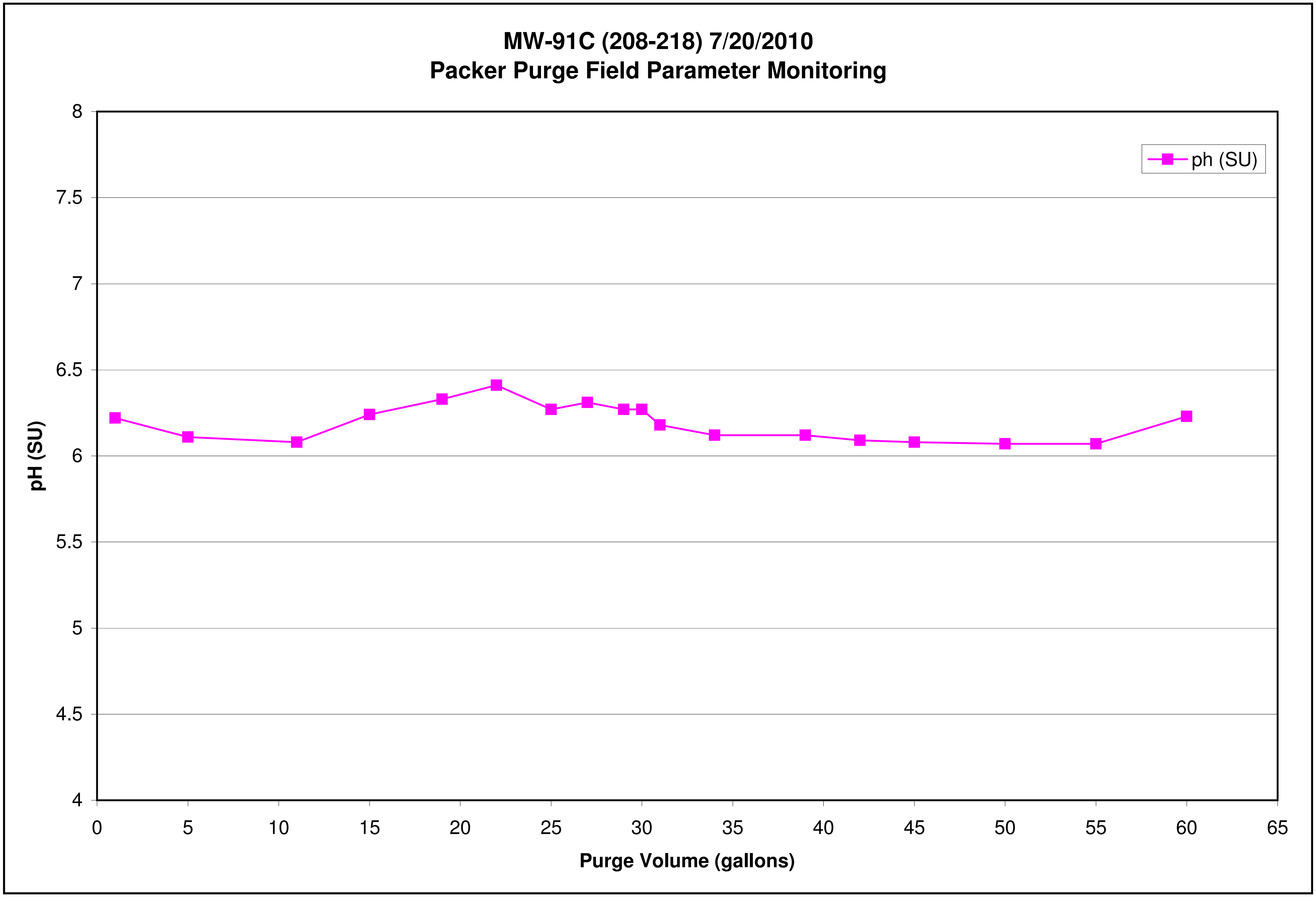
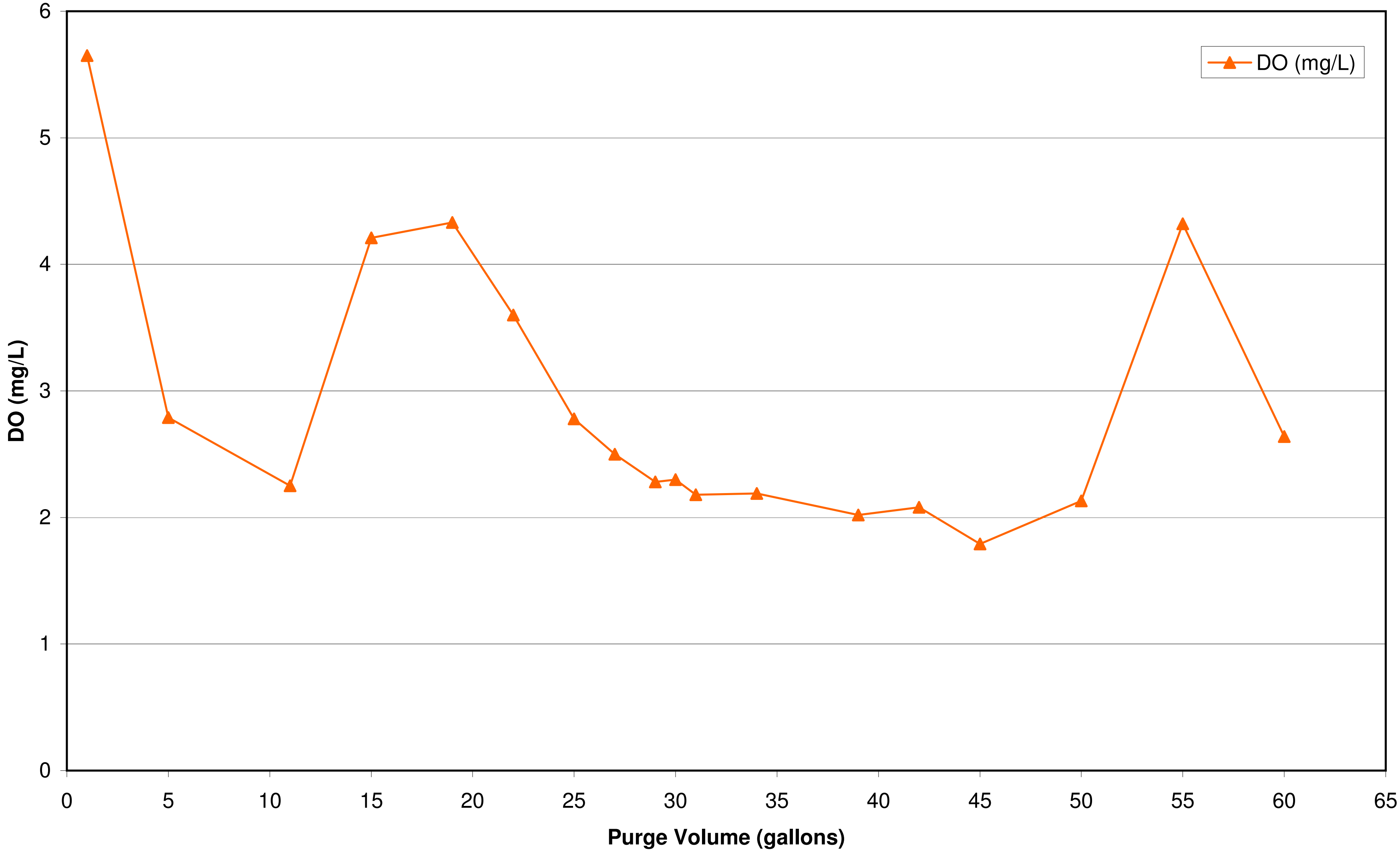
1340 Charwood Road, Suite I
Hanover, Maryland

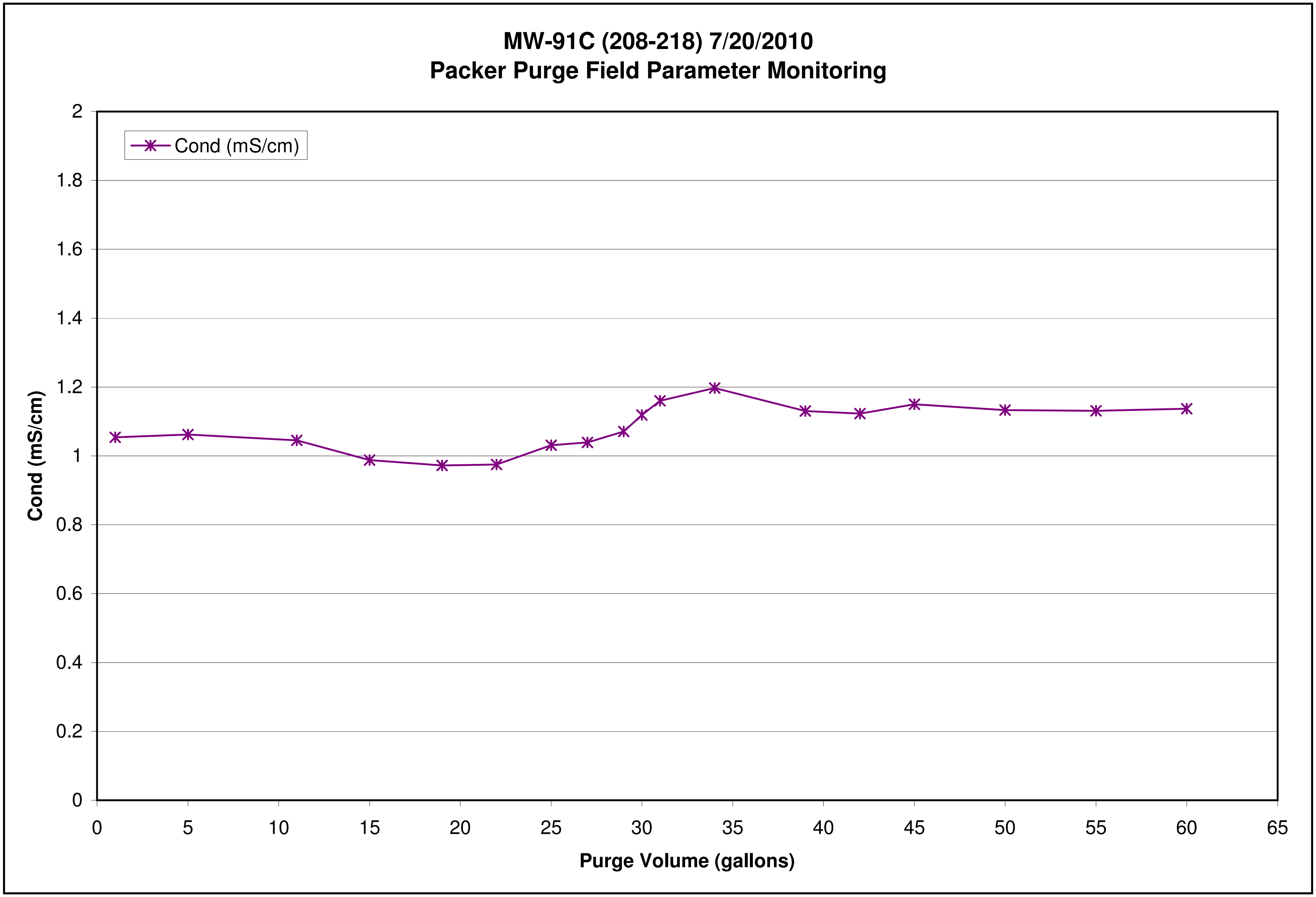


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

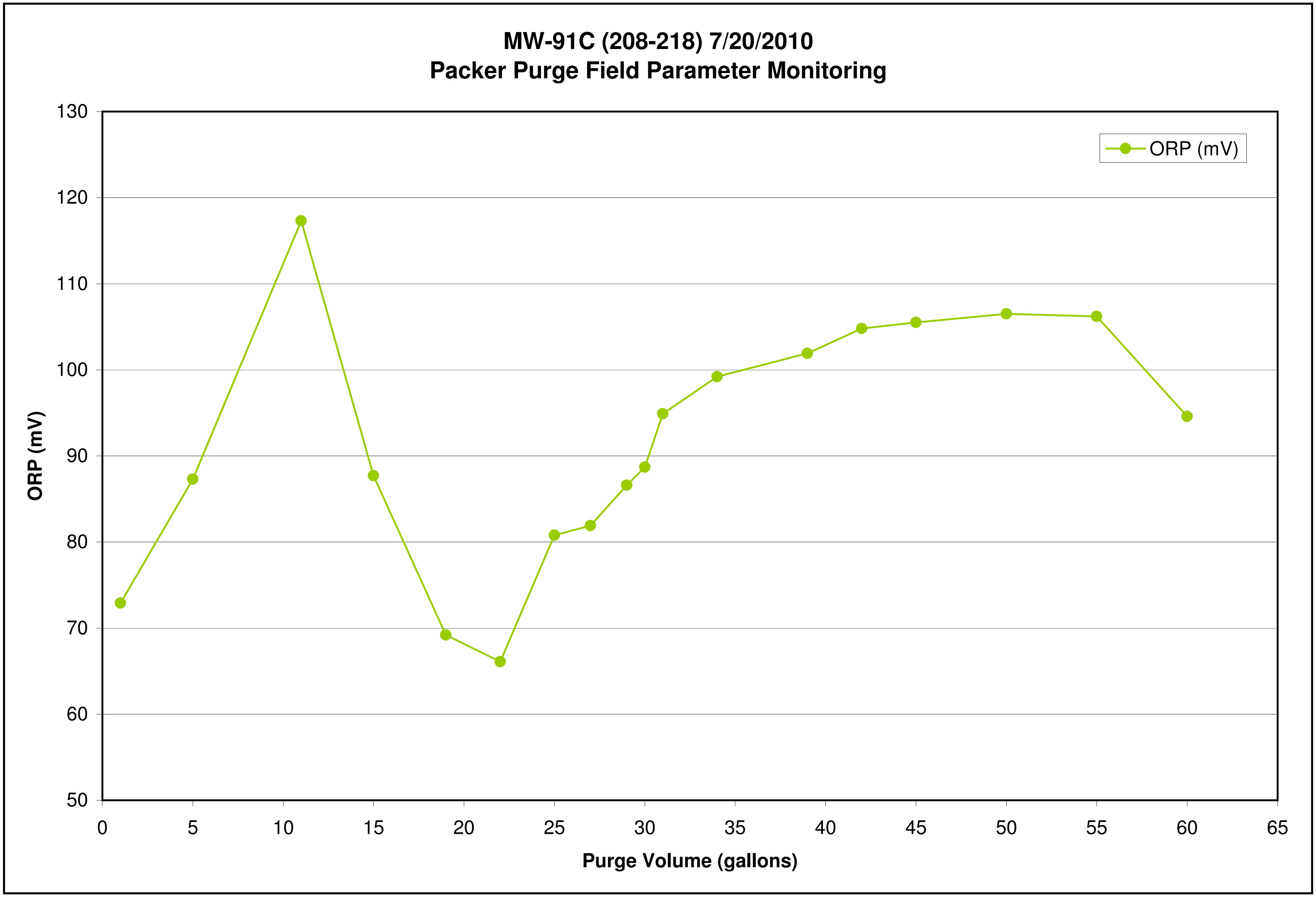
MW-91C (208-218) 7/20/2010
Packer Purge Field Parameter Monitoring



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

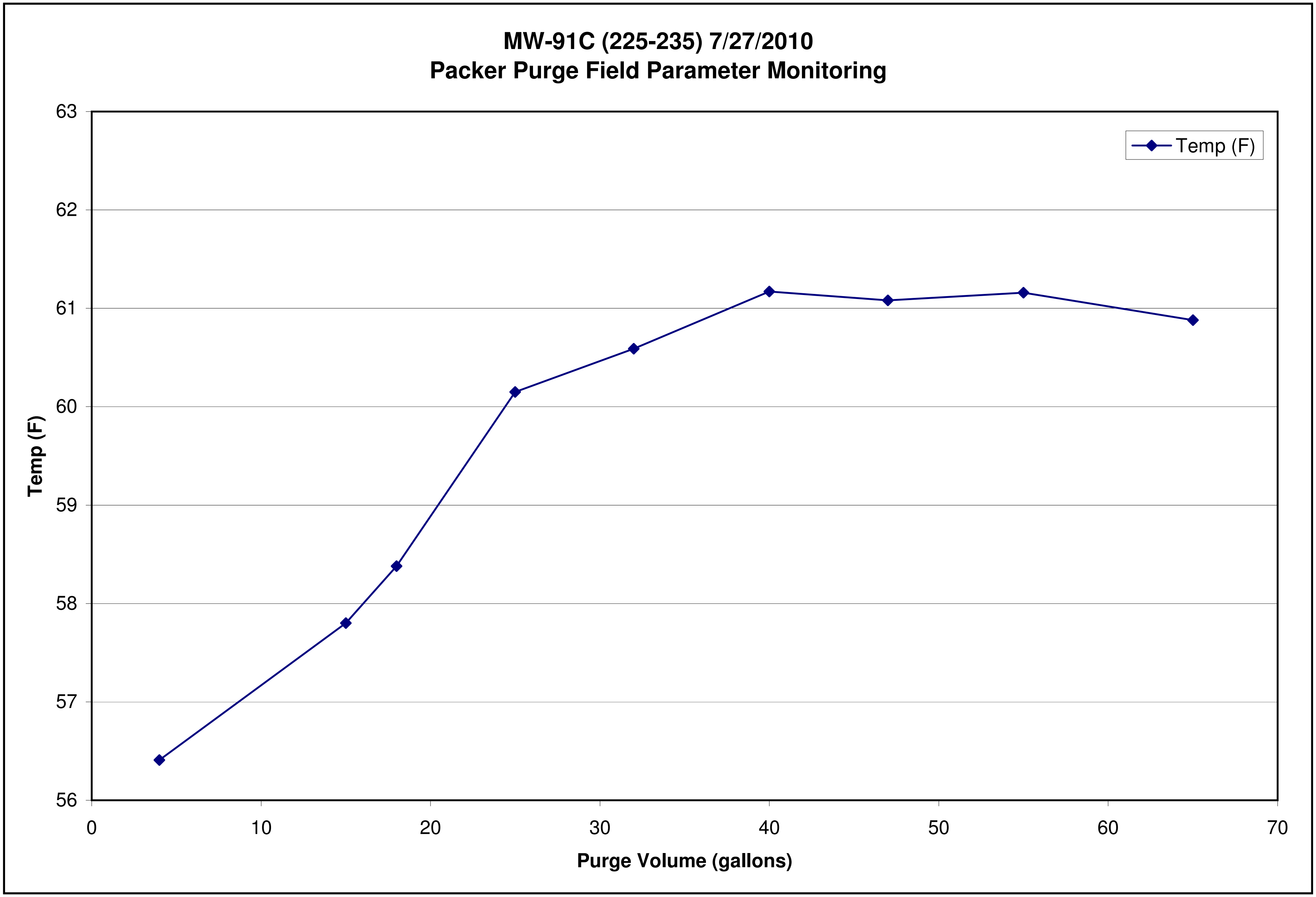


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

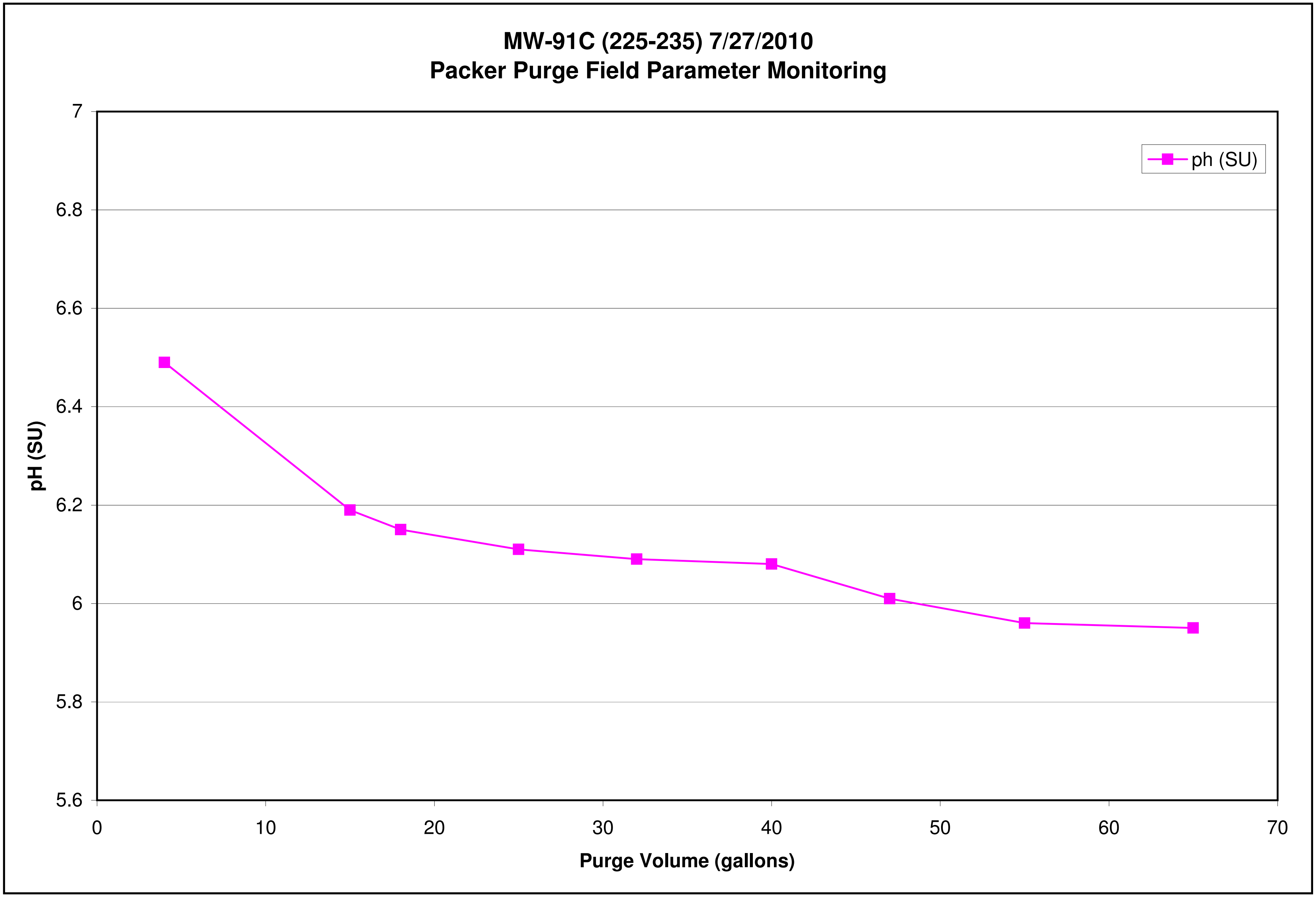
MW-91C
225-235
7/27/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1325	1	4	56.41	6.49	9.73	1.018	97.4
1330	2	15	57.80	6.19	2.36	1.045	126.6
1335	2	18	58.38	6.15	2.92	1.052	130.4
1340	2	25	60.15	6.11	1.36	1.071	133.0
1345	2	32	60.59	6.09	6.57	1.098	137.9
1350	2	40	61.17	6.08	6.27	1.104	129.5
1355	1.5	47	61.08	6.01	4.83	1.103	127.8
1400	1.5	55	61.16	5.96	2.98	1.100	126.4
1405	-	65	60.88	5.95	2.75	1.095	124.2

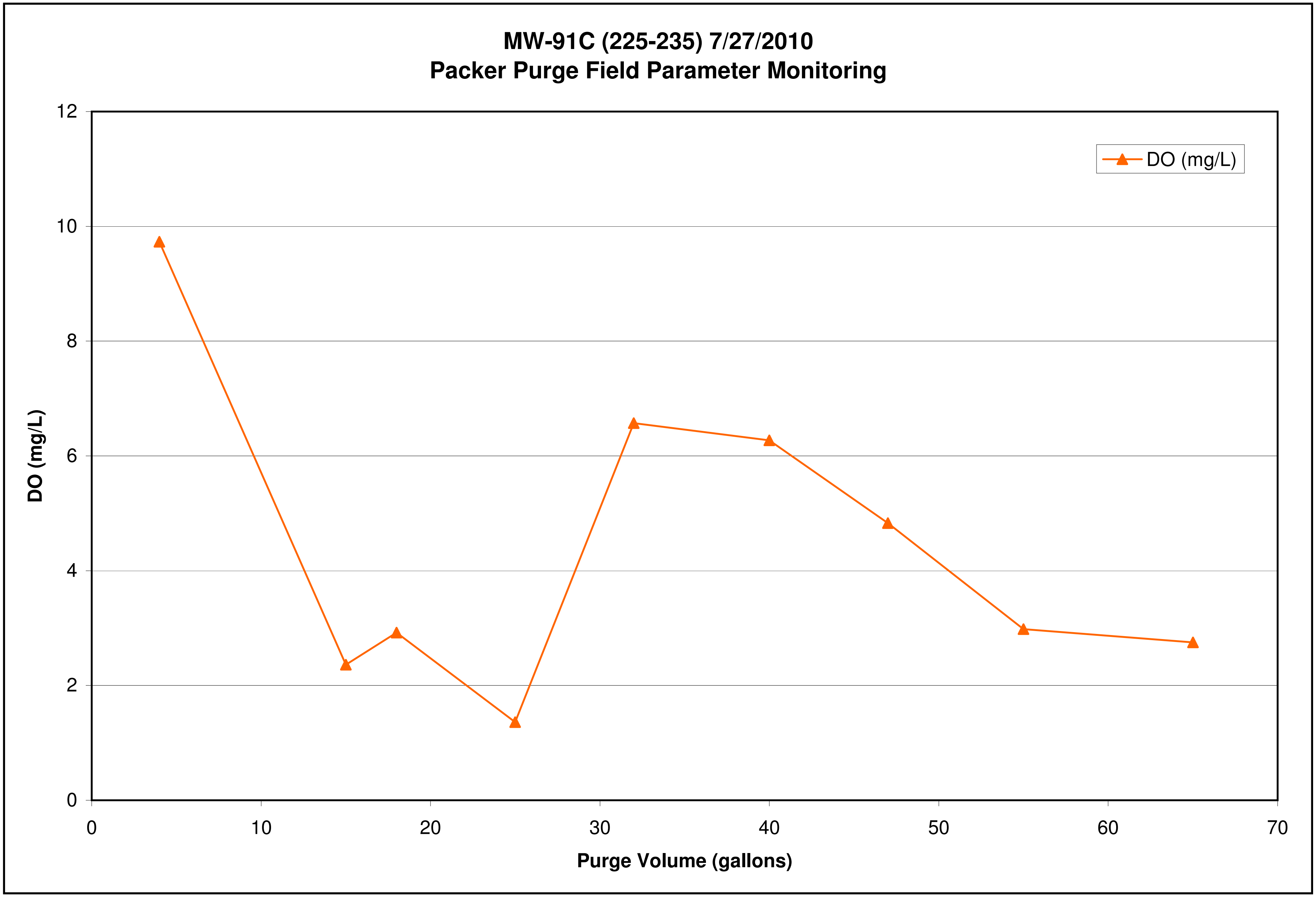
Notes:
- Calculated target purge volume = 64.8 gallons
- Packer interval purged dry at 73 gallons
- Sample collected after 73 gallons purged



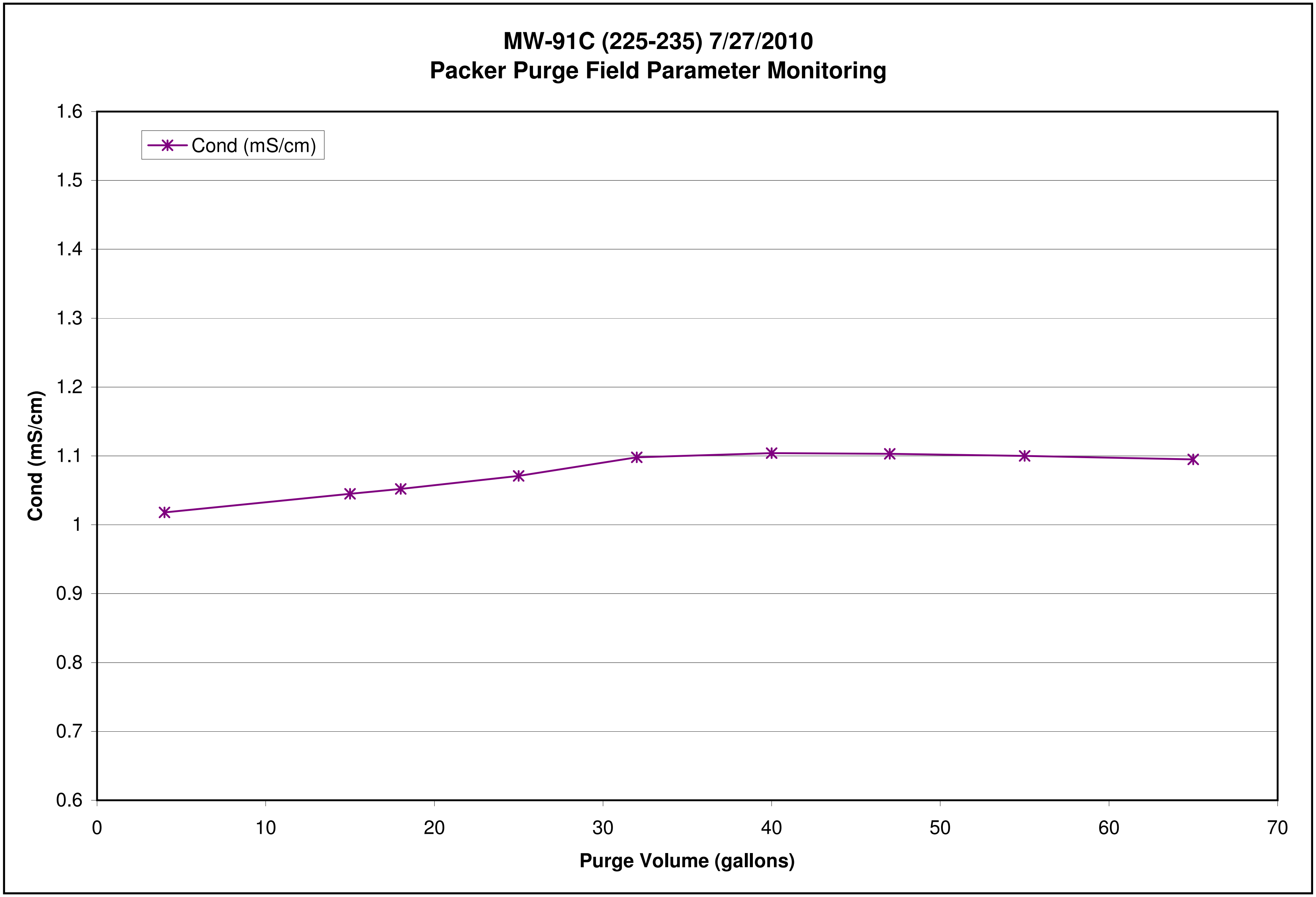
Kleinfelder
1340 Charwood Road, Suite I
Hanovwer, Maryland



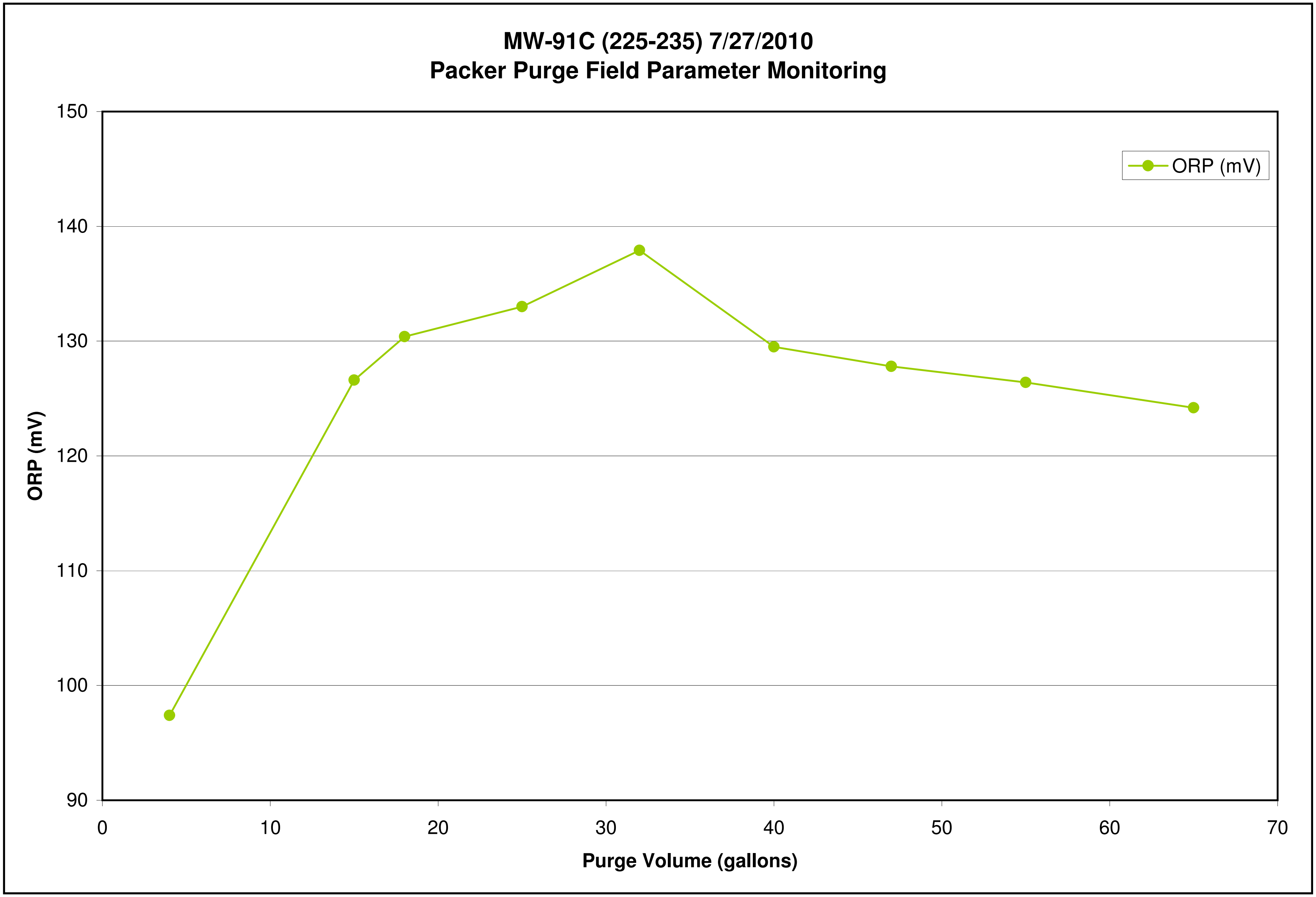
Kleinfelder
1340 Charwood Road, Suite I
Hanovwer, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanovwer, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanovwer, Maryland



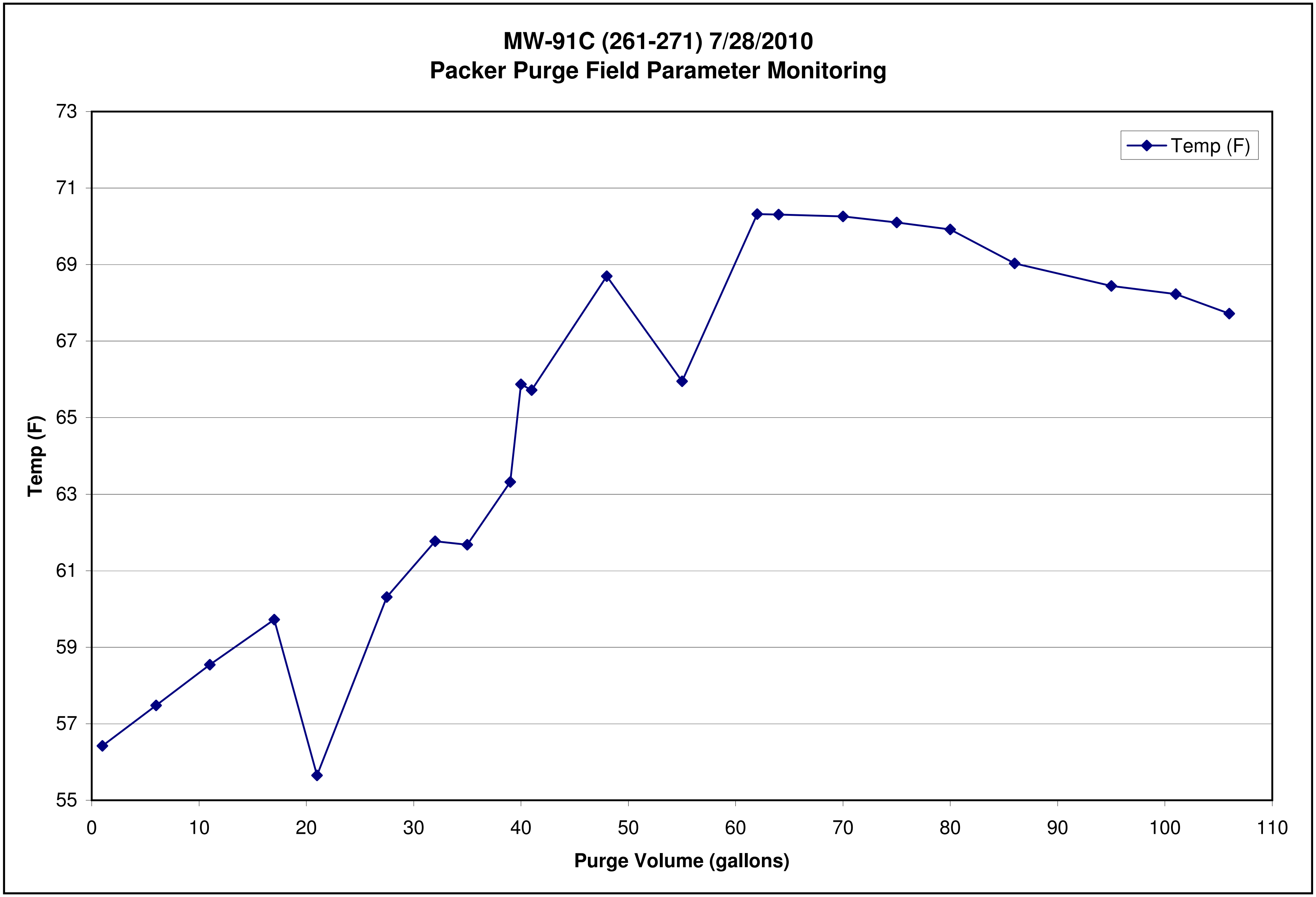
Kleinfelder
1340 Charwood Road, Suite I
Hanovwer, Maryland

MW-91C
261-271
7/28/2010

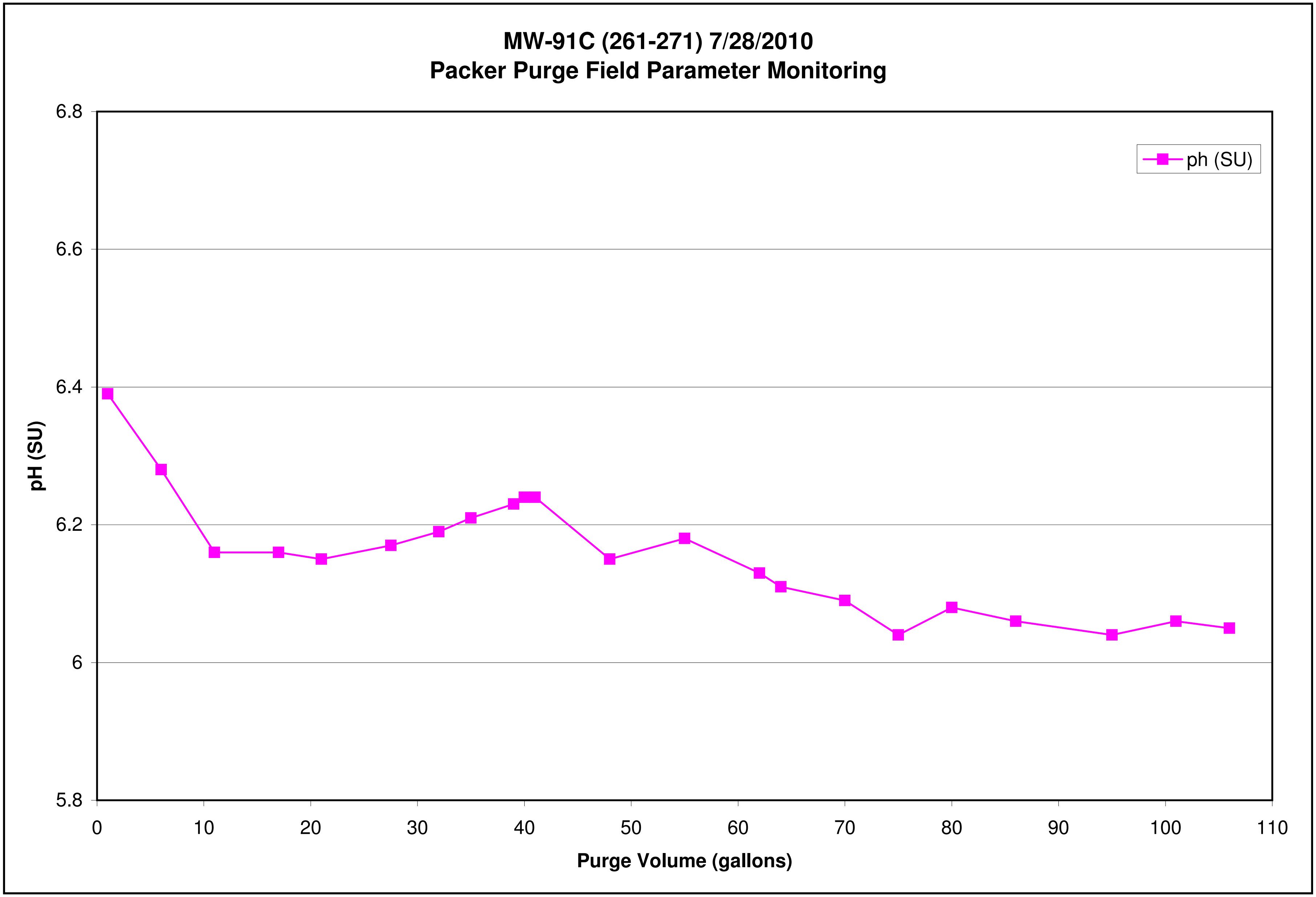
Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1200	2	1	56.42	6.39	12.9	1.052	123.8
1205	0.75	6	57.48	6.28	7.49	1.067	142.8
1210	0.75	11	58.54	6.16	6.99	1.075	155.1
1215	0.5	17	59.72	6.16	6.59	1.092	153.5
1220	-	21	55.65	6.15	7.15	1.079	152.2
1225	1	27.5	60.31	6.17	7.01	1.099	149.1
1230	0.66	32	61.77	6.19	6.83	1.121	148.3
1235	1	35	61.68	6.21	7.34	1.12	147.9
1240	0.5	39	63.32	6.23	8.95	1.148	147.9
1245	0.5	40	65.87	6.24	7.82	1.187	146.7
1250	0.5	41	65.72	6.24	5.12	1.182	147.0
1305	0.5	48	68.7	6.15	7.70	1.213	142.2
1329	0.25	55	65.95	6.18	7.76	1.174	134.4
1350	0.25	62	70.32	6.13	7.97	1.259	129.0
1400	0.25	64	70.31	6.11	7.77	1.256	126.8
1415	0.5	70	70.26	6.09	7.09	1.246	135.5
1425	0.5	75	70.10	6.04	9.74	1.244	135.2
1435	0.5	80	69.92	6.08	7.82	1.245	138.2
1445	0.5	86	69.03	6.06	8.62	1.228	135.8
1455	0.5	95	68.44	6.04	7.88	1.221	136.3
1505	0.5	101	68.23	6.06	9.63	1.218	136.0
1510	0.5	106	67.72	6.05	8.89	1.211	136.0

Notes:
- Calculated target purge volume = 82.3 gallons
- Packer interval purged dry at 115 gallons
- Samples collected after 90 and 115 gallons purged

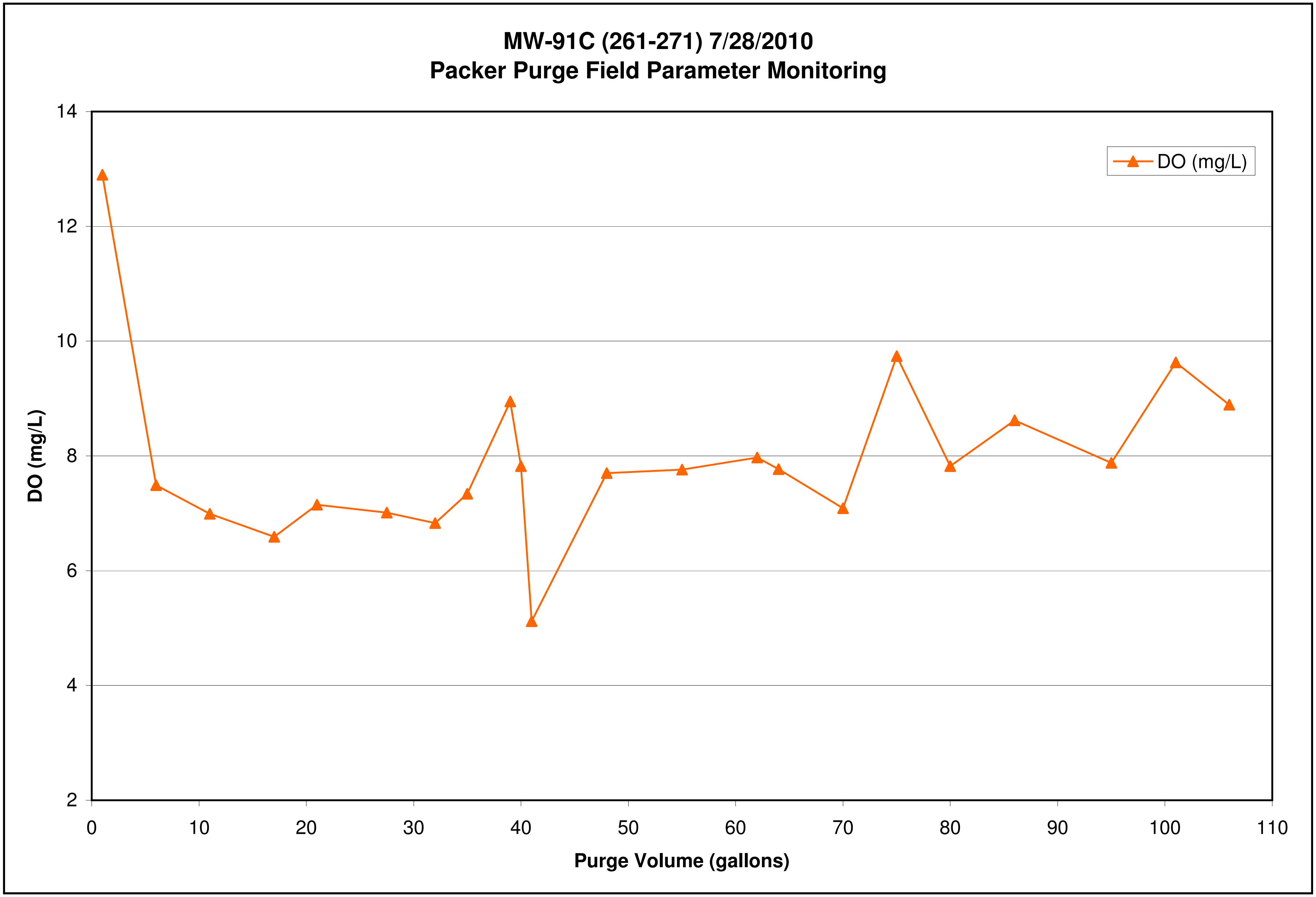
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanovwer, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanovwer, Maryland



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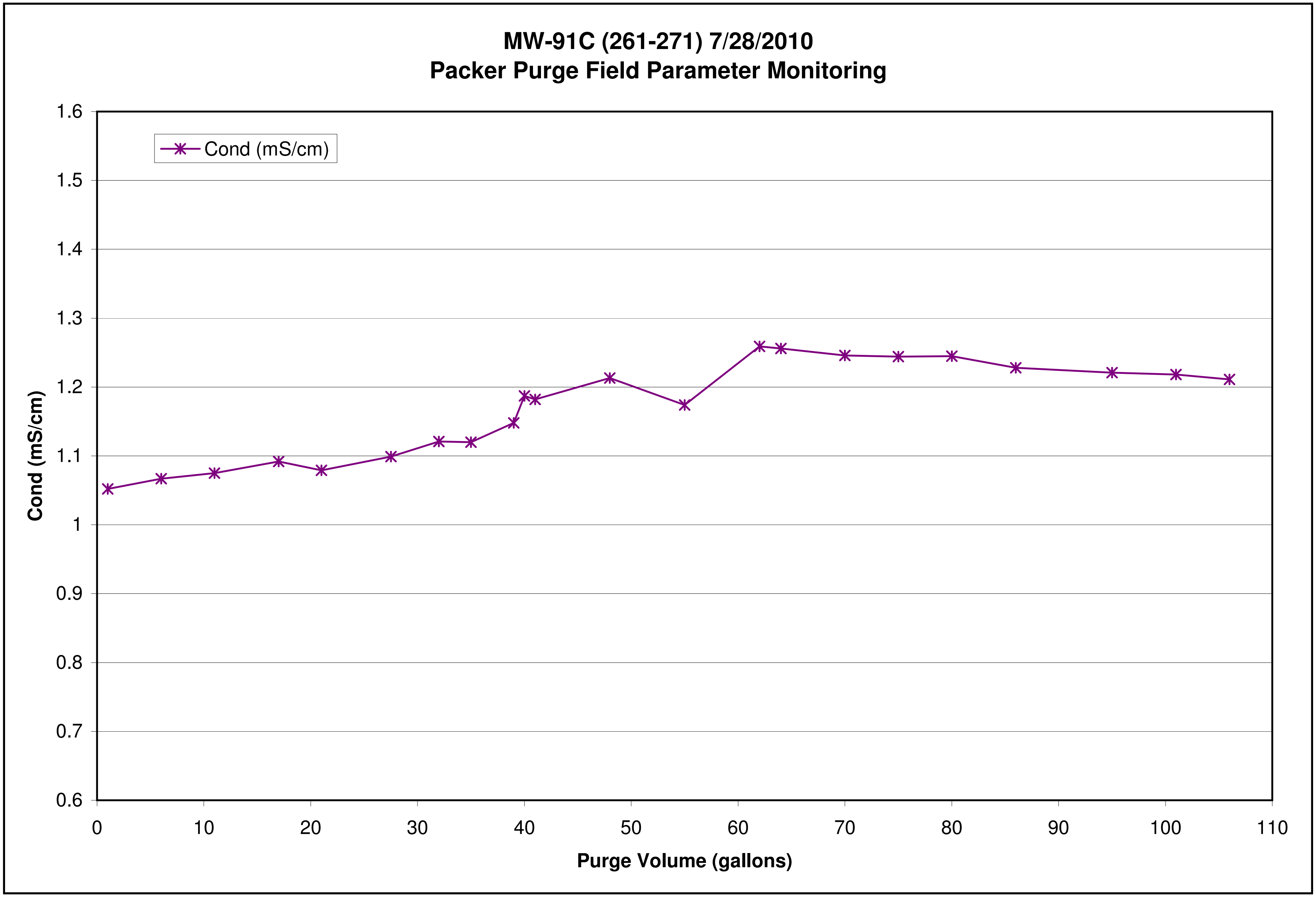
Hanovwer, Maryland



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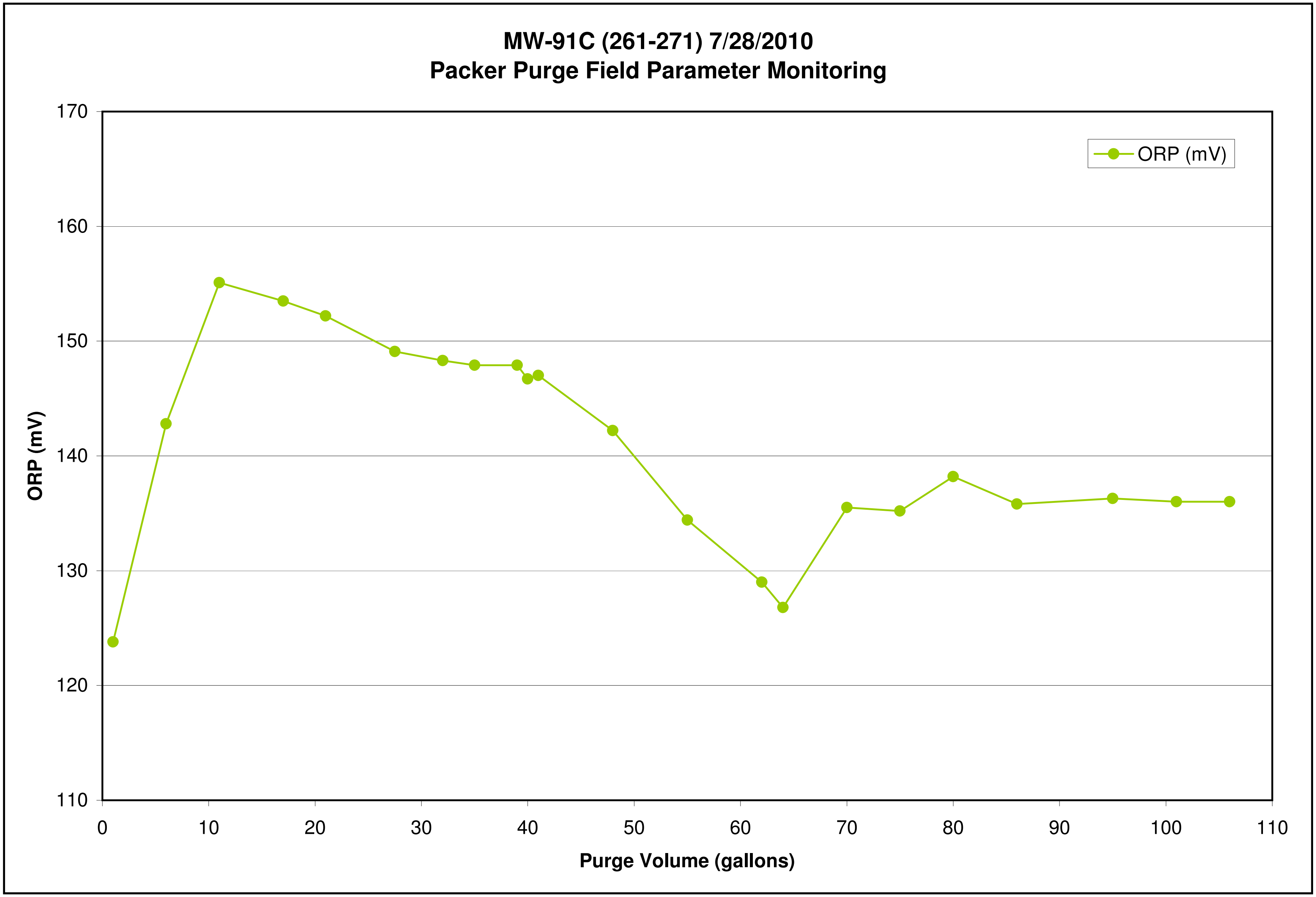
Hanovwer, Maryland



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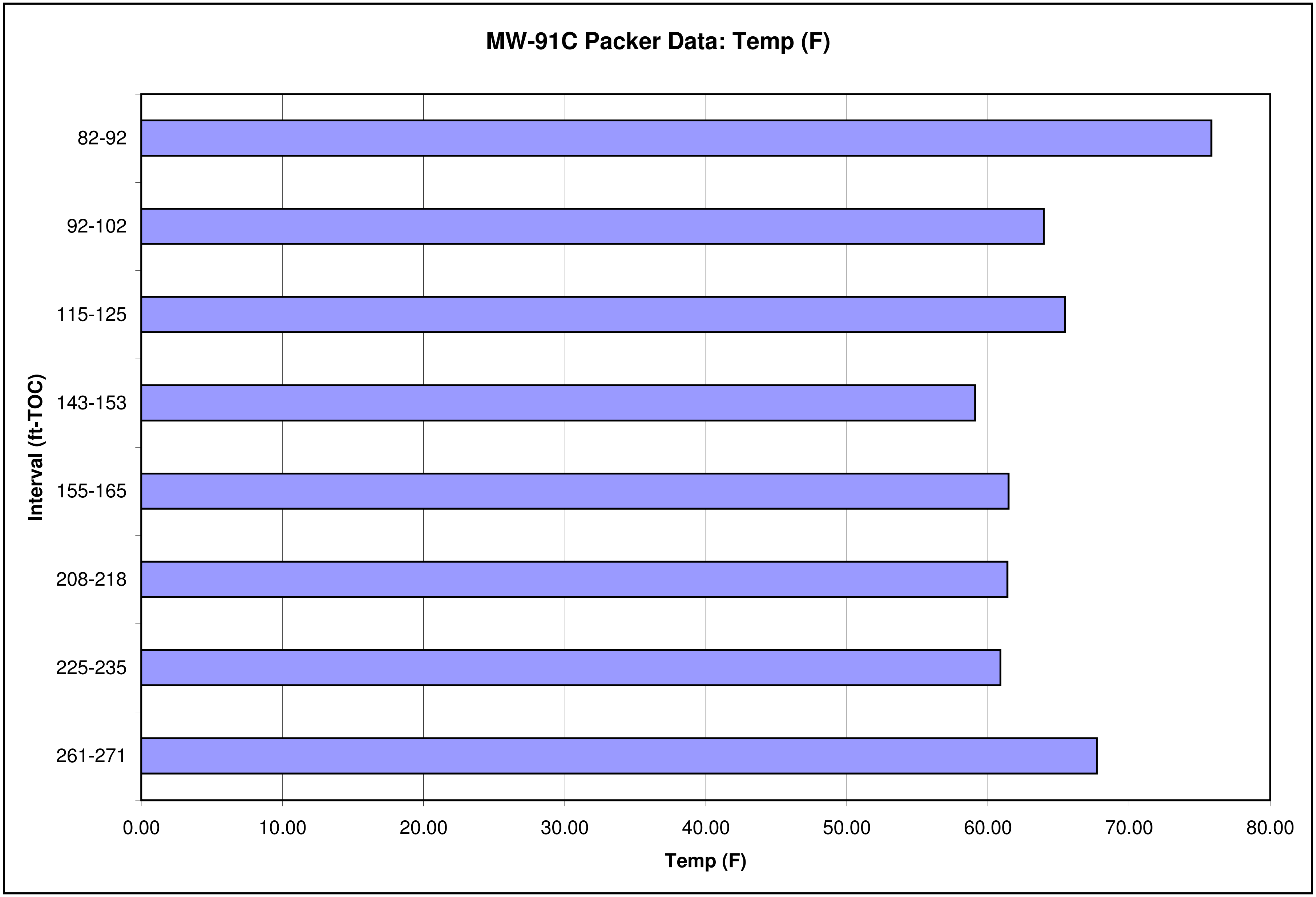
Hanovwer, Maryland



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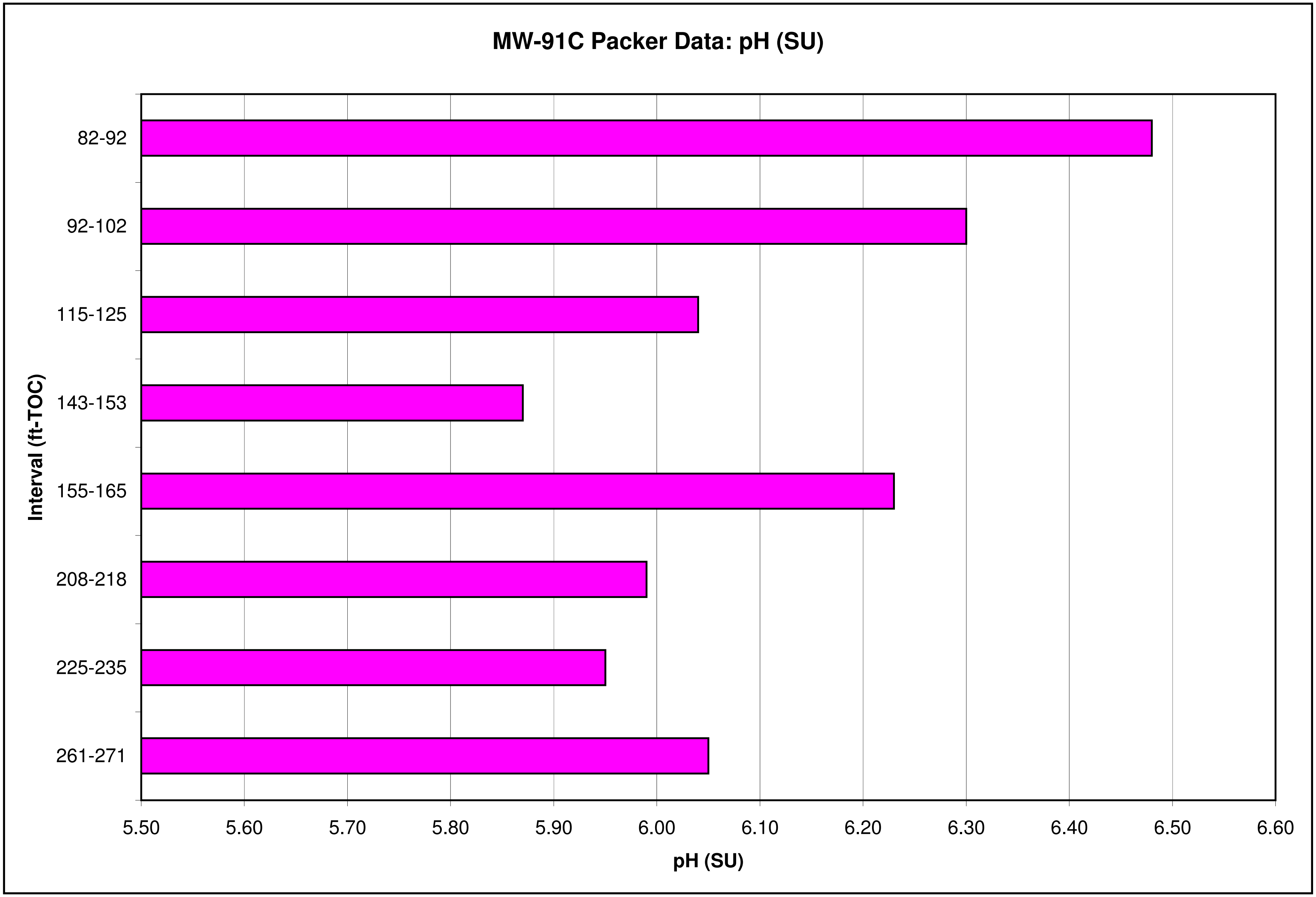
Hanover, Maryland



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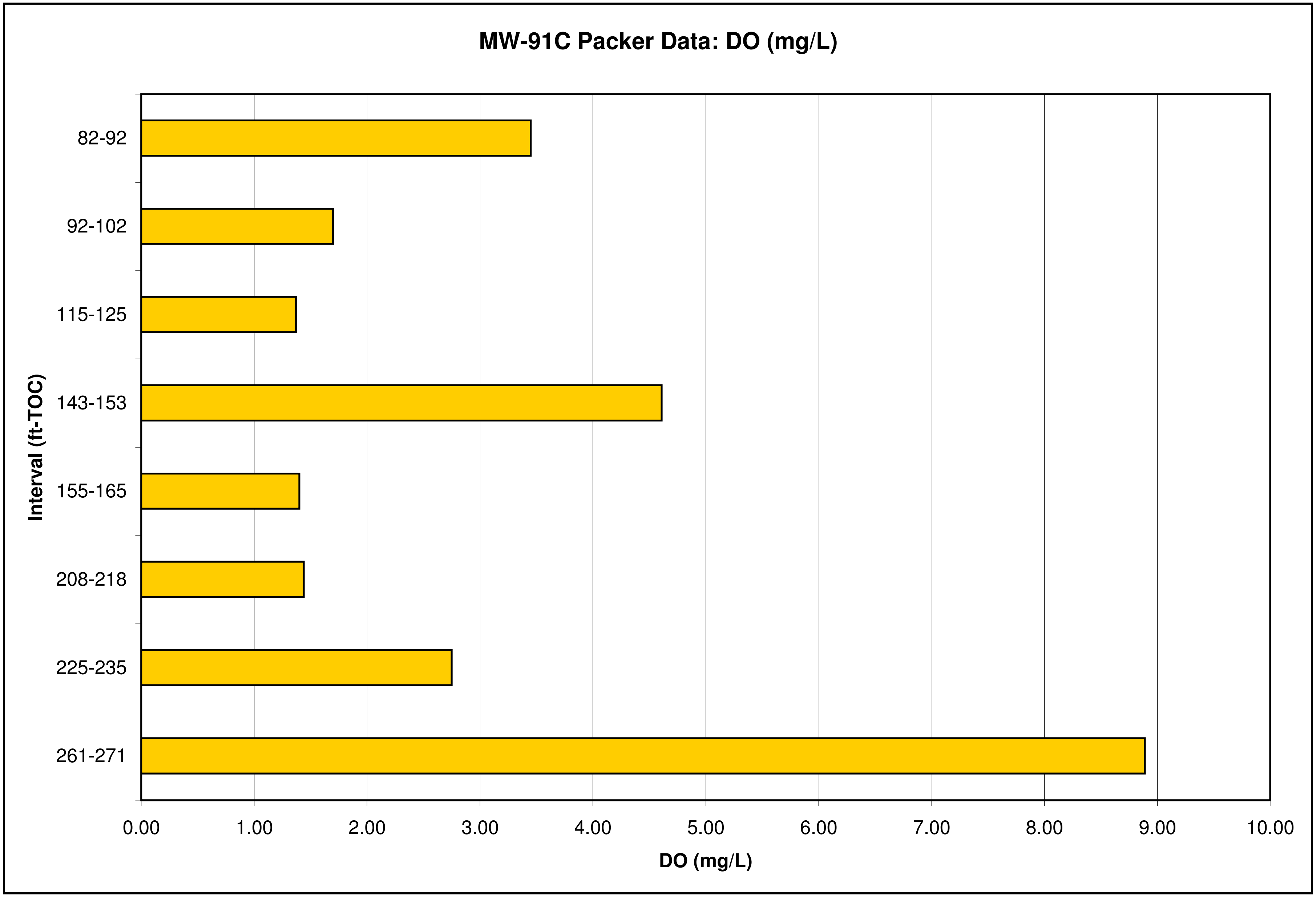
Hanover, Maryland



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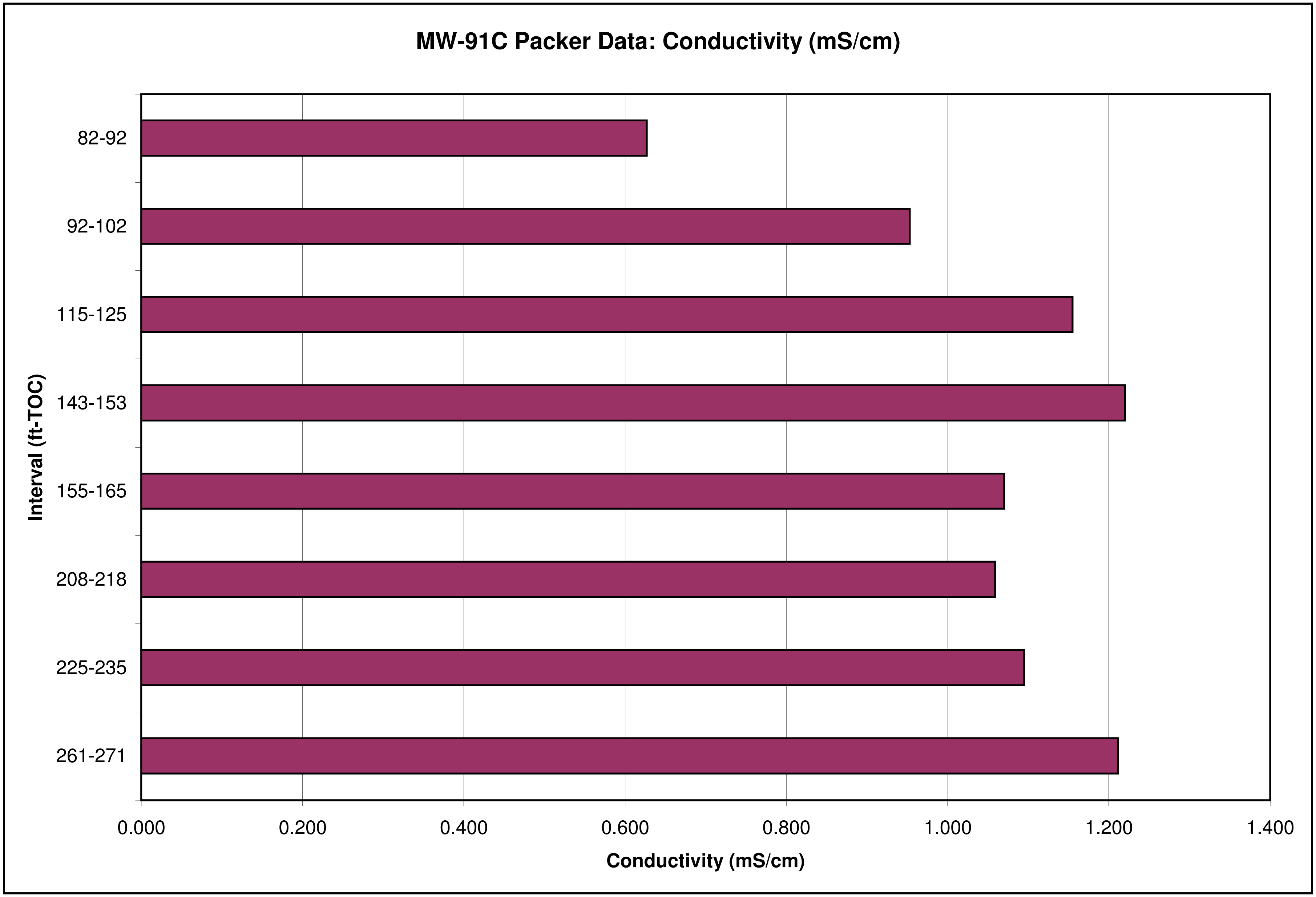
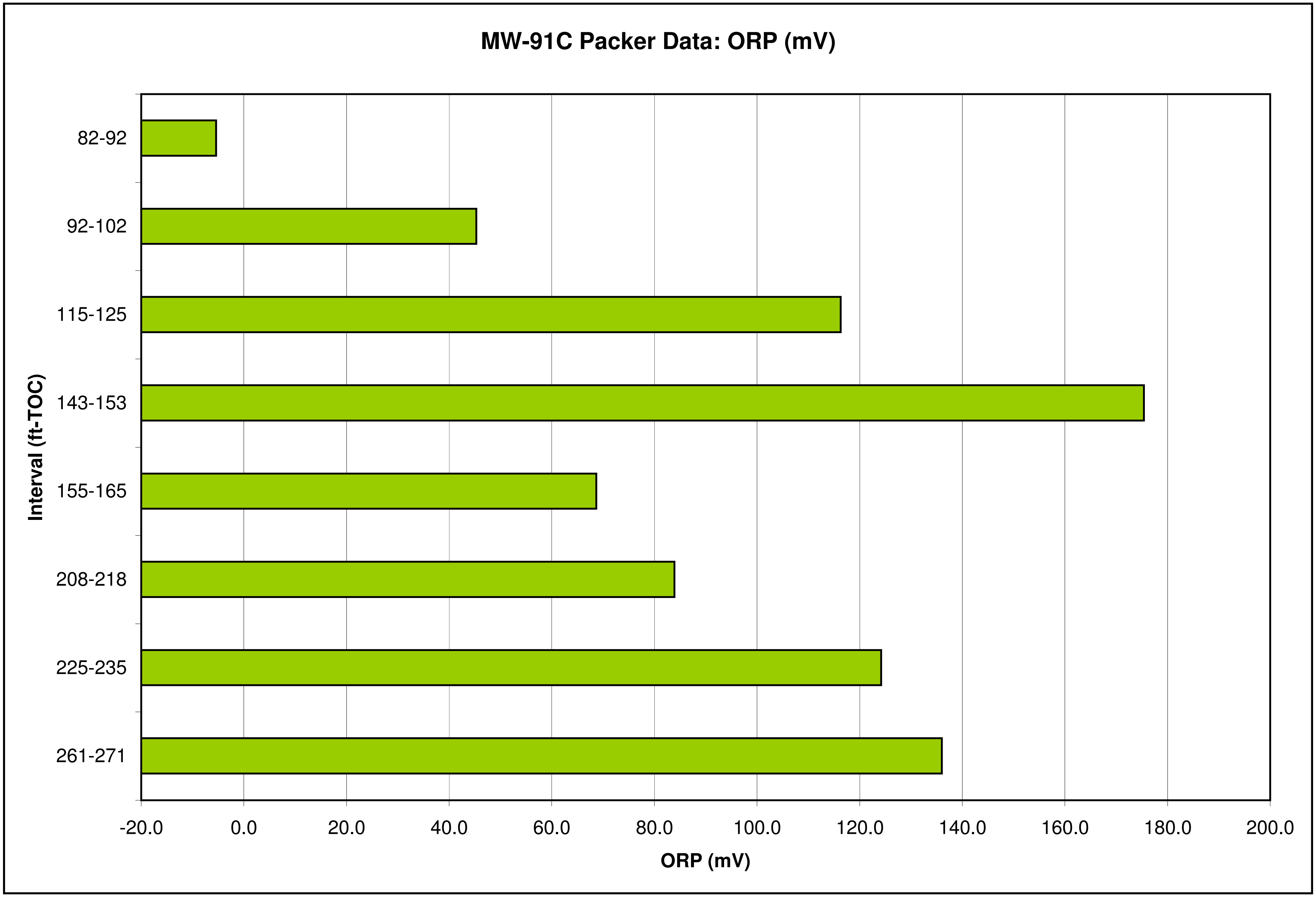
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



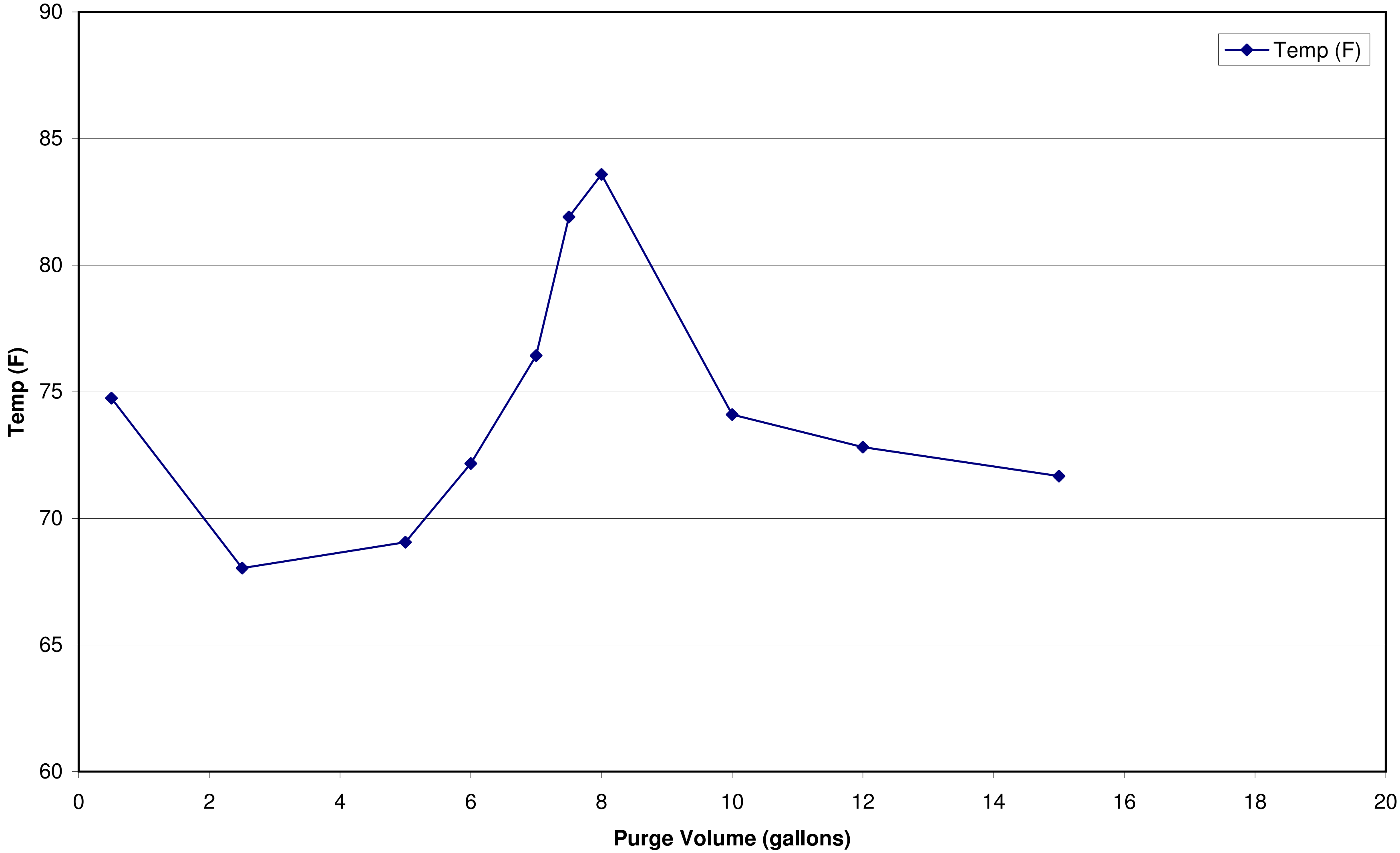
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-168
110-120
7/21/2010

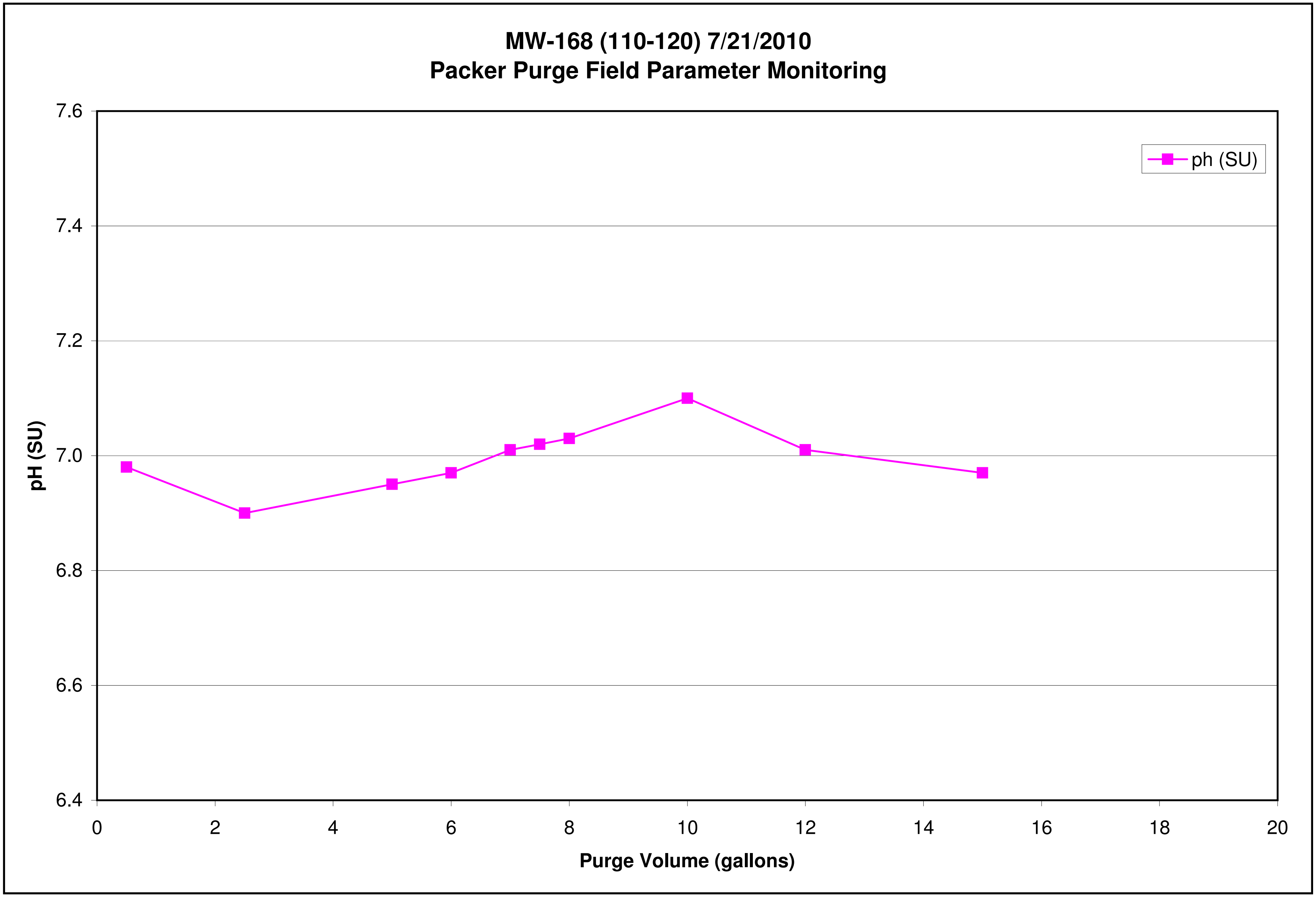
Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1357	0.5	0.5	74.75	6.98	5.8	0.454	41.3
1400	0.125	2.5	68.04	6.9	4.28	0.458	32.7
1405	0.5	5	69.06	6.95	1.80	0.498	21.2
1410	0.25	6	72.17	6.97	0.71	0.573	27.2
1415	0.25	7	76.43	7.01	0.77	0.609	32.1
1420	-	7.5	81.90	7.02	0.89	0.639	42.8
1425	-	8	83.58	7.03	0.84	0.649	47.3
1440	0.5	10	74.10	7.10	1.04	0.397	21.5
1445	0.5	12	72.81	7.01	0.87	0.389	25.5
1450	0.5	15	71.67	6.97	0.73	0.385	31.0

Notes:
- Calculated target purge volume = 18.83 gallons
- Packer interval purged dry at 16 gallons
- Samples collected after 16 gallons purged

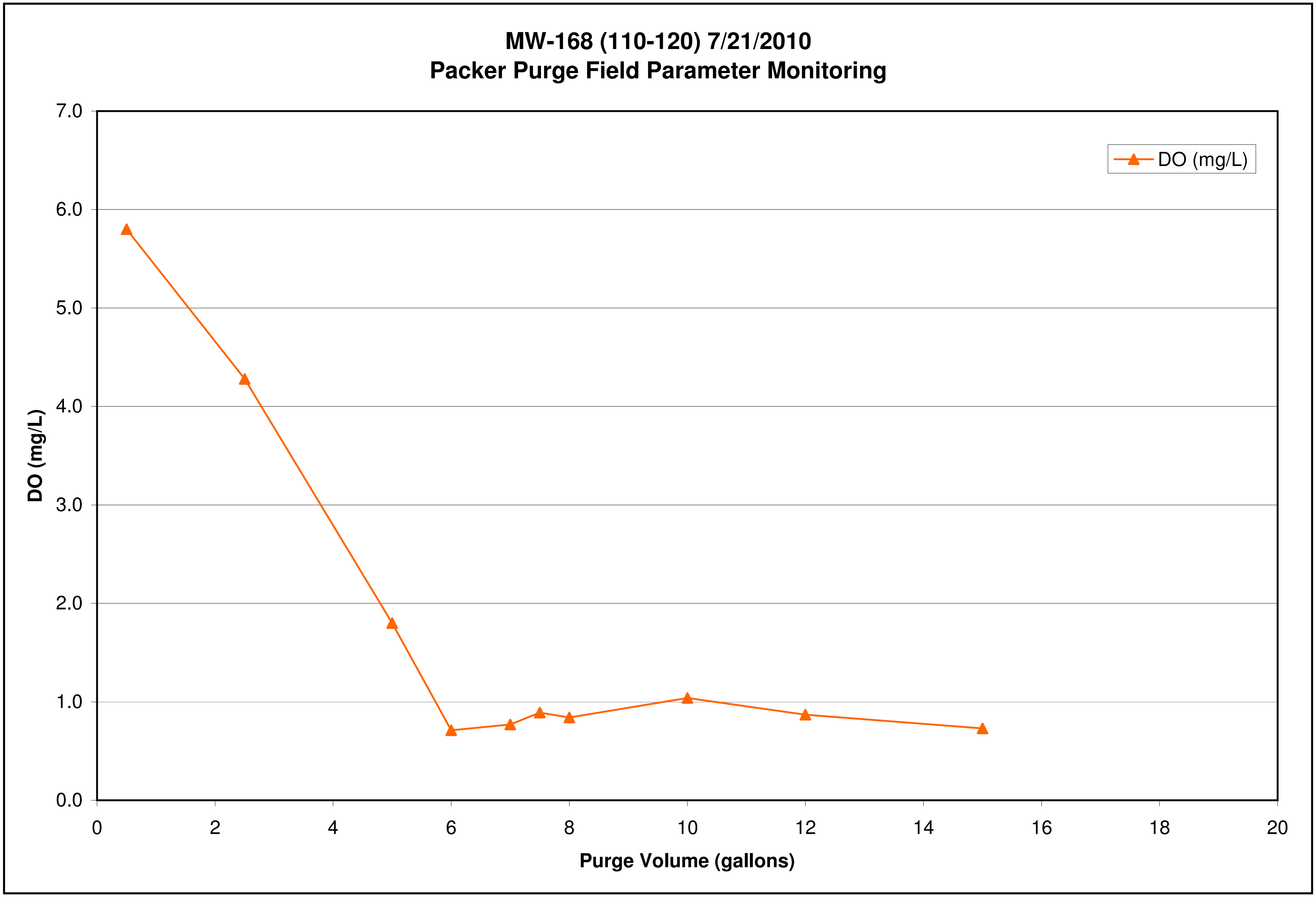
MW-168 (110-120) 7/21/2010
Packer Purge Field Parameter Monitoring



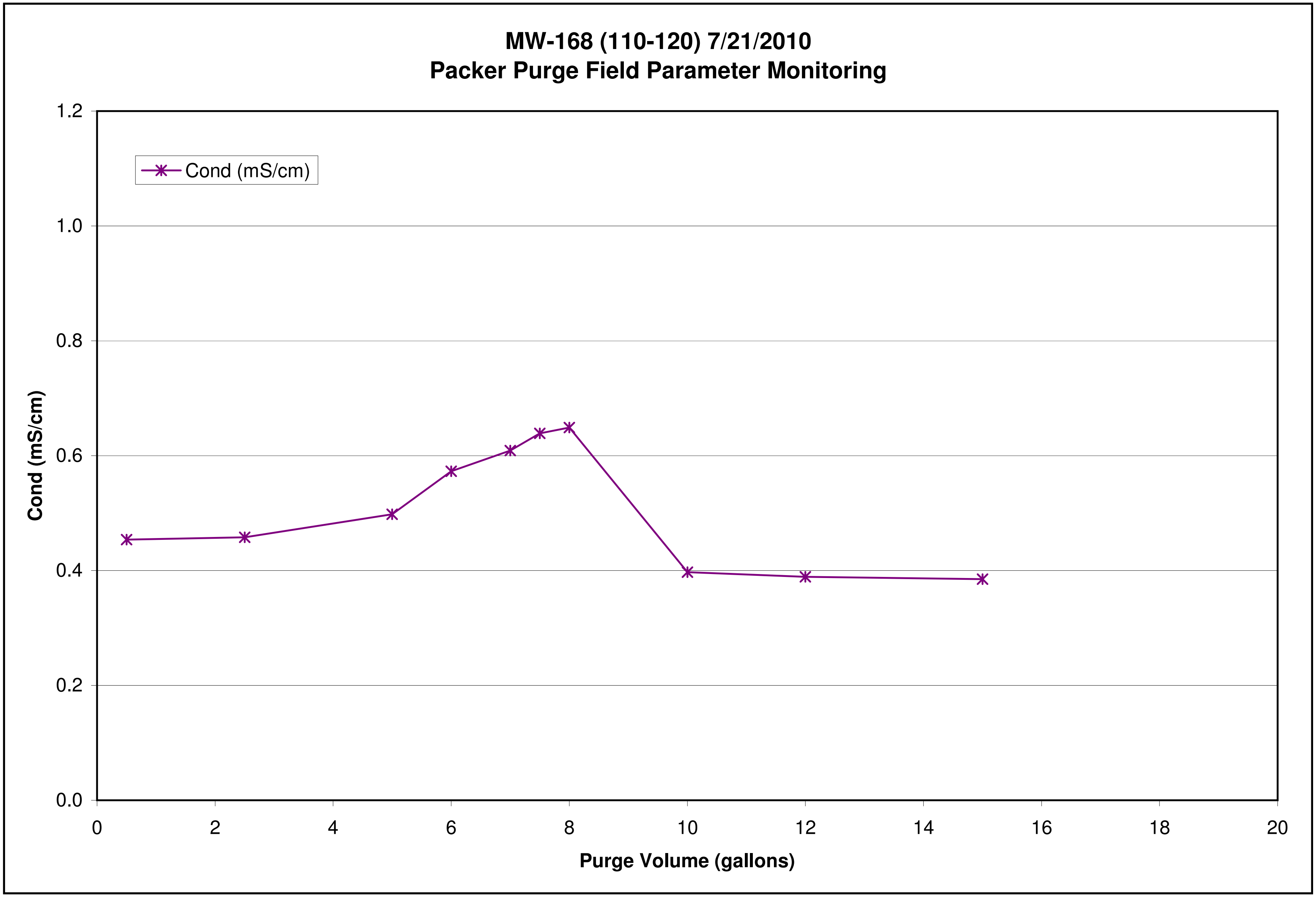
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



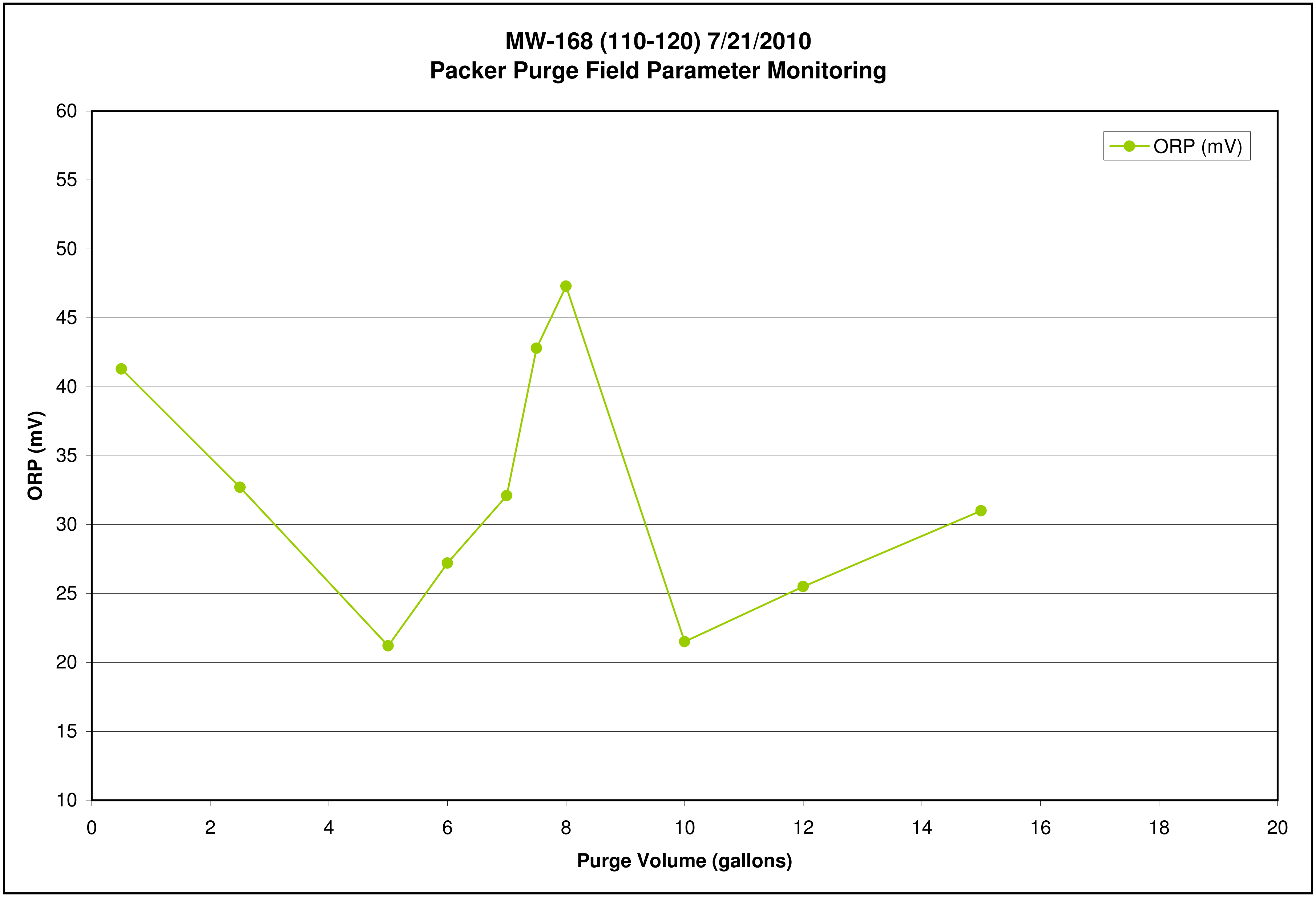
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

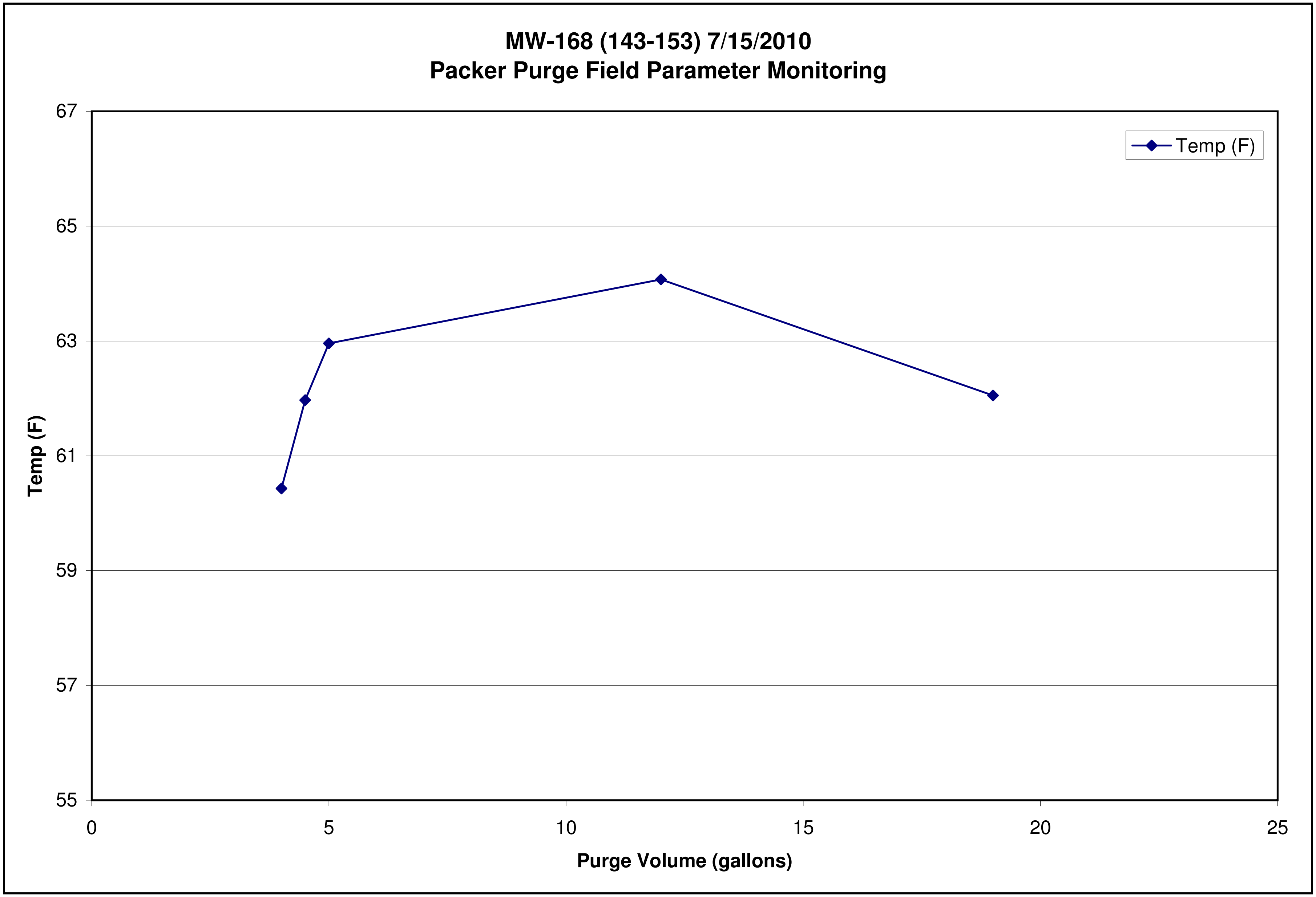


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-168
143-153
7/15/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1355	1	4	60.43	6.18	3.08	0.295	93.2
1400	0.5	4.5	61.97	6.36	2.89	0.279	83.0
1405	0.75	5	62.96	6.49	3.16	0.282	70.3
1410	0.25	12	64.07	6.58	3.56	0.269	68.1
1420	0.75	19	62.05	6.52	4.08	0.359	64.6

Notes:
- Calculated target purge volume = 22.66 gallons
- Packer interval purged dry at 23 gallons
- Samples collected after 23 gallons purged



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Hanover, Maryland

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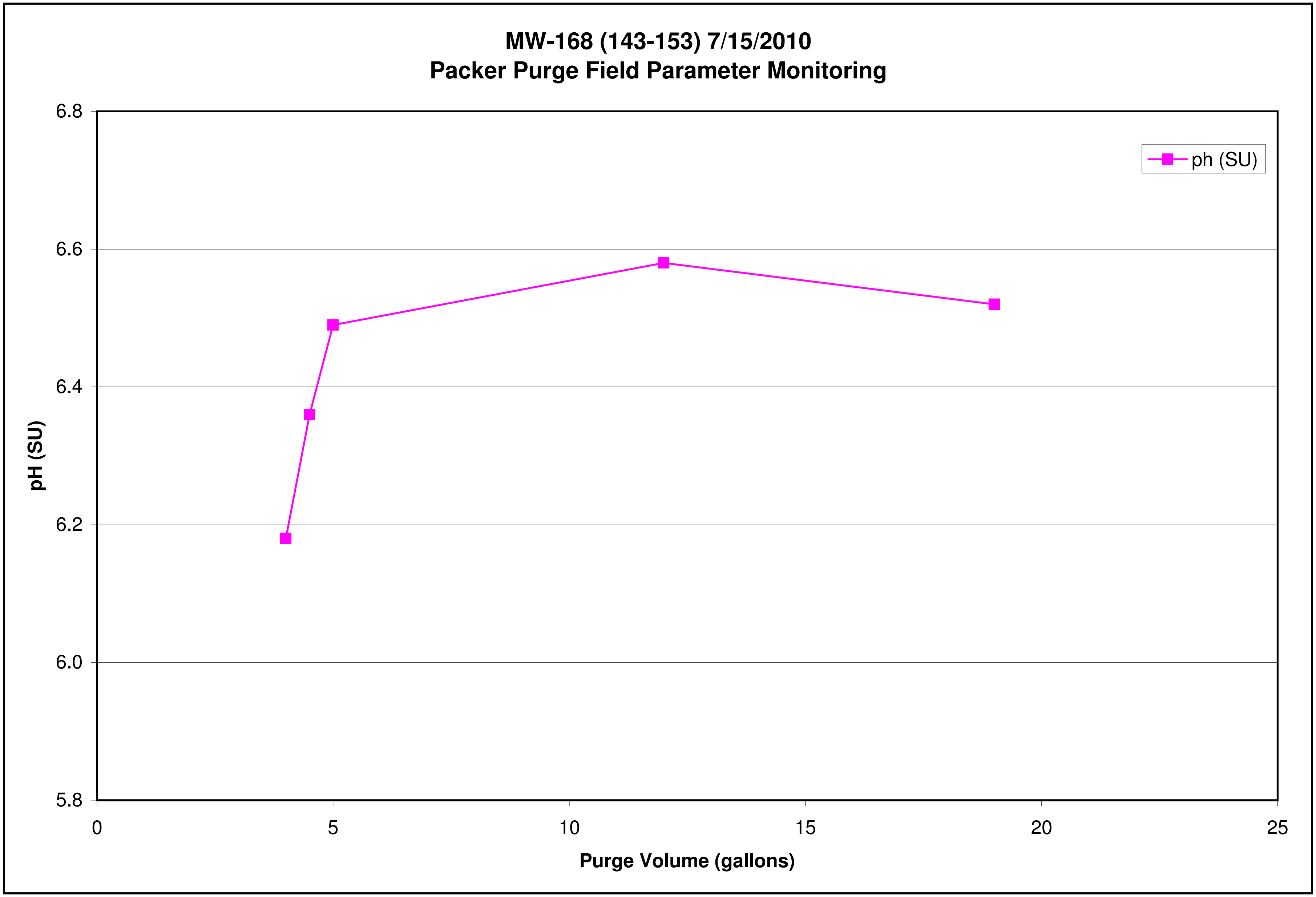
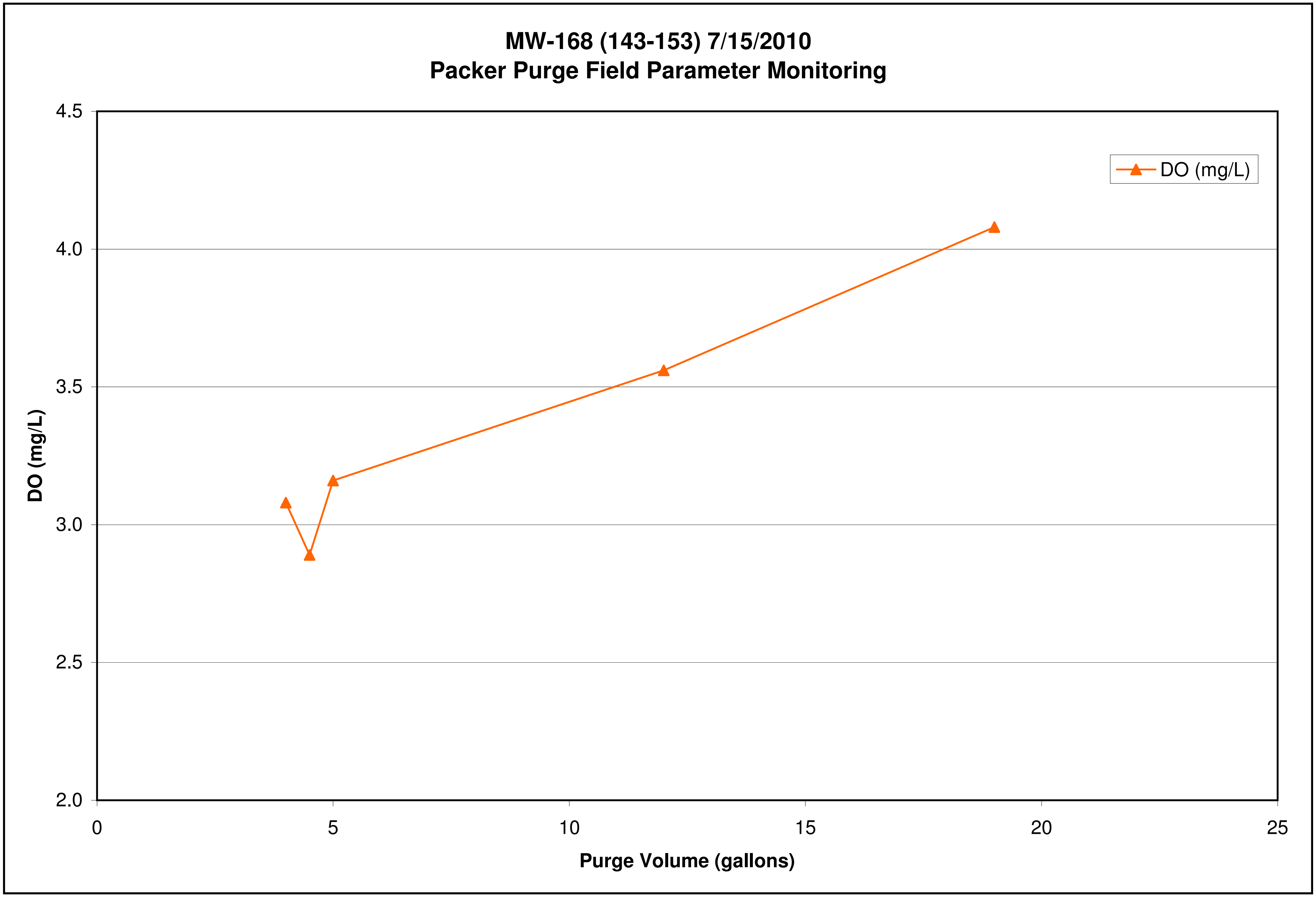
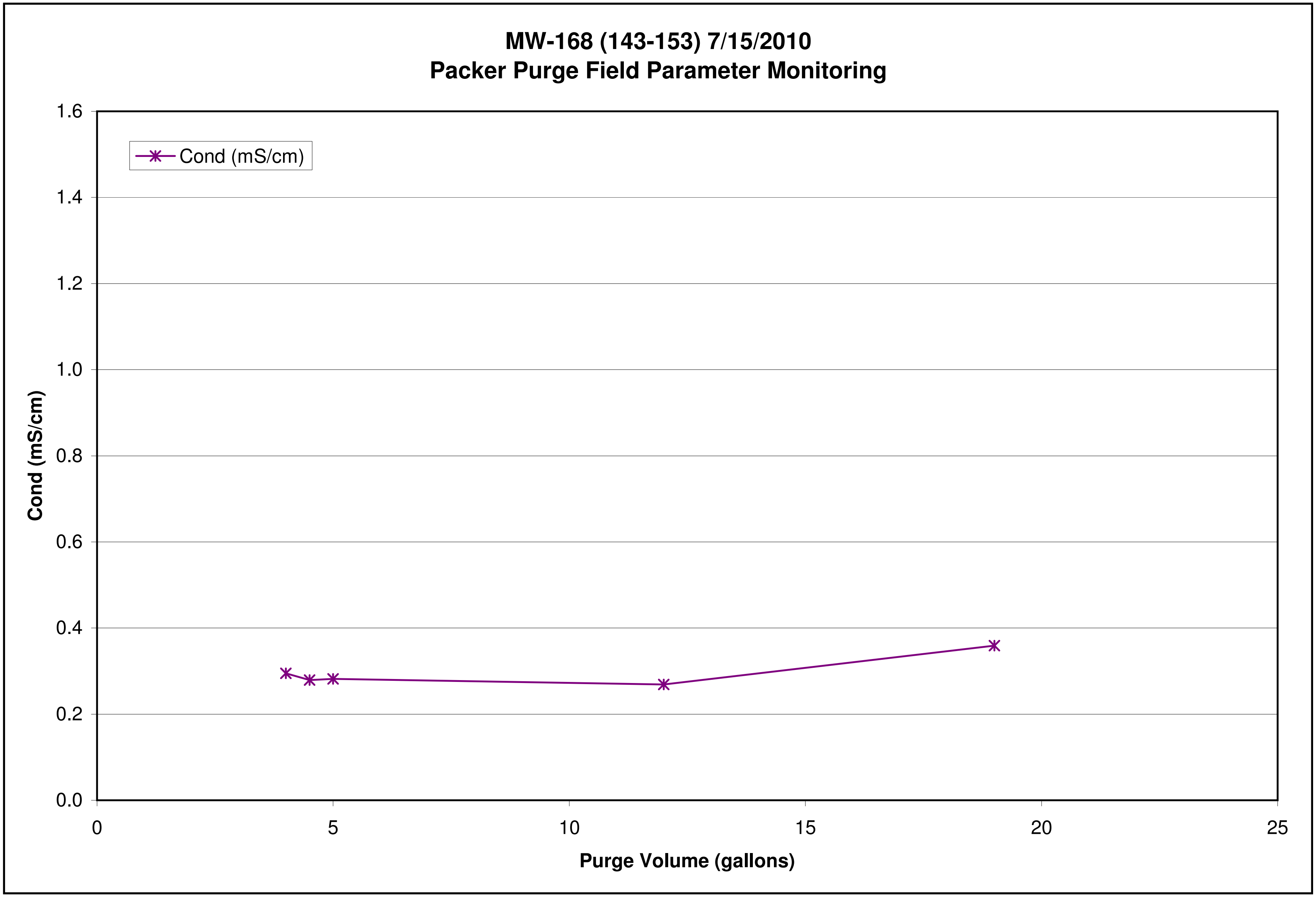


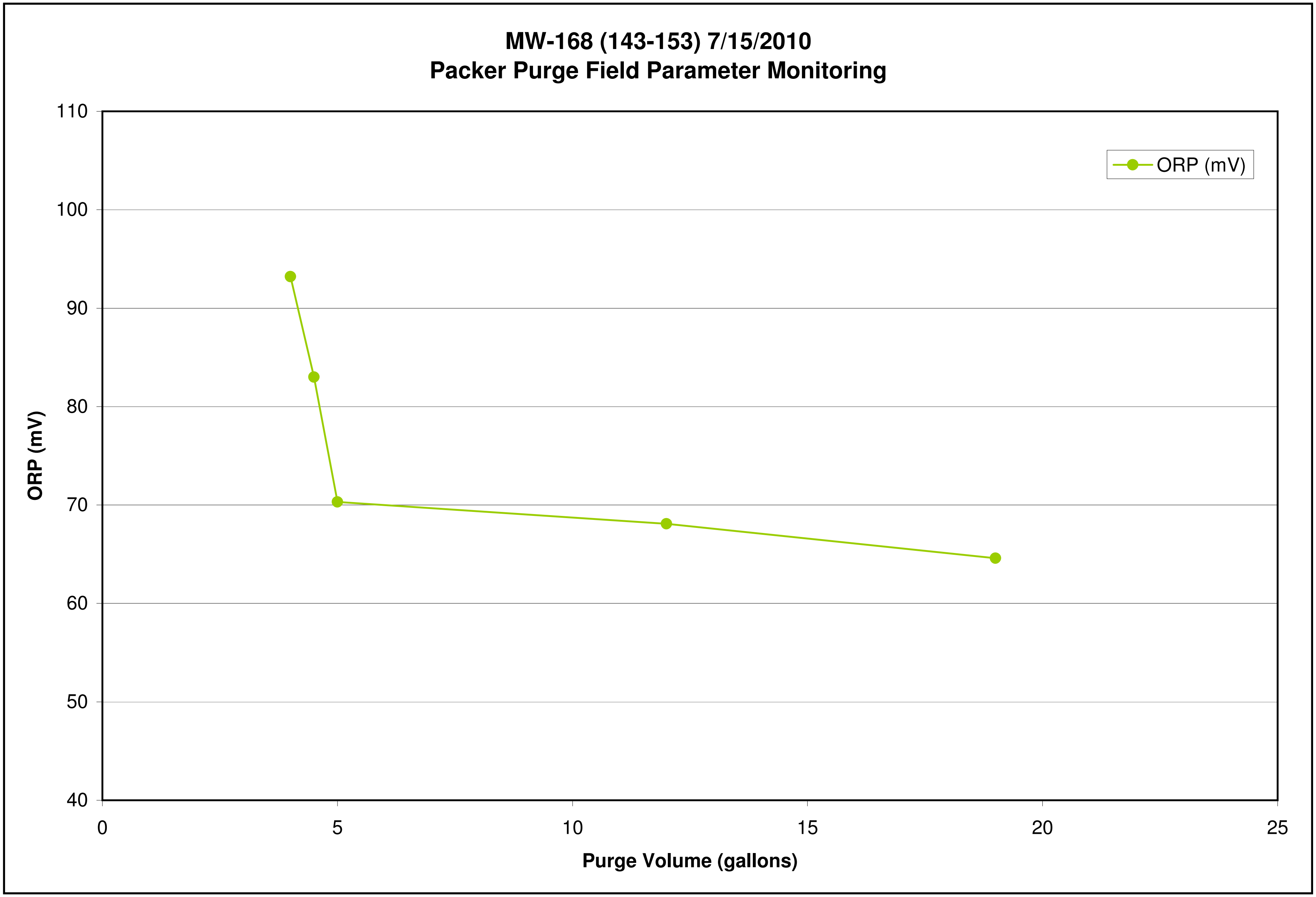
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

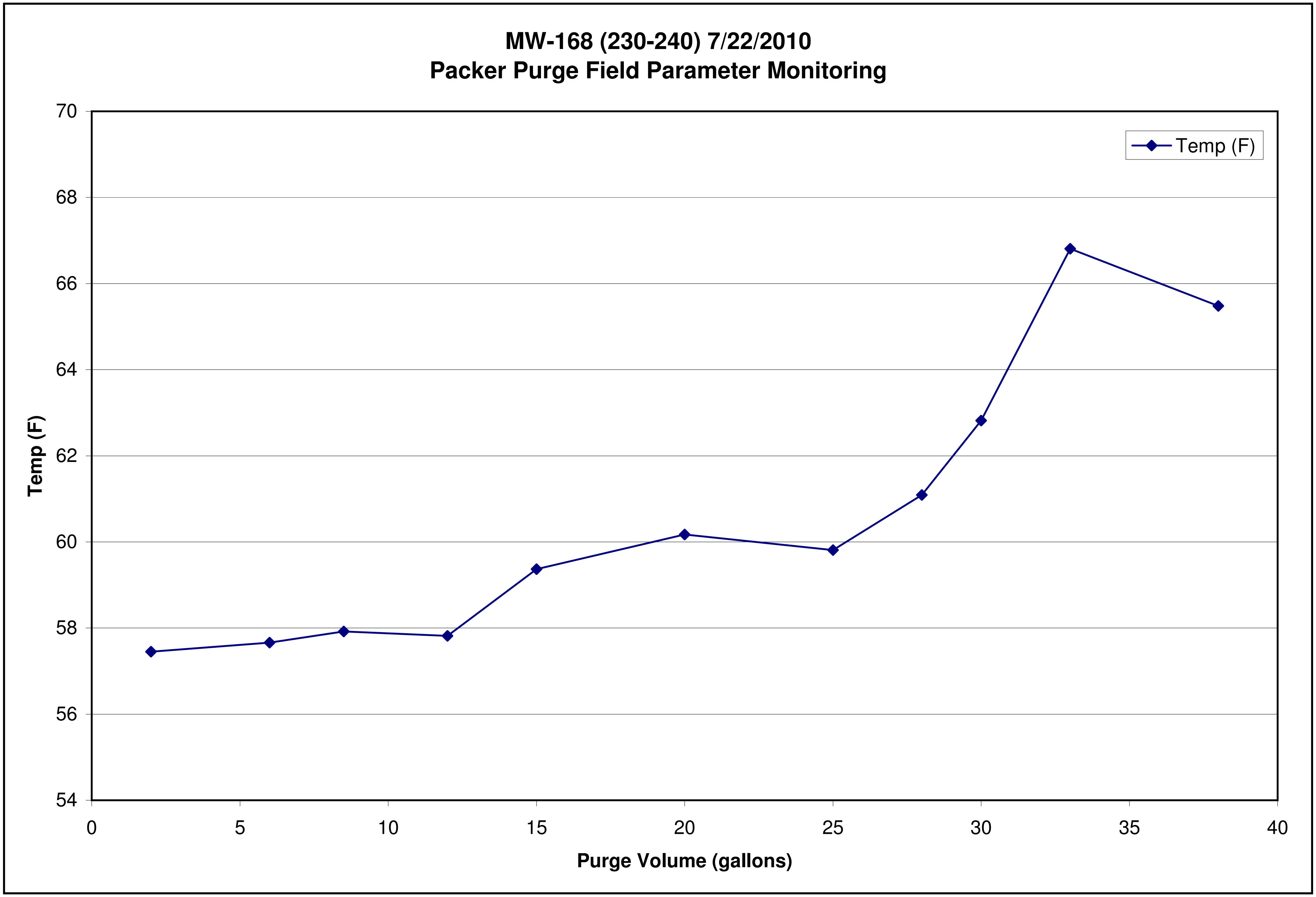


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

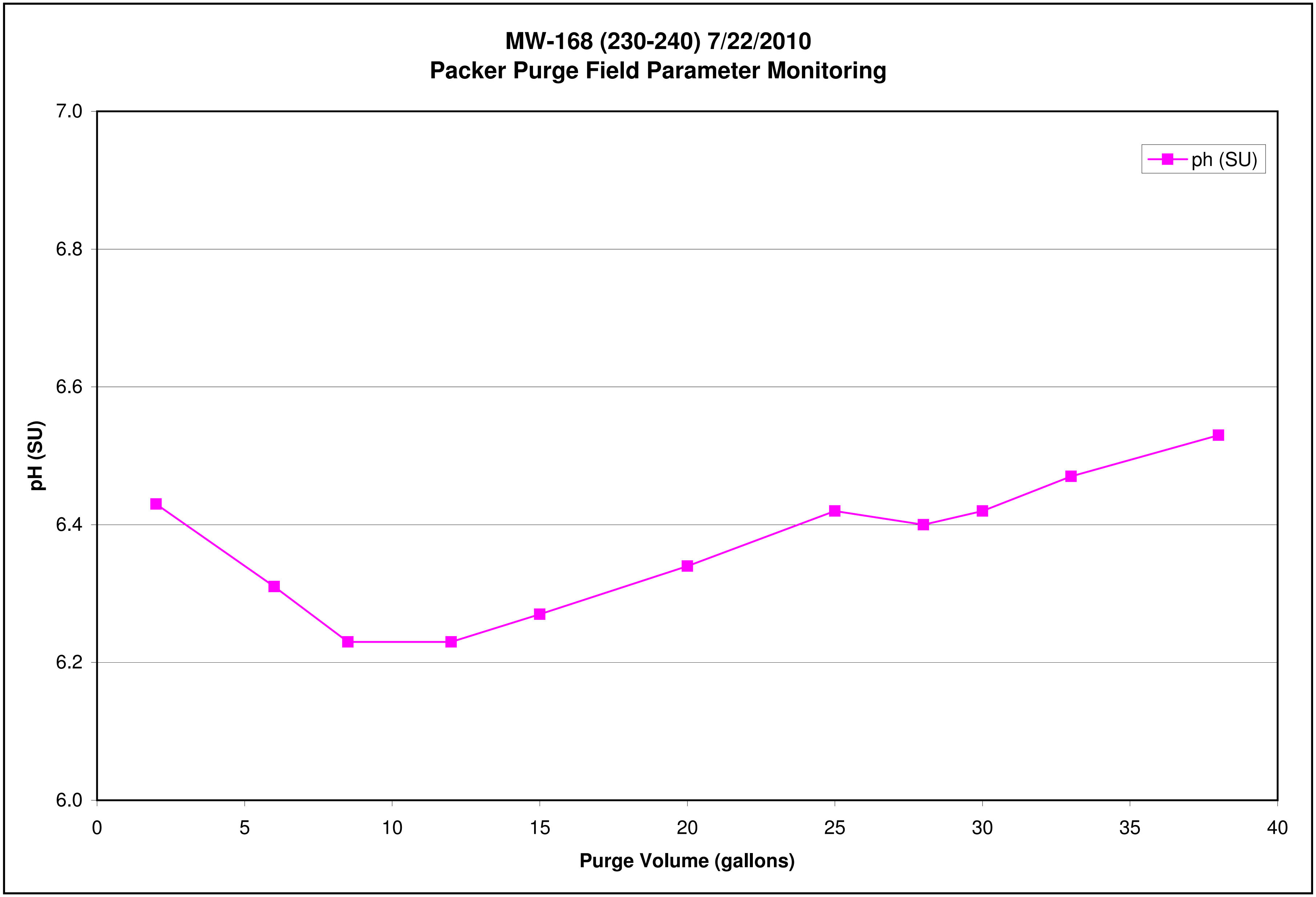
MW-168
230-240
7/22/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1331	1.1	2	57.45	6.43	2.55	0.587	25.6
1336	1	6	57.66	6.31	0.89	0.603	33.4
1341	0.75	8.5	57.92	6.23	0.57	0.589	39.4
1346	2	12	57.82	6.23	1.01	0.593	40.4
1351	1	15	59.37	6.27	0.88	0.586	34.4
1356	1	20	60.17	6.34	0.63	0.539	13.8
1401	1	25	59.81	6.42	0.70	0.492	3.4
1406	0.5	28	61.09	6.40	0.38	0.507	11.2
1411	0.5	30	62.82	6.42	0.63	0.473	6.6
1416	1	33	66.81	6.47	0.61	0.419	0.6
1421	1	38	65.48	6.53	0.78	0.404	-3.9

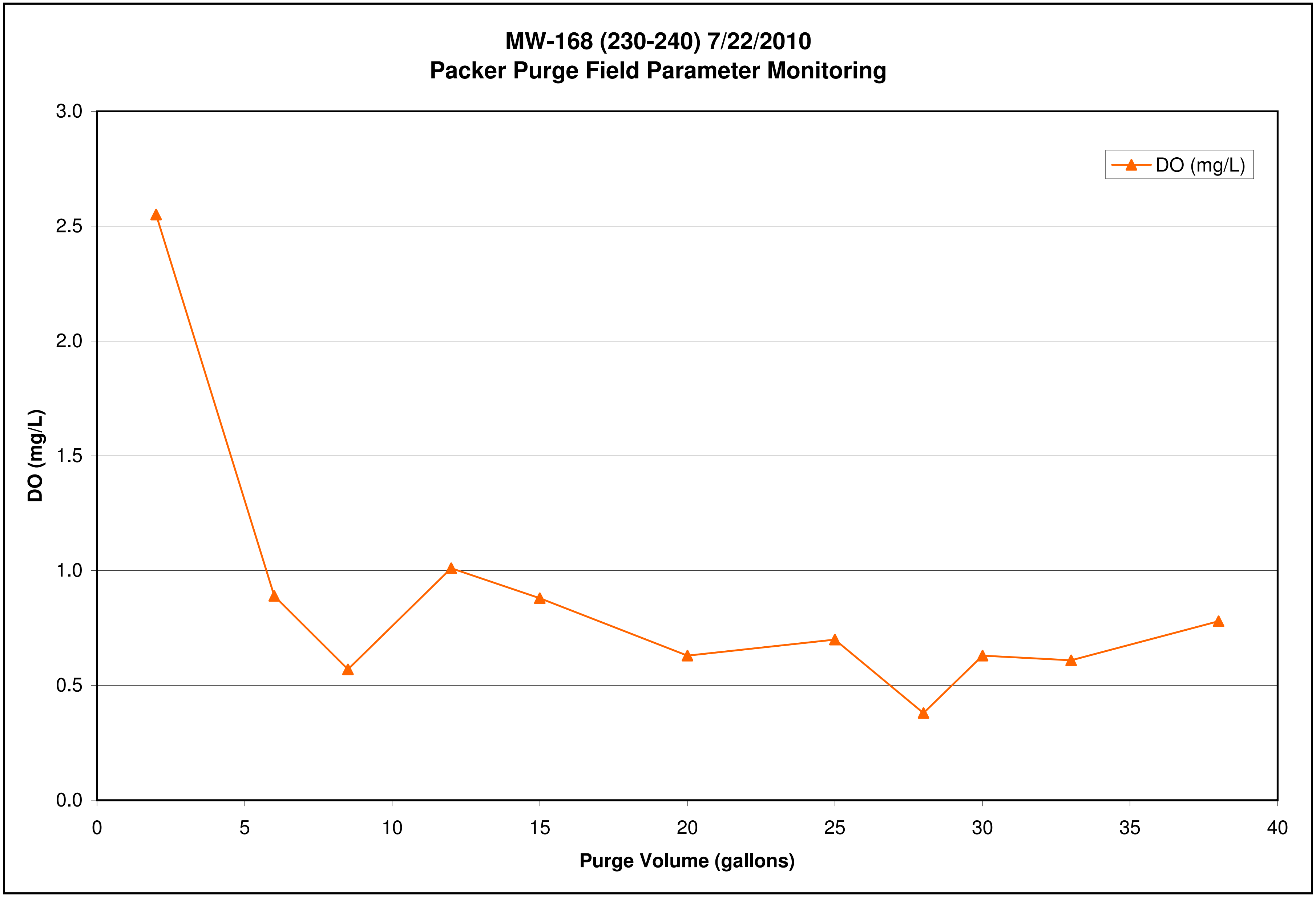
Notes:
- Calculated target purge volume = 39.7 gallons
- Packer interval purged dry at 42 gallons
- Samples collected after 42 gallons purged



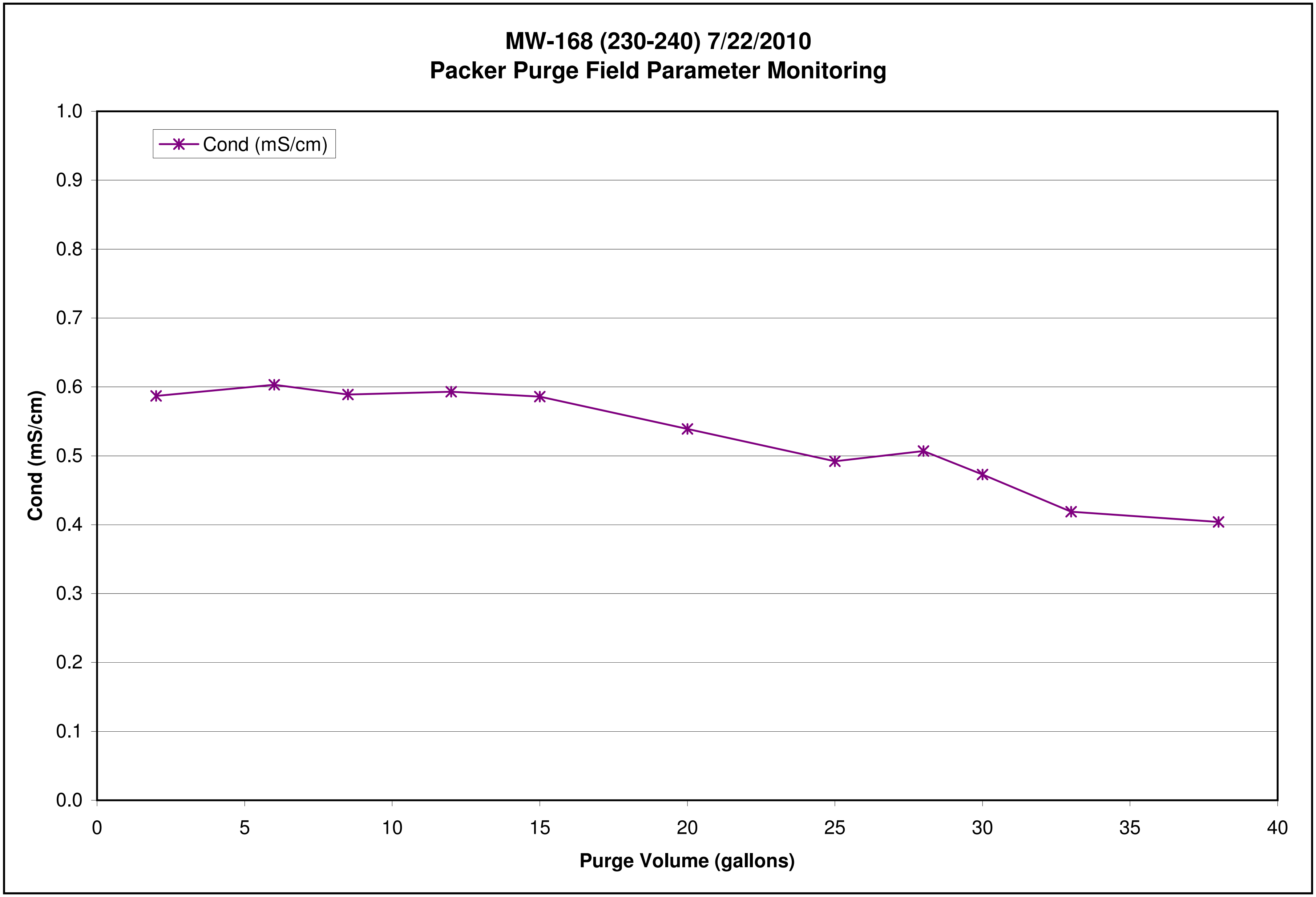
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



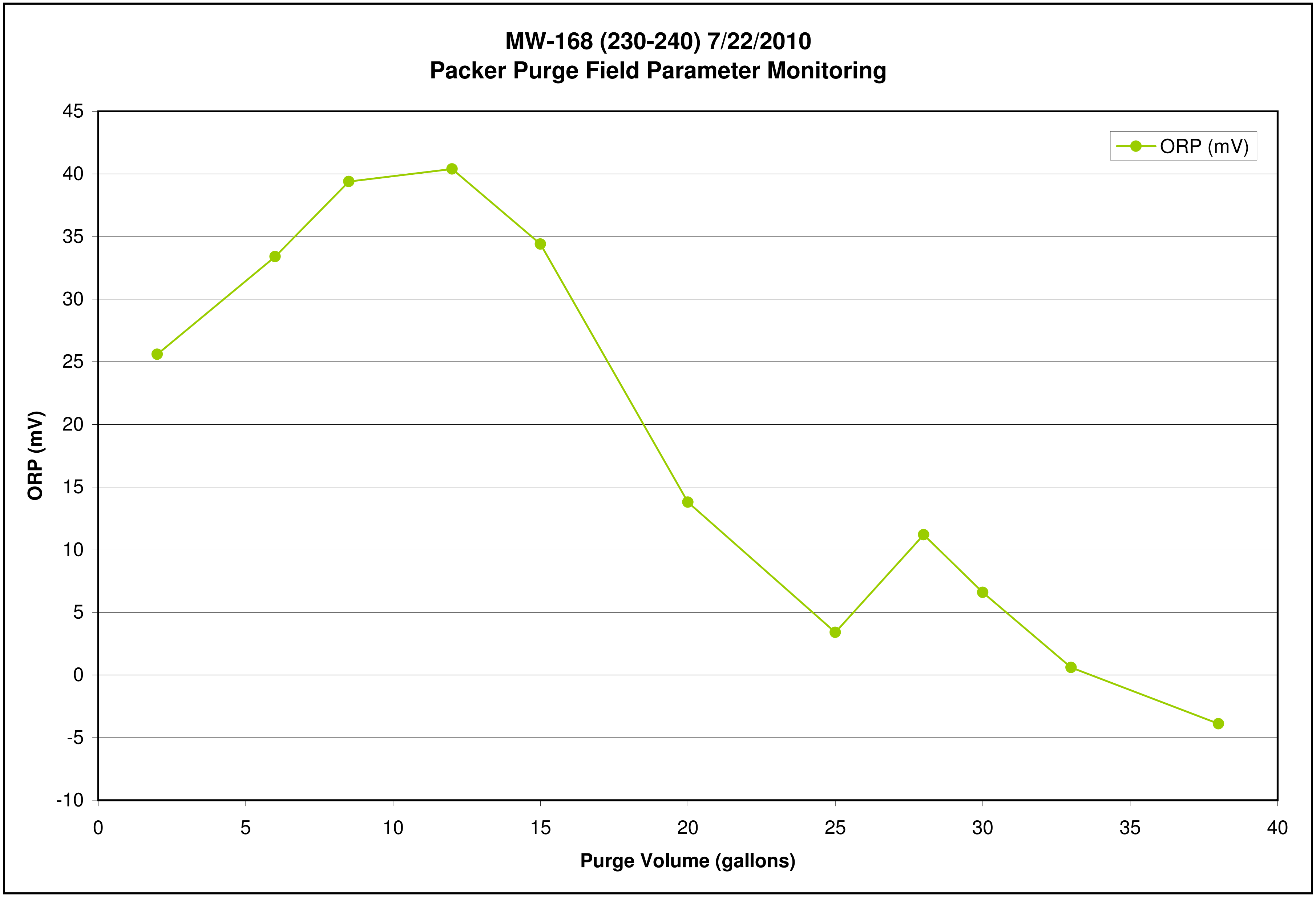
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



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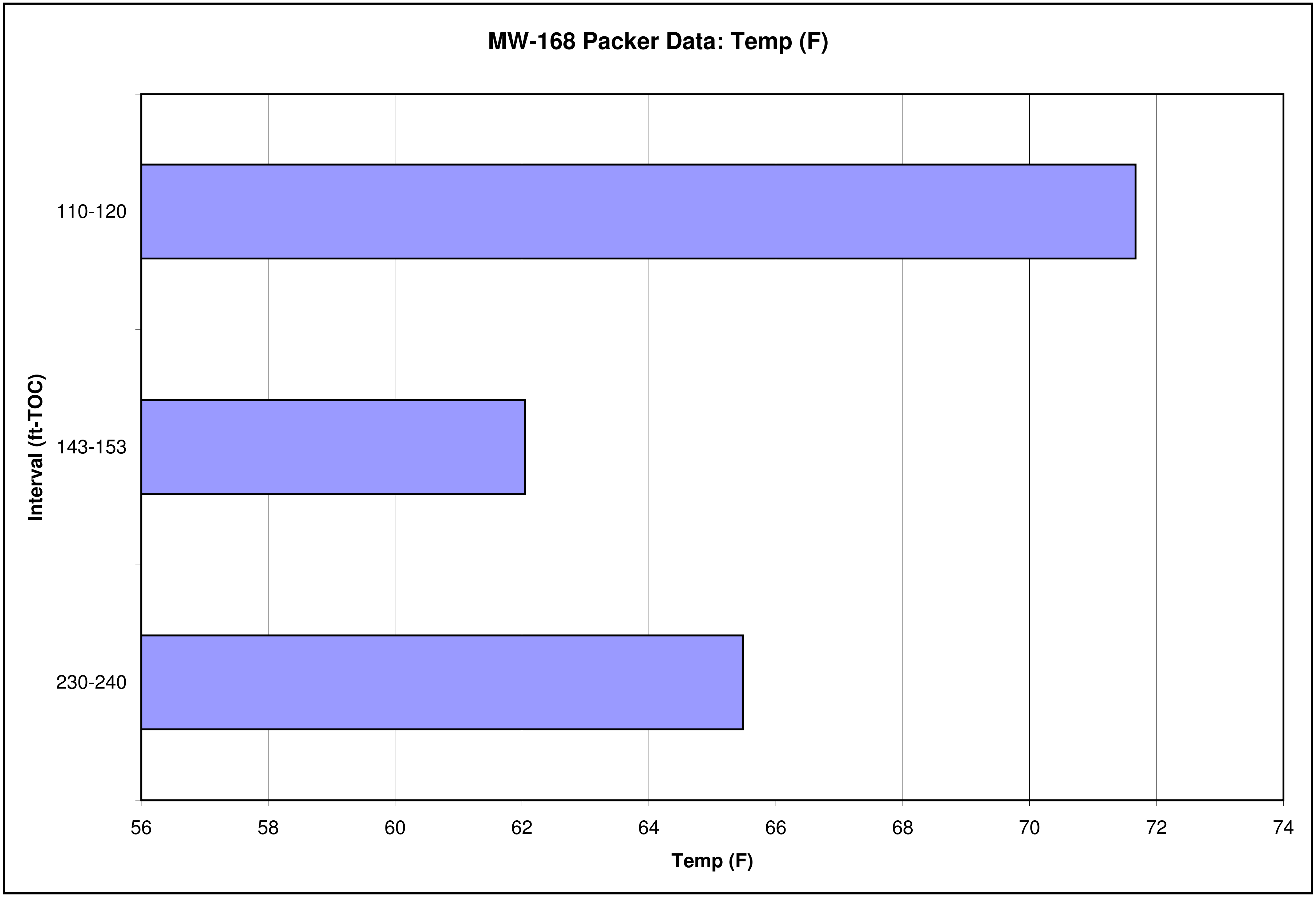
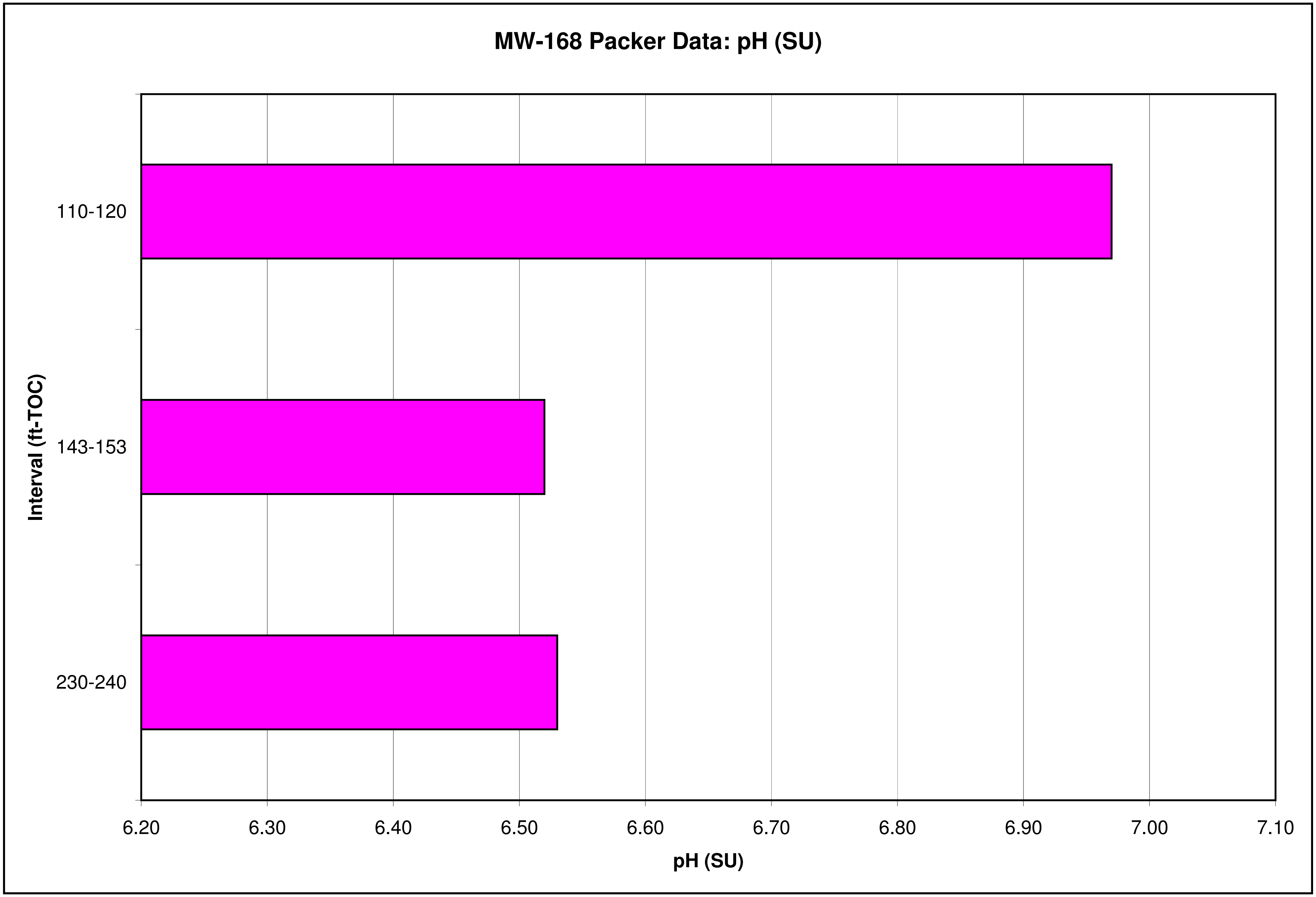
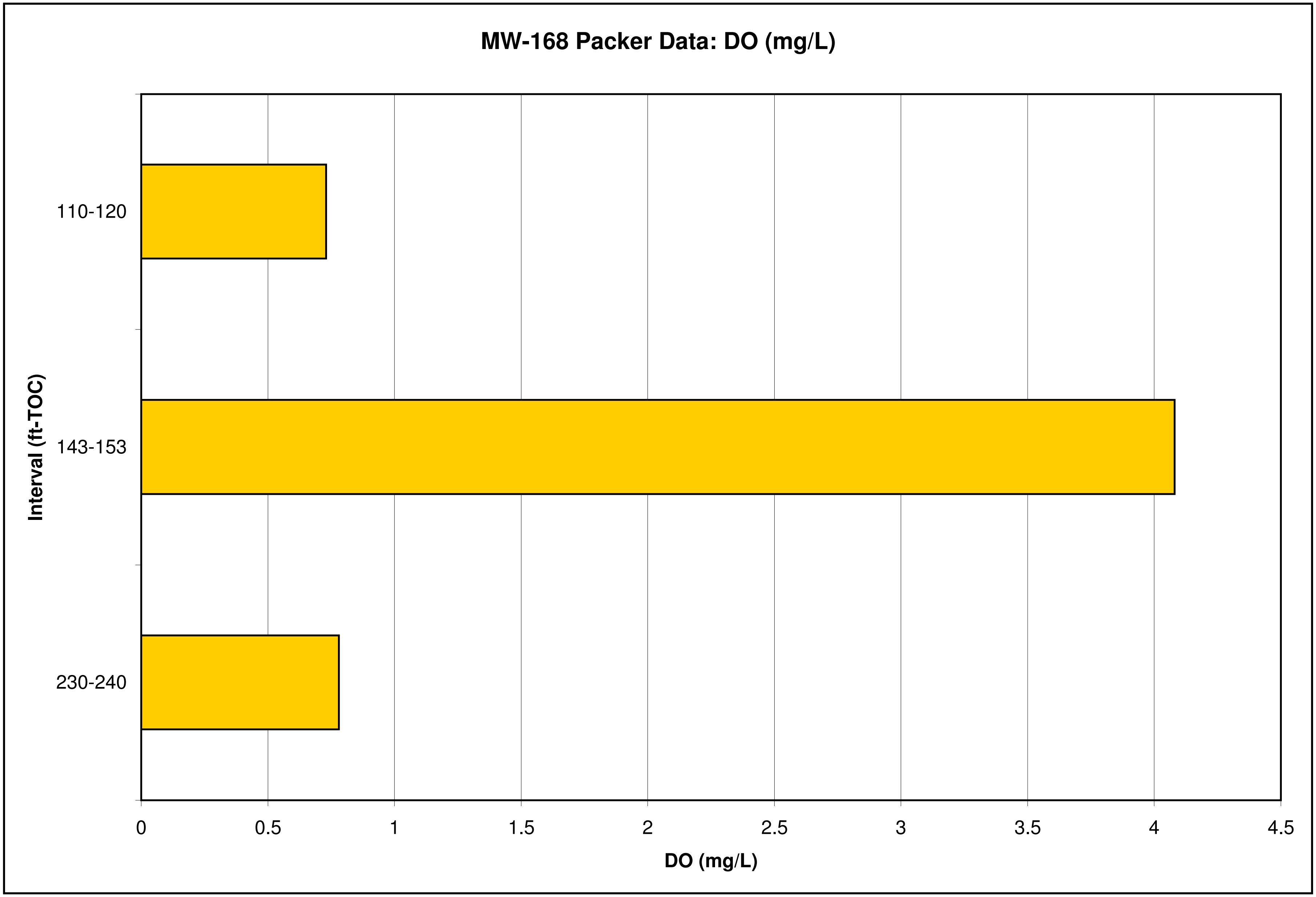
Hanover, Maryland



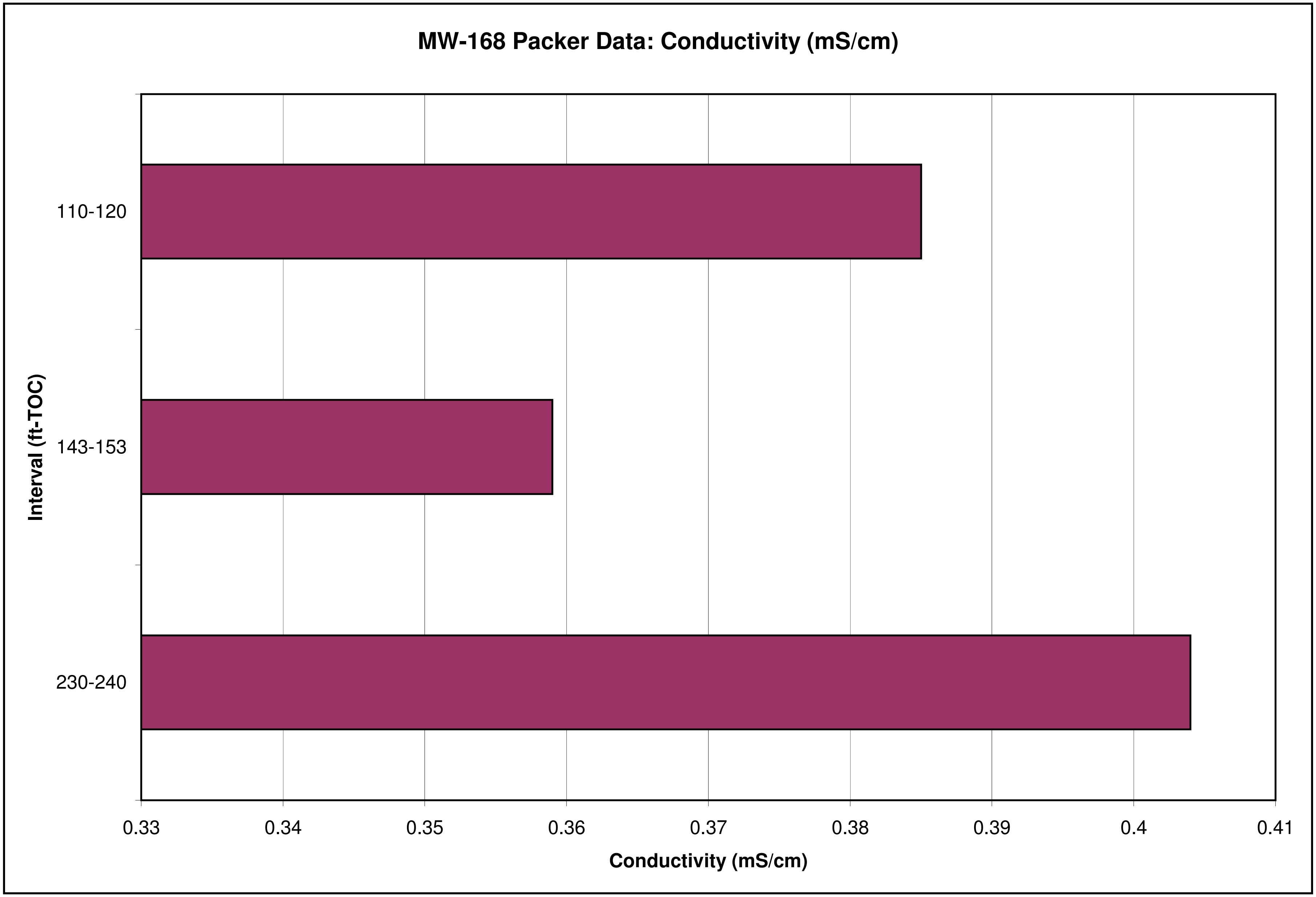
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



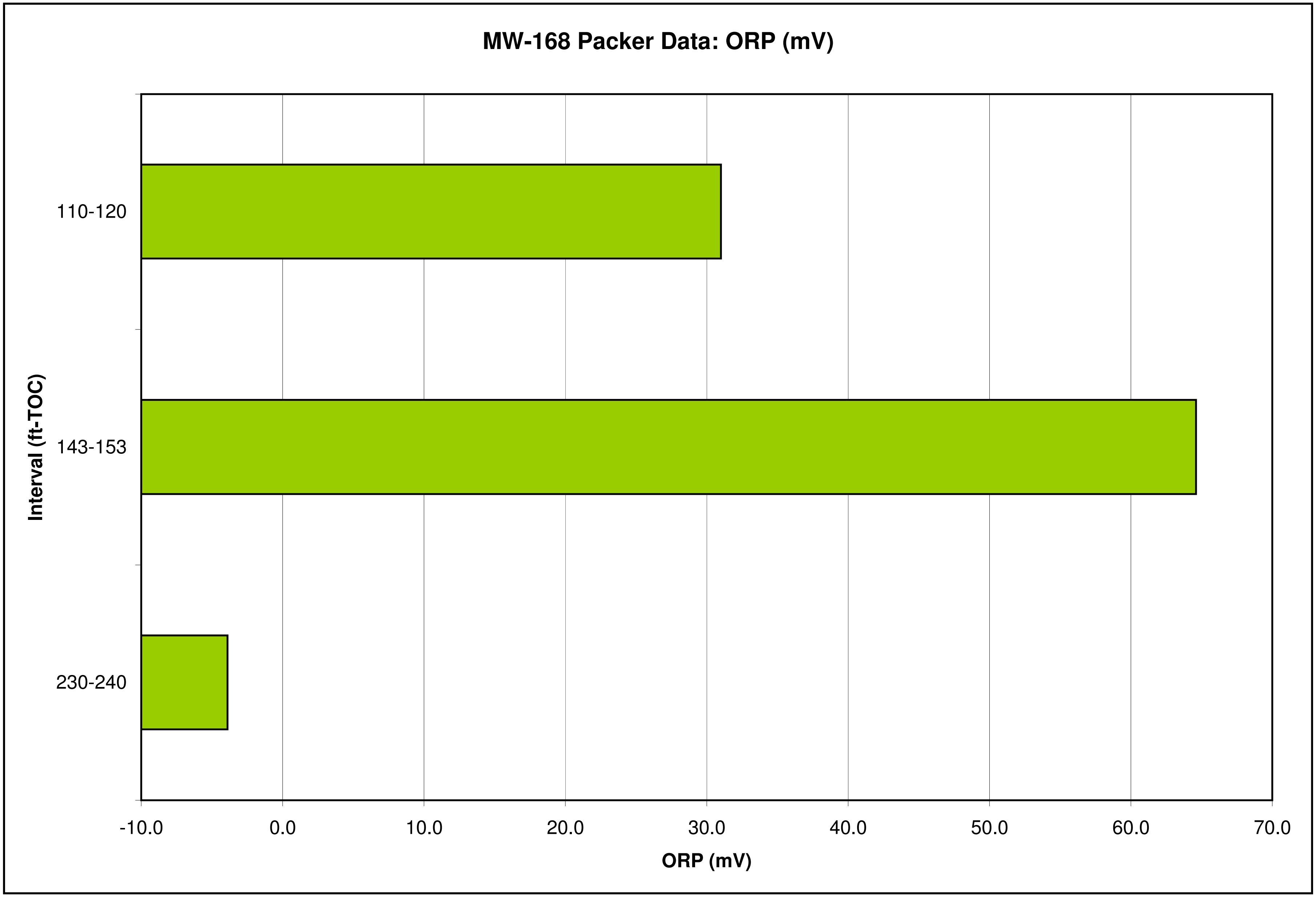
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



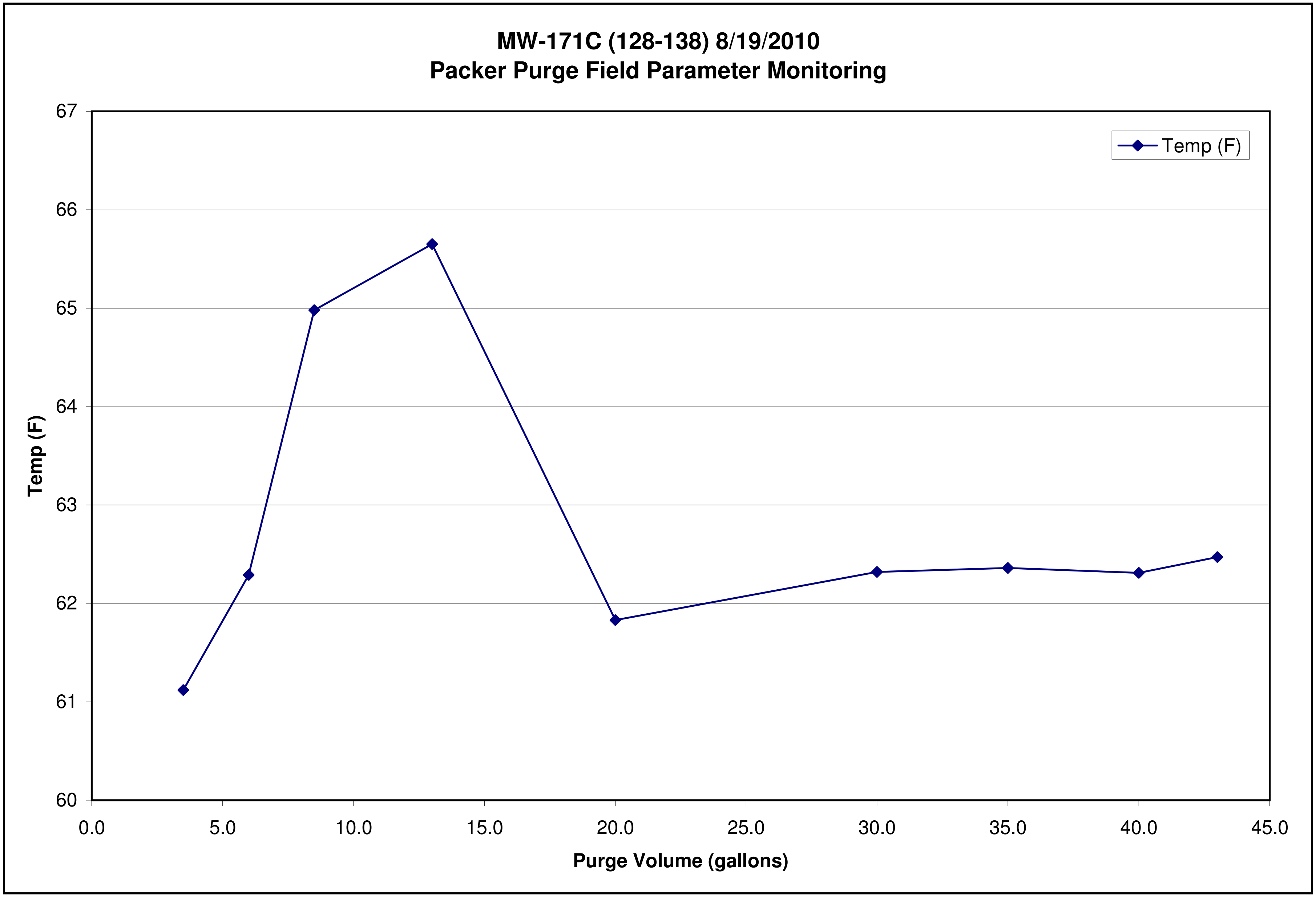
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-171C
128-138
8/19/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1032	1.0	3.5	61.12	8.68	1.91	0.866	99.6
1035	1	6	62.29	8.40	3.68	0.417	90.9
1040	1.25	8.5	64.98	8.22	4.87	0.381	85.3
1045	1	13	65.65	8.14	1.01	0.378	39.6
1050	1.25	20	61.83	7.88	1.56	0.353	-44.2
1055	1.25	30	62.32	7.80	1.61	0.349	-81.9
1100	1	35	62.36	7.79	1.44	0.350	-94.9
1103	1.25	40	62.31	7.80	2.82	0.350	-100.7
1105	-	43	62.47	7.81	2.84	0.358	-90.4

Notes:
- Calculated target purge volume = 46.95 gallons
- Packer interval purged dry at 43 gallons
- Samples collected after 43 gallons purged

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



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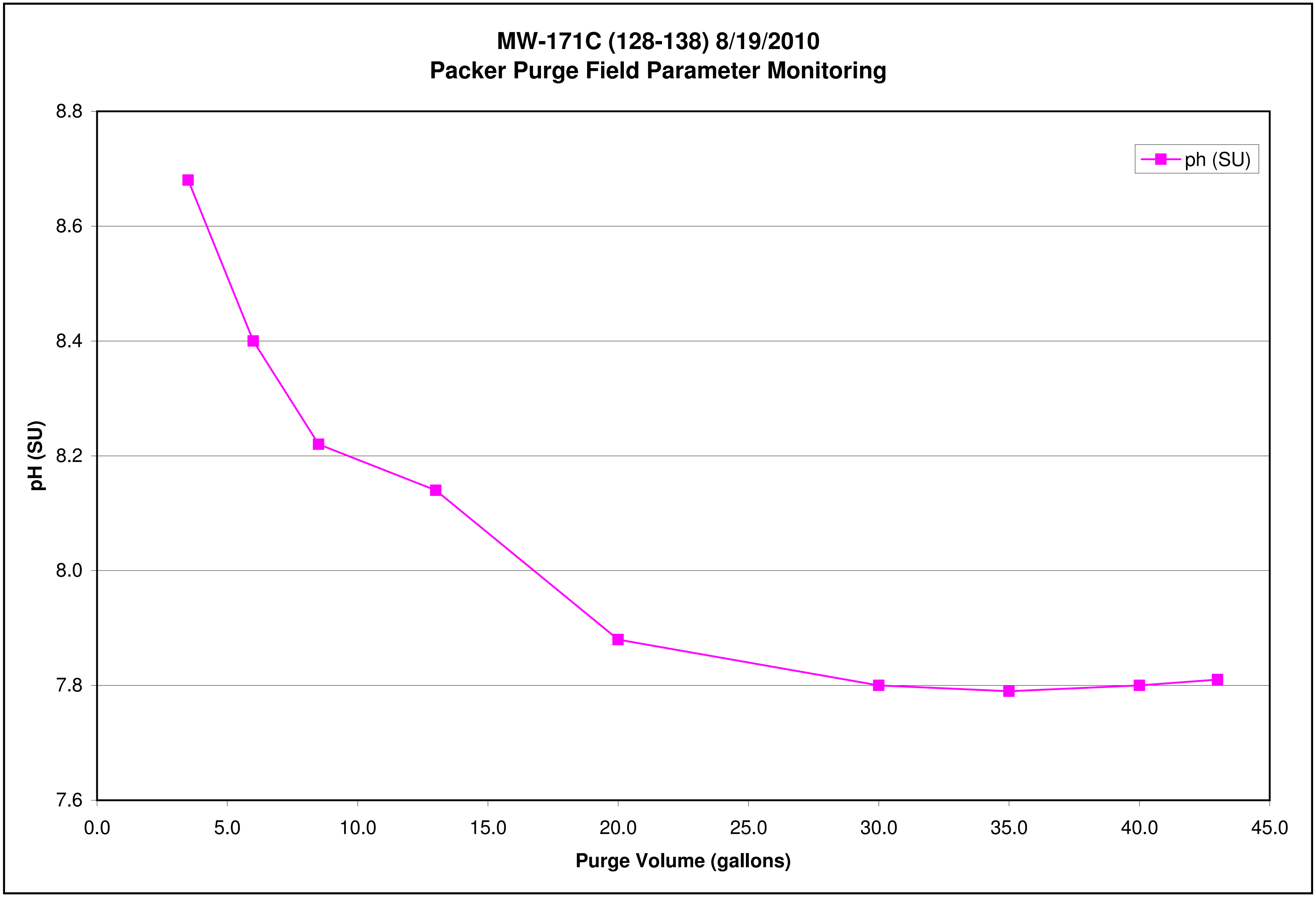
Hanover, Maryland



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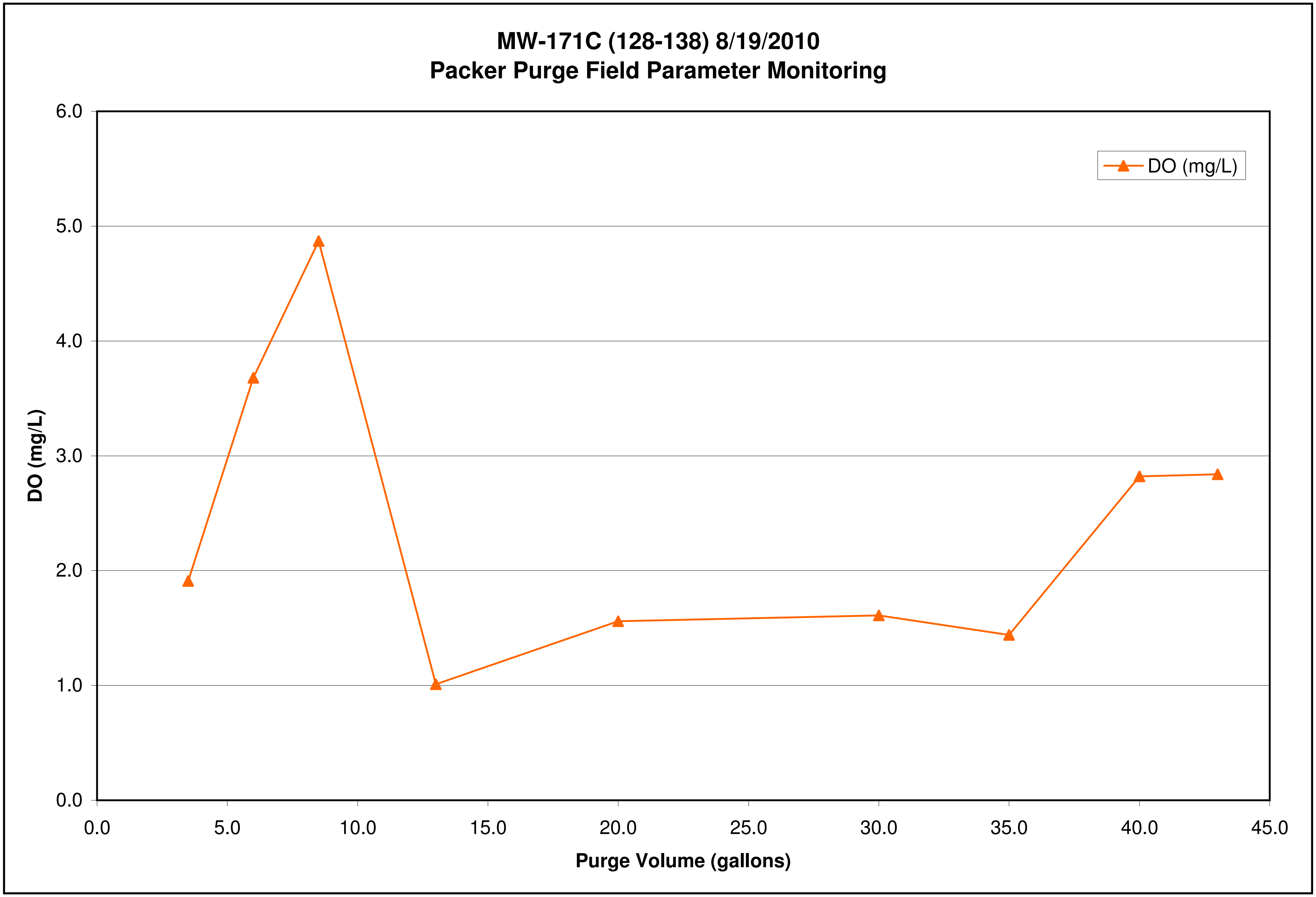

Kleinfelder
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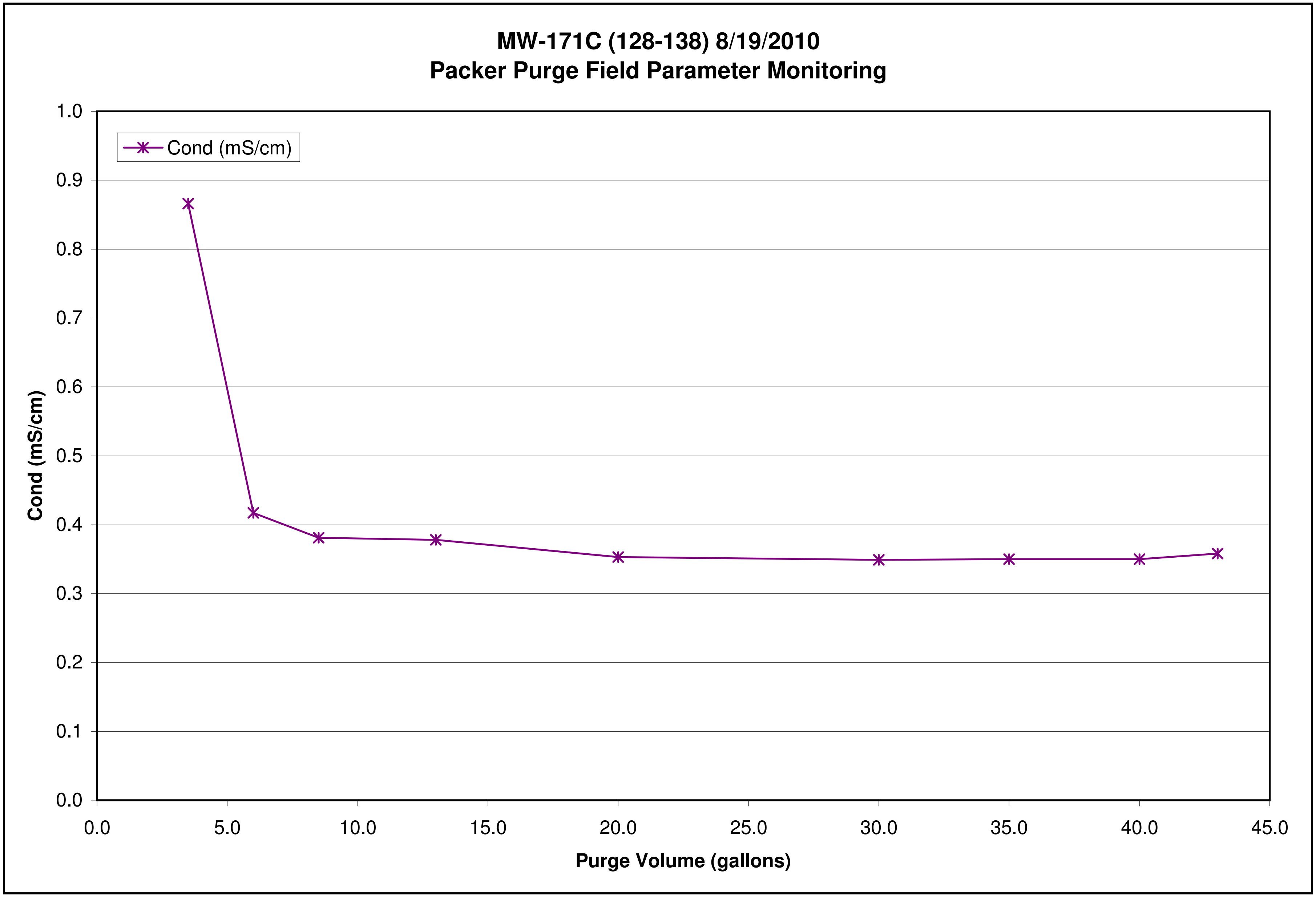
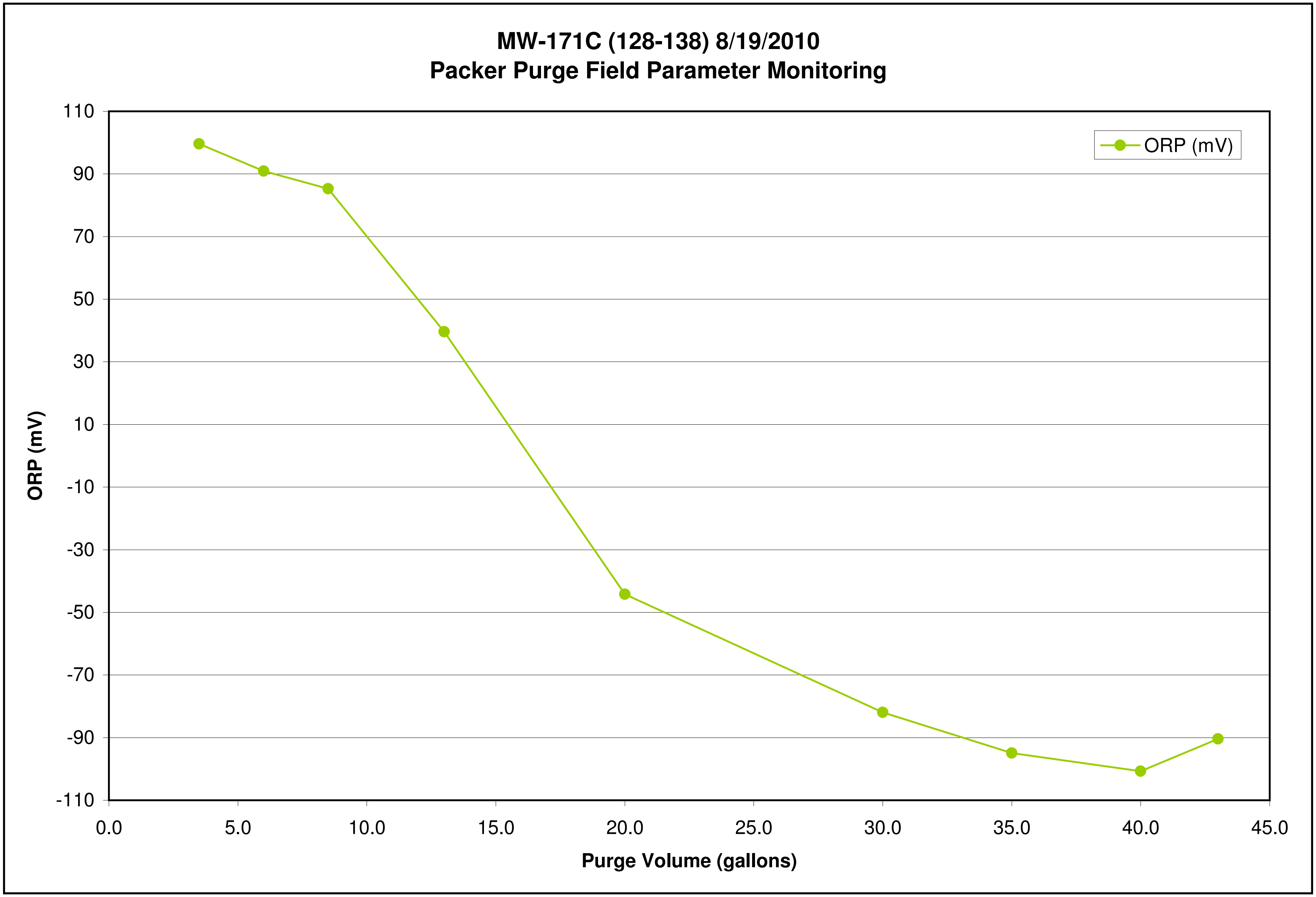
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



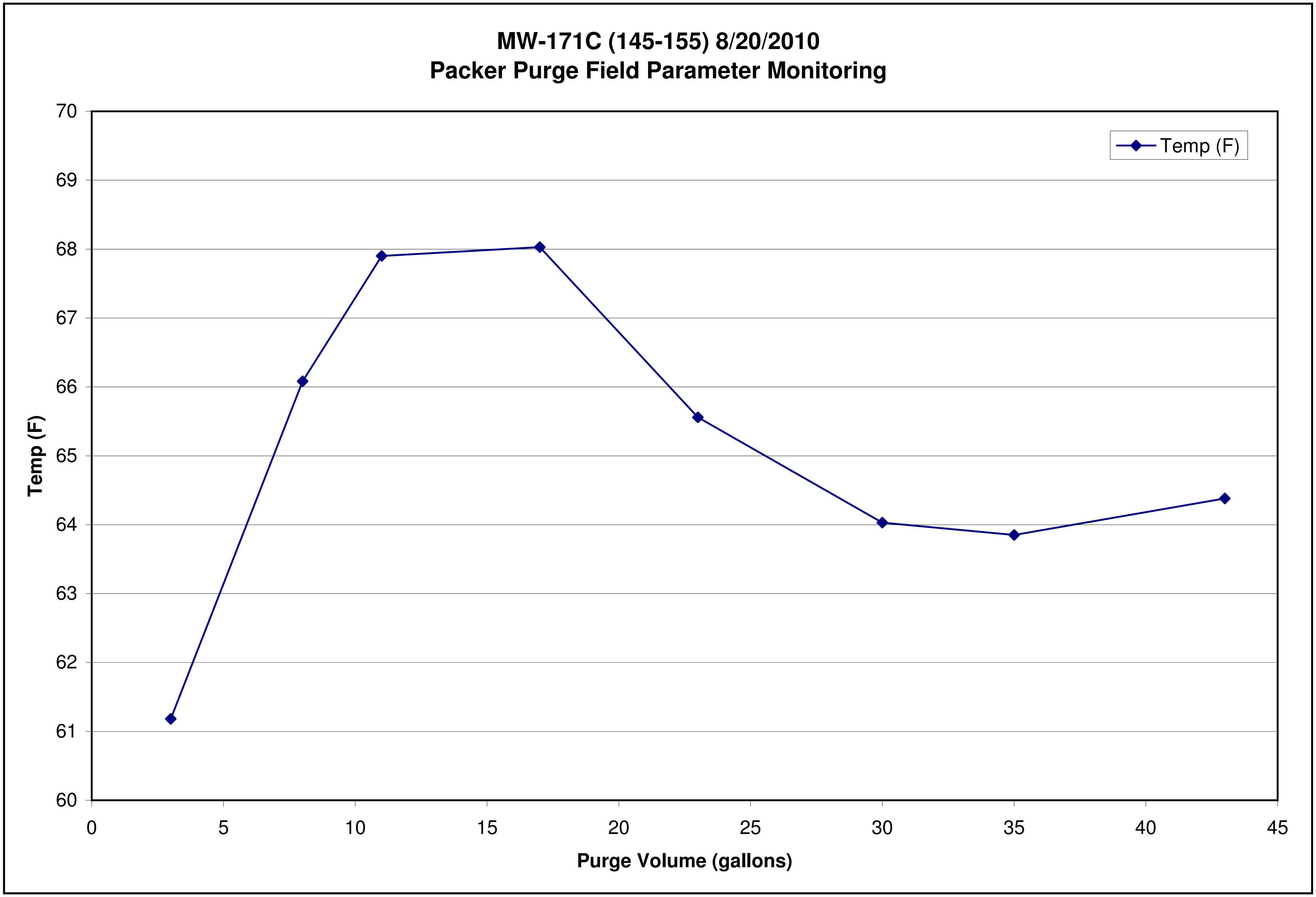
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-171C
145-155
8/20/2010

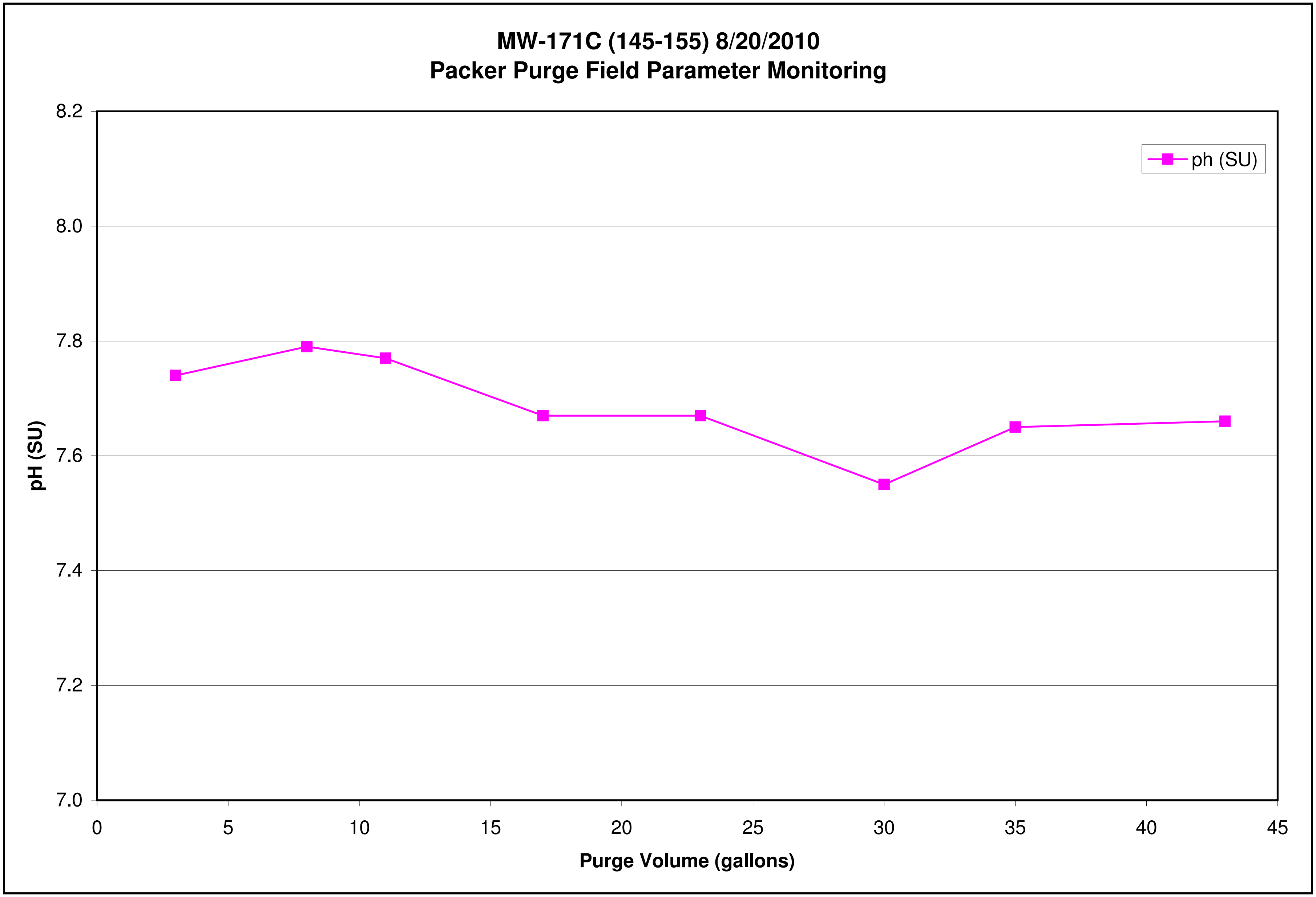
Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1230	1	3	61.18	7.74	5.25	0.332	57.20
1235	1	8	66.08	7.79	1.29	0.339	56.2
1240	0.66	11	67.90	7.77	2.22	0.363	32.9
1245	1.25	17	68.03	7.67	2.19	0.365	-24.2
1250	1	23	65.56	7.67	2.89	0.352	-43.9
1255	1	30	64.03	7.55	1.95	0.349	-57.0
1300	1	35	63.85	7.65	3.12	0.347	-57.0
1305	1.5	43	64.38	7.66	4.26	0.350	-67.0

Notes:
- Calculated target purge volume = 47.5 gallons
- Packer interval purged dry at 46 gallons
- Samples collected after 46 gallons purged

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

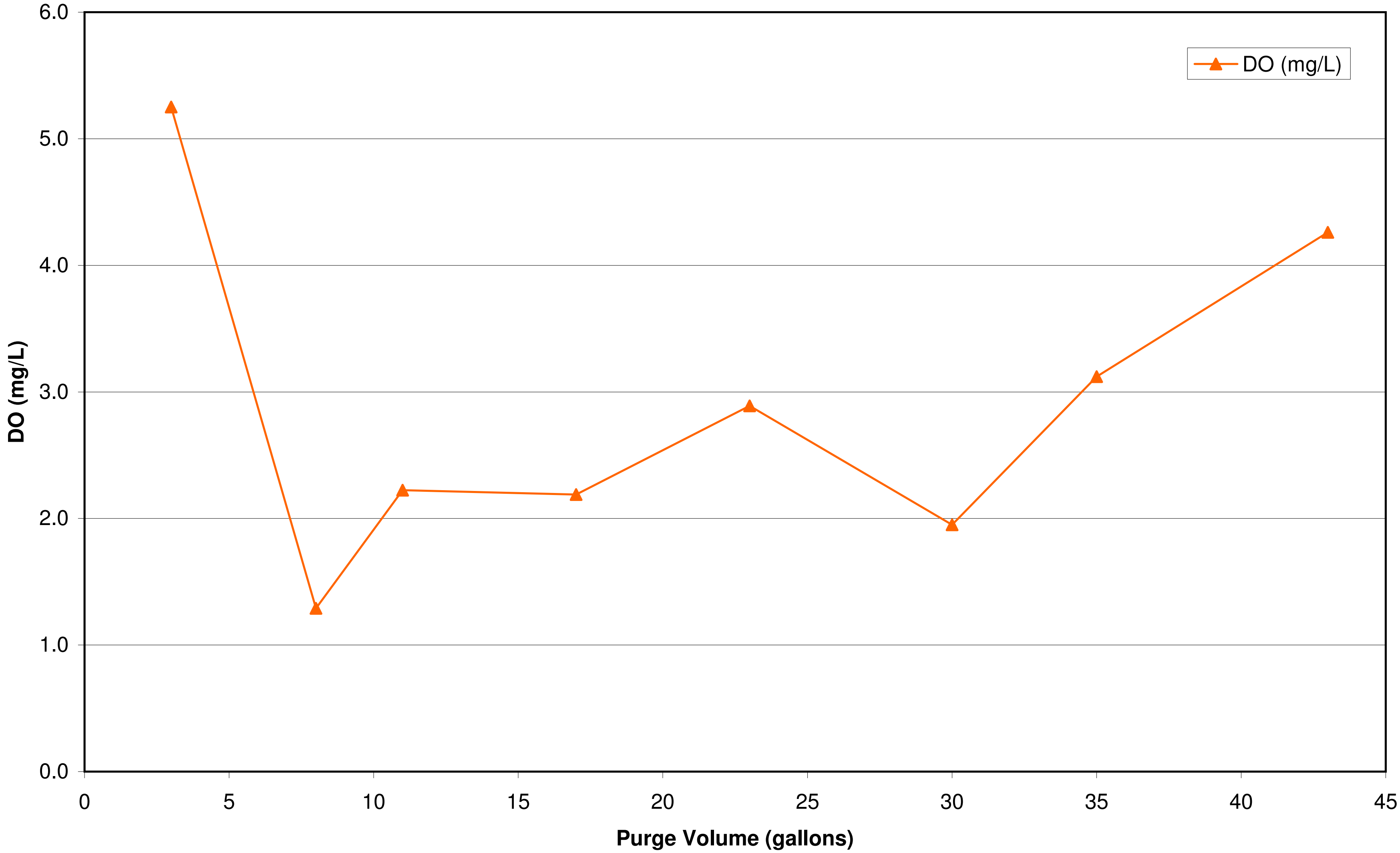


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



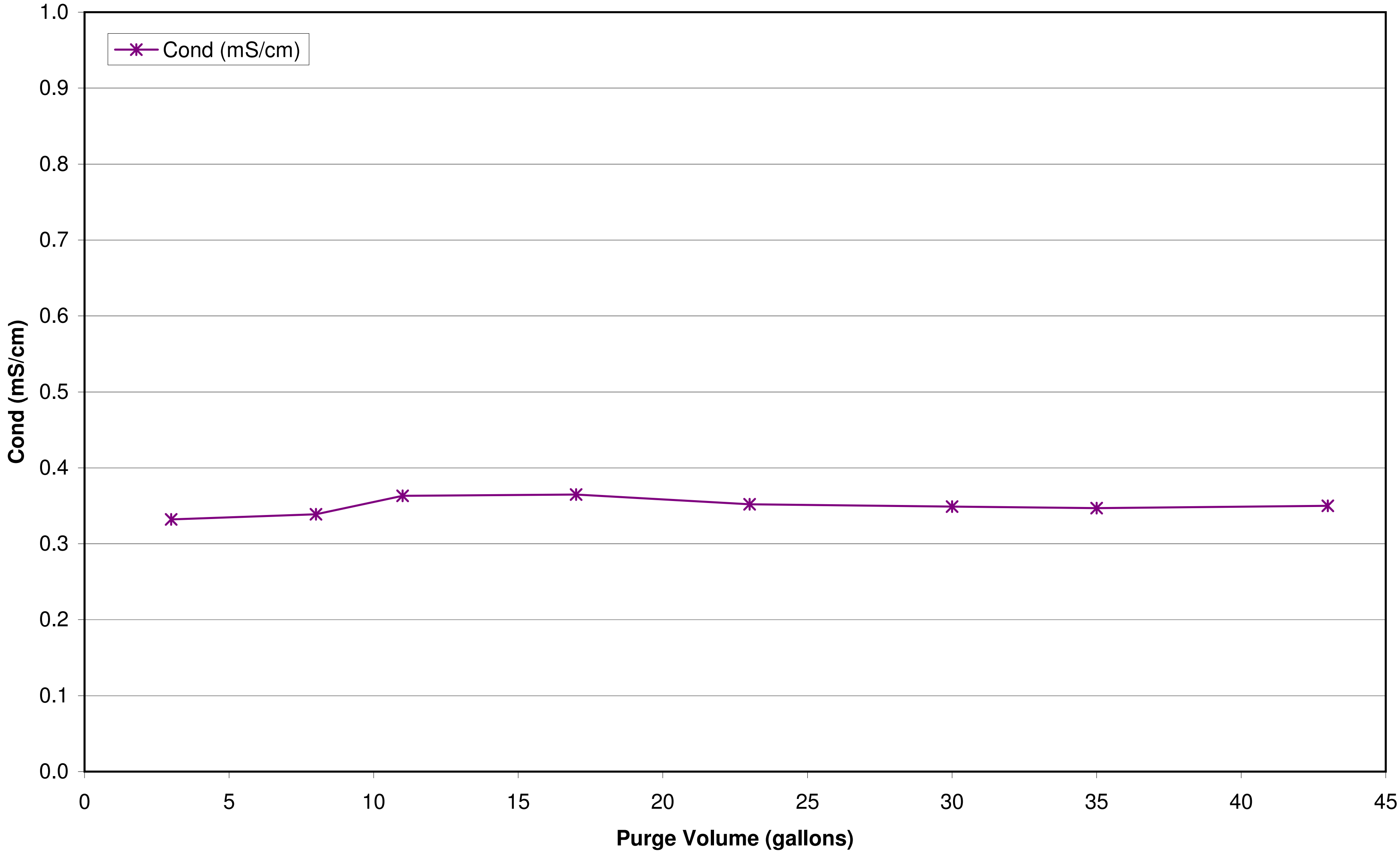
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-171C (145-155) 8/20/2010
Packer Purge Field Parameter Monitoring



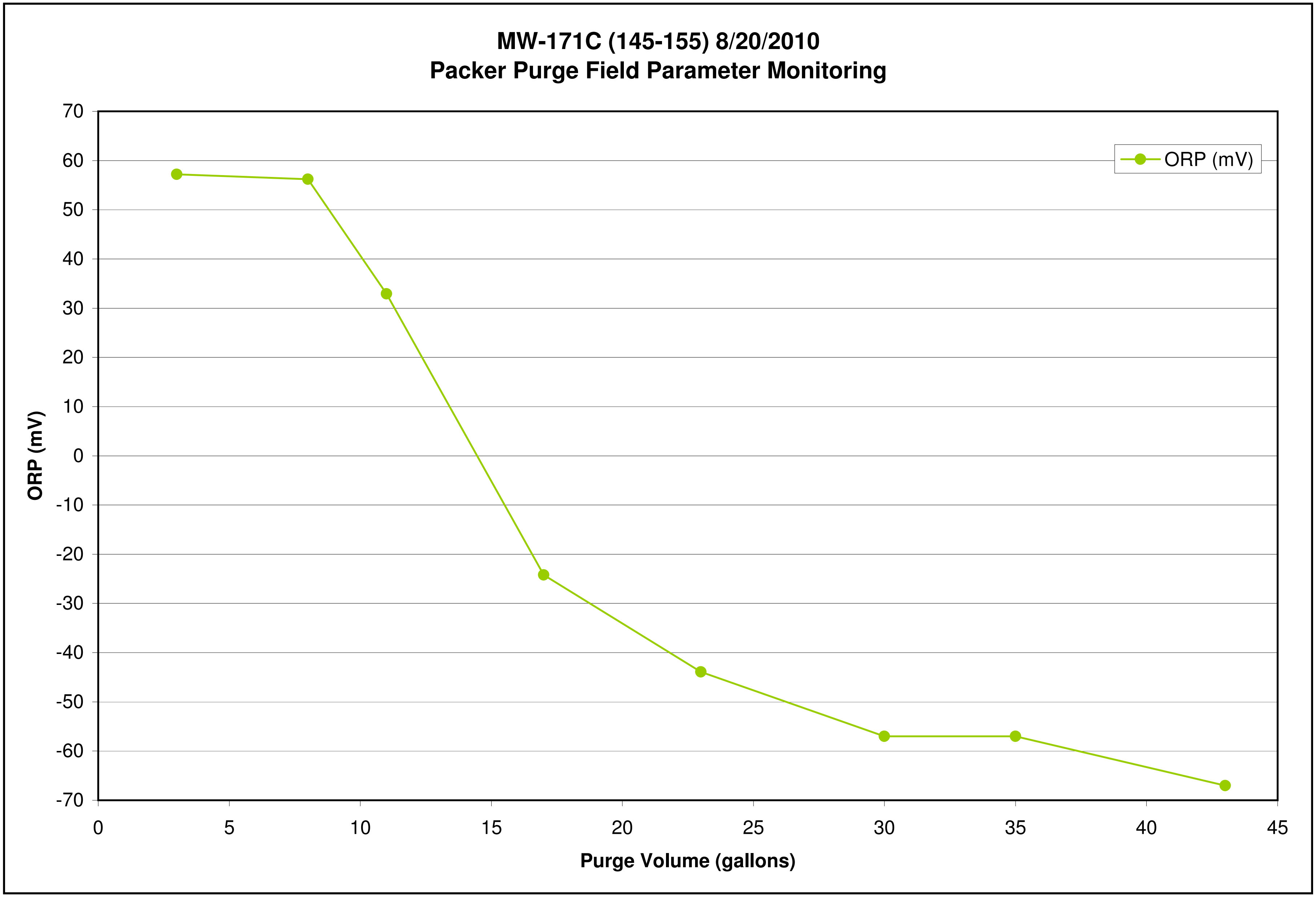
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-171C (145-155) 8/20/2010
Packer Purge Field Parameter Monitoring



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

KLEINFELDER
Bright People. Right Solutions.

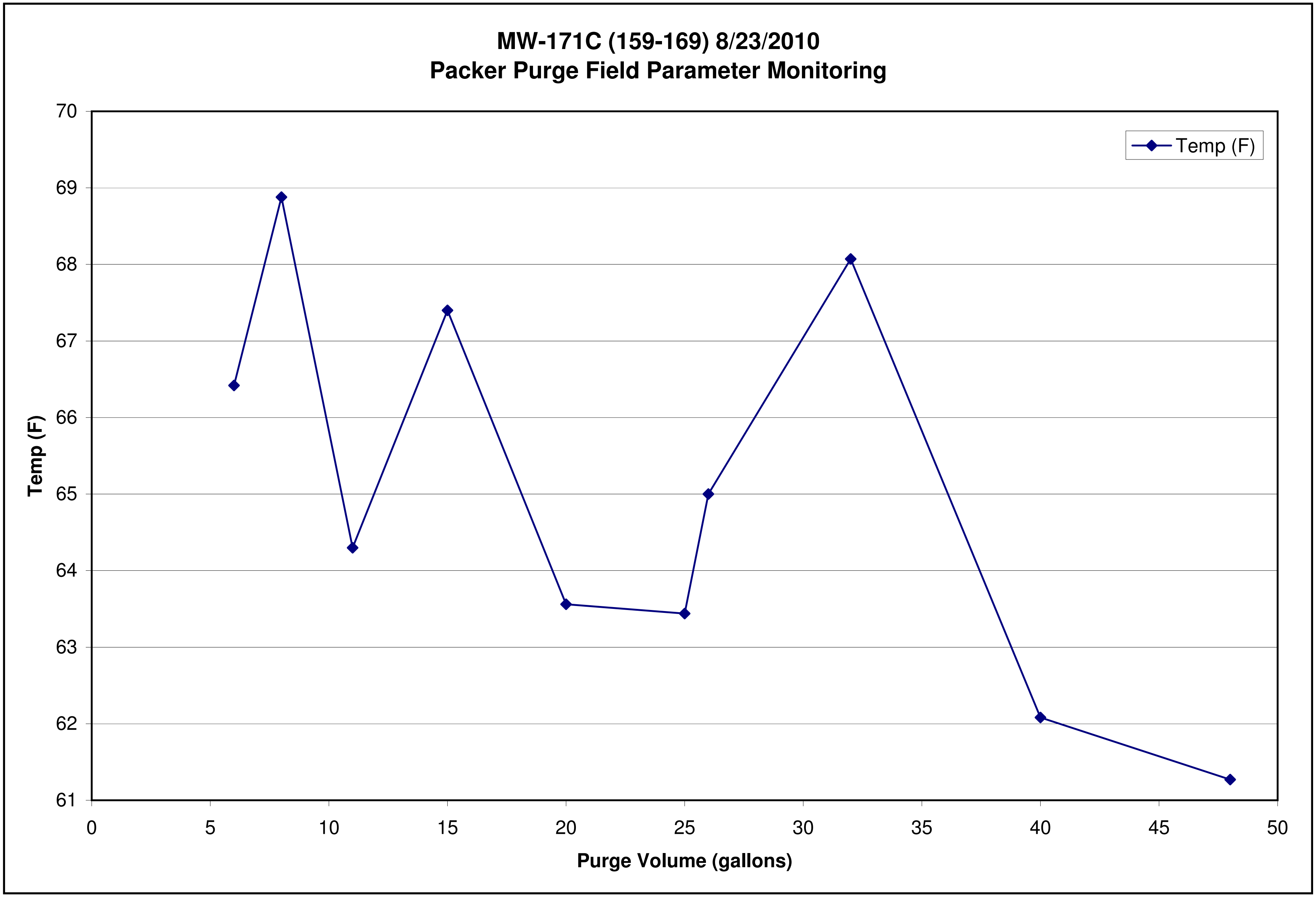


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

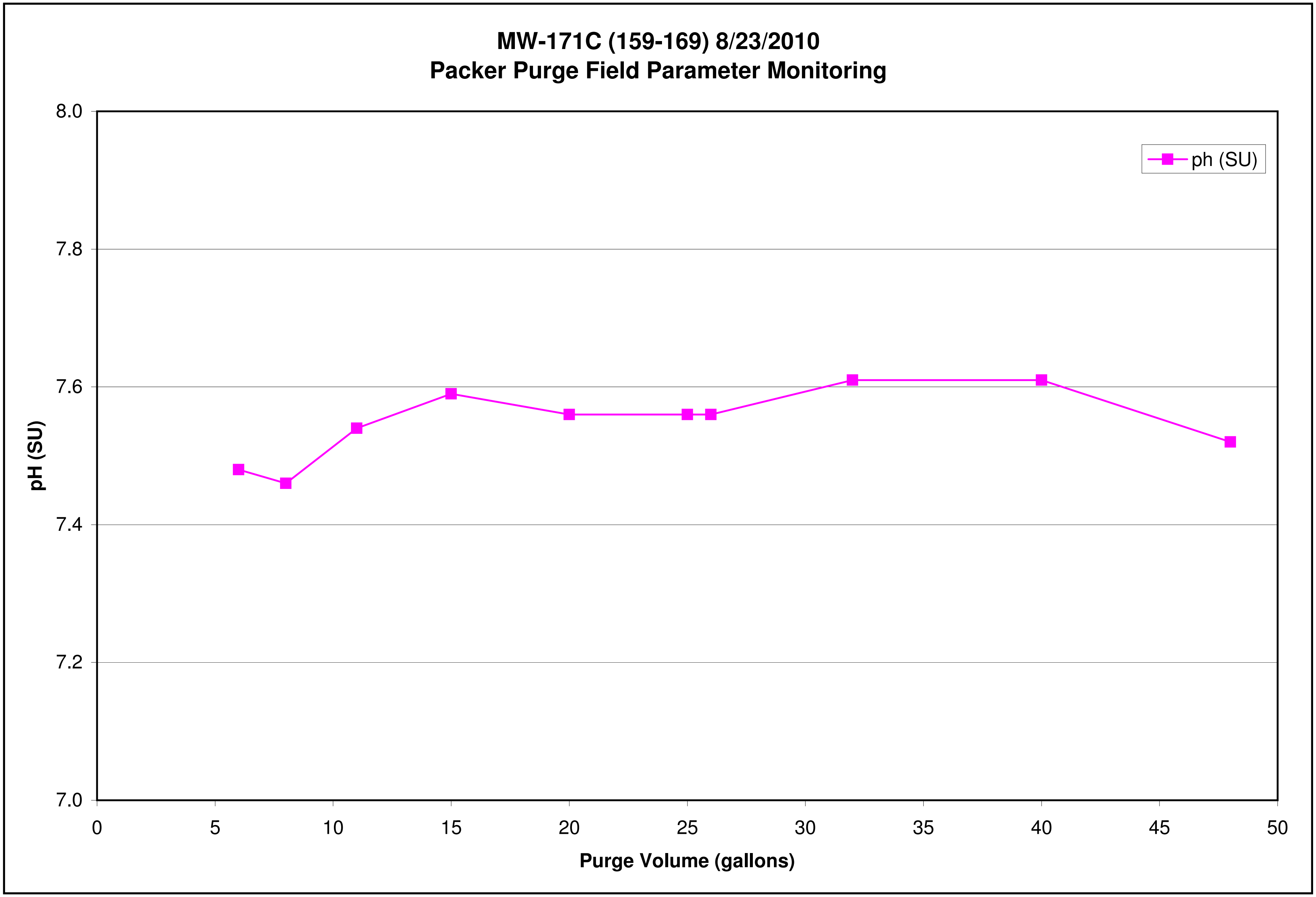
MW-171C
159-169
8/23/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1300	1.5	6	66.42	7.48	31.33	0.331	55.3
1305	1.5	8	68.88	7.46	15.59	0.340	65.1
1310	0.75	11	64.30	7.54	6.72	0.324	57.5
1315	0.75	15	67.40	7.59	12.90	0.334	47.2
1320	1	20	63.56	7.56	6.93	0.314	-2.4
1325	1	25	63.44	7.56	7.35	0.319	-30.8
1330	0.75	26	65.00	7.56	4.23	0.326	-34.8
1335	0.5	32	68.07	7.61	4.51	0.337	-45.5
1340	1.5	40	62.08	7.61	3.75	0.312	-65.9
1345	1	48	61.27	7.52	3.75	0.309	-66.3

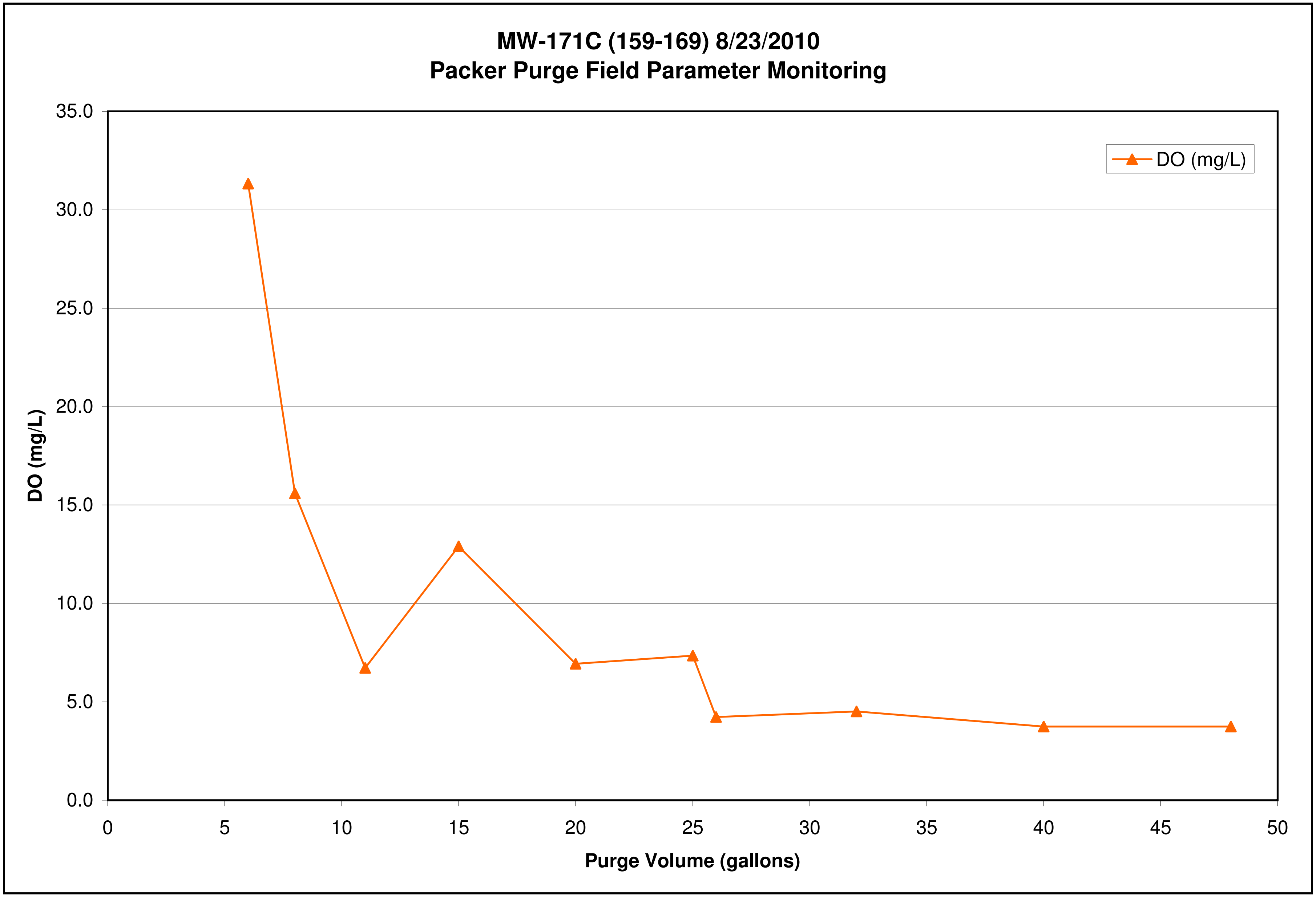
Notes:
- Calculated target purge volume = 49.7 gallons
- Packer interval purged dry at 48 gallons
- Samples collected after 48 gallons purged



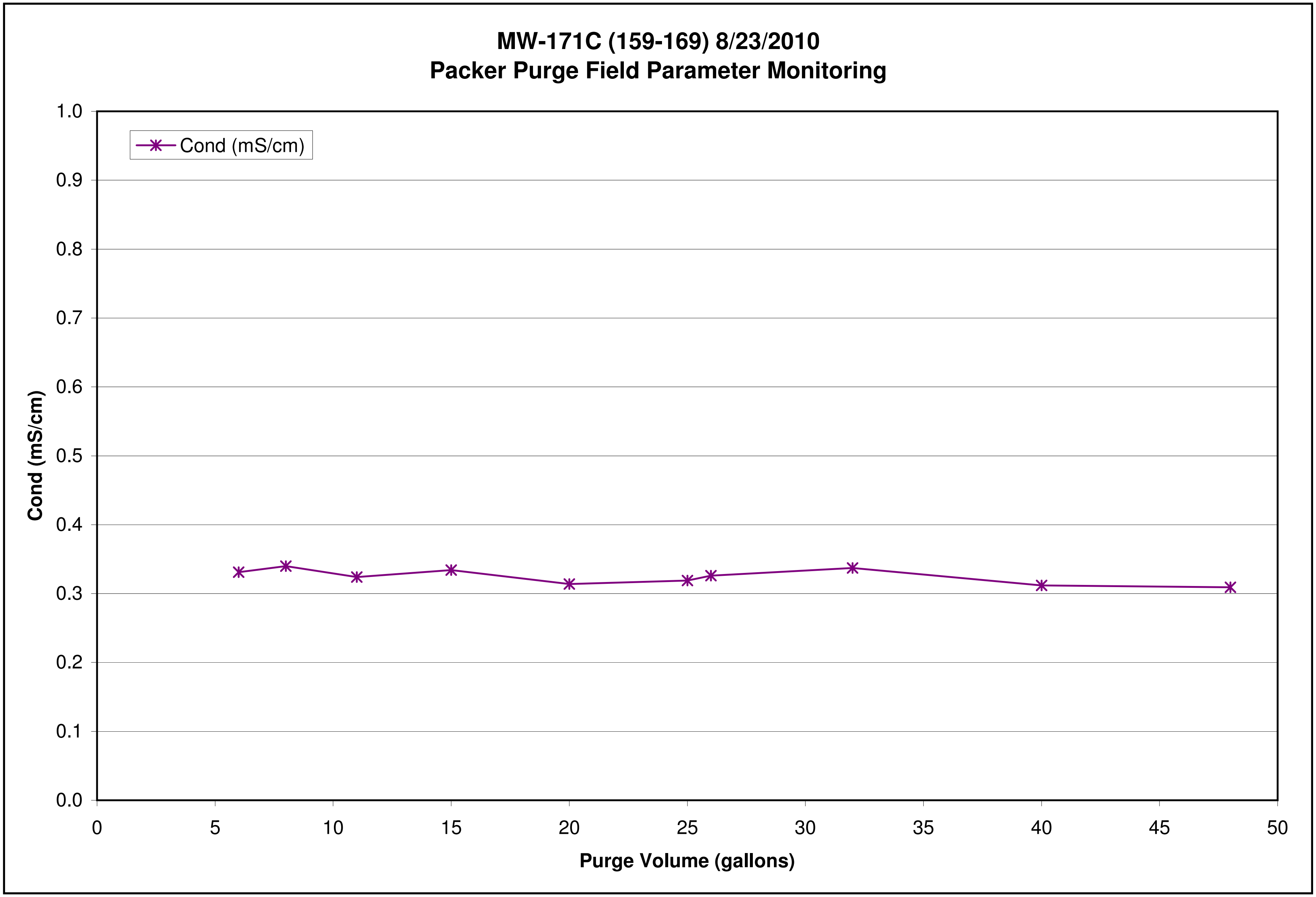
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



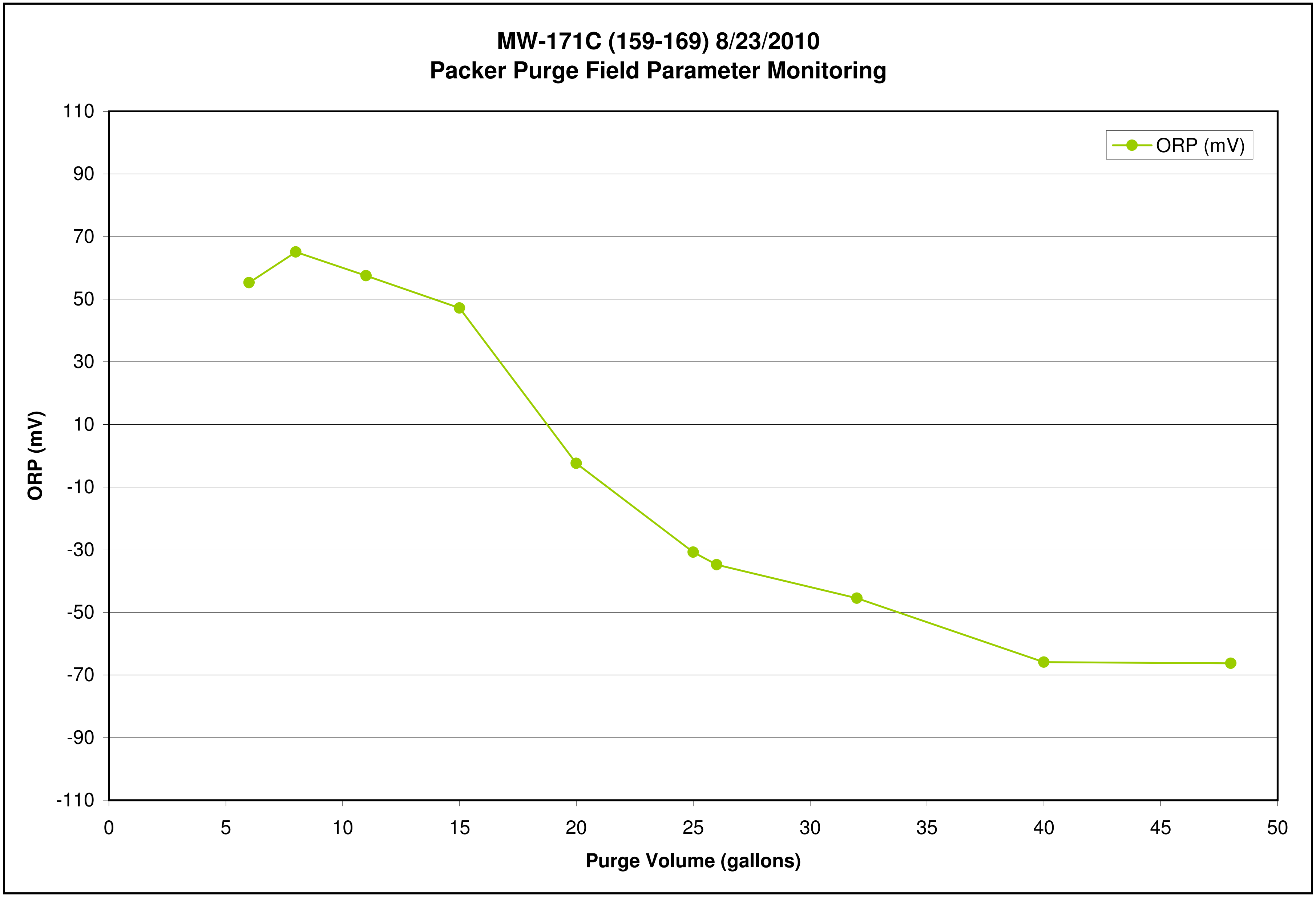
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

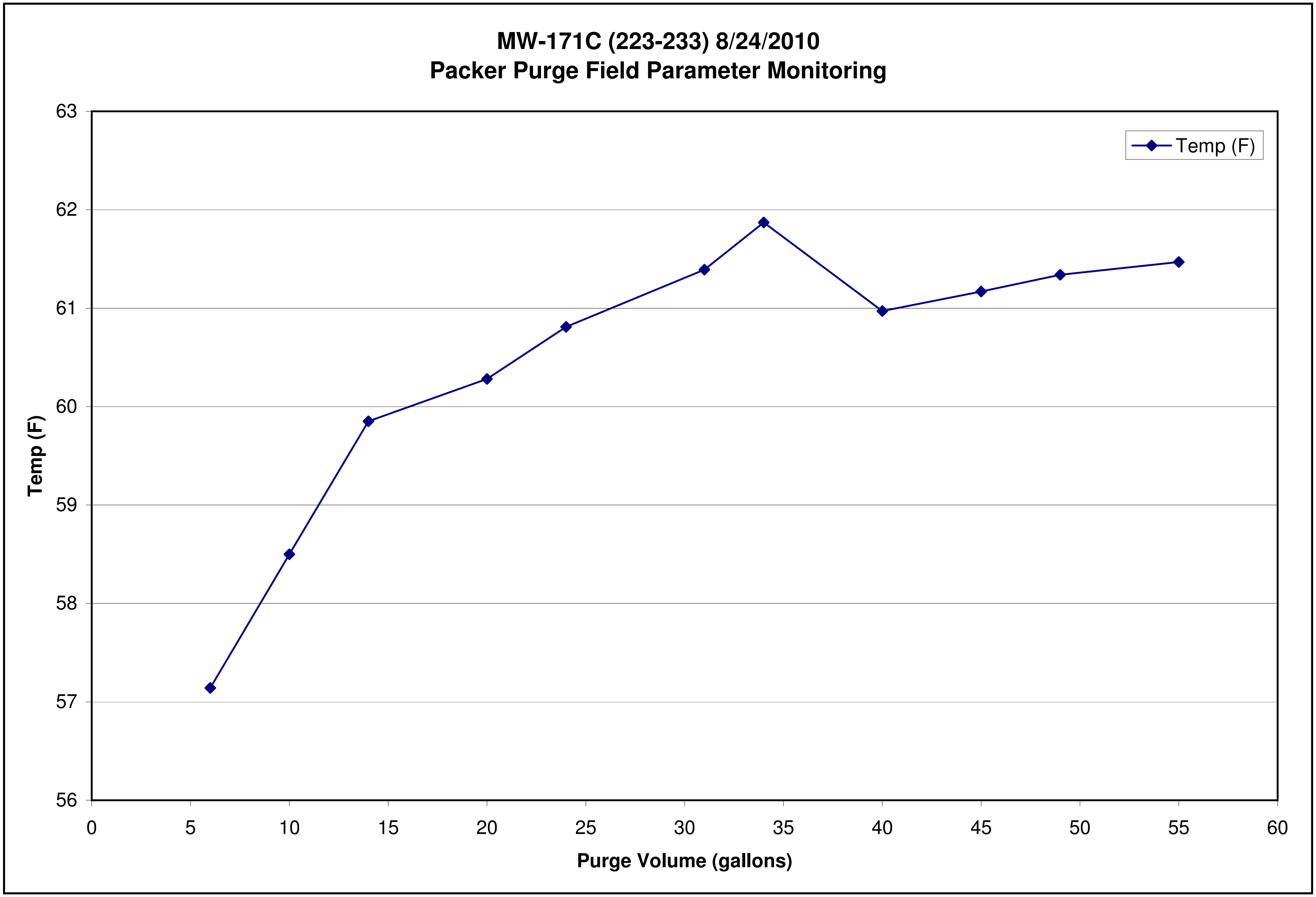


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

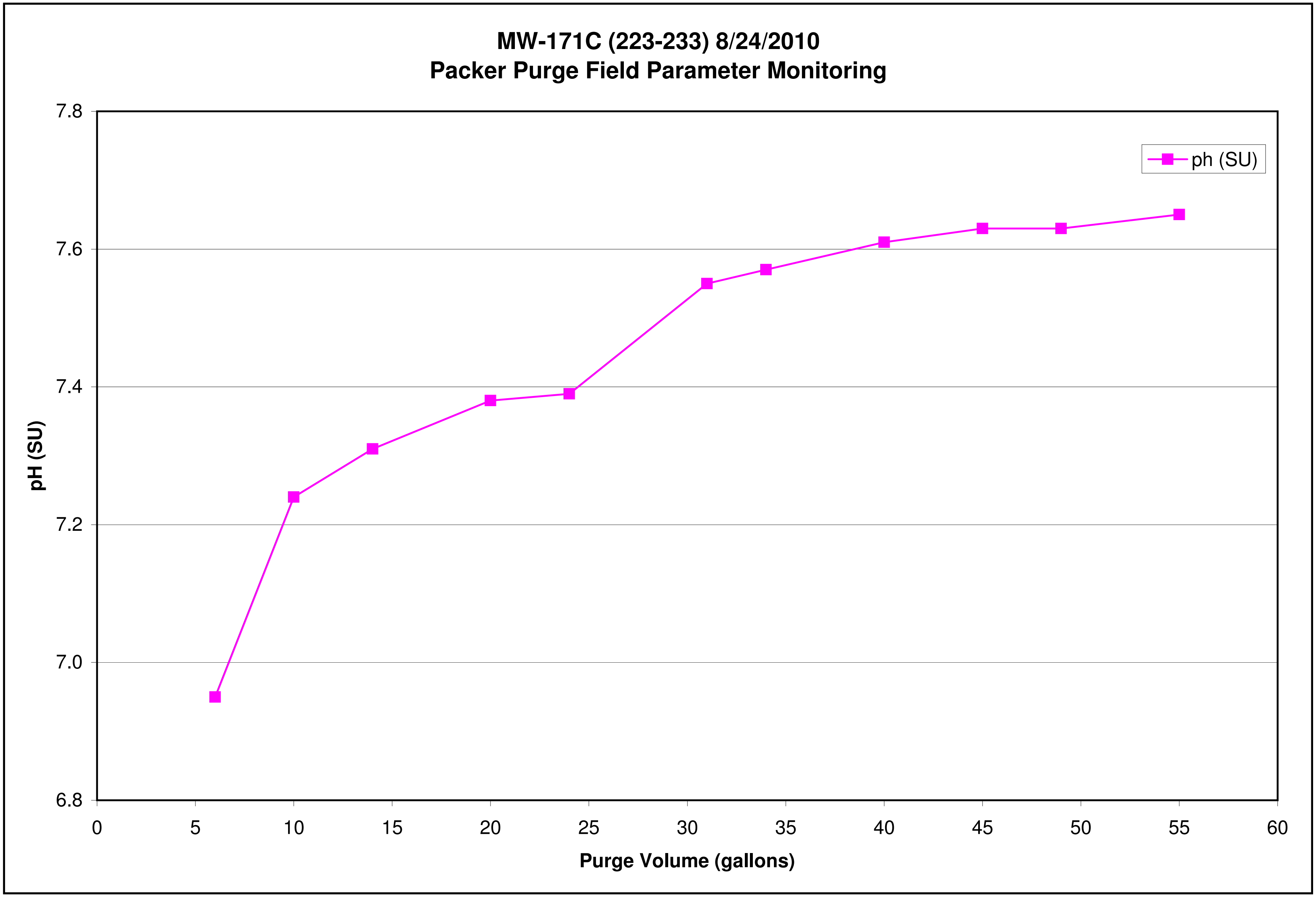
MW-171C
223-233
8/24/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1340	1.25	6	57.14	6.95	4.84	0.326	-68.7
1345	0.75	10	58.50	7.24	4.39	0.331	-80.3
1350	1	14	59.85	7.31	26.81	0.335	-75.8
1355	1	20	60.28	7.38	14.64	0.336	-80.3
1400	0.75	24	60.81	7.39	18.35	0.338	-89.6
1408	0.75	31	61.39	7.55	41.70	0.342	-138.1
1410	0.66	34	61.87	7.57	28.21	0.344	-144.1
1415	1	40	60.97	7.61	17.28	0.340	-137.8
1420	1	45	61.17	7.63	14.14	0.341	-130.9
1425	1	49	61.34	7.63	12.60	0.341	-130.6
1430	1	55	61.47	7.65	12.30	0.342	-137.0

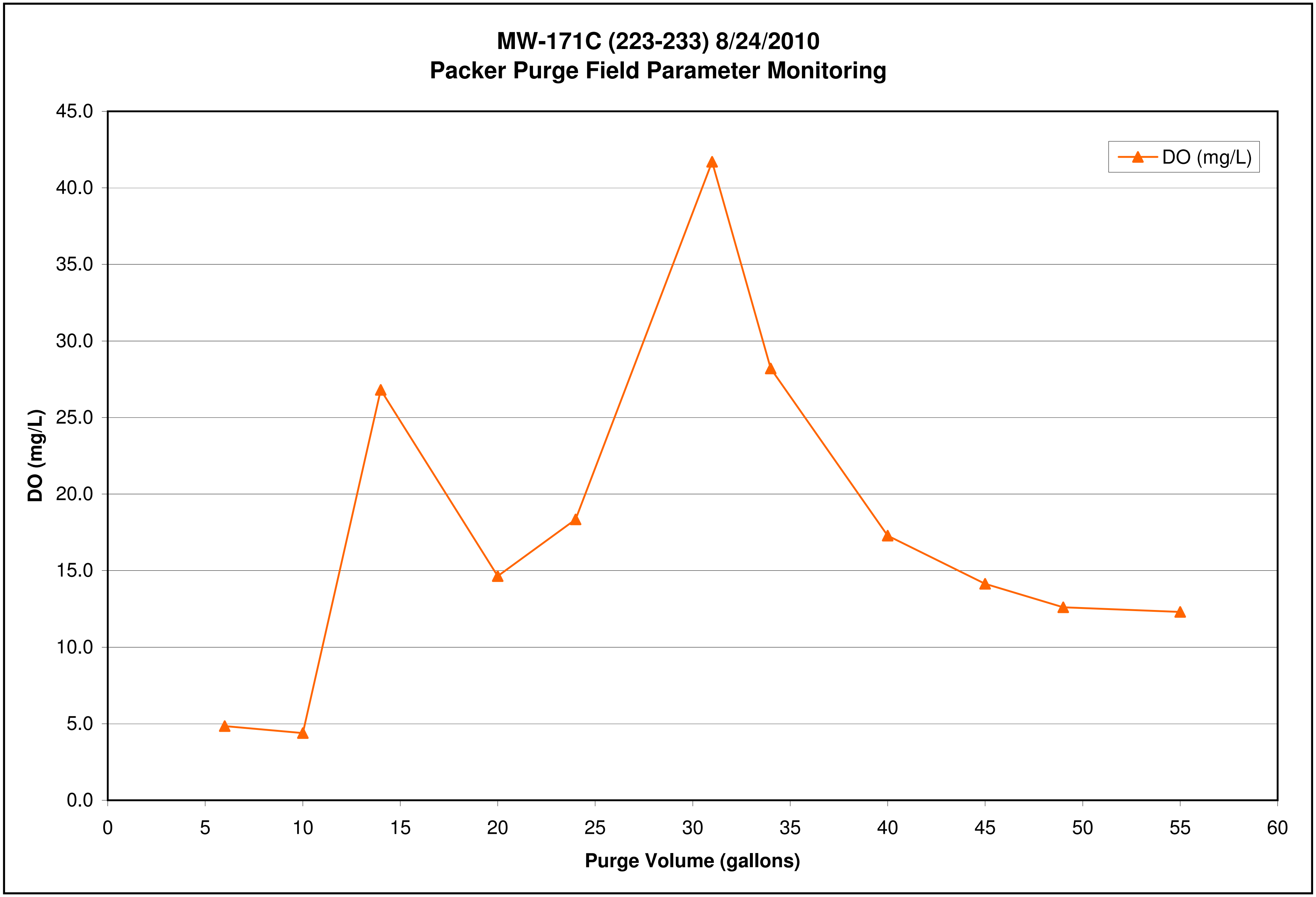
Notes:
- Calculated target purge volume = 59.88 gallons
- Packer interval purged dry at 59 gallons
- Samples collected after 59 gallons purged



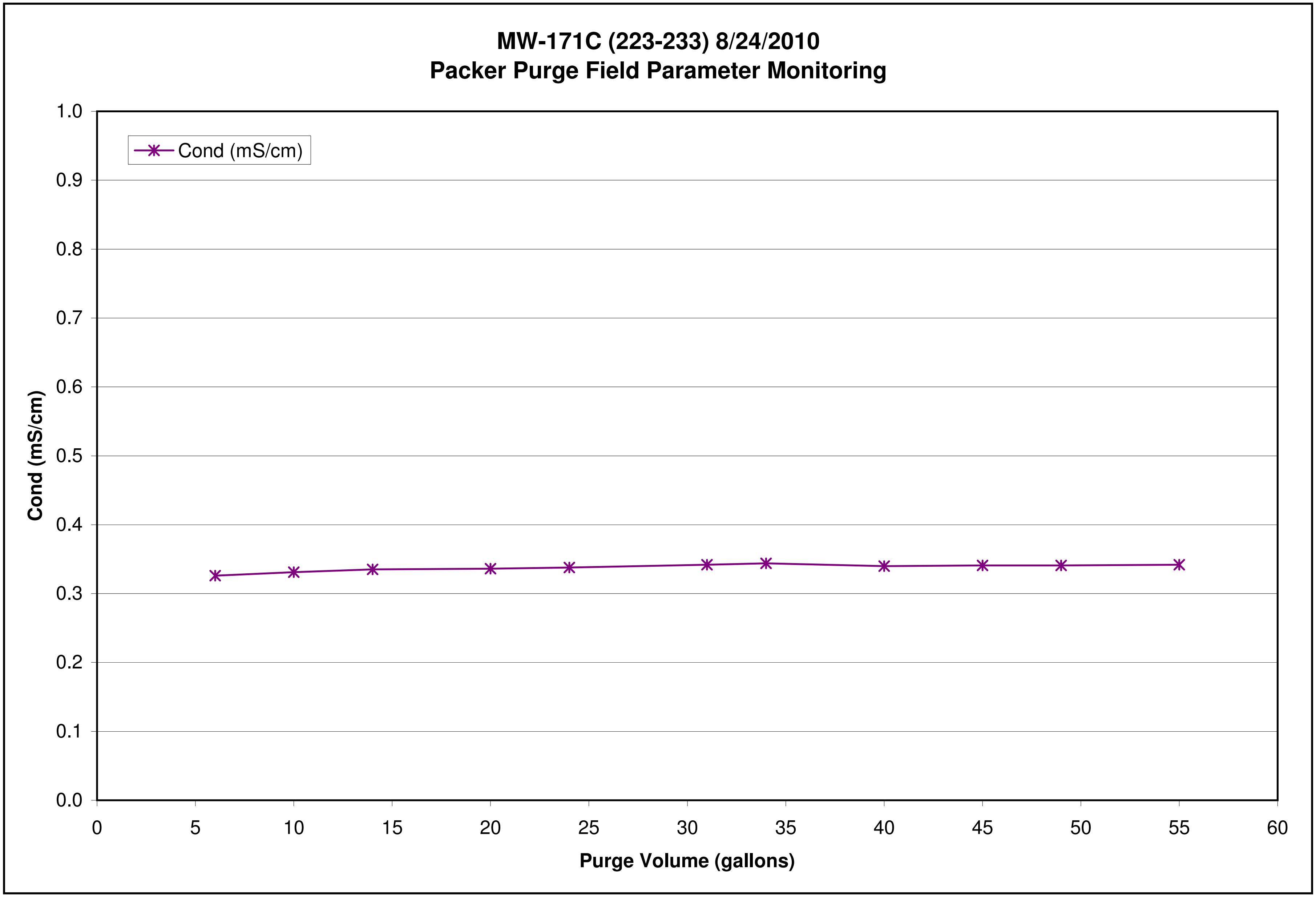
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

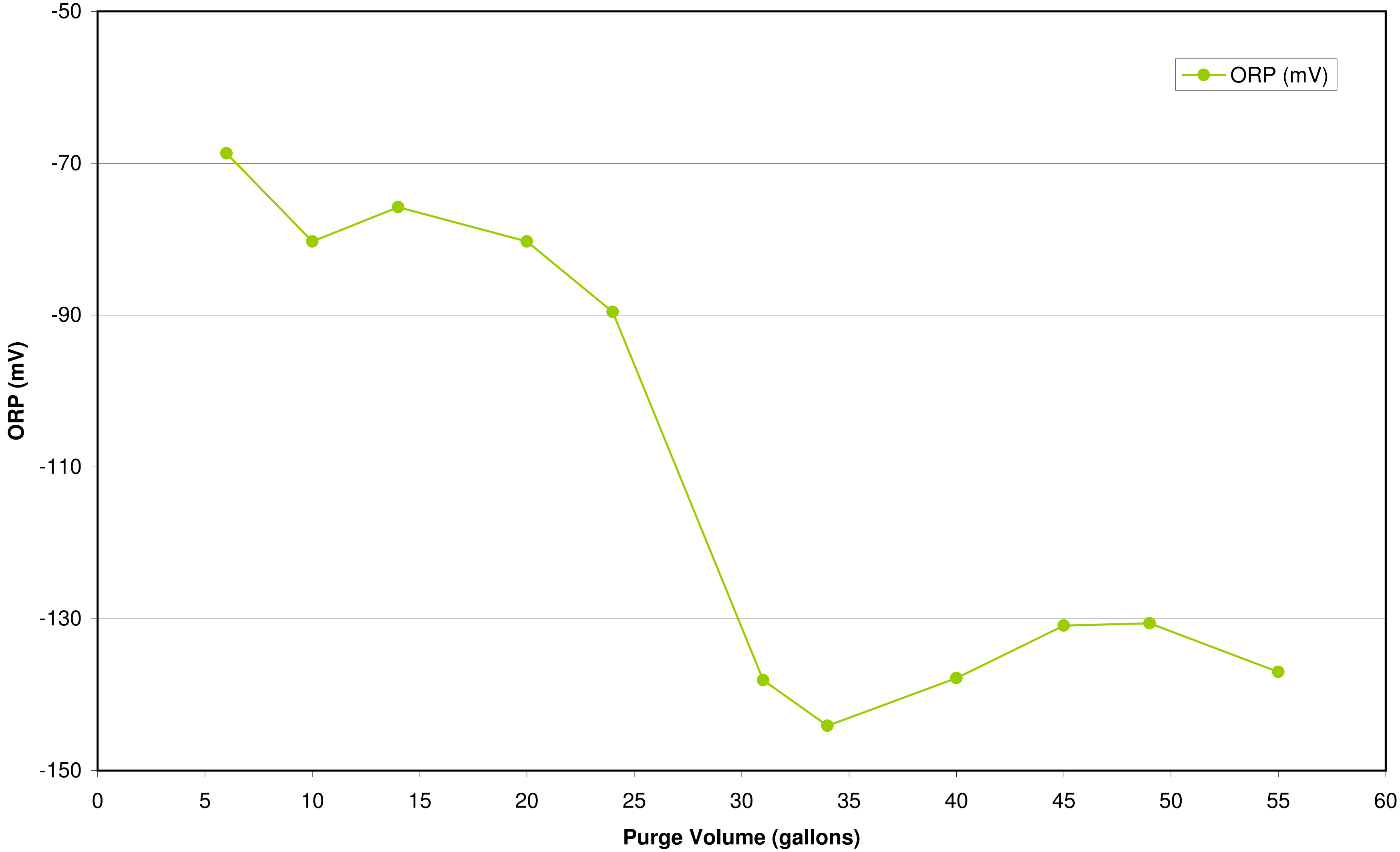


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

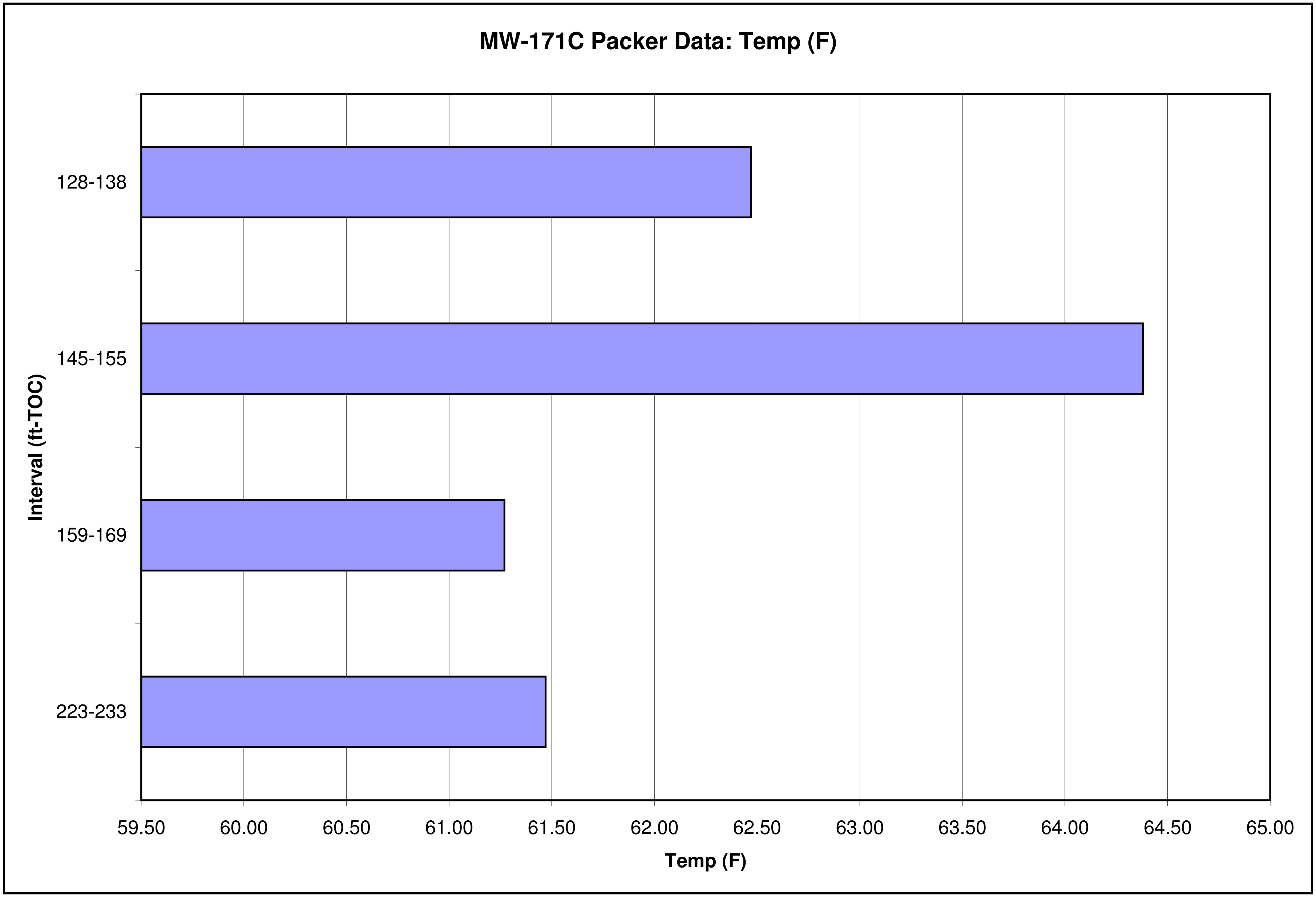


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

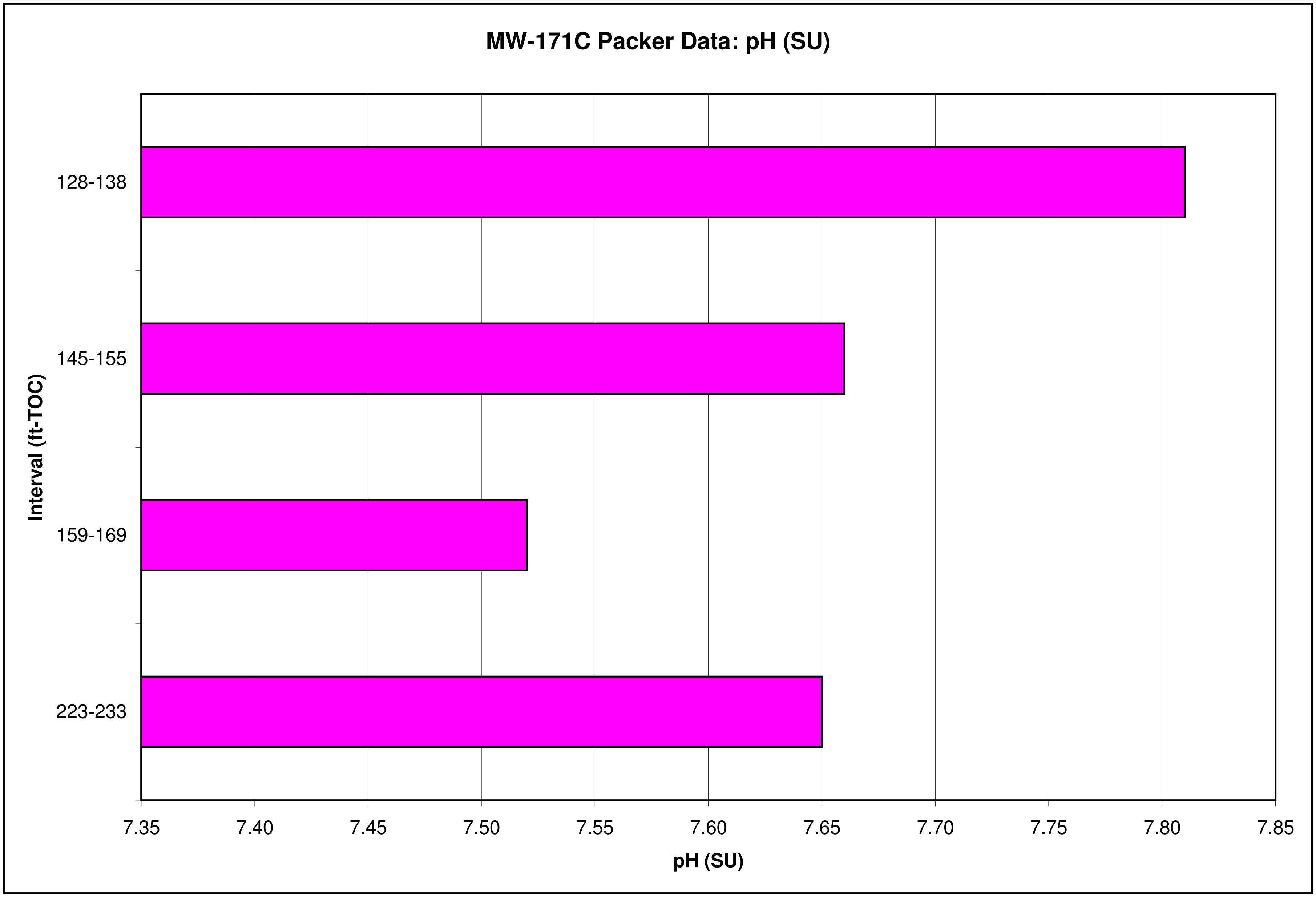
MW-171C (223-233) 8/24/2010
Packer Purge Field Parameter Monitoring



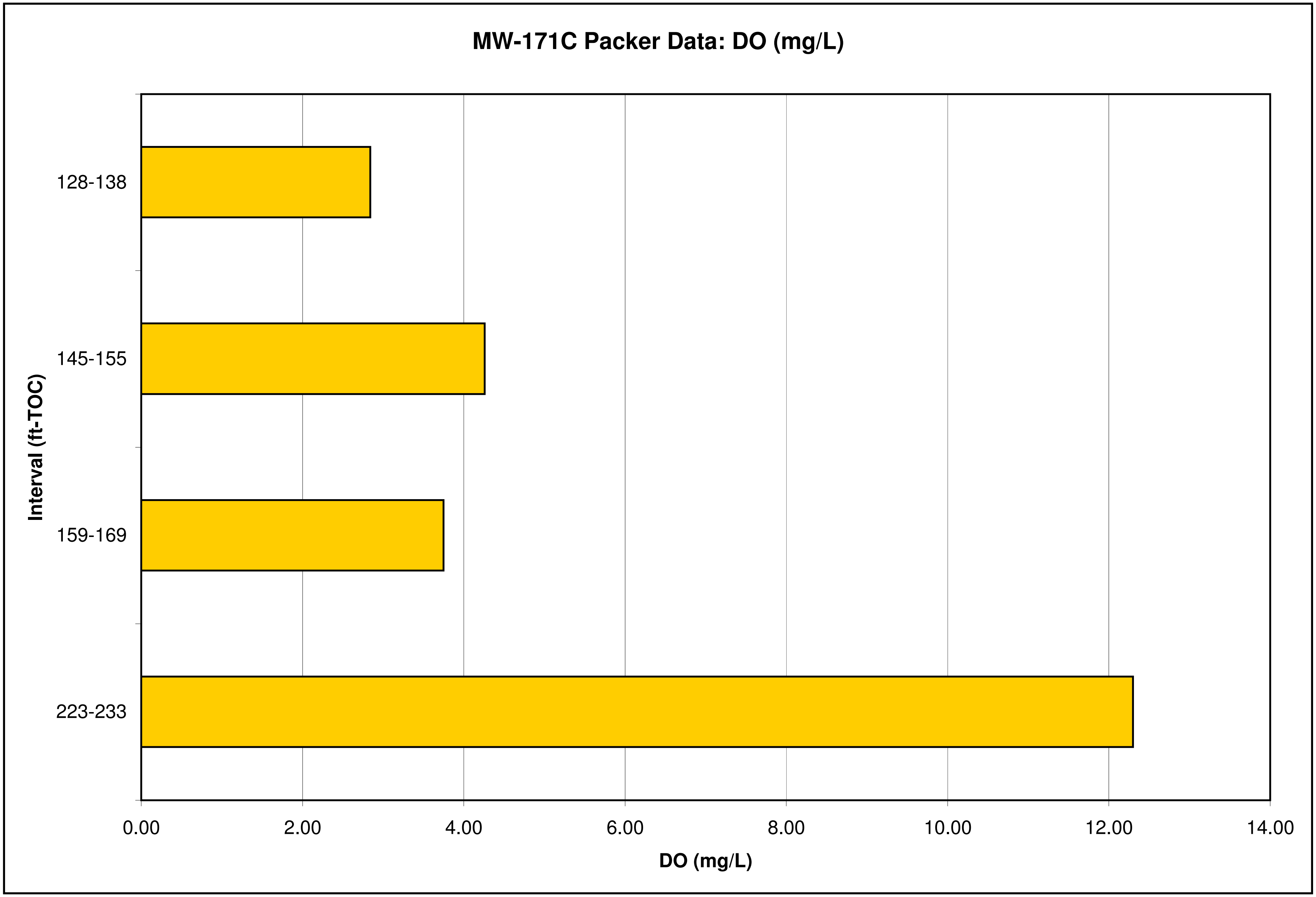
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



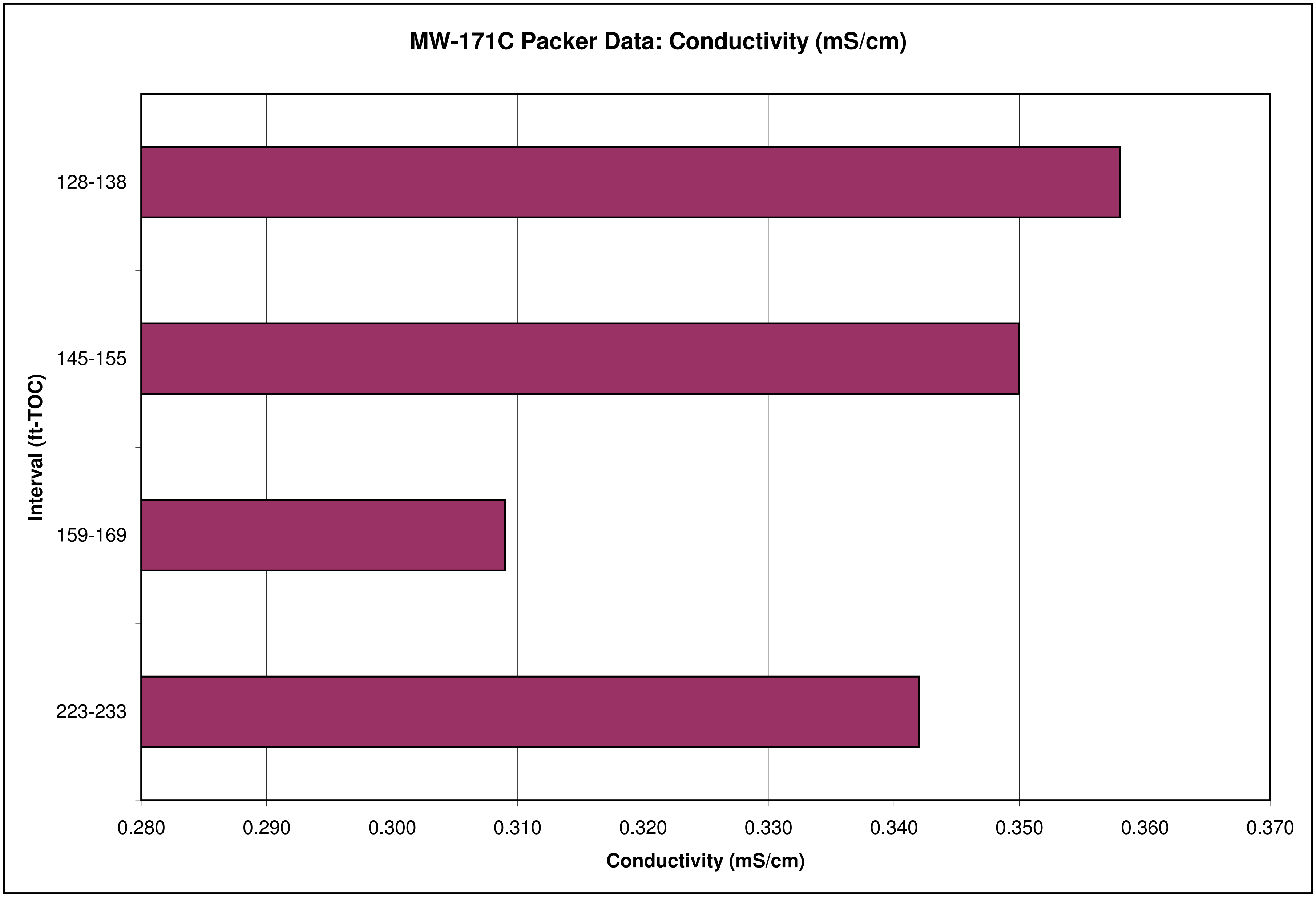
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



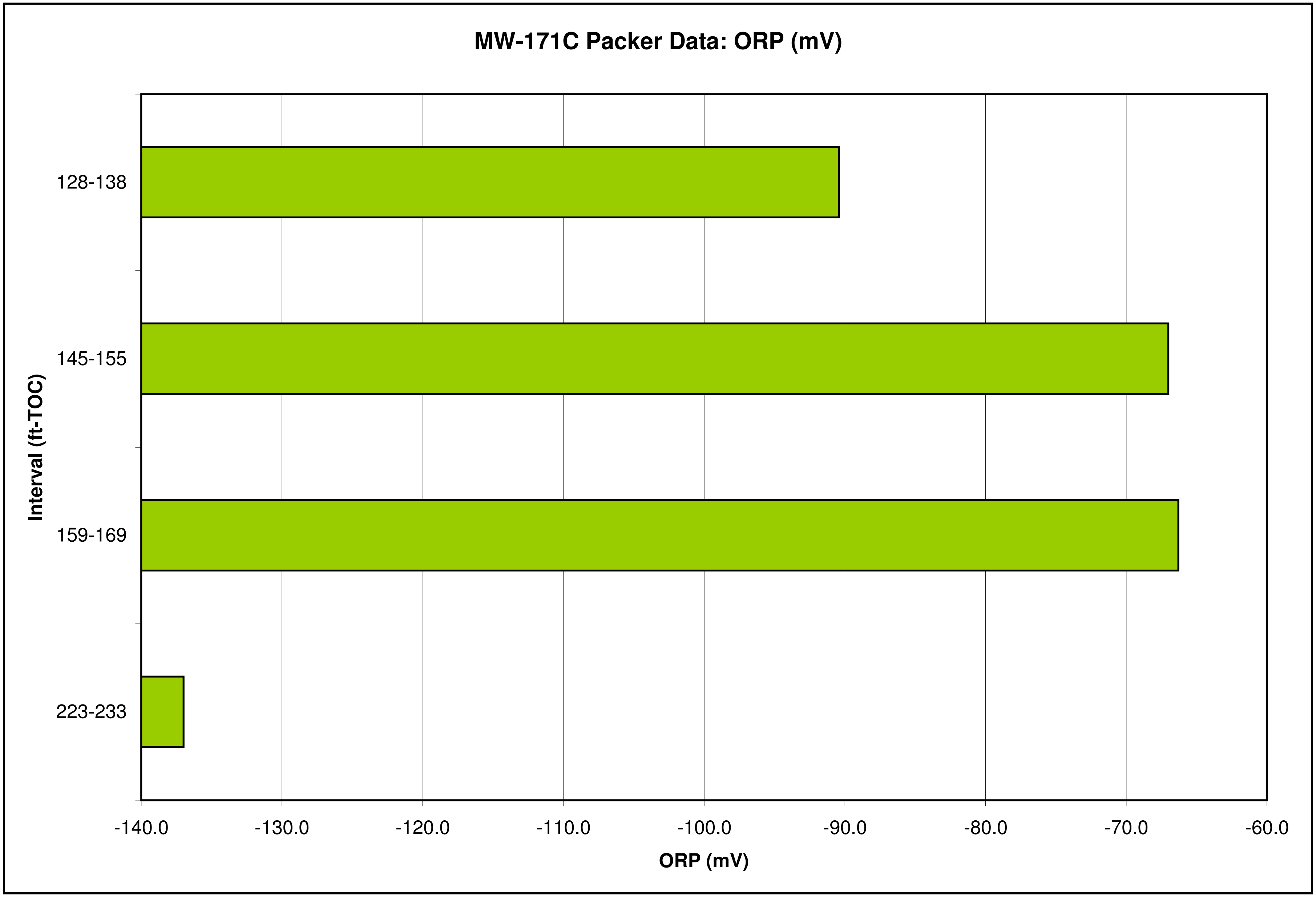
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



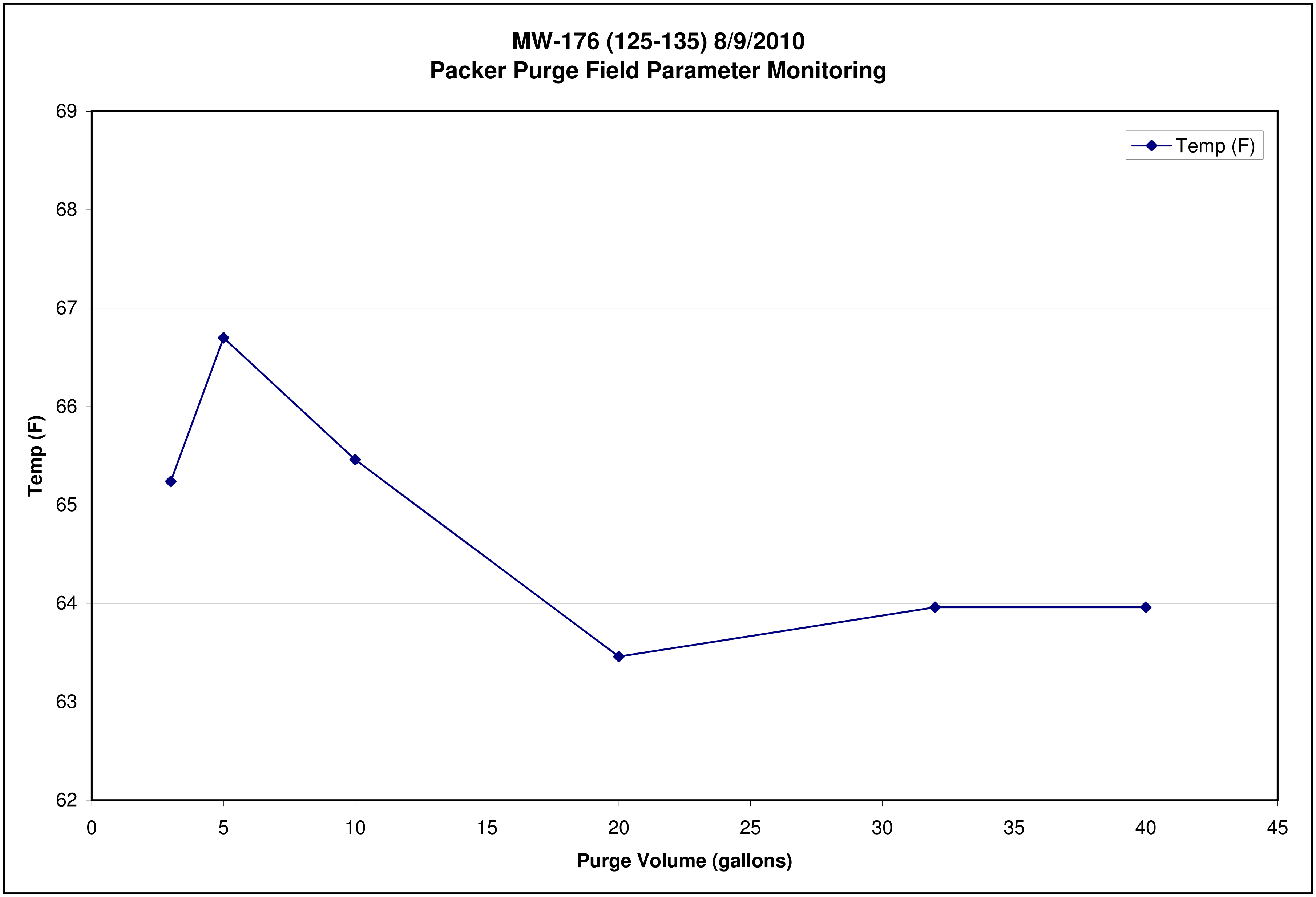
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-176
125-135
8/9/2010

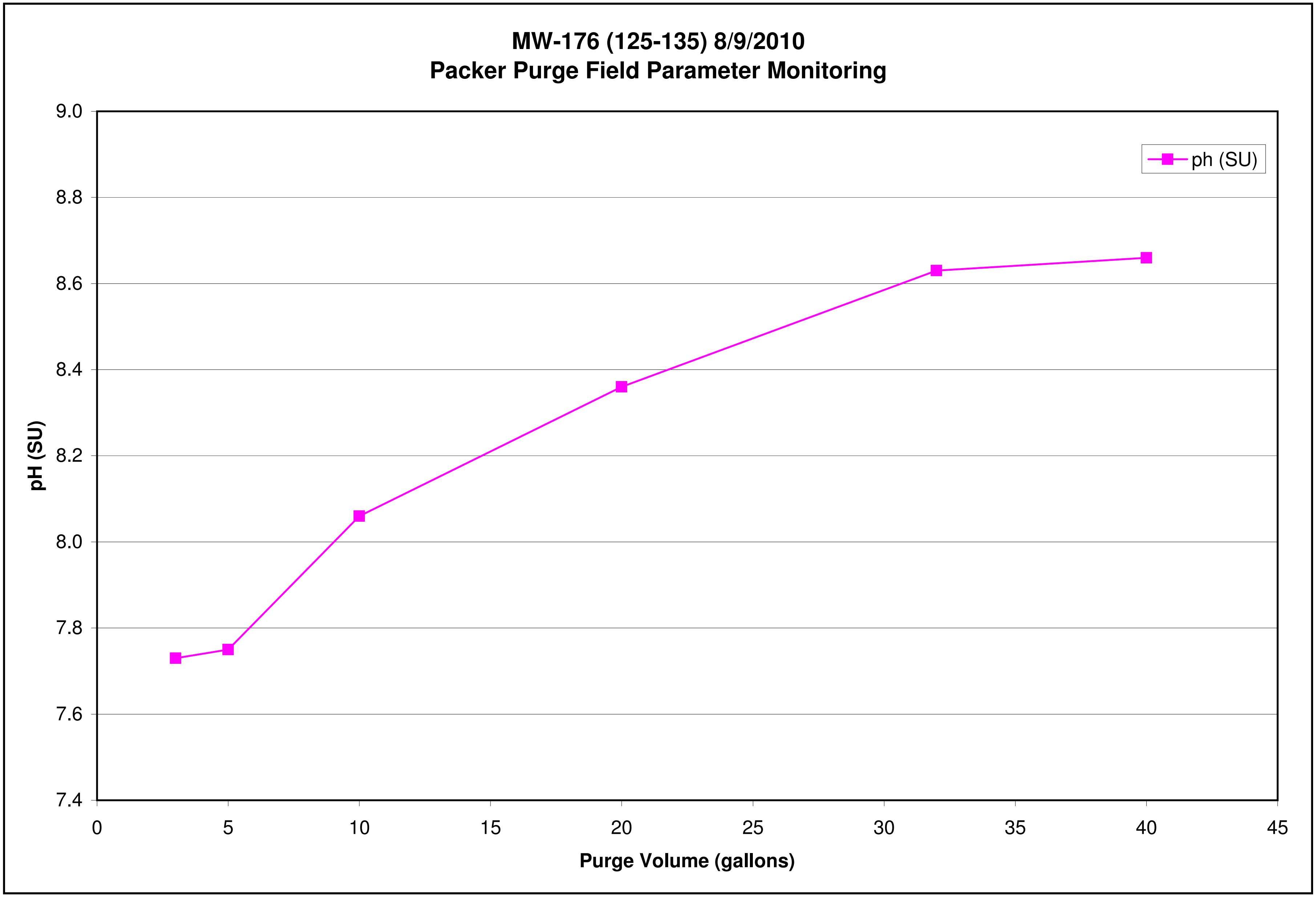
Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1057	0.75	3	65.24	7.73	6.60	0.531	10.6
1100	0.75	5	66.70	7.75	5.77	0.501	5.6
1104	1	10	65.46	8.06	2.85	0.555	11.7
1110	1.5	20	63.46	8.36	0.91	0.577	6.1
1120	1.5	32	63.96	8.63	1.36	0.593	-1.3
1137	-	40	63.96	8.66	1.77	0.708	-2.3

Notes:
- Calculated target purge volume = 45.34 gallons
- Samples collected after 49 gallons purged

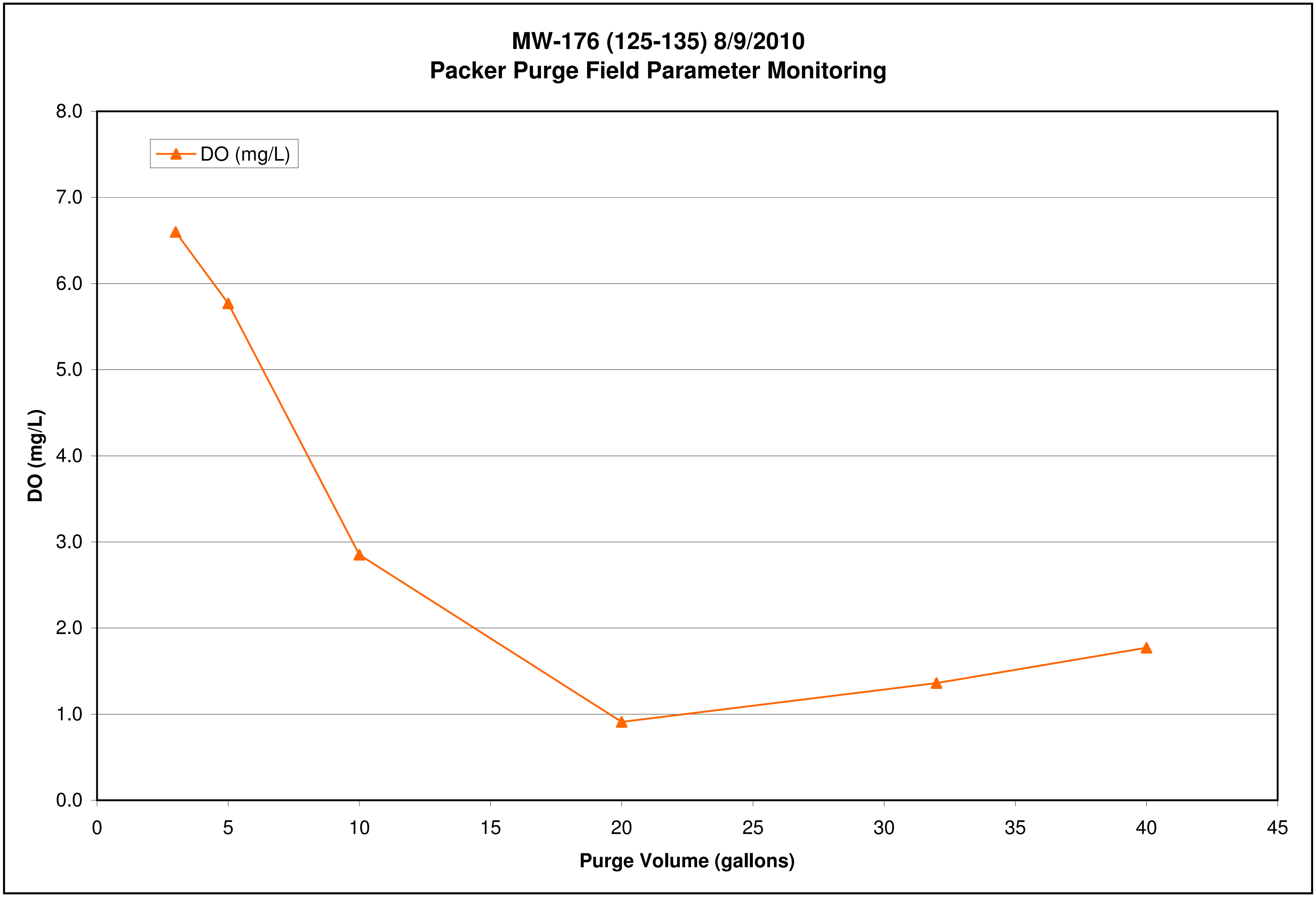
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



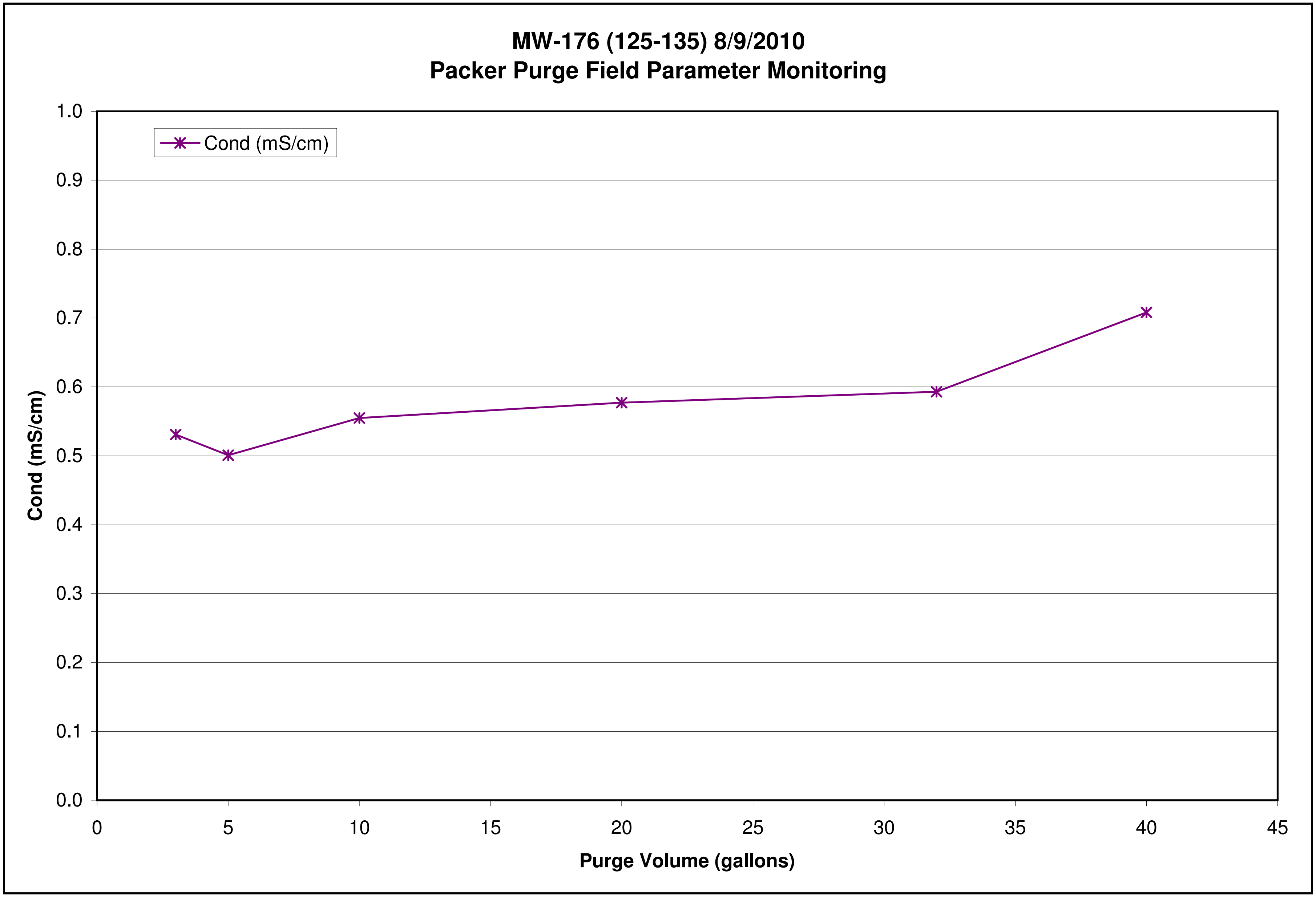
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



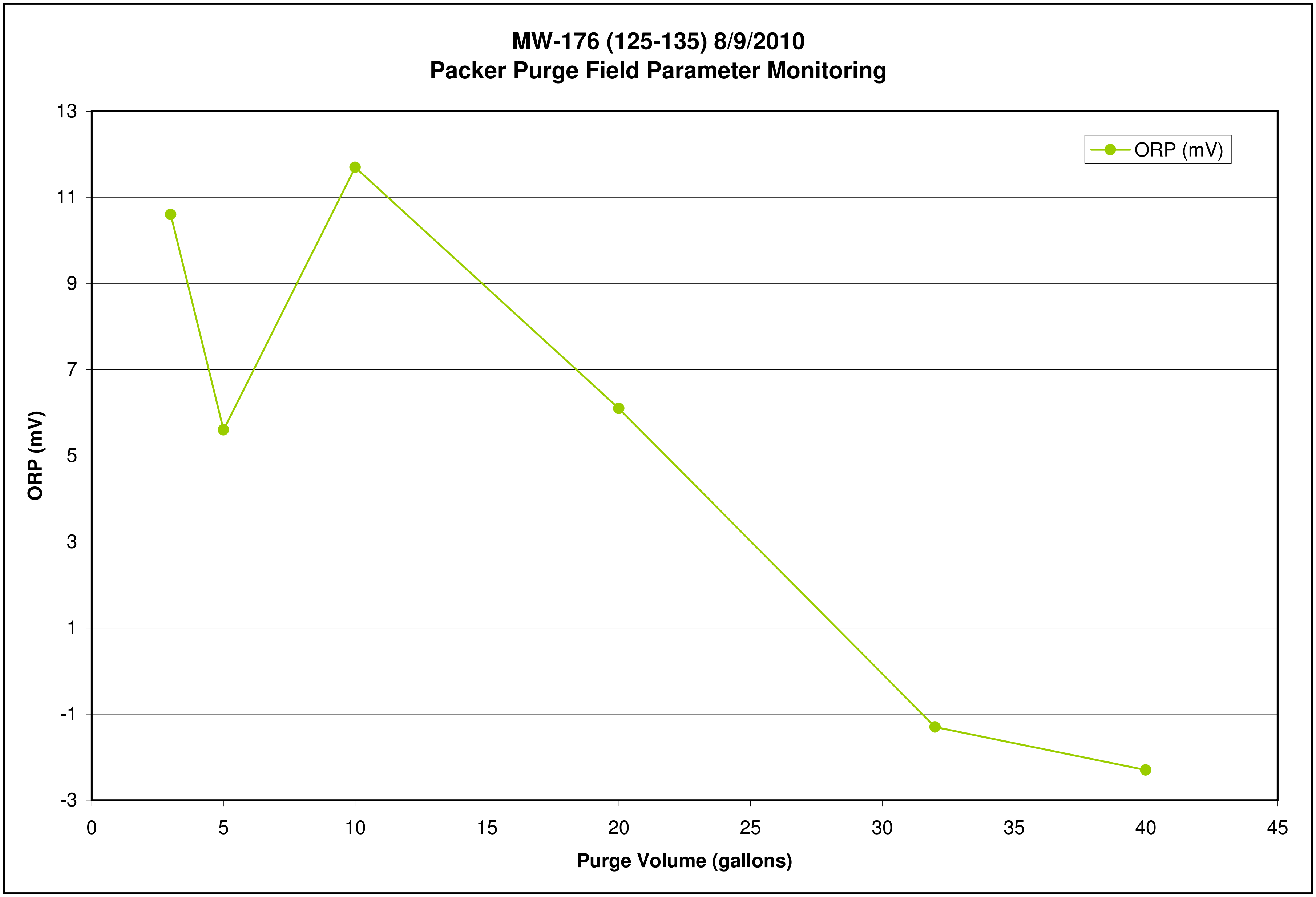
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

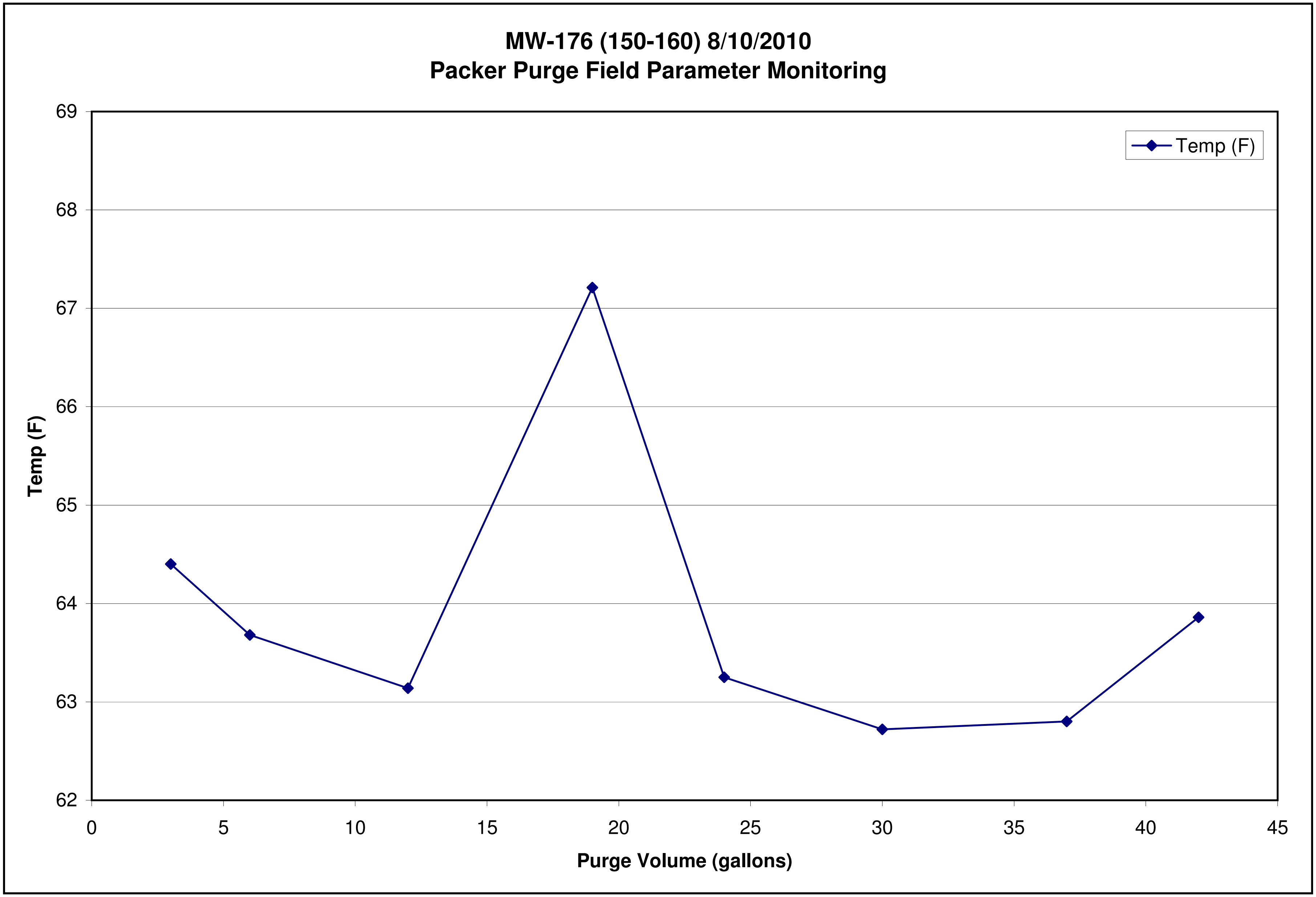


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

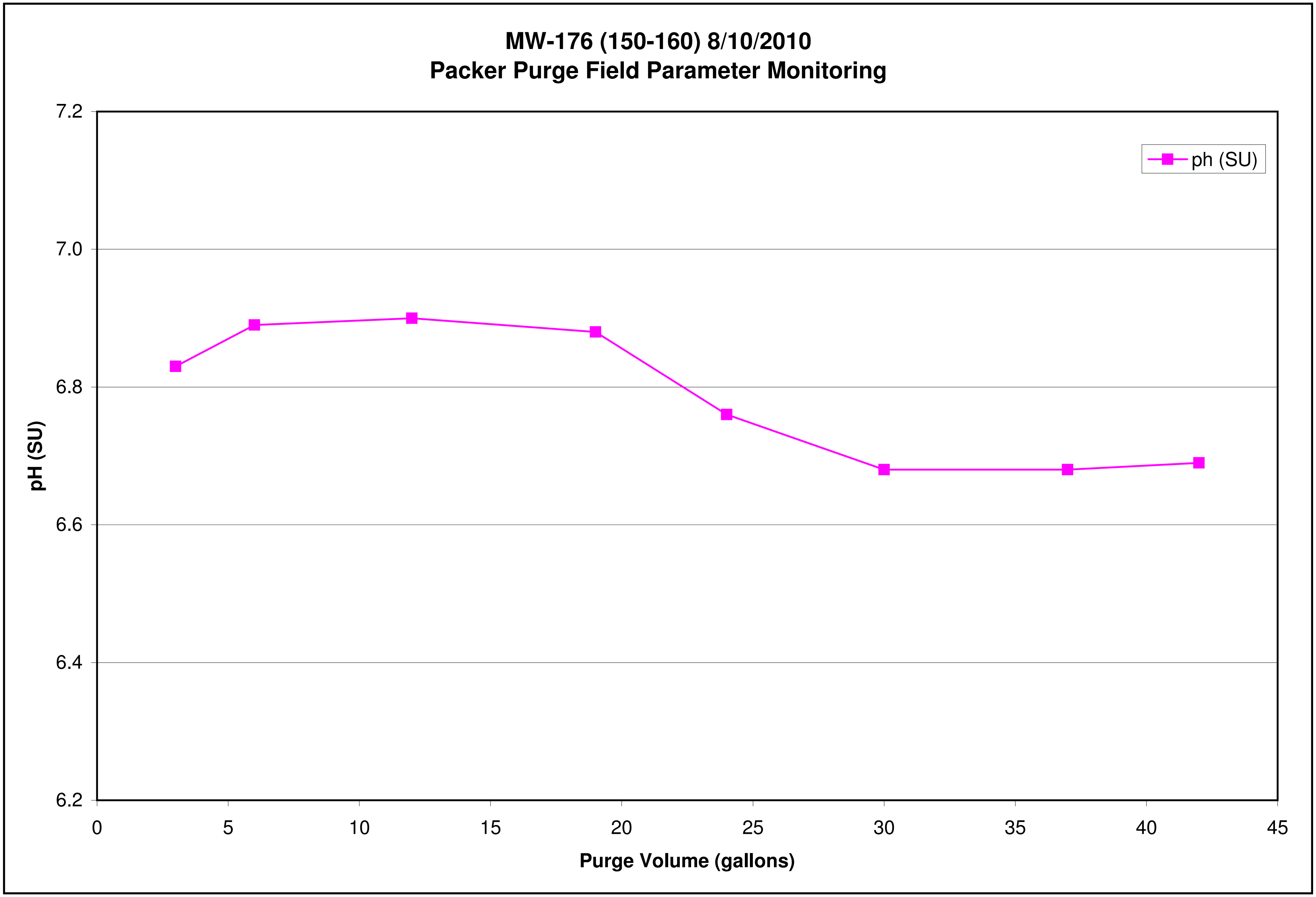
MW-176
150-160
8/10/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1225	0.5	3	64.40	6.83	4.71	0.723	31.7
1230	1.25	6	63.68	6.89	0.91	0.588	39.1
1235	1.25	12	63.14	6.90	2.89	0.556	30.4
1250	1.25	19	67.21	6.88	13.54	0.768	29.9
1255	-	24	63.25	6.76	0.70	0.742	27.1
1300	1	30	62.72	6.68	1.83	0.738	29.2
1305	1.5	37	62.80	6.68	1.67	0.739	29.0
1310	-	42	63.86	6.69	16.97	0.752	26.9

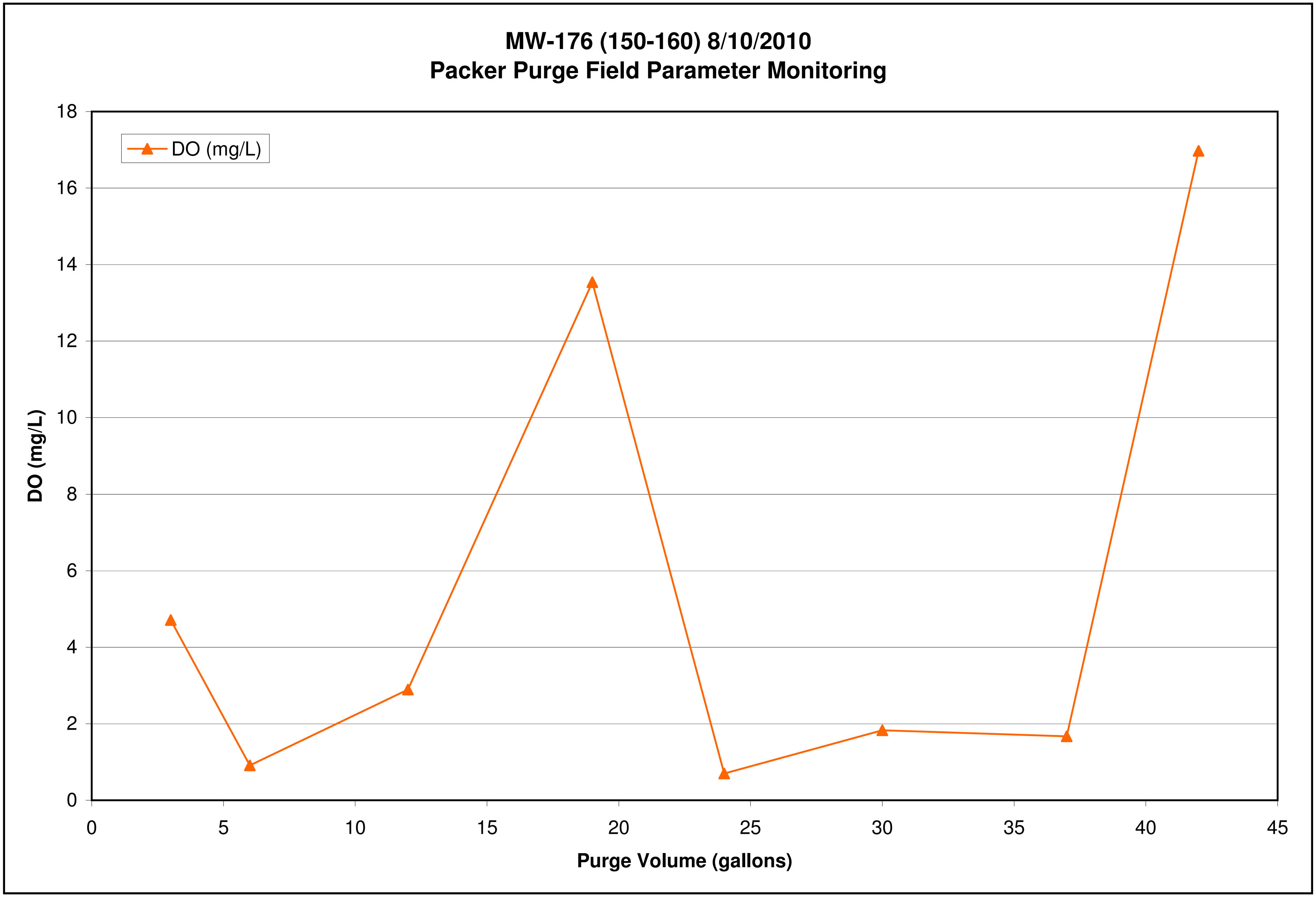
Notes:
- Calculated target purge volume = 47.86 gallons
- Samples collected after 48 gallons purged



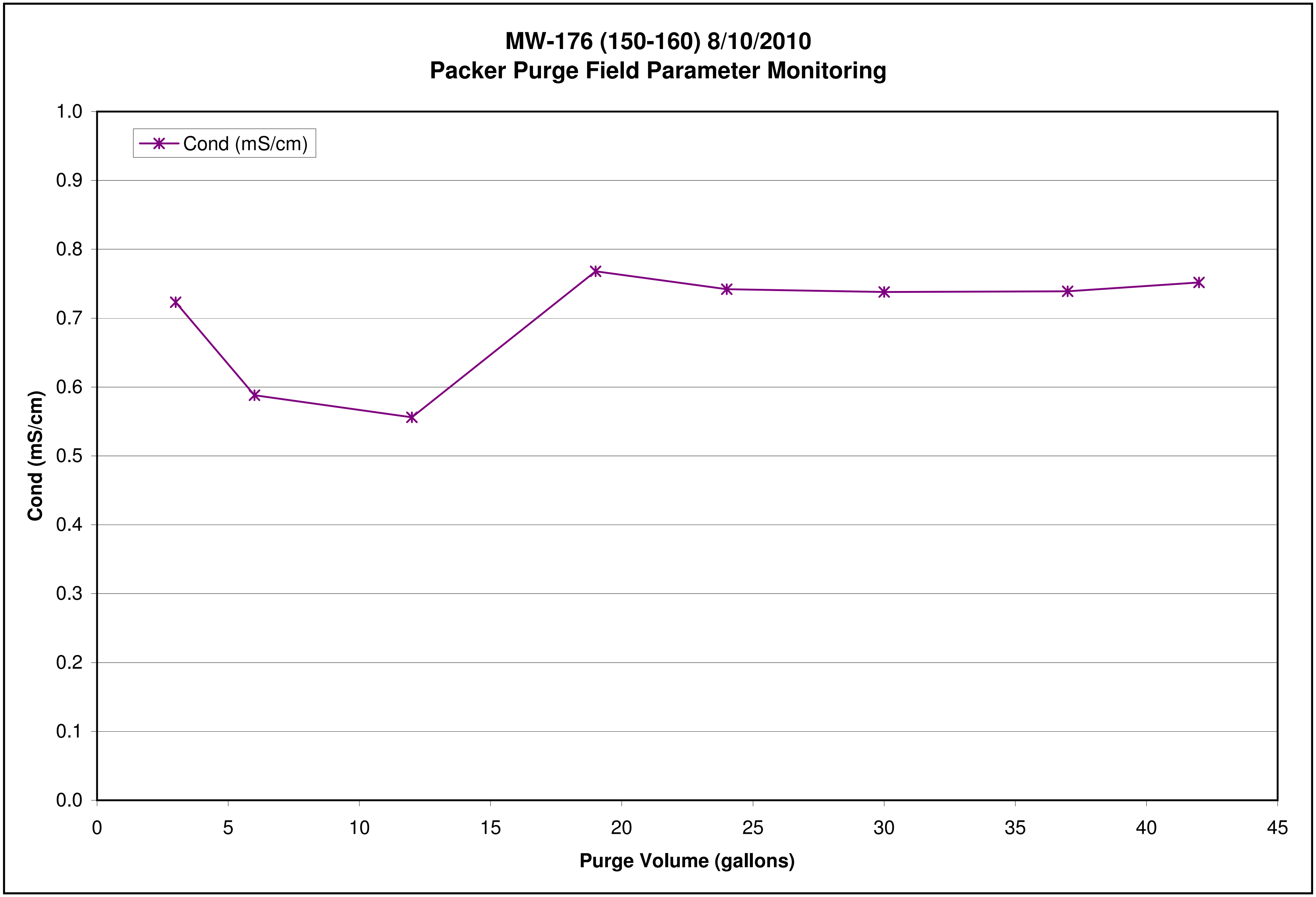
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



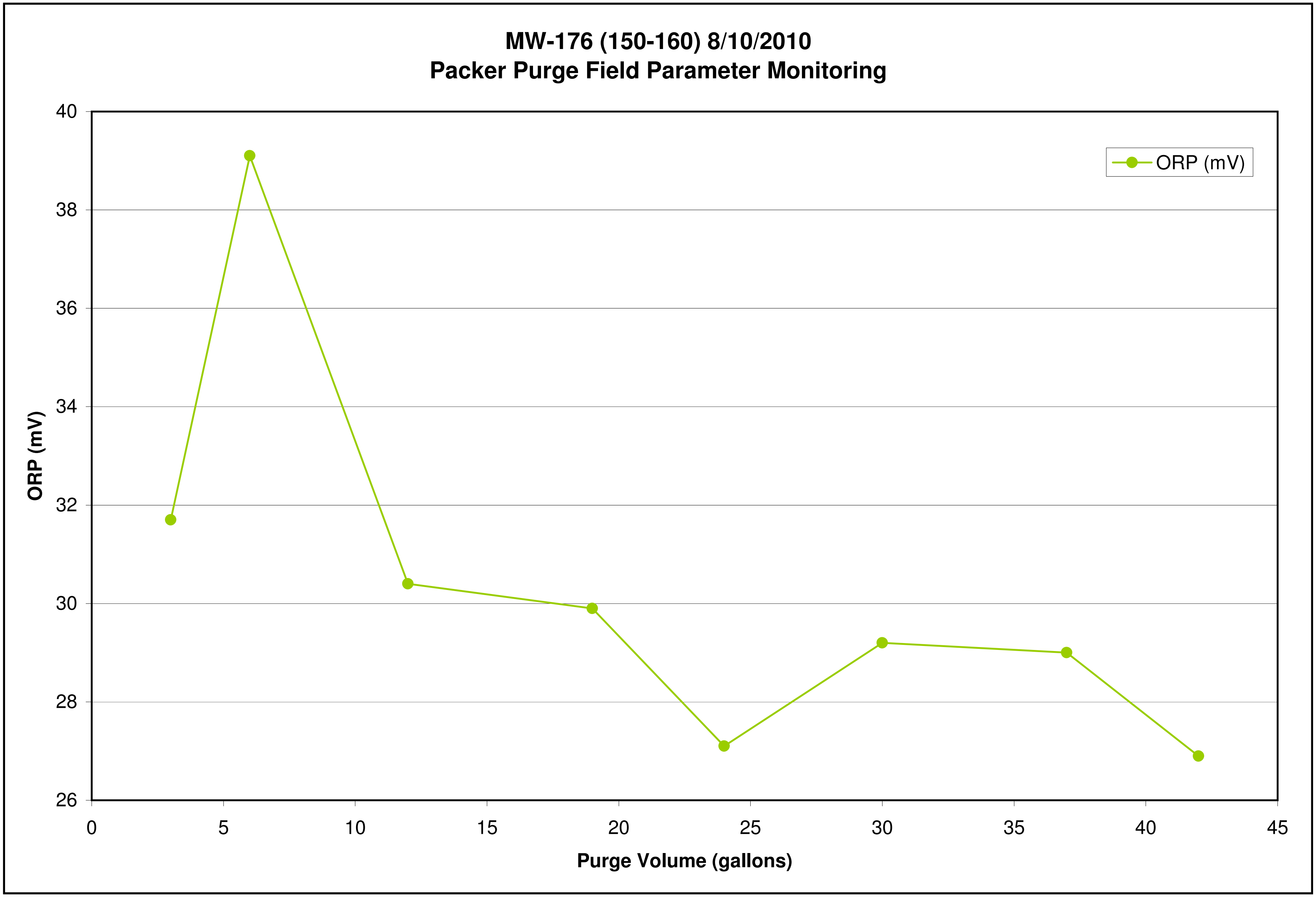
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

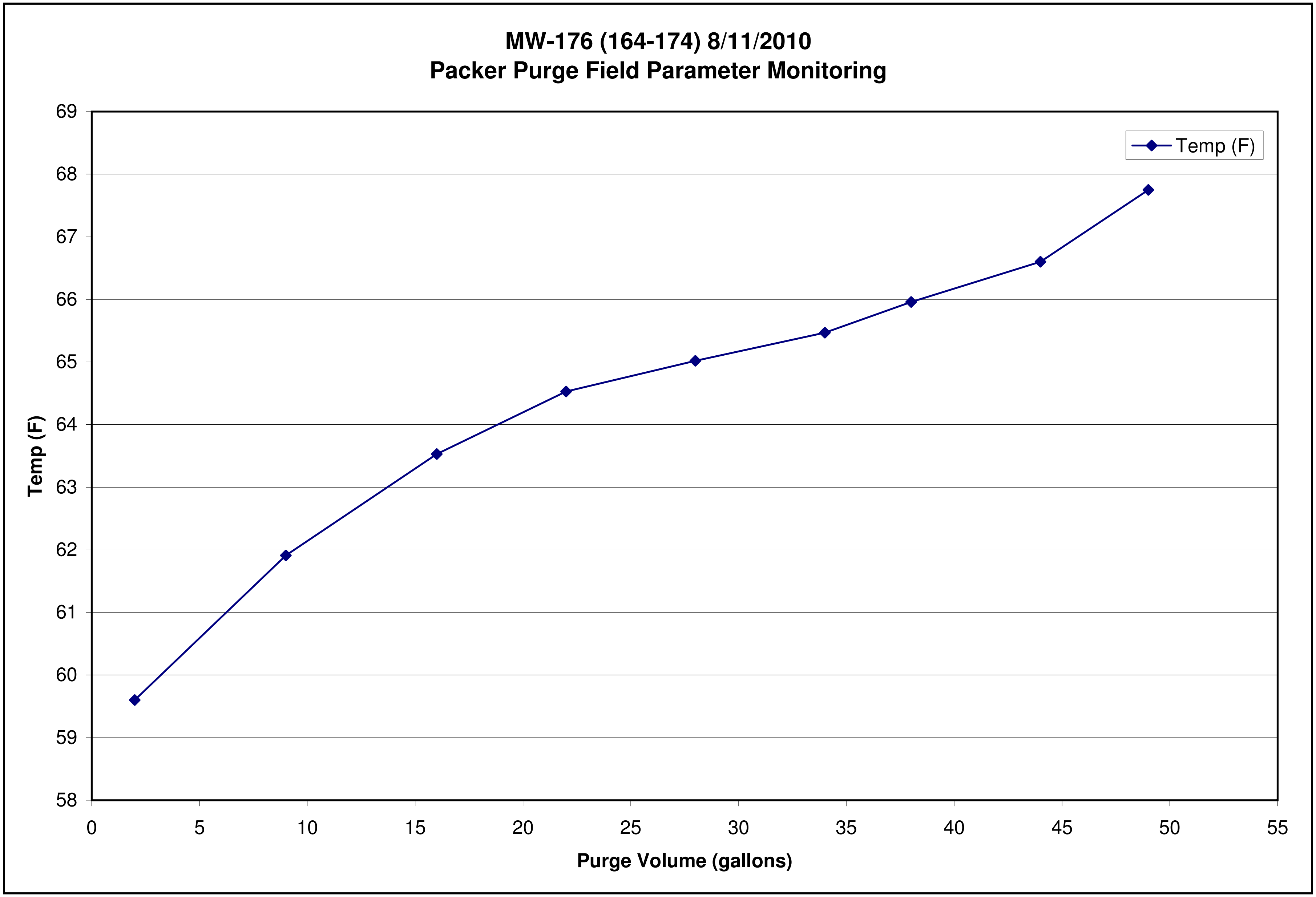


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

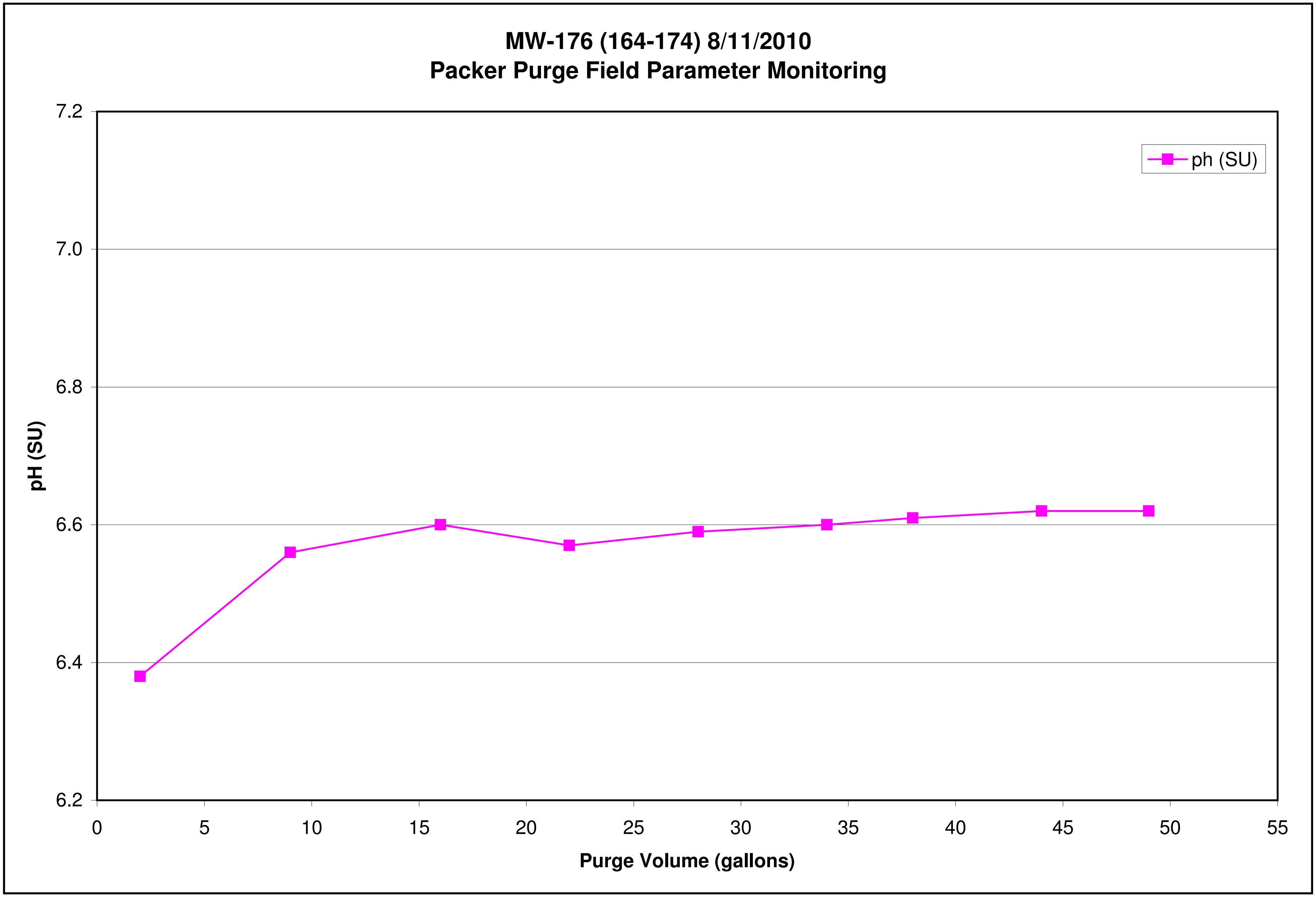
MW-176
164-174
8/11/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1155	1.5	2	59.60	6.38	1.17	0.680	70.1
1200	1.25	9	61.91	6.56	4.46	0.666	78.1
1205	1	16	63.53	6.60	4.95	0.739	49.9
1210	1.5	22	64.53	6.57	7.35	0.750	44.7
1220	1	28	65.02	6.59	4.80	0.753	39.0
1225	1	34	65.47	6.60	7.54	0.752	35.9
1230	1	38	65.96	6.61	7.77	0.758	33.6
1235	1	44	66.60	6.62	5.27	0.767	31.0
1240	-	49	67.75	6.62	8.54	0.779	29.1

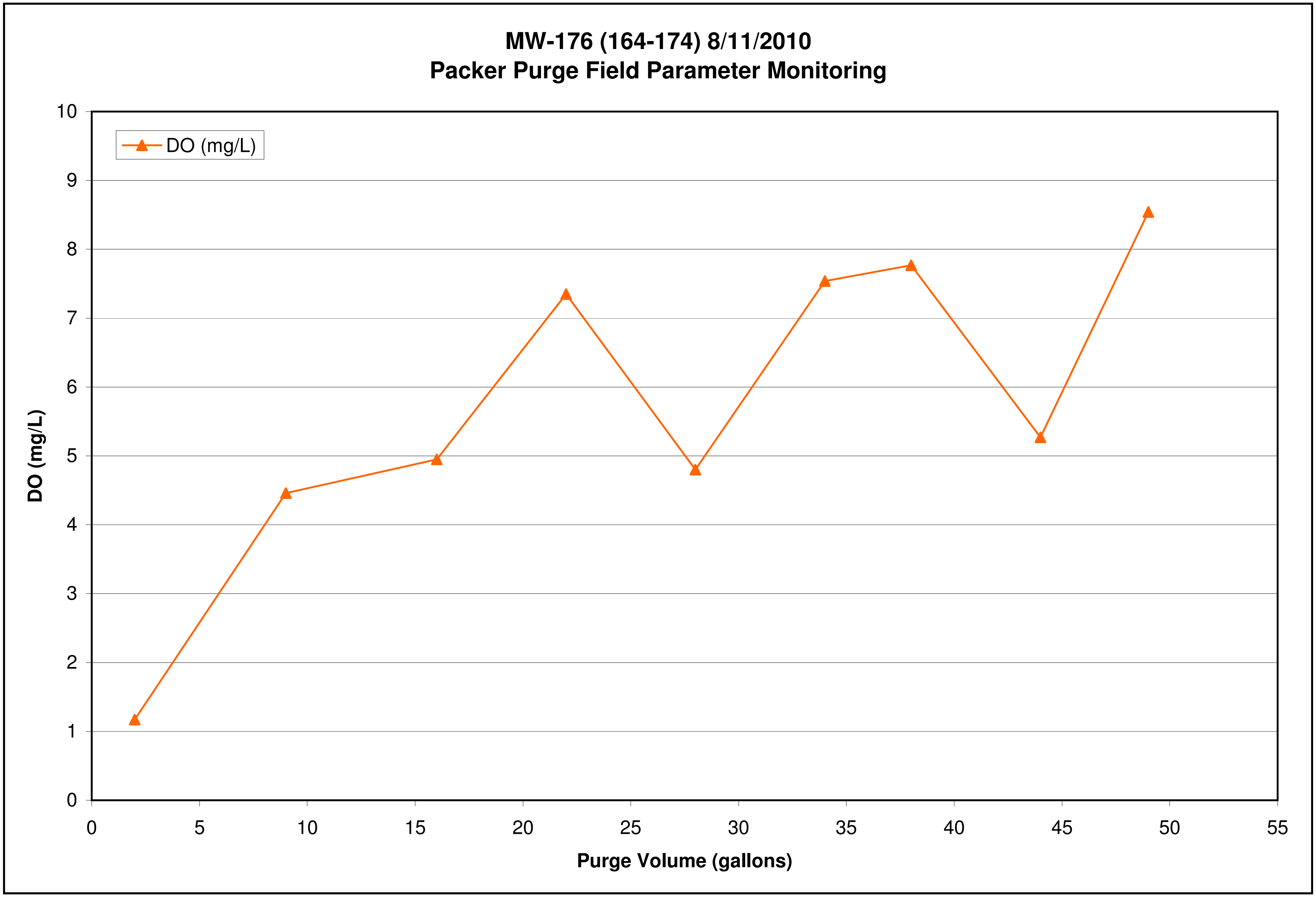
Notes:
- Calculated target purge volume = 48.91 gallons
- Packer interval purged dry at 51 gallons
- Samples collected after 51 gallons purged



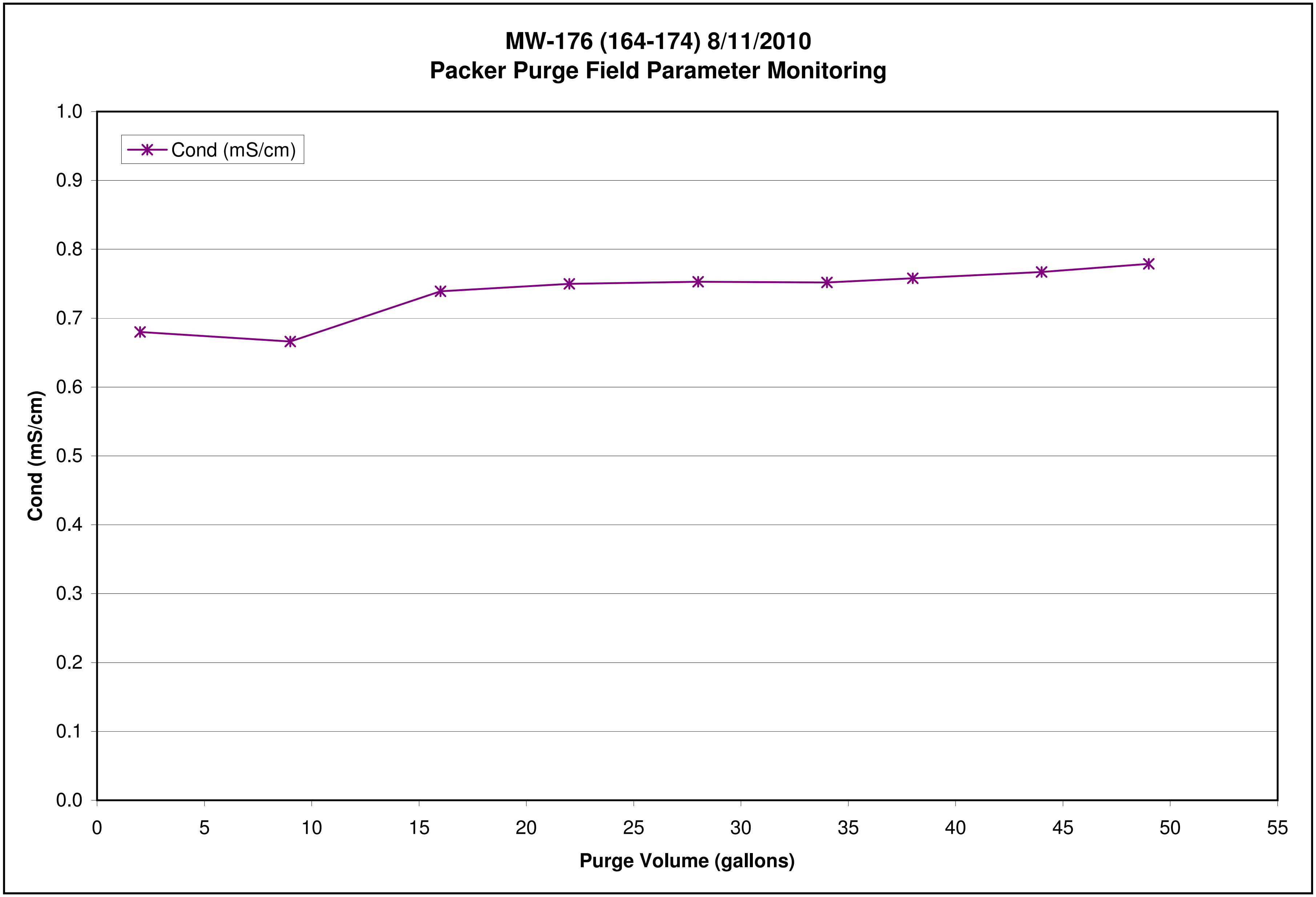
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



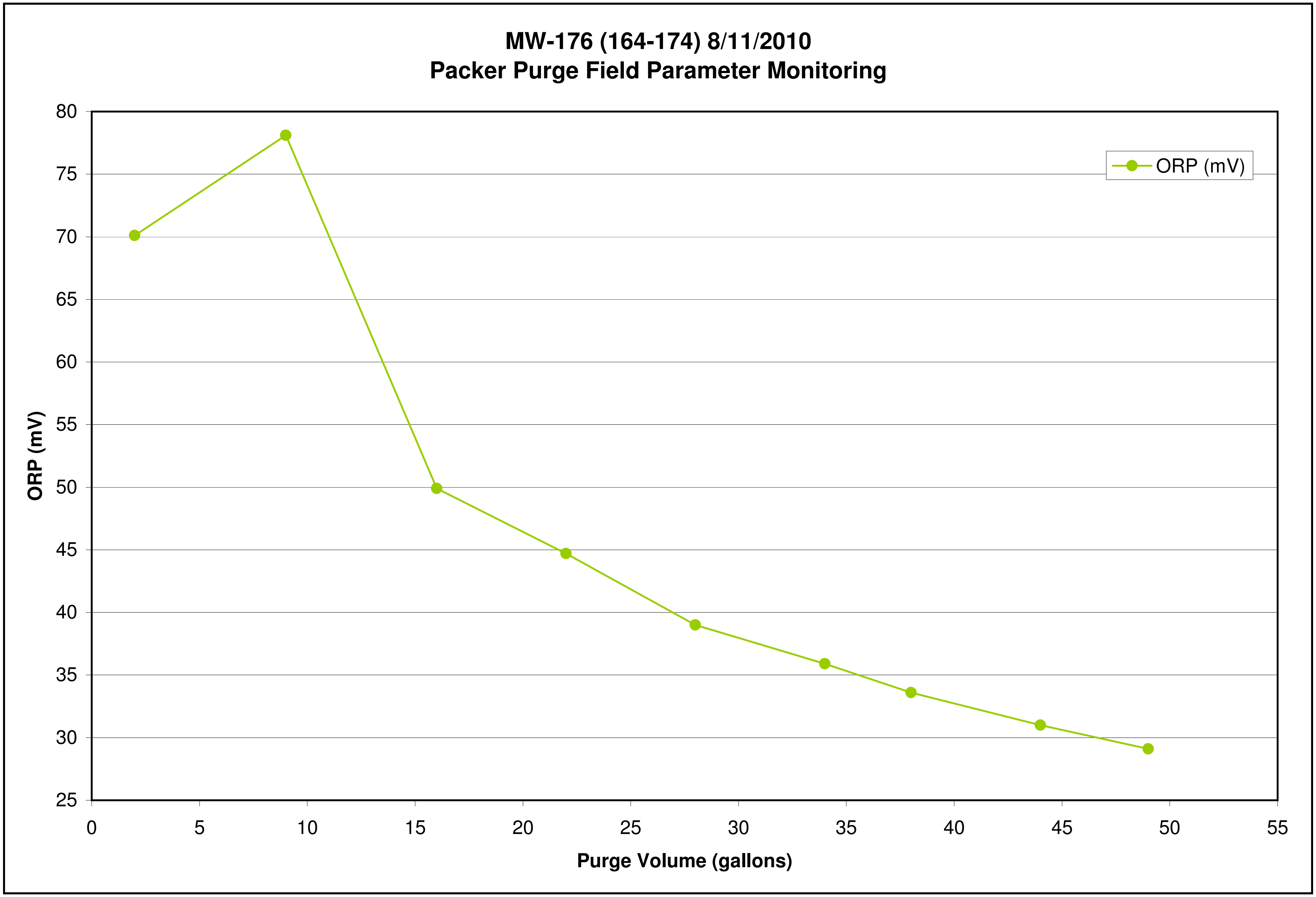
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

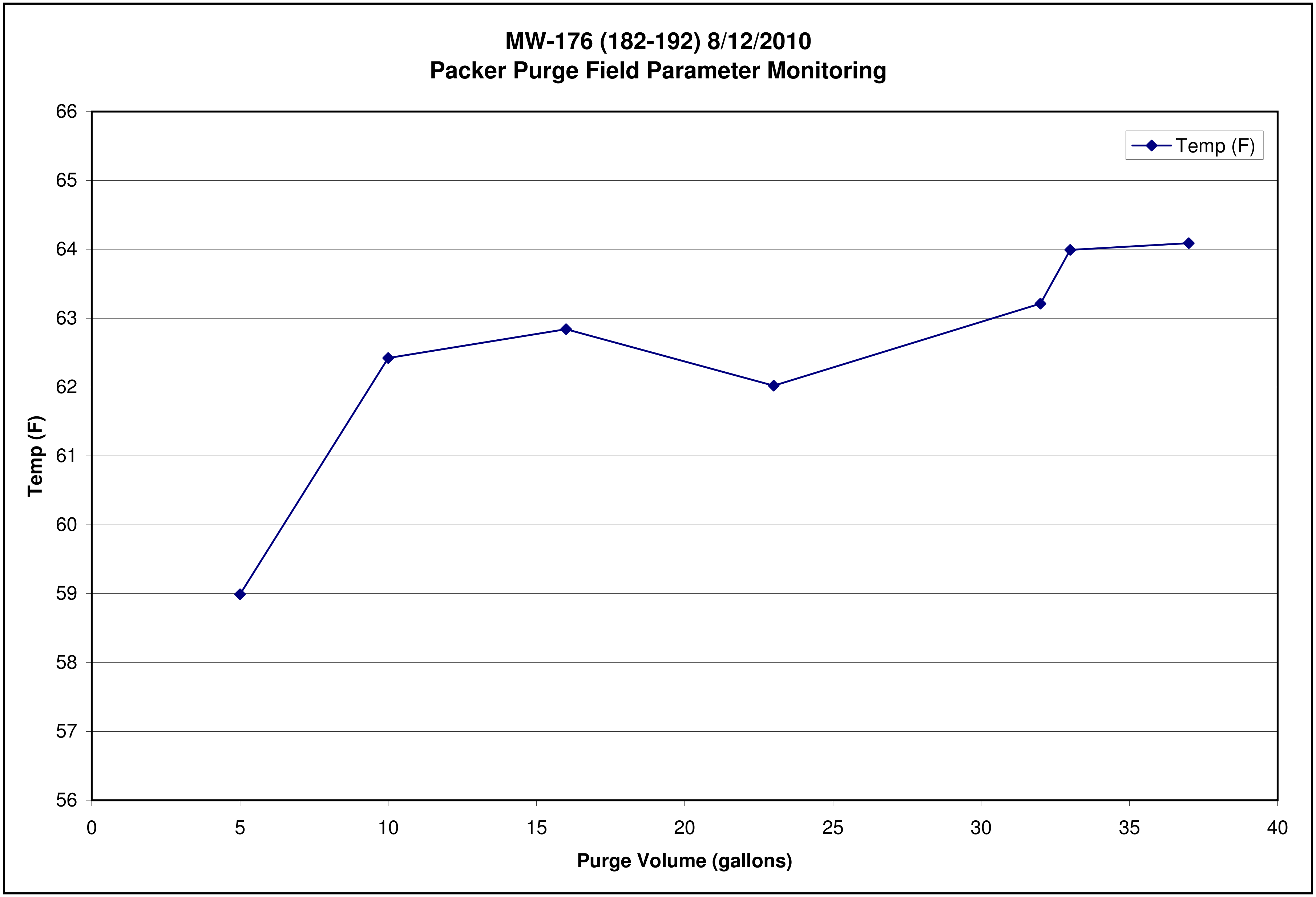


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

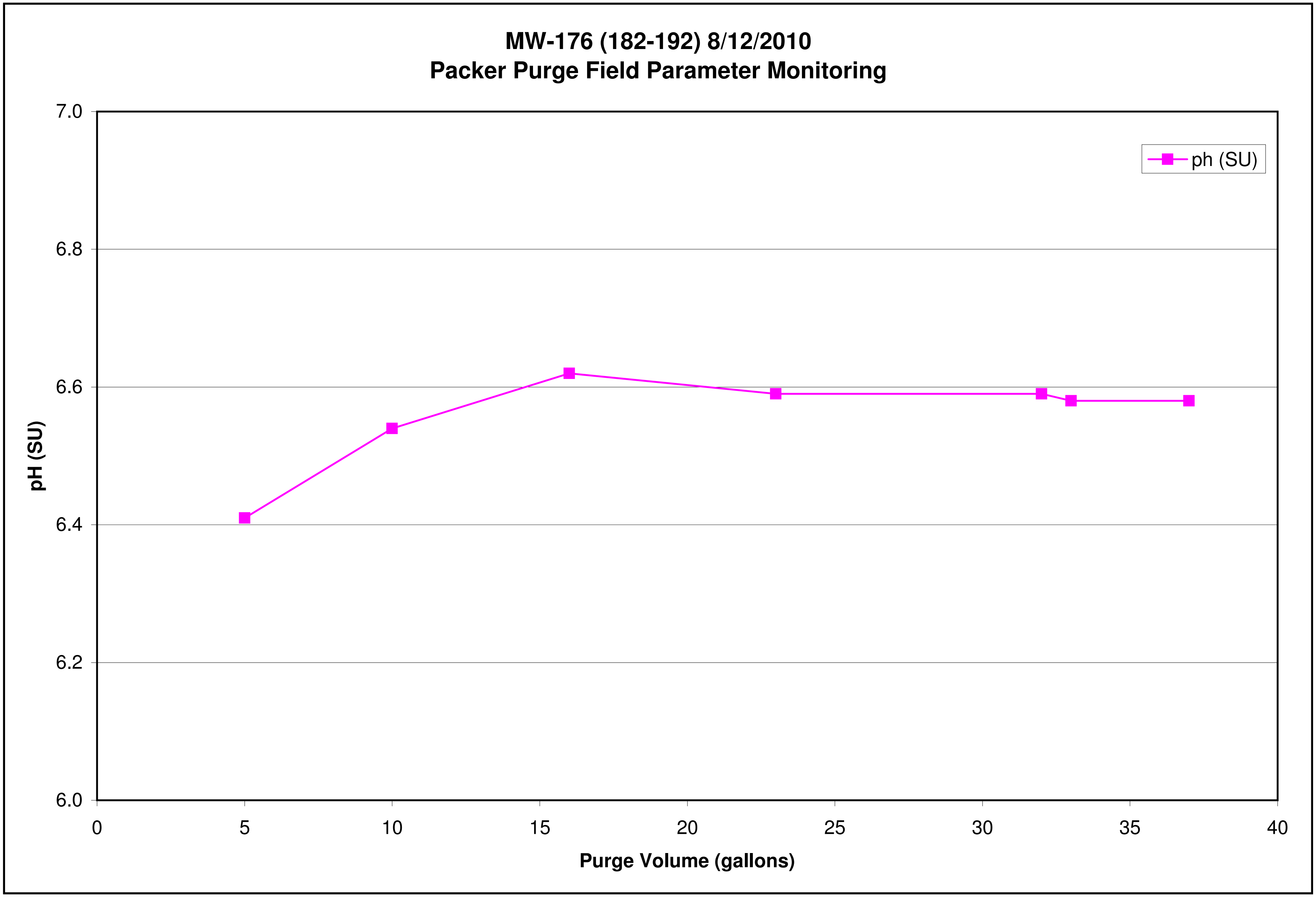
MW-176
182-192
8/12/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1145	1.25	5	58.99	6.41	6.65	0.669	104.6
1150	1	10	62.42	6.54	5.09	0.690	110.6
1155	1	16	62.84	6.62	9.45	0.700	110.1
1200	1.5	23	62.02	6.59	5.97	0.741	69.4
1207	1.25	32	63.21	6.59	5.59	0.751	58.1
1210	1	33	63.99	6.58	7.96	0.759	55.2
1215	1	37	64.09	6.58	7.90	0.763	50.8

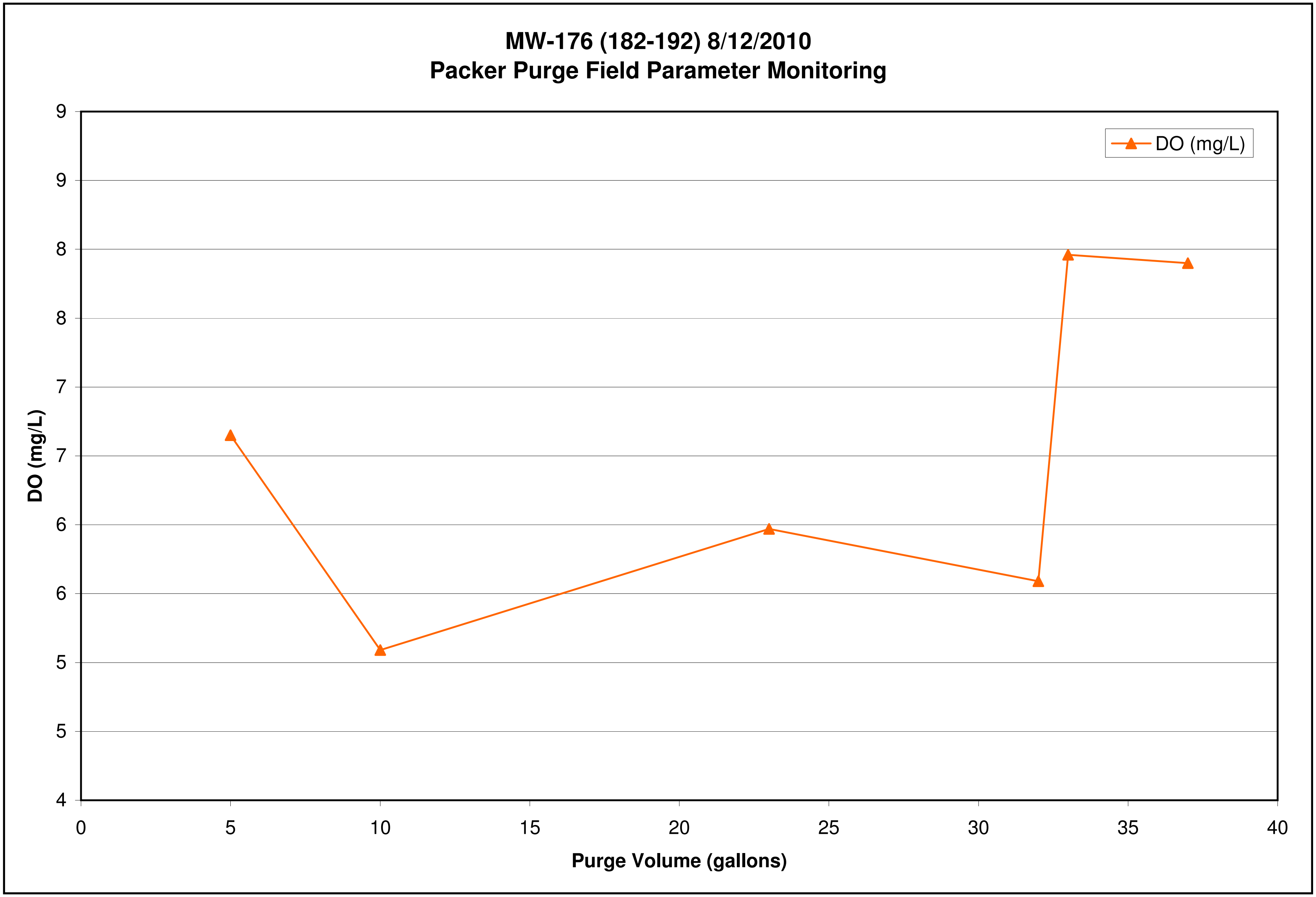
Notes:
- Calculated target purge volume = 50.64 gallons
- Samples collected after 47 gallons purged



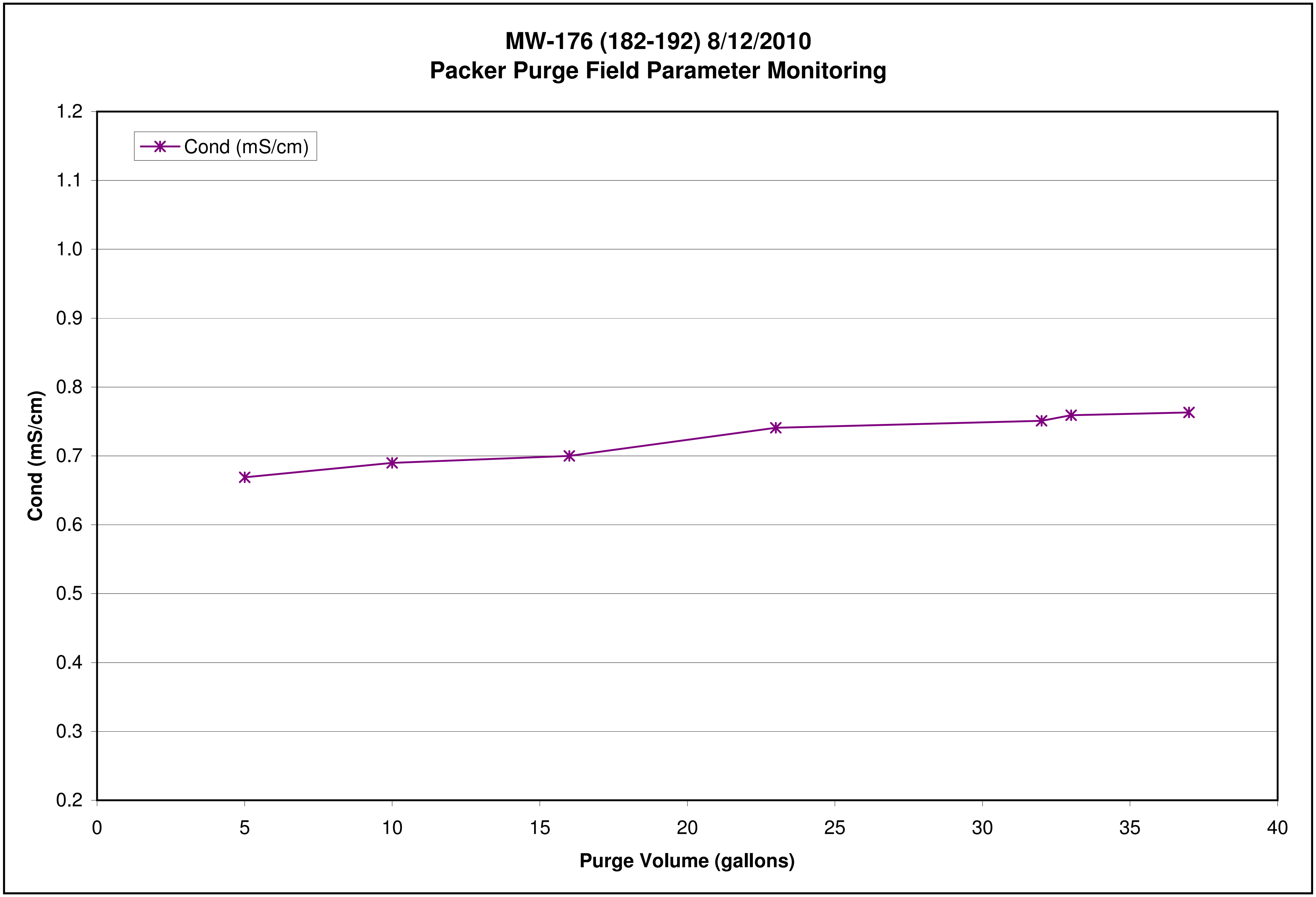
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



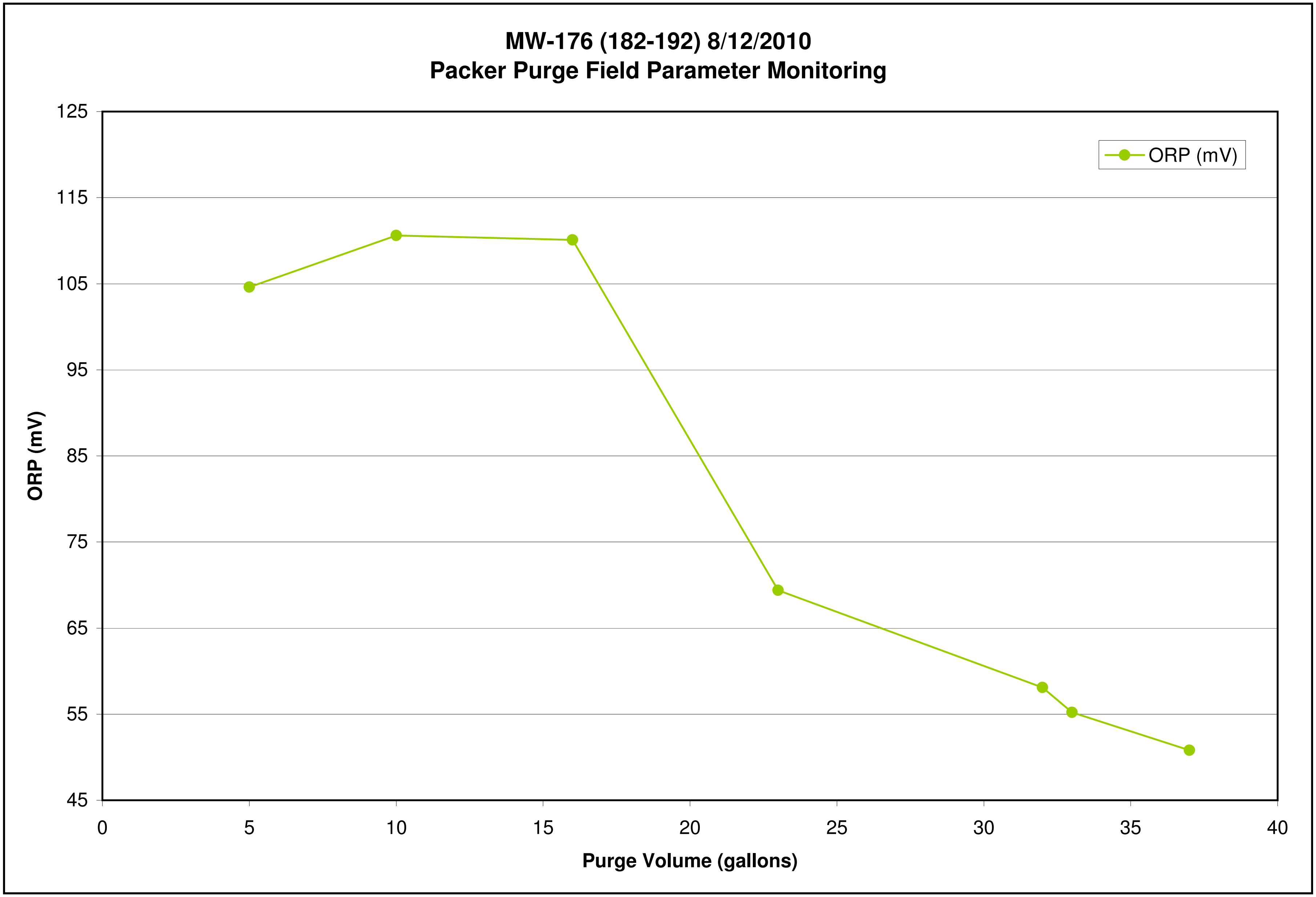
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

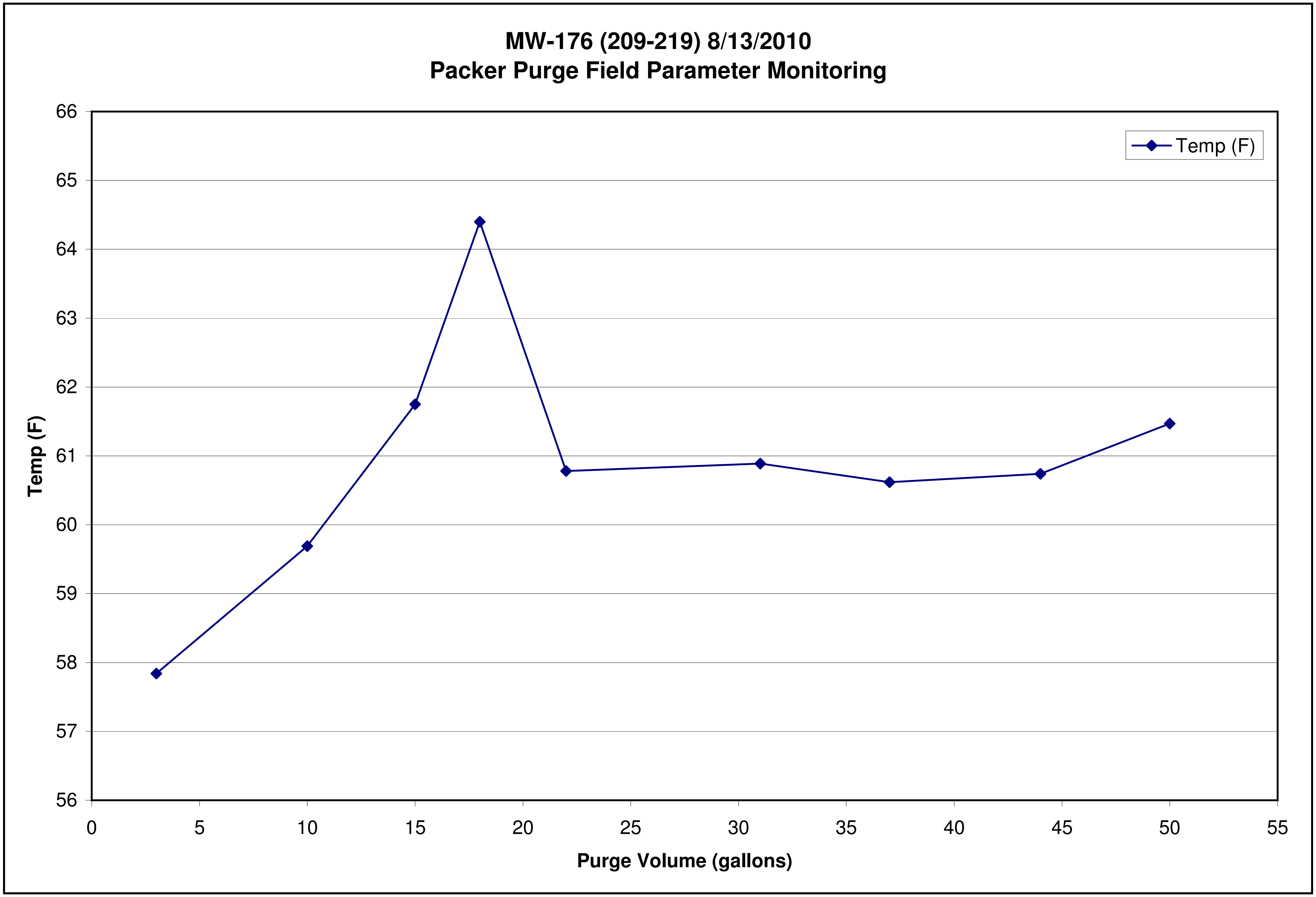


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

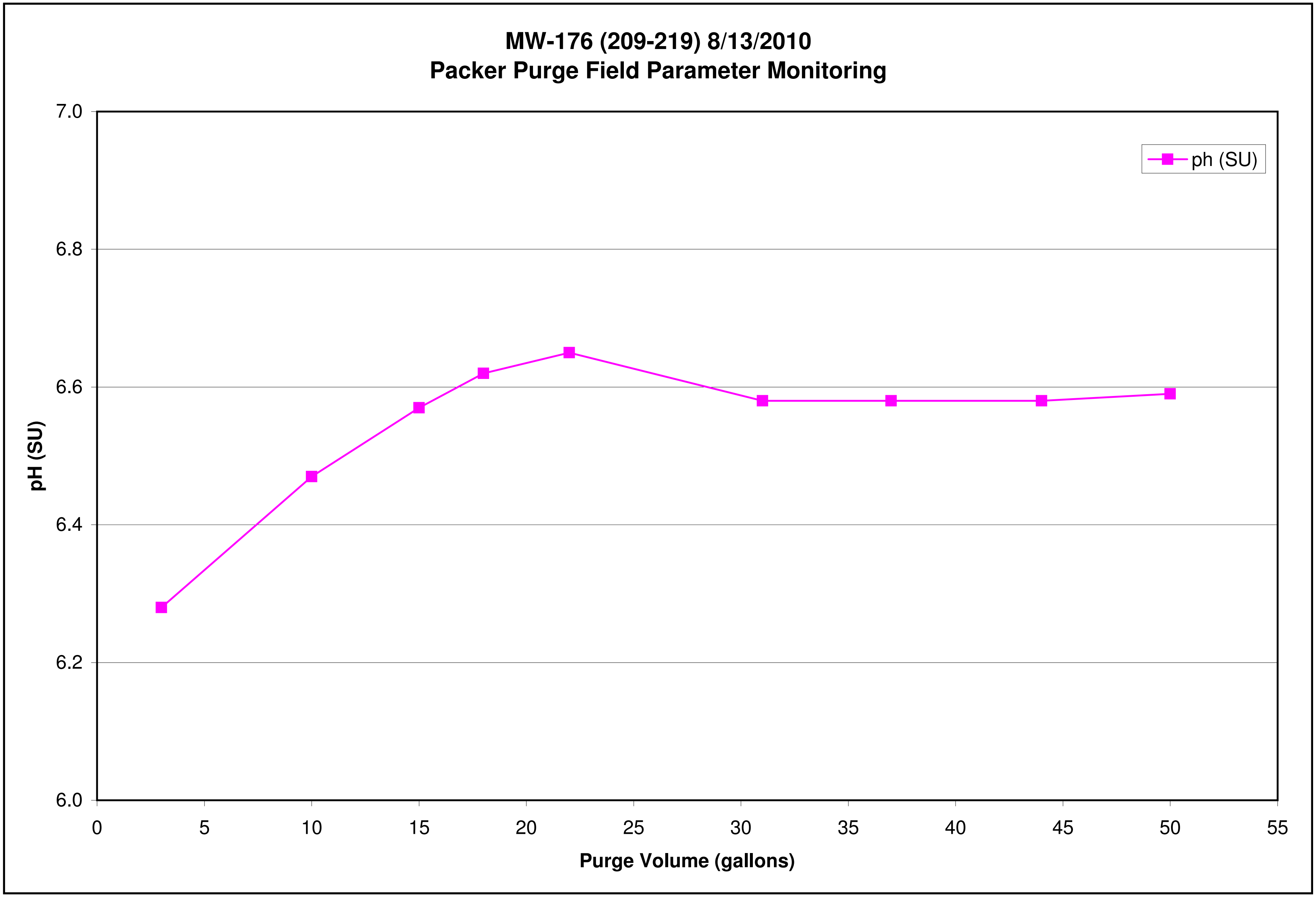
MW-176
209-219
8/13/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1135	1	3	57.84	6.28	4.73	0.803	116.90
1140	1	10	59.69	6.47	5.33	0.781	109.0
1145	1	15	61.75	6.57	-	0.791	116.6
1150	0.75	18	64.40	6.62	7.33	0.826	116.6
1155	1.25	22	60.78	6.65	3.16	0.825	67.7
1200	1.25	31	60.89	6.58	3.01	0.820	59.9
1205	1.25	37	60.62	6.58	8.93	0.820	56.3
1210	1.5	44	60.74	6.58	8.80	0.824	51.5
1212	-	50	61.47	6.59	4.40	0.828	48.0

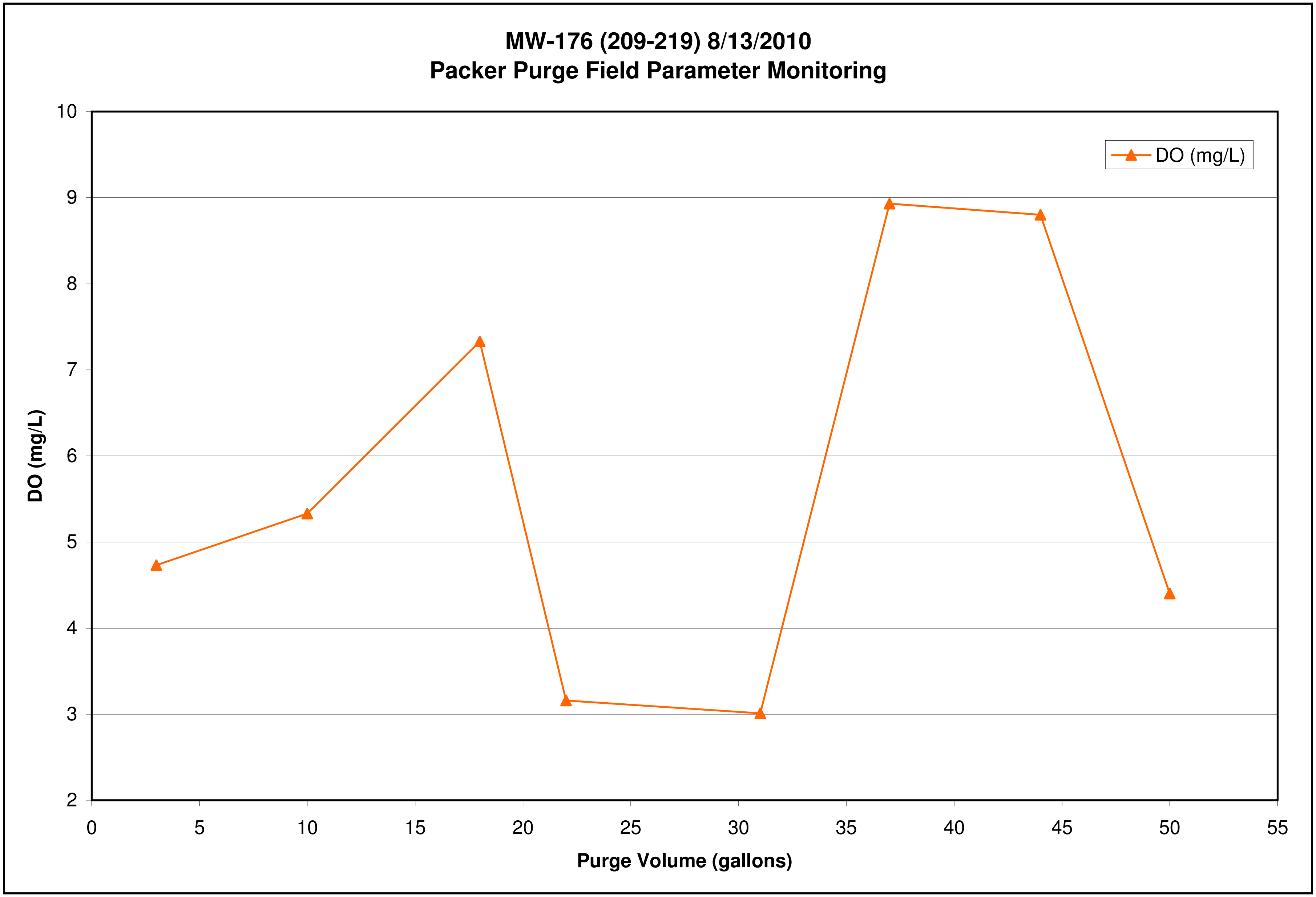
Notes:
- Calculated target purge volume = 54.12 gallons
- Packer interval purged dry at 52 gallons
- Samples collected after 52 gallons purged



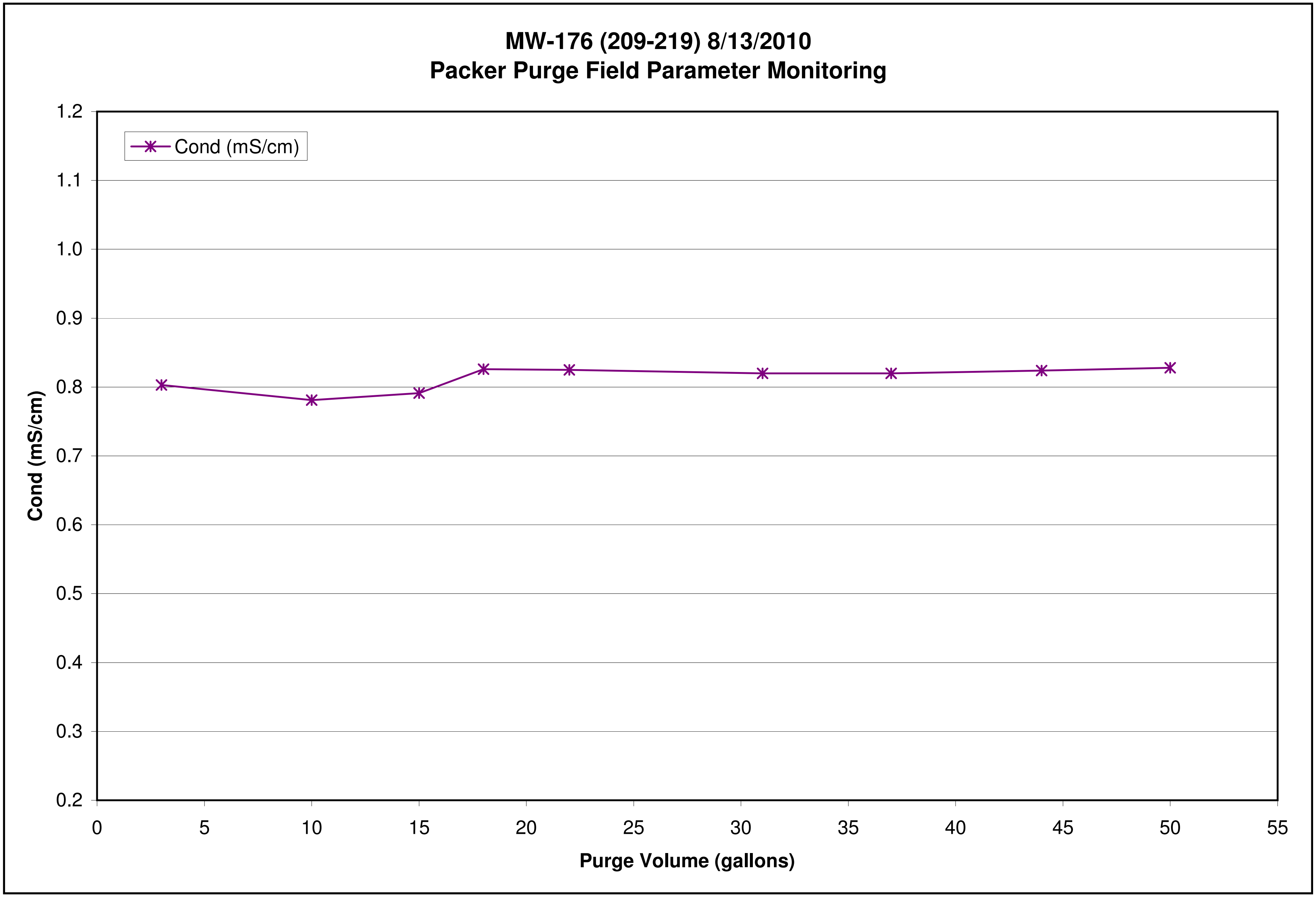
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



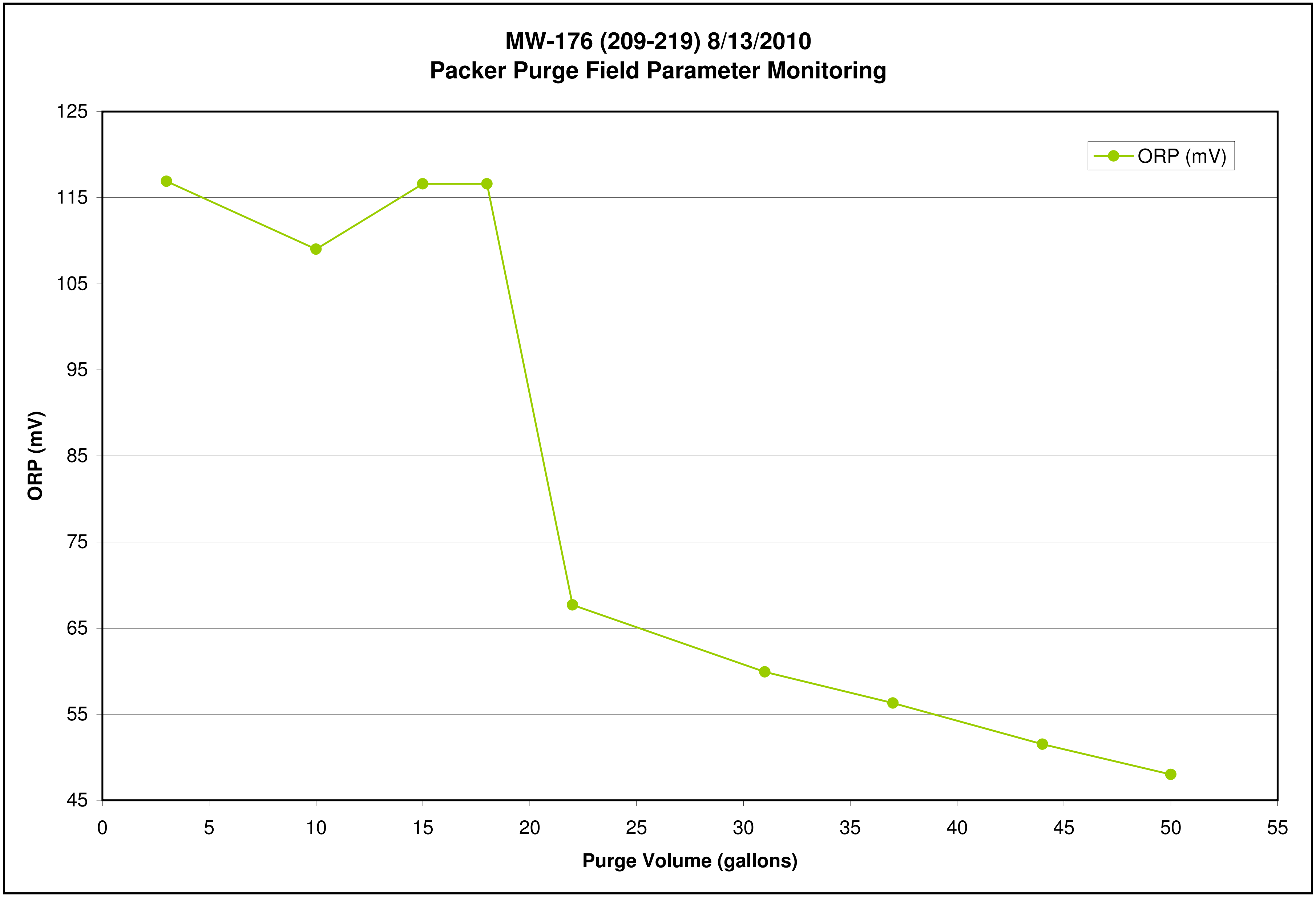
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



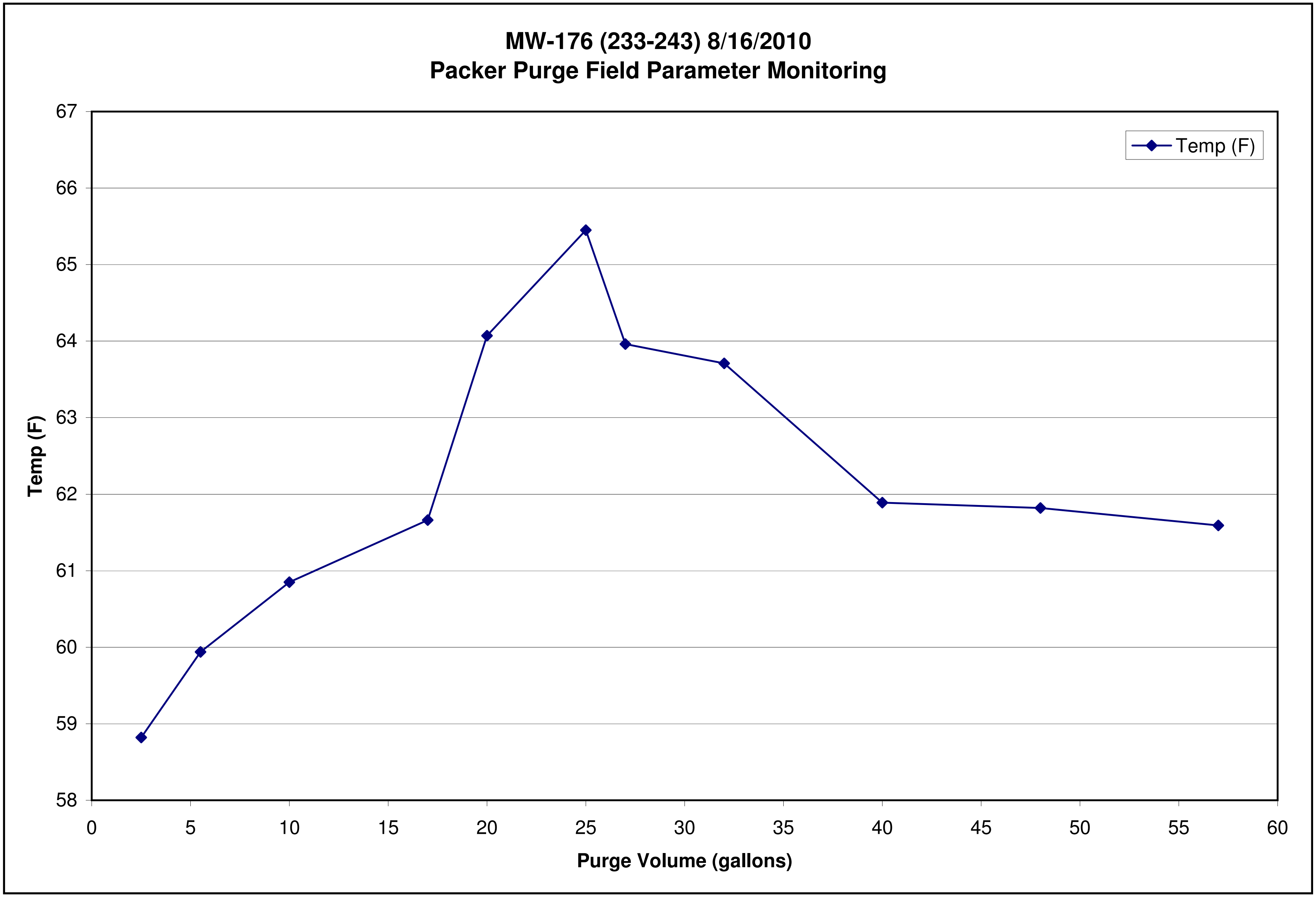
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-176
233-243
8/16/2010

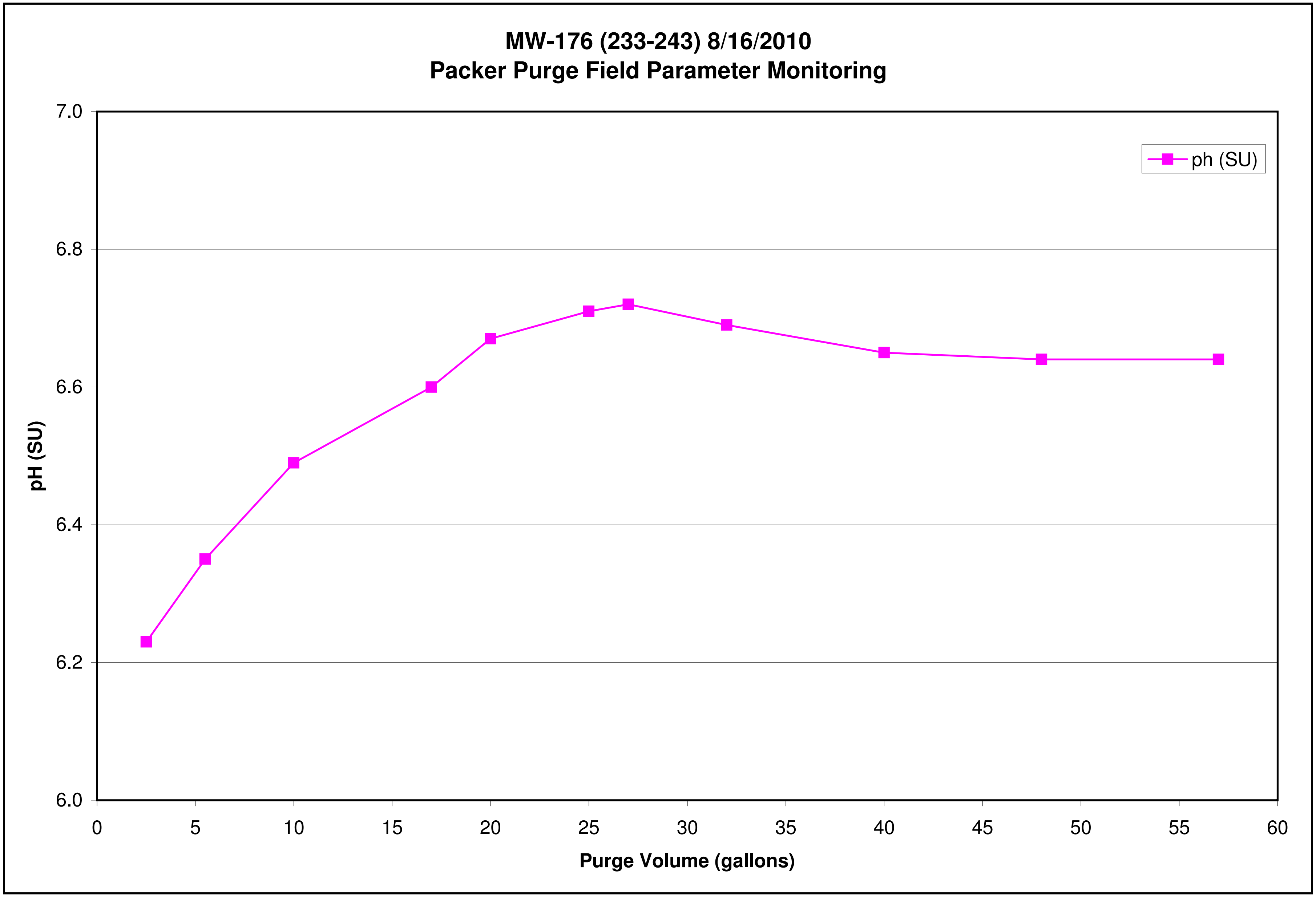
Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1232	1.25	2.5	58.82	6.23	7.19	0.838	44.60
1235	1	5.5	59.94	6.35	9.51	0.863	41.3
1240	1	10	60.85	6.49	6.08	0.864	65.3
1245	1	17	61.66	6.60	6.19	0.868	80.4
1250	0.66	20	64.07	6.67	5.63	0.897	82.7
1253	-	25	65.45	6.71	5.01	0.894	78.1
1255	1	27	63.96	6.72	4.58	0.876	79.4
1300	1	32	63.71	6.69	7.35	0.899	39.0
1305	1.5	40	61.89	6.65	6.22	0.882	36.1
1310	1.5	48	61.82	6.64	8.77	0.884	34.8
1315	1.5	57	61.59	6.64	3.39	0.884	33.3

Notes:
- Calculated target purge volume = 57.1 gallons
- Packer interval purged dry at 62 gallons
- Samples collected after 62 gallons purged

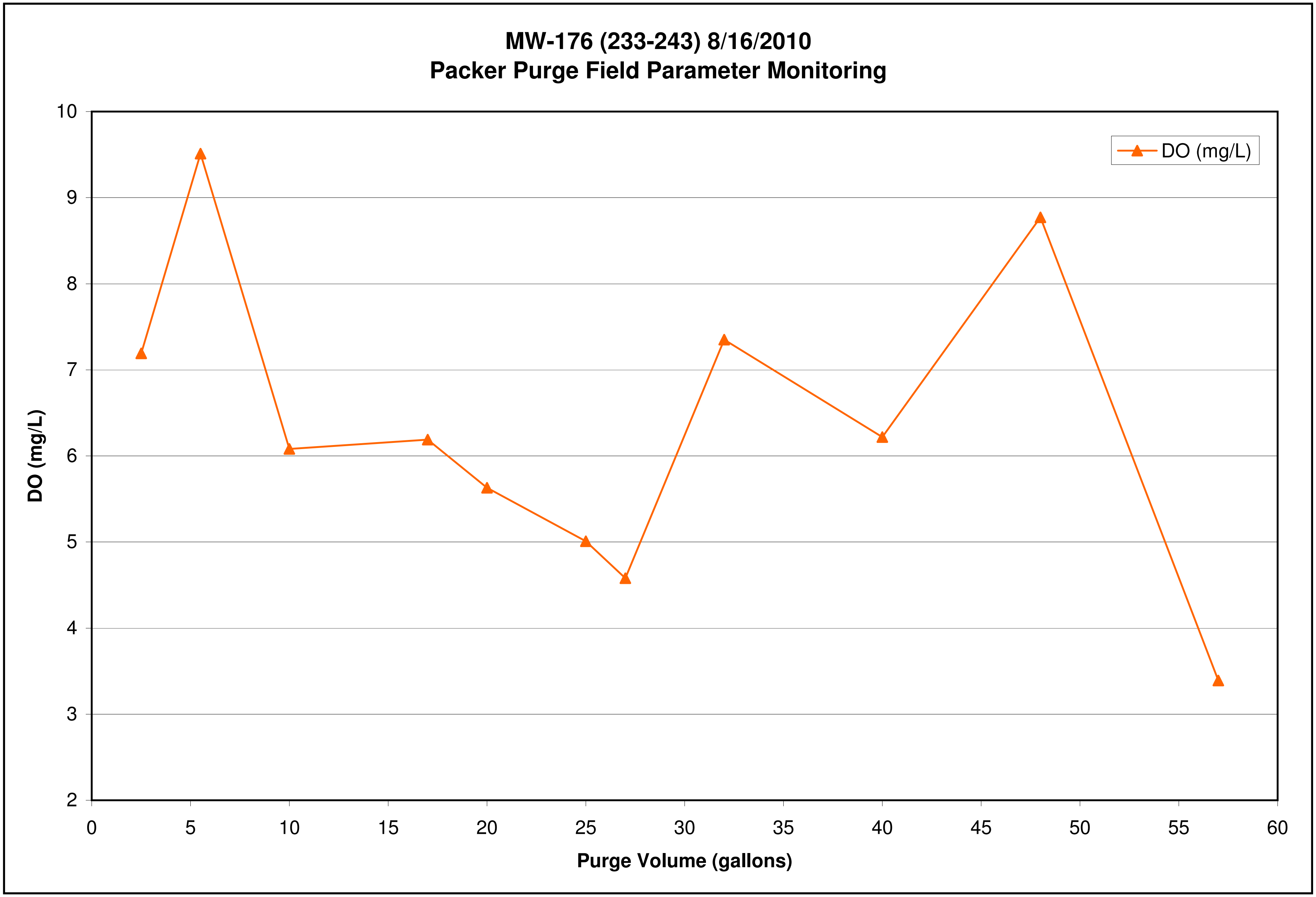
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



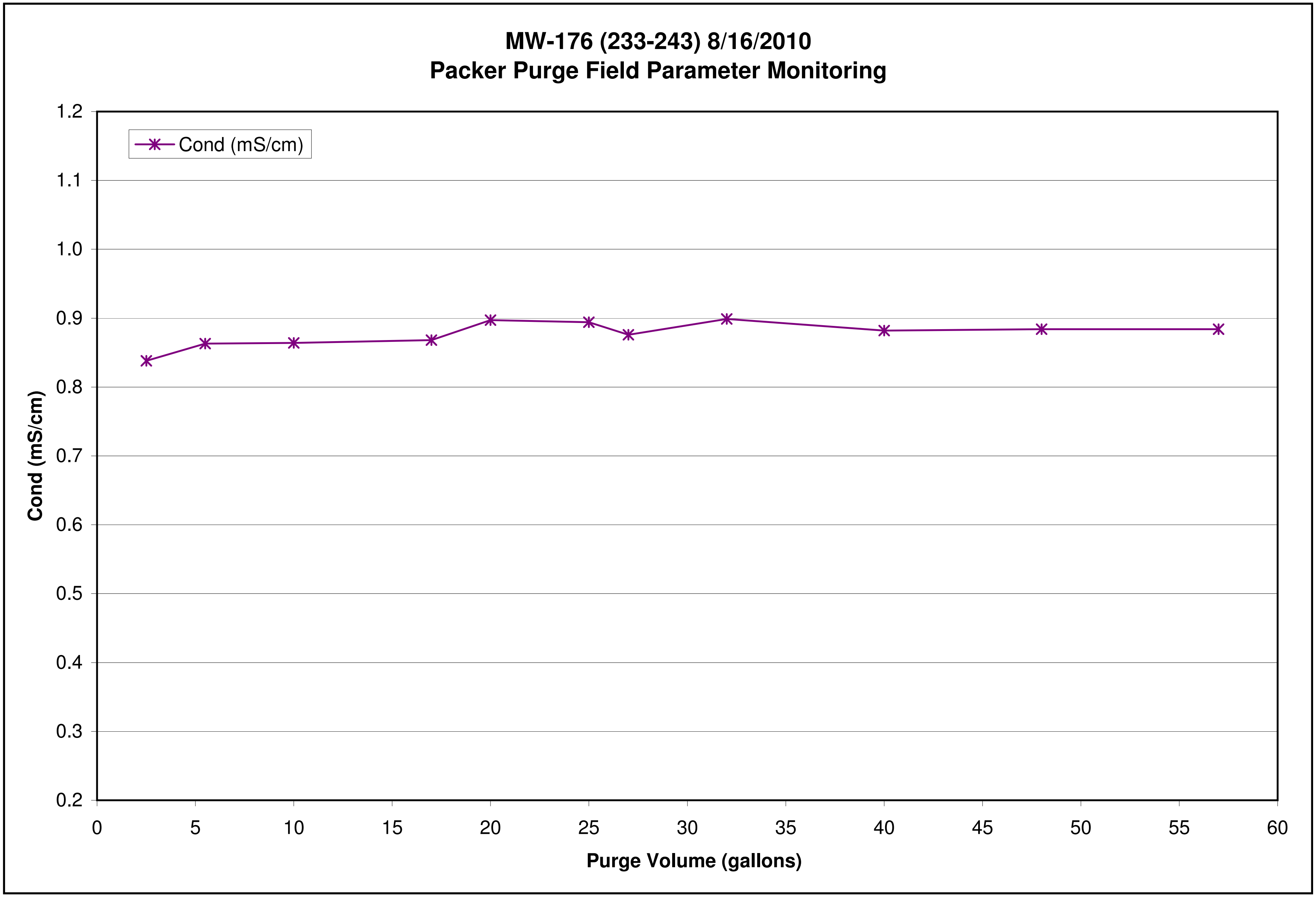
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



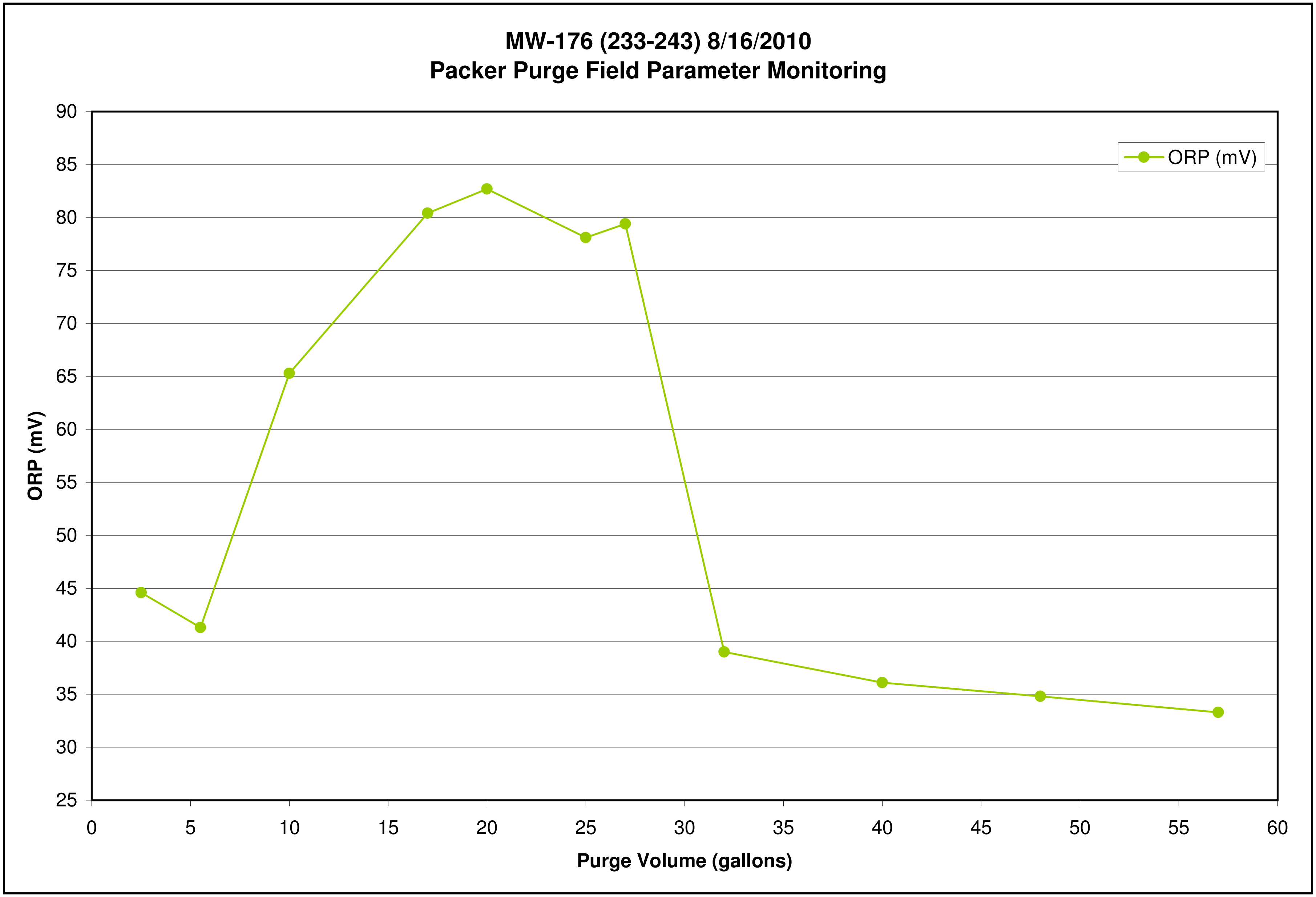
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



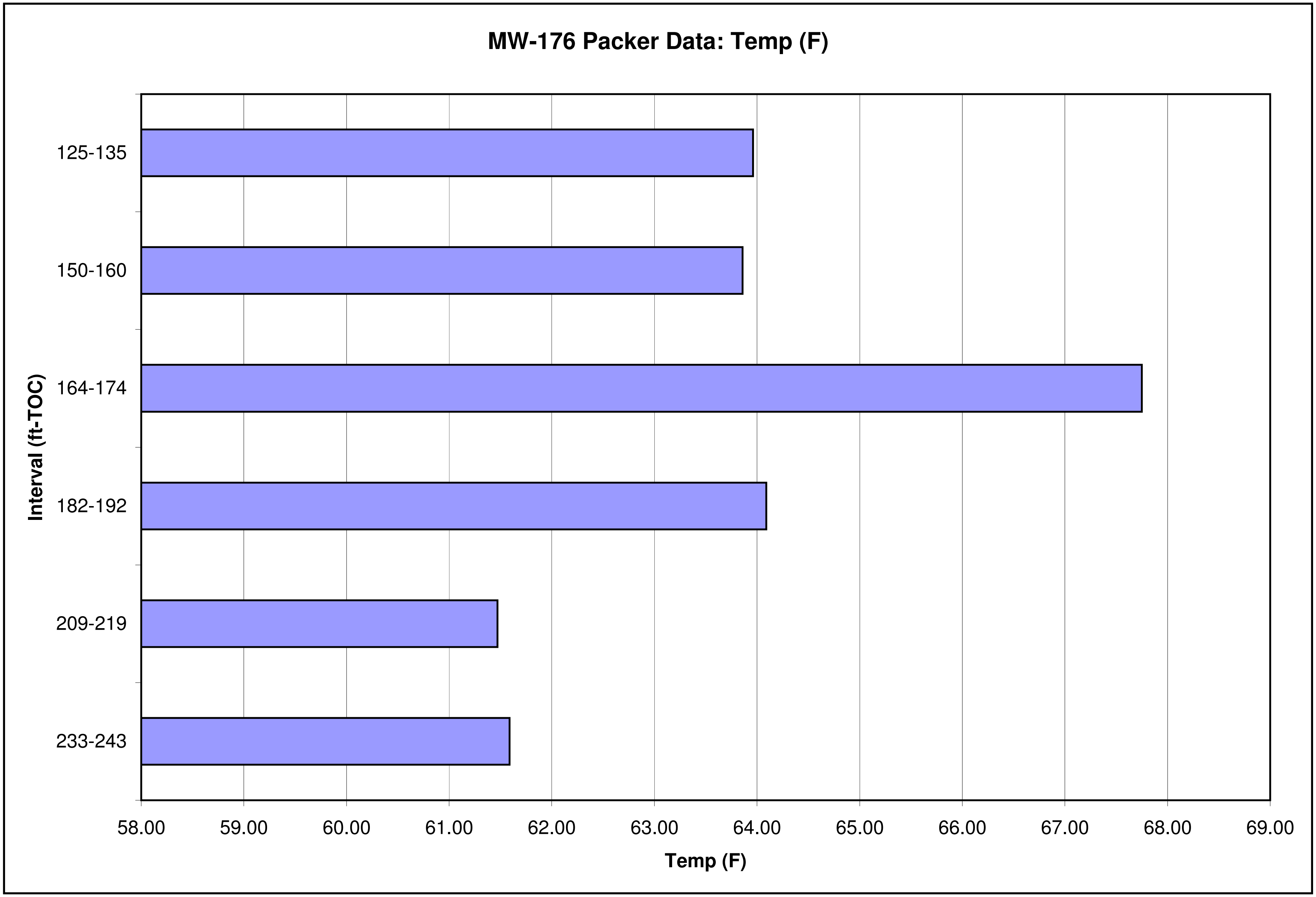
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



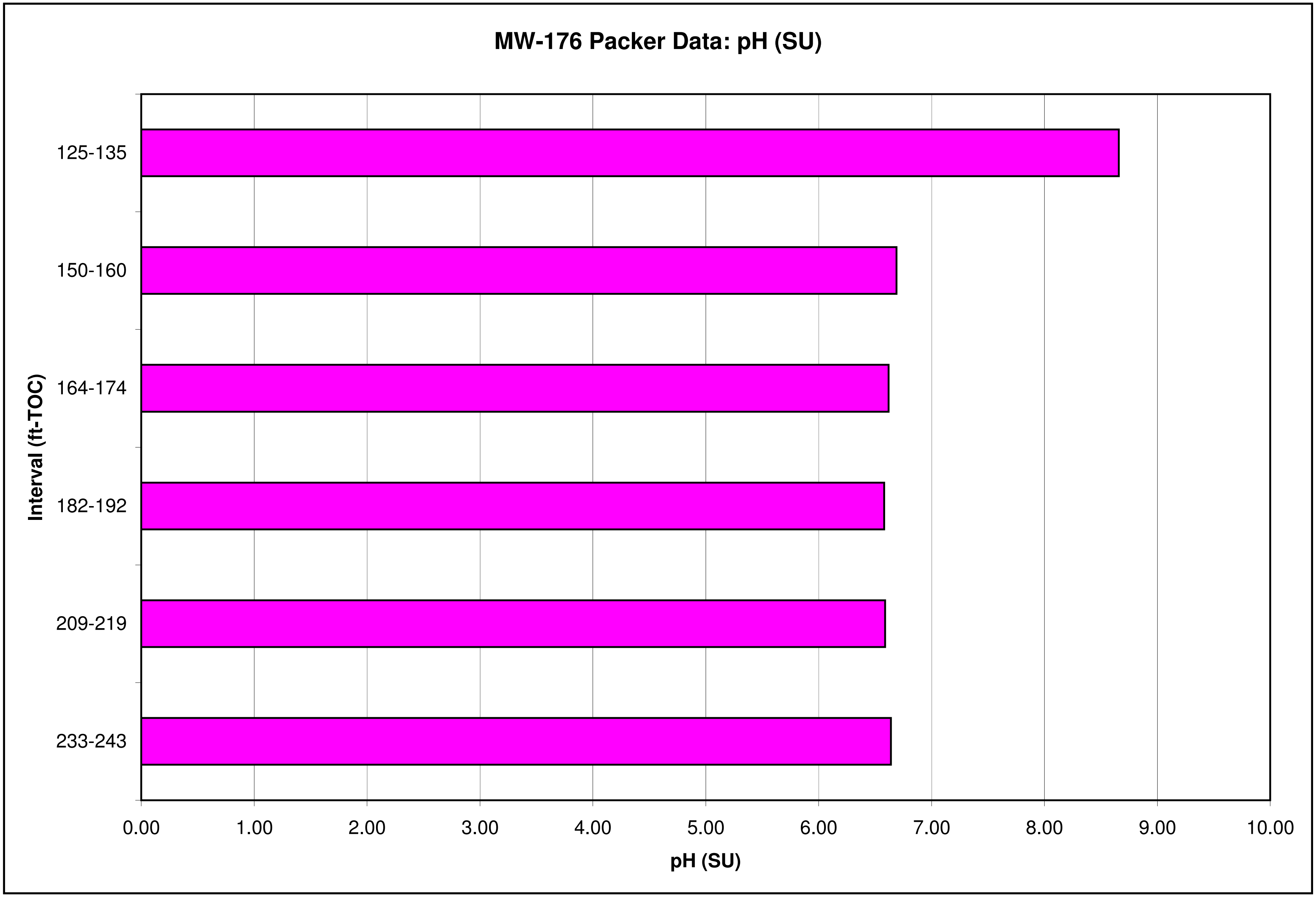
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



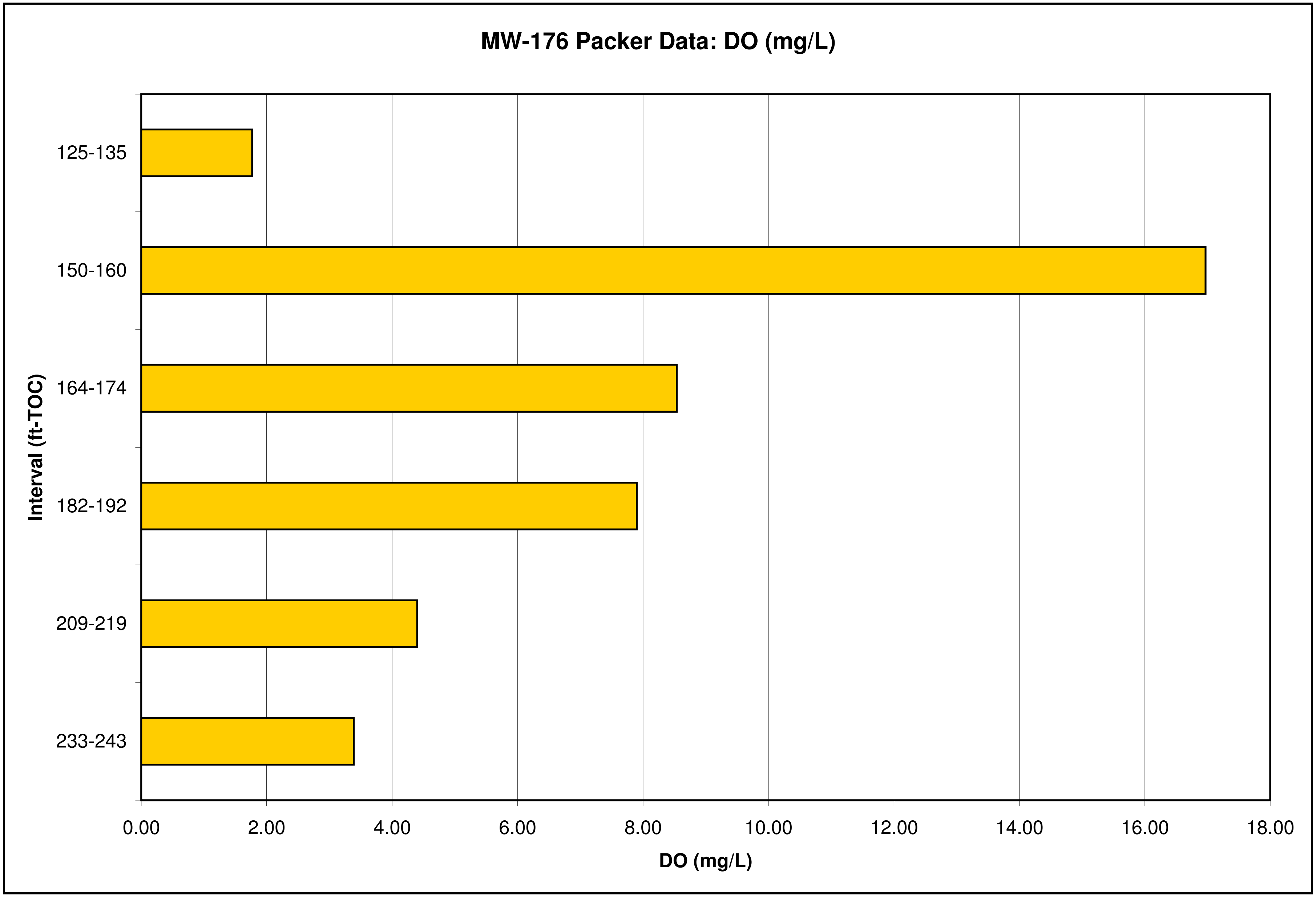
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



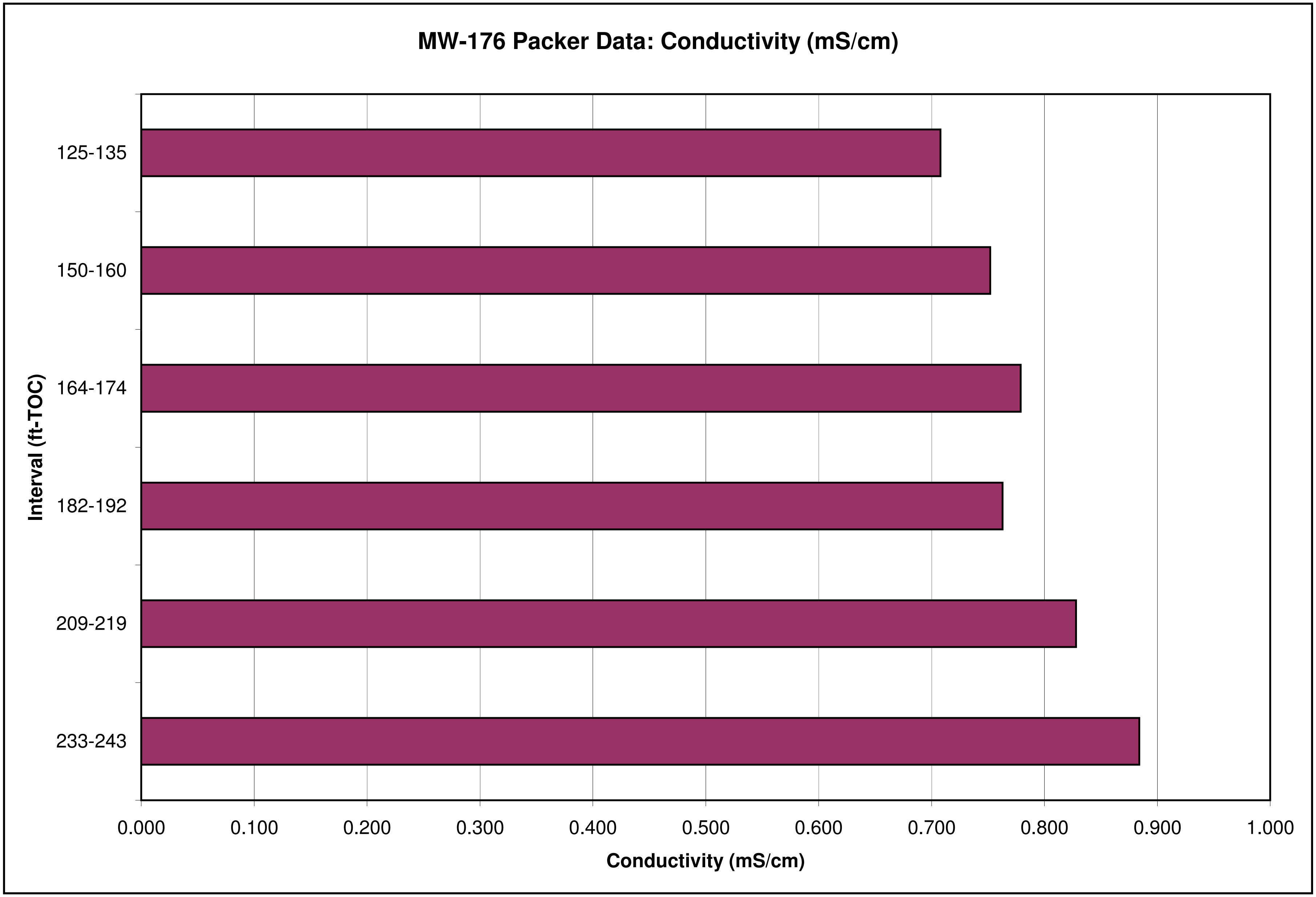
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



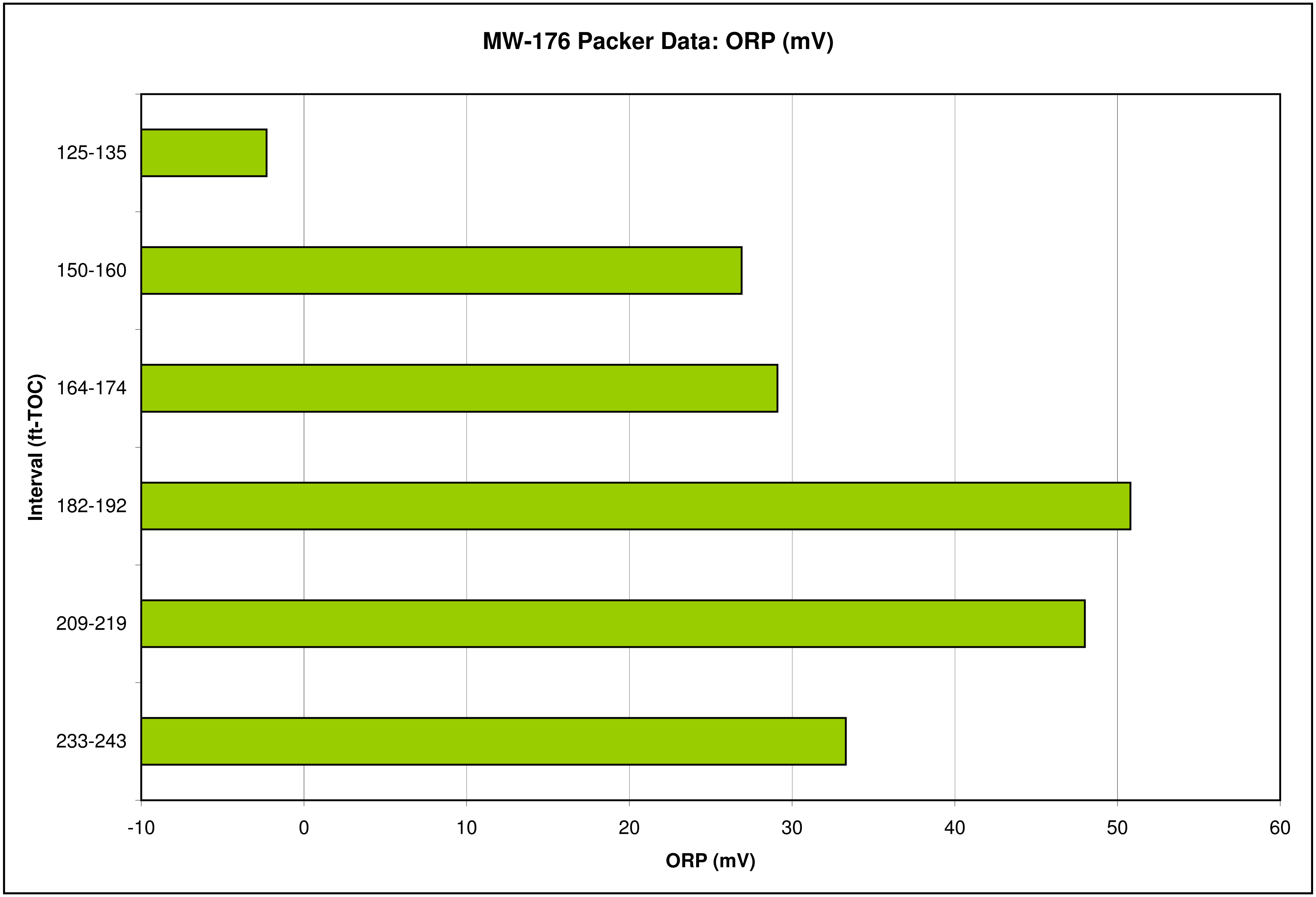
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



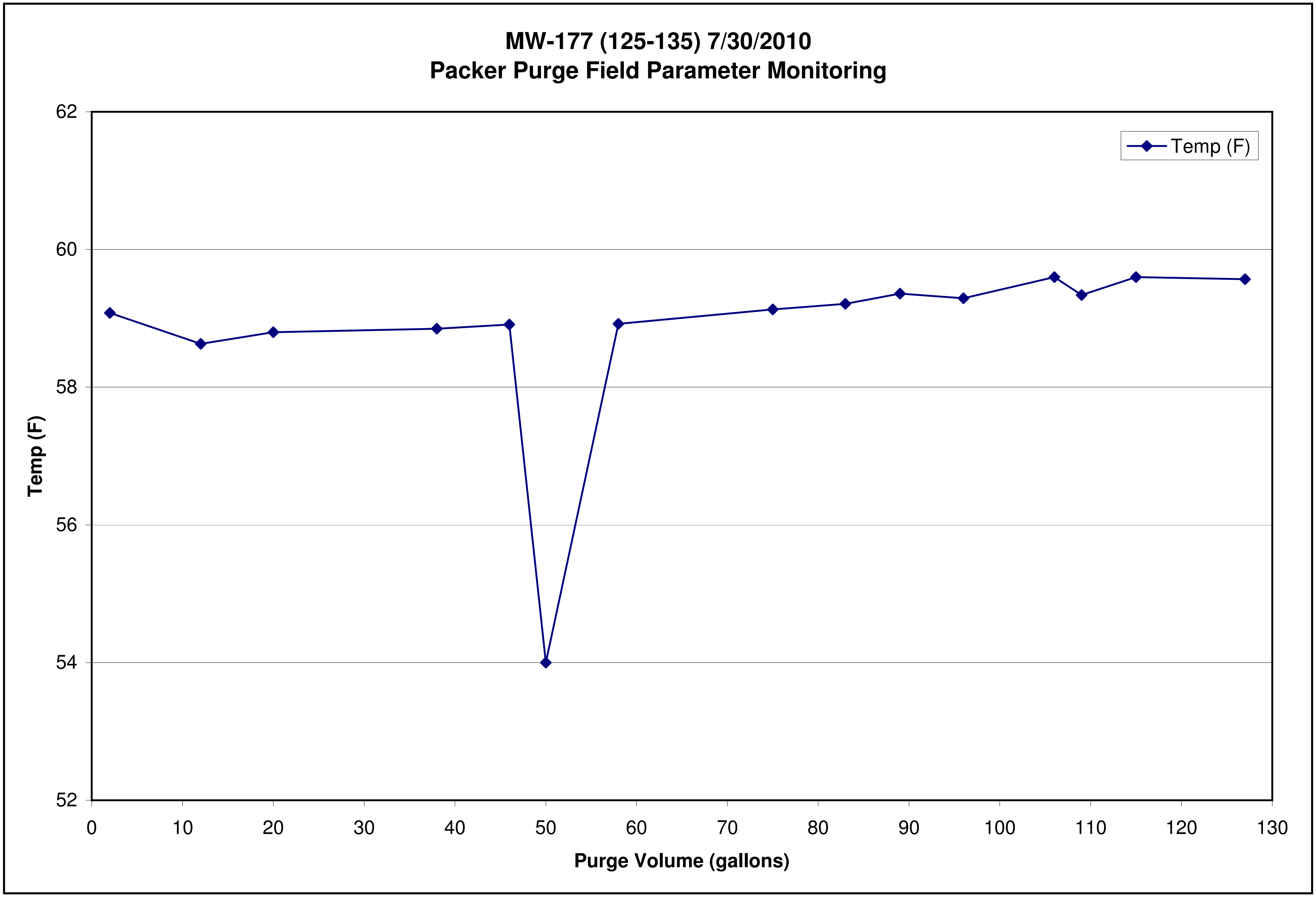
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-177
125-135
7/30/2010

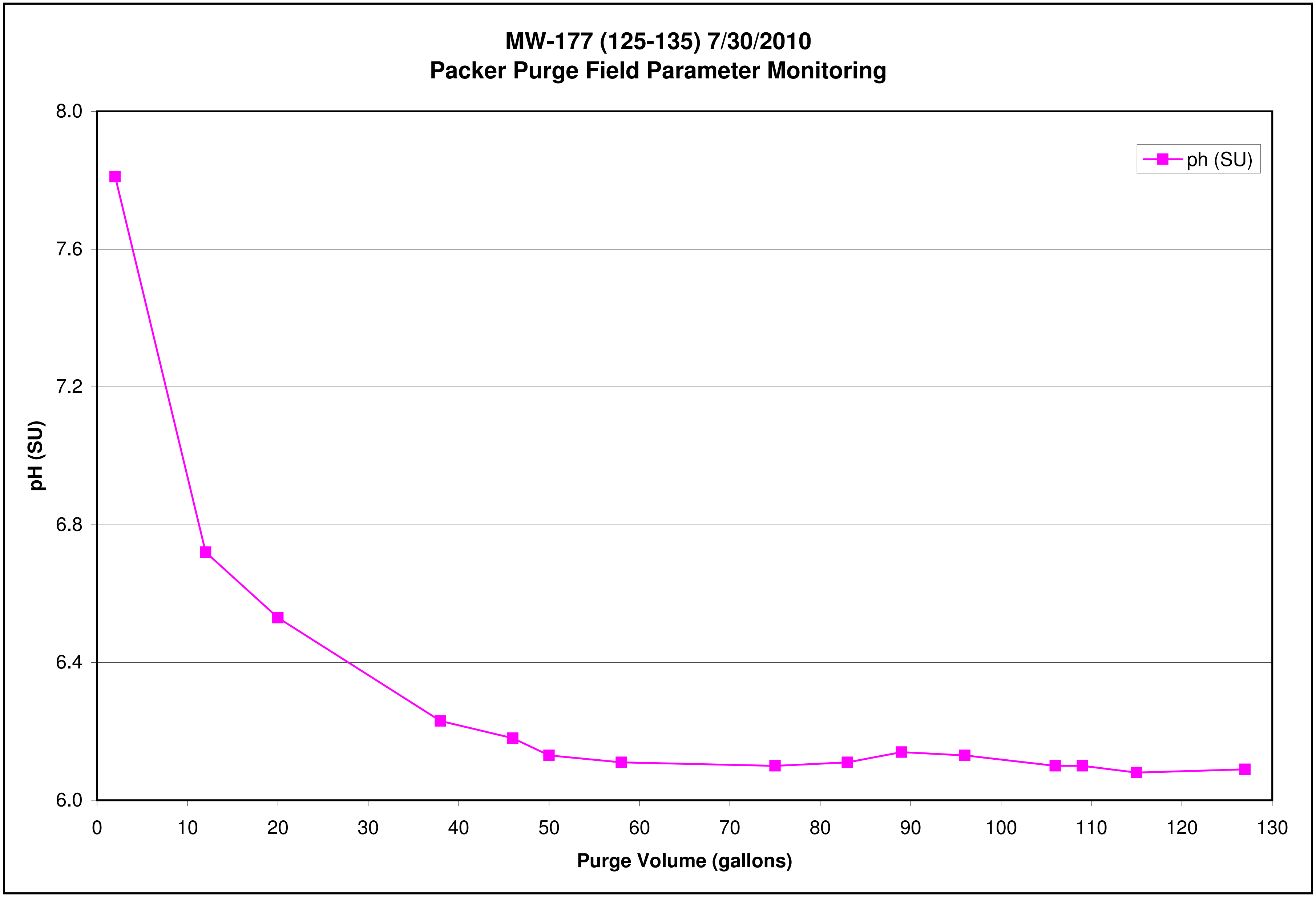
Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
0949	1.5	2	59.08	7.81	4.68	0.315	1476.5
0955	1.5	12	58.63	6.72	2.43	0.271	97.0
1000	1.5	20	58.80	6.53	3.77	0.260	98.0
1010	1.5	38	58.85	6.23	4.95	0.262	110.6
1015	1.5	46	58.91	6.18	5.38	0.274	113.0
1020	1.5	50	54.00	6.13	5.06	0.283	114.6
1025	1.5	58	58.92	6.11	4.00	0.285	108.1
1035	1.5	75	59.13	6.1	4.74	0.290	103.3
1040	-	83	59.21	6.11	4.78	0.298	101.3
1045	1.25	89	59.36	6.14	4.84	0.306	99.6
1050	1.25	96	59.29	6.13	4.84	0.300	107.4
1056	-	106	59.60	6.10	4.68	0.302	109.2
1100	1	109	59.34	6.10	4.81	0.299	110.7
1105	1.25	115	59.60	6.08	4.90	0.301	111.4
1112	-	127	59.57	6.09	4.79	0.305	111.9

Notes:
- Calculated target purge volume = 42.11 gallons
- Samples collected after 41, 83, and 127 gallons purged

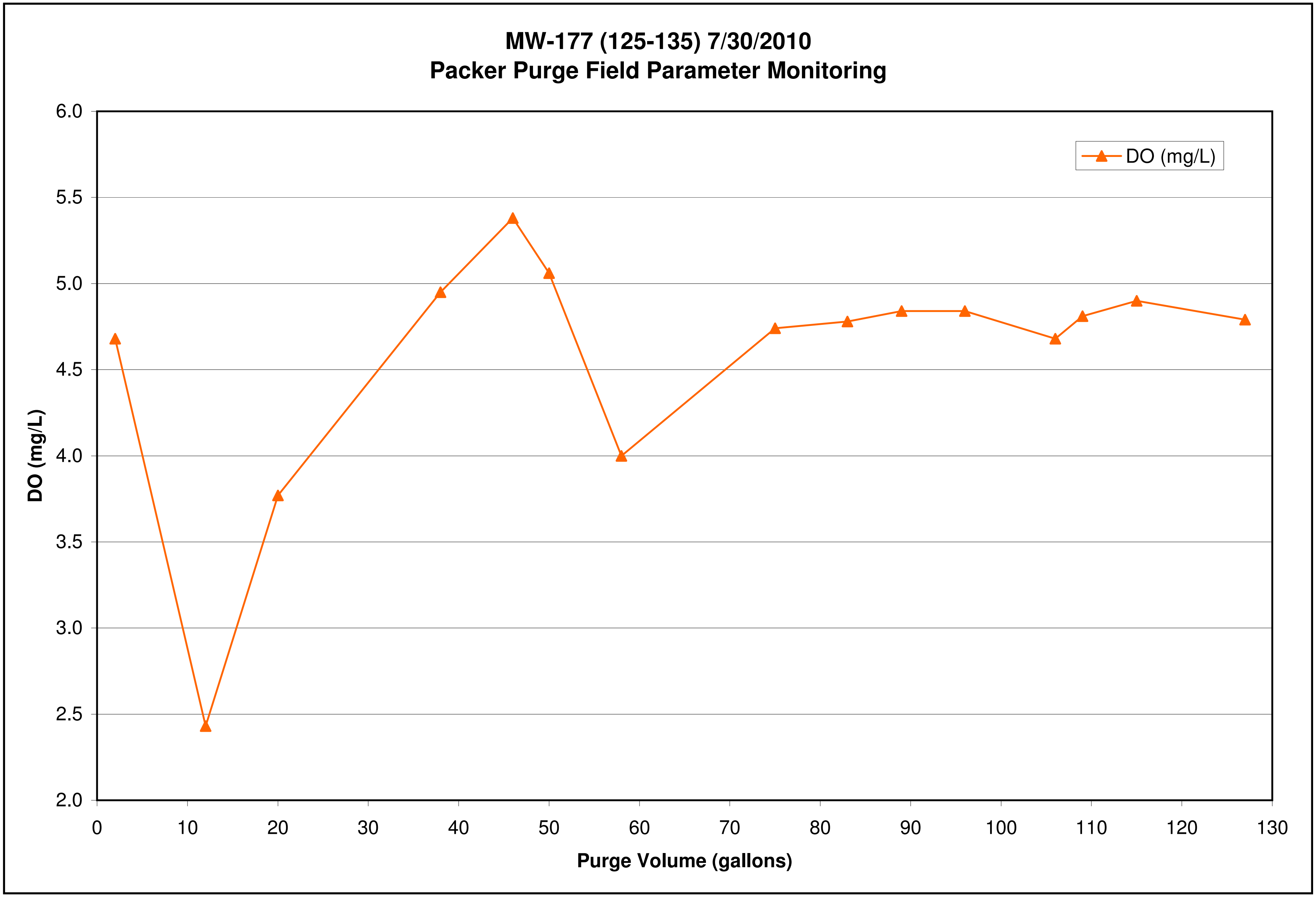
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



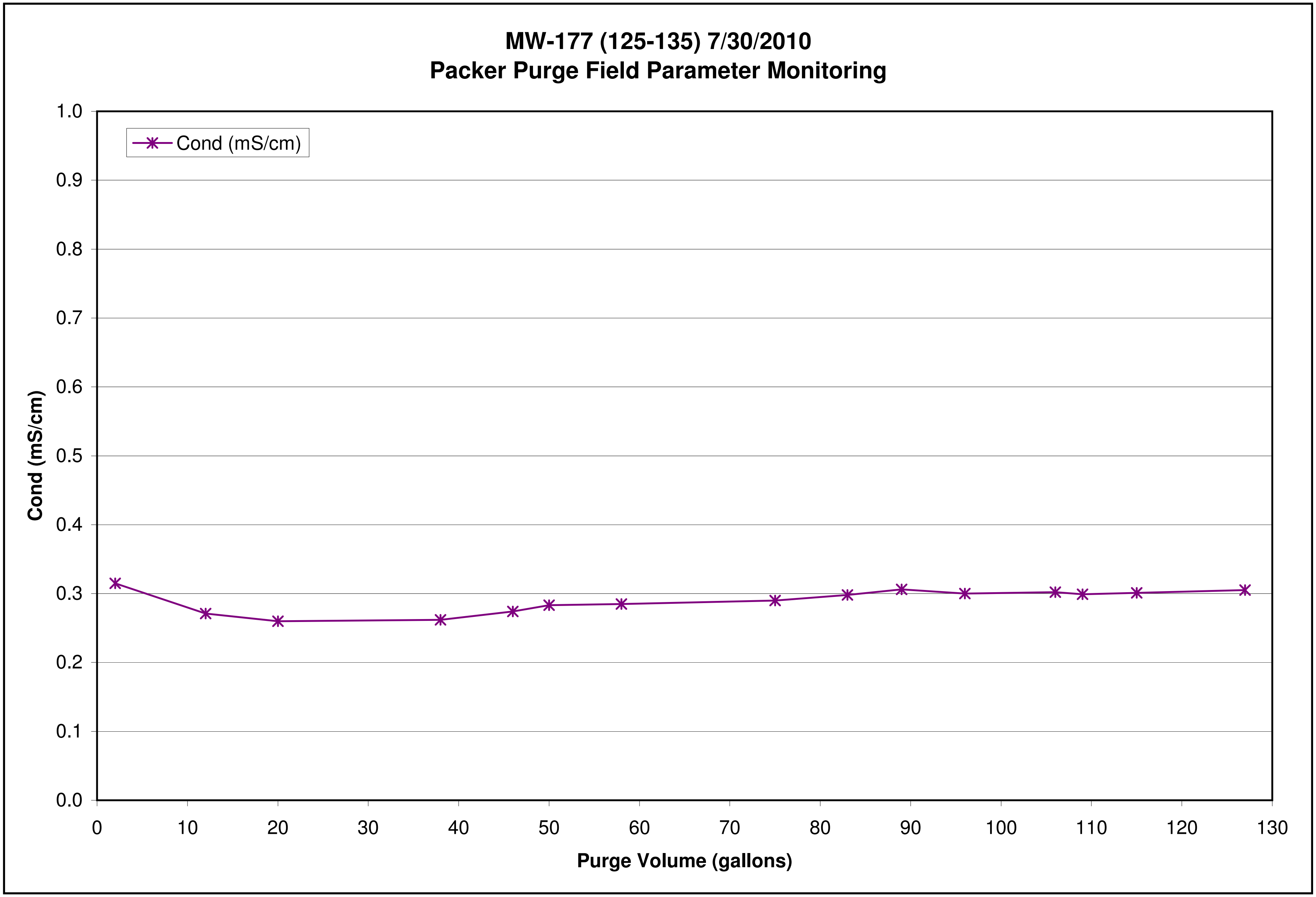
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



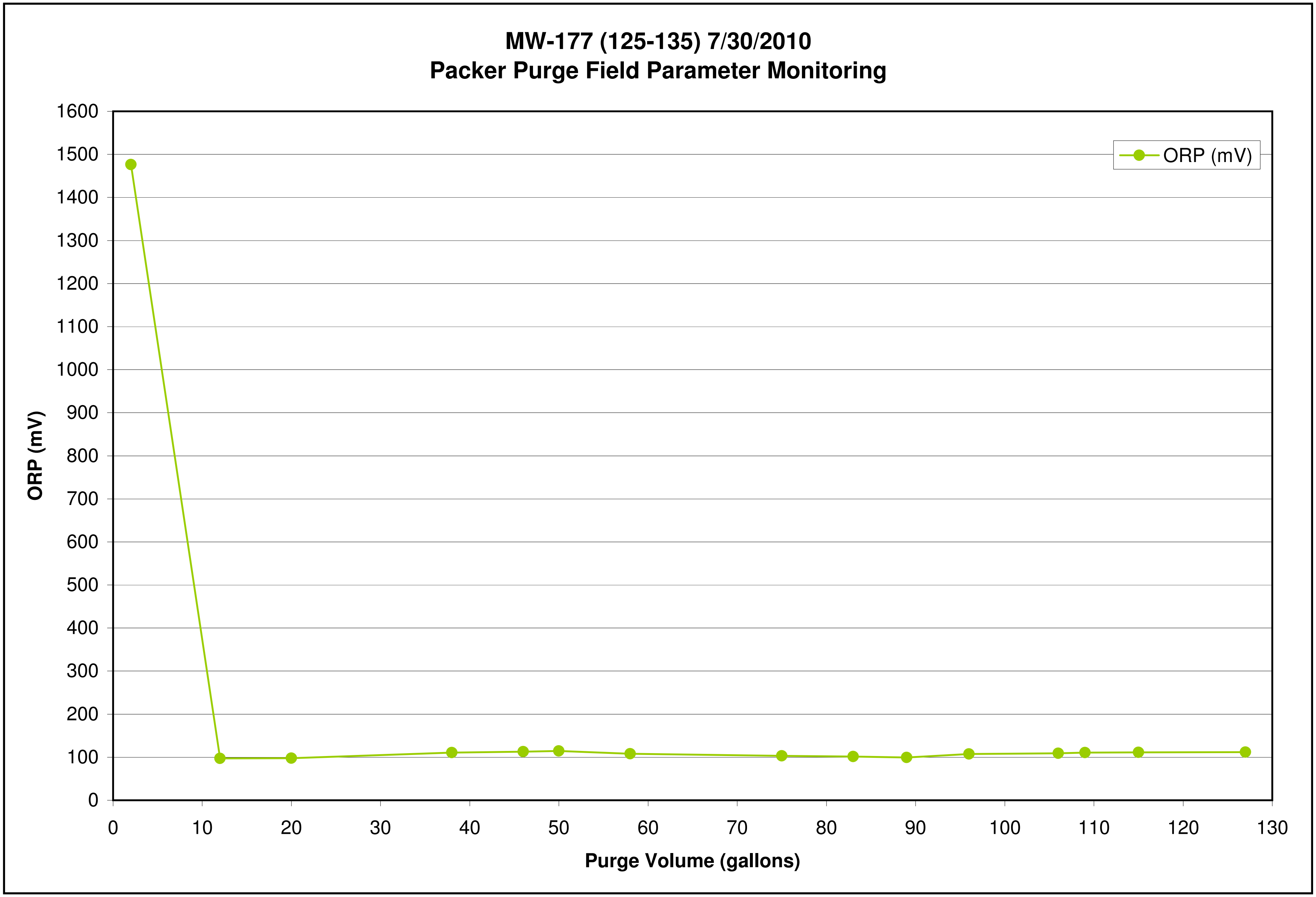
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



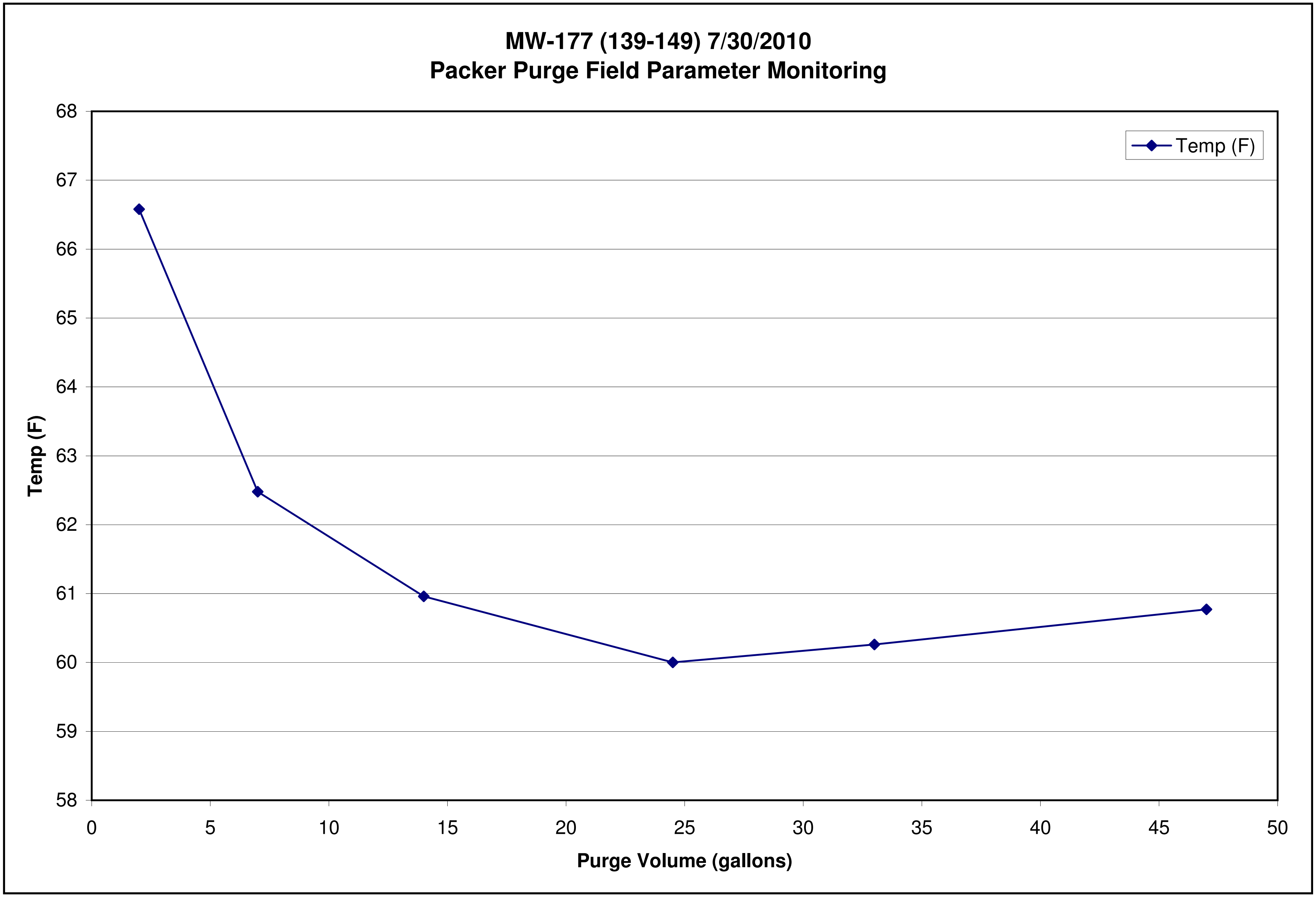
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-177
139-149
7/30/2010

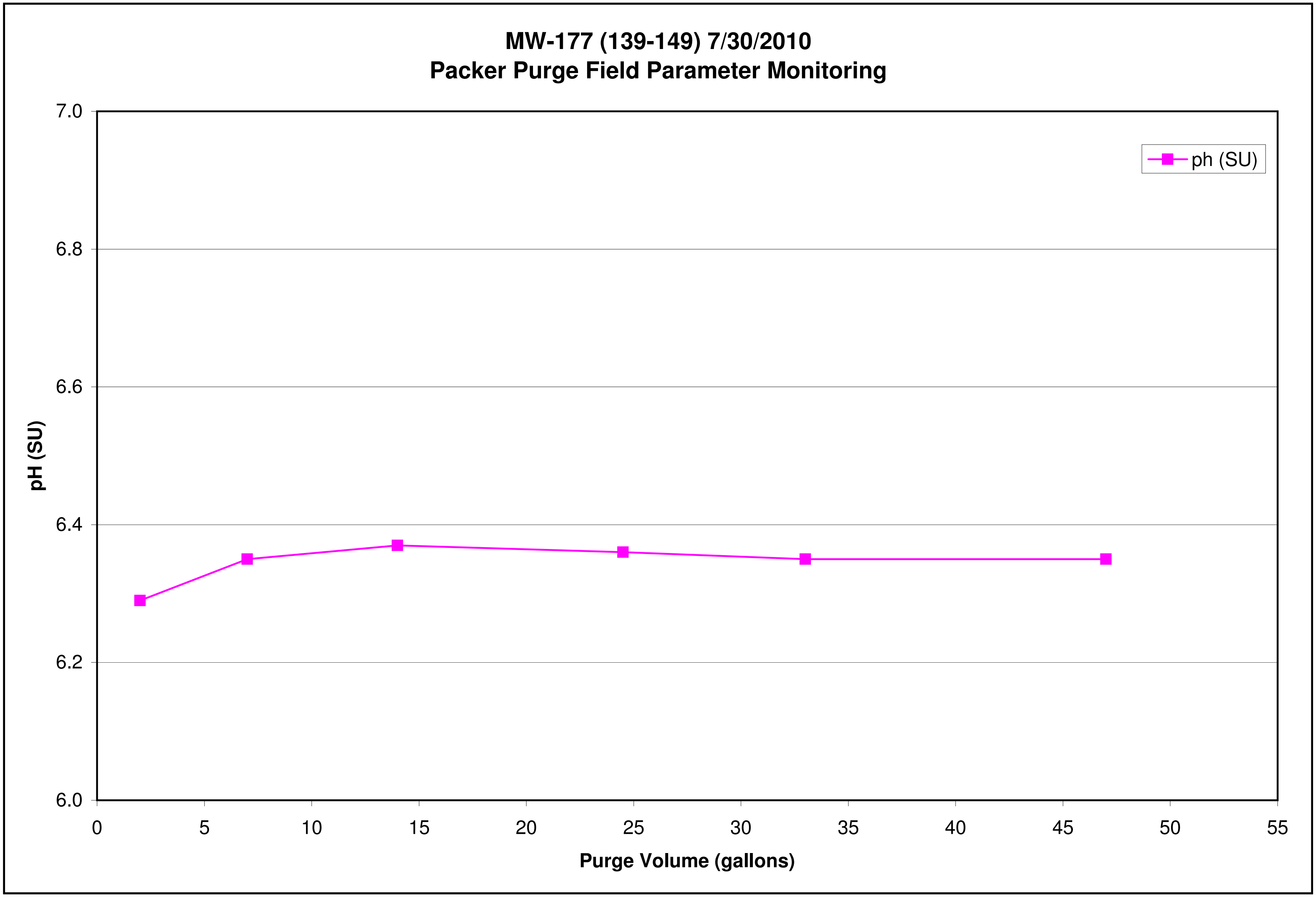
Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1450	1.25	2	66.58	6.29	18.94	0.379	41.0
1455	1	7	62.48	6.35	4.13	0.355	17.8
1500	1.5	14	60.96	6.37	1.65	0.372	17.0
1505	1.5	24.5	60.00	6.36	1.49	0.362	18.7
1510	1.5	33	60.26	6.35	1.50	0.370	20.3
1515	-	47	60.77	6.35	2.29	0.376	72.3

Notes:
- Calculated target purge volume = 44.87 gallons
- Packer interval purged dry at 47 gallons
- Samples collected after 47 gallons purged

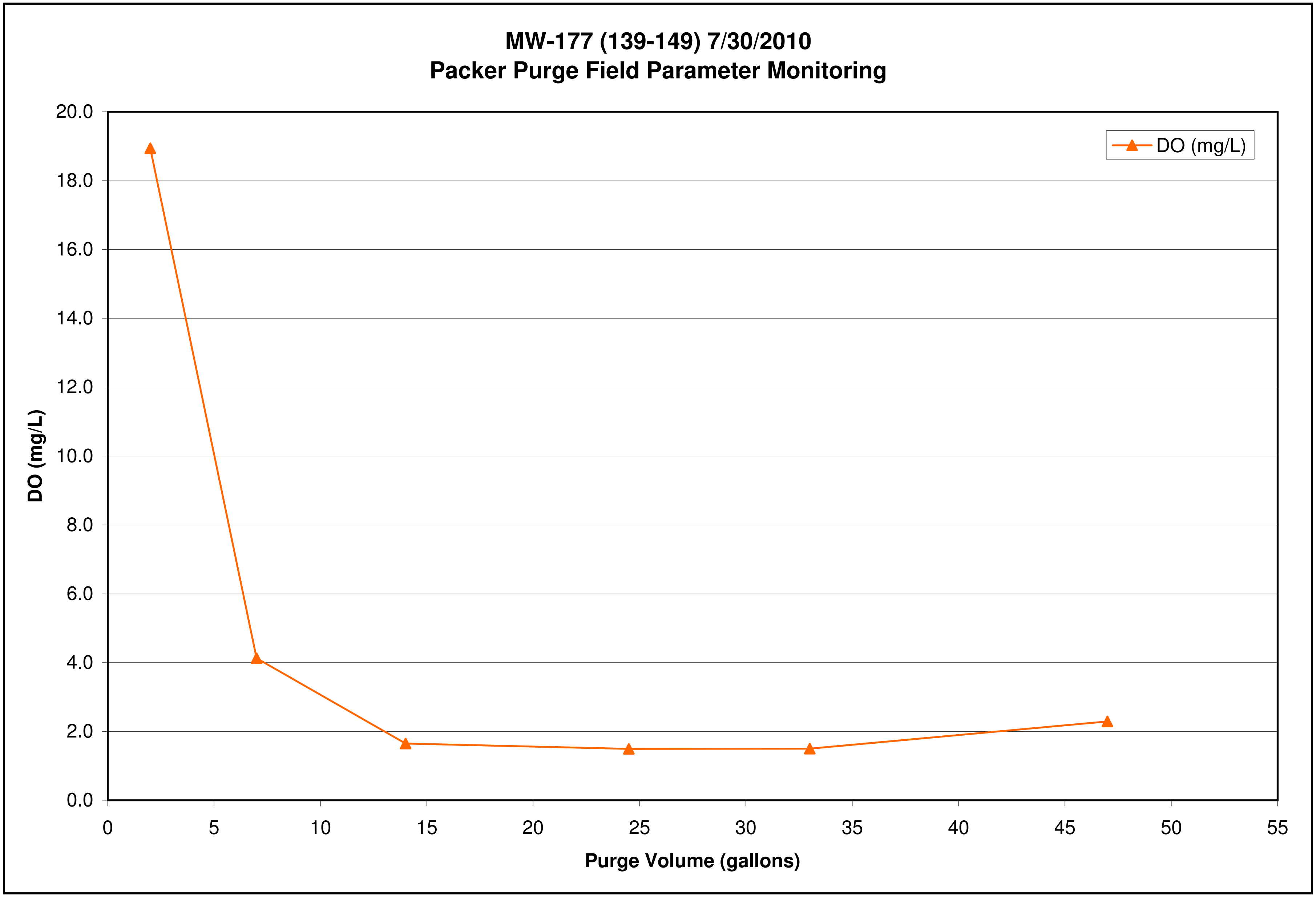
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



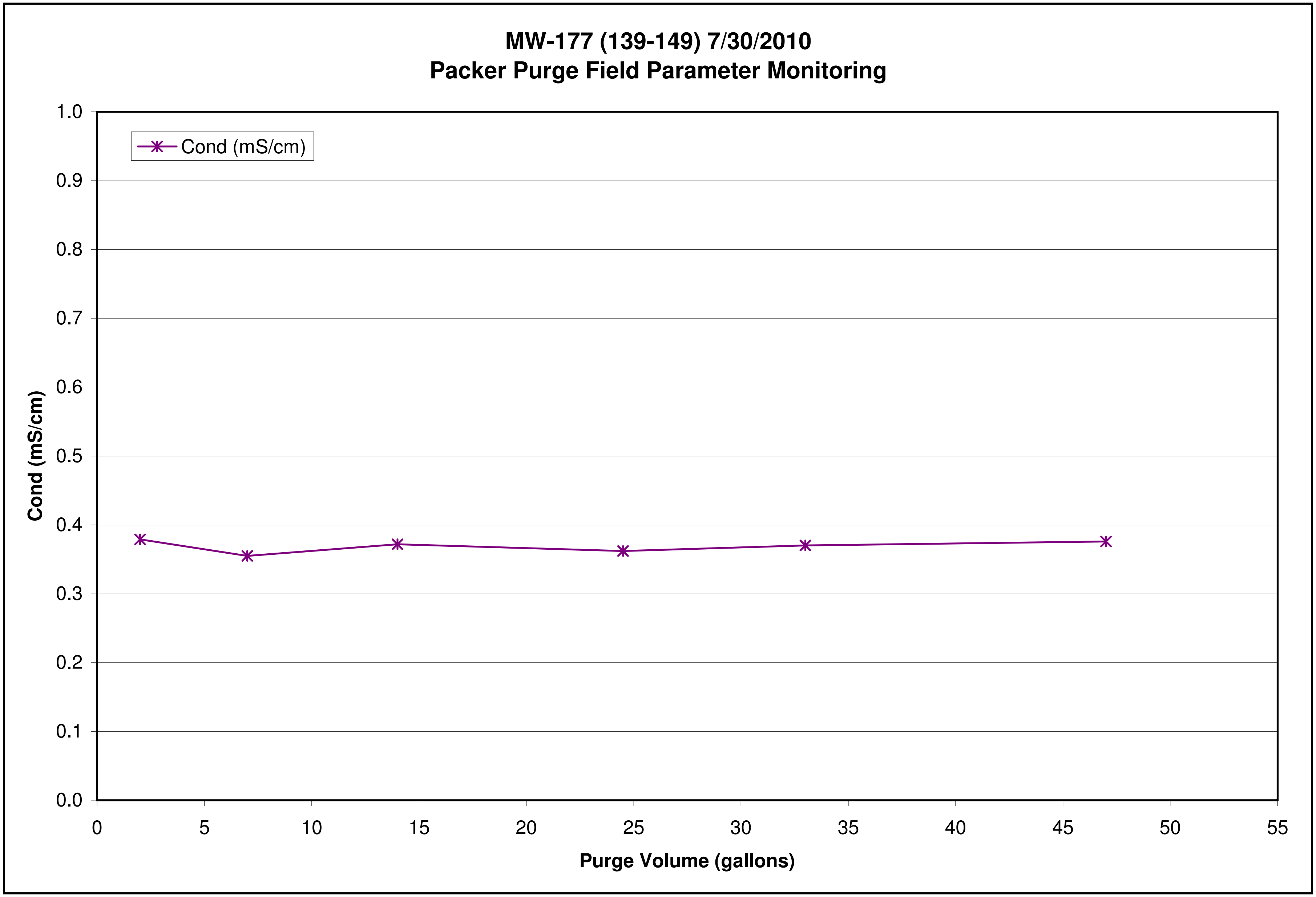
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



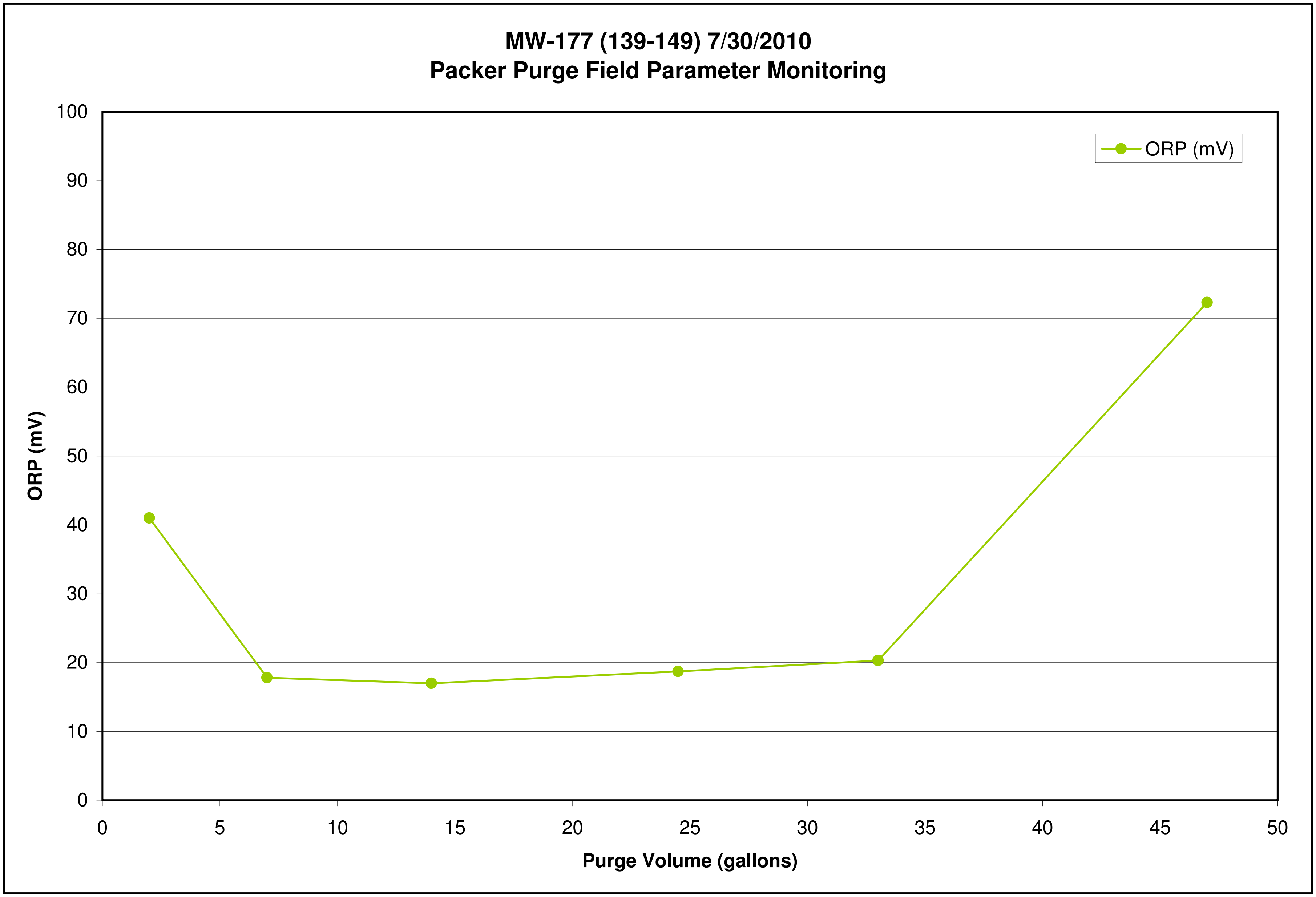
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



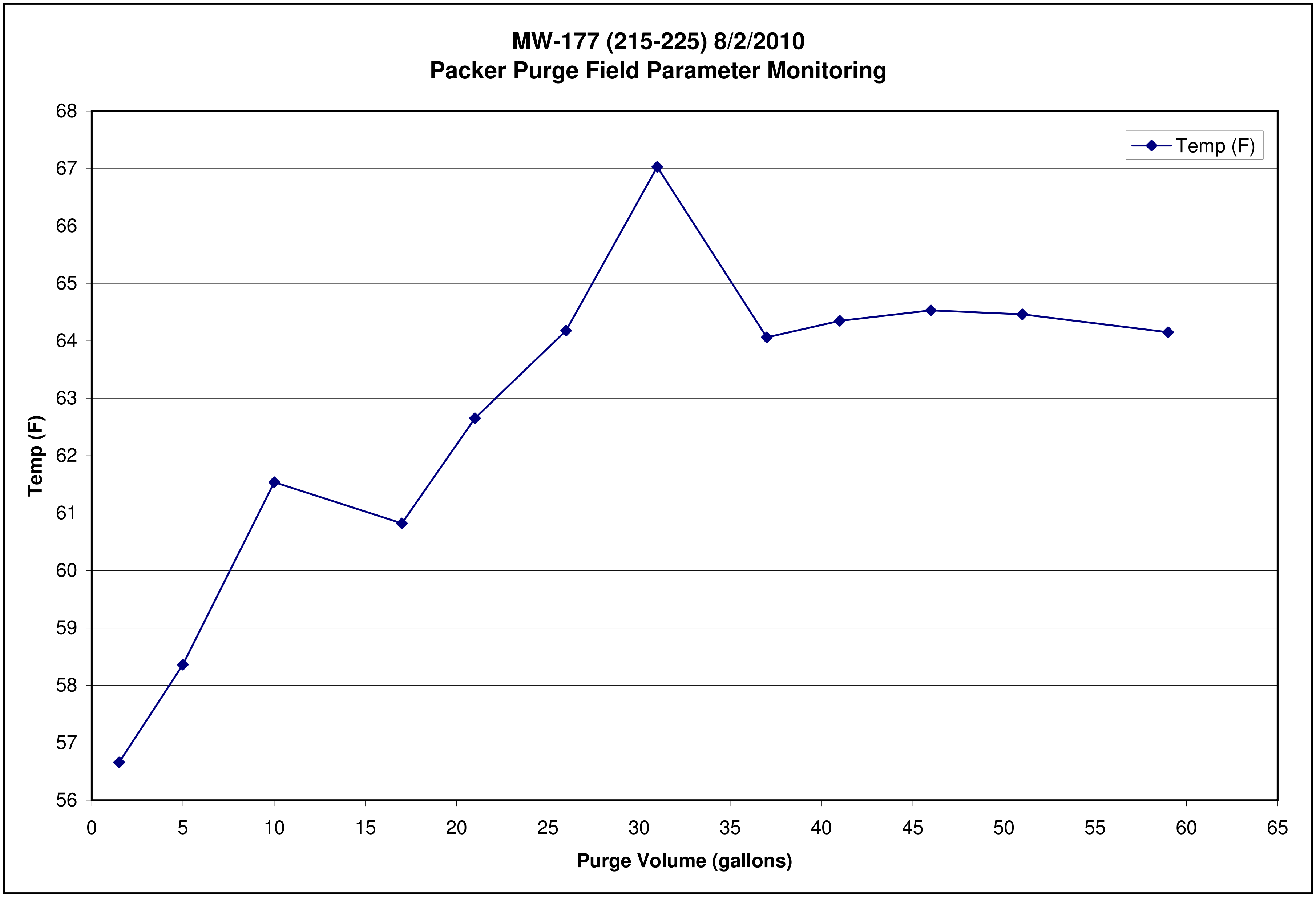
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-177
215-225
8/2/2010

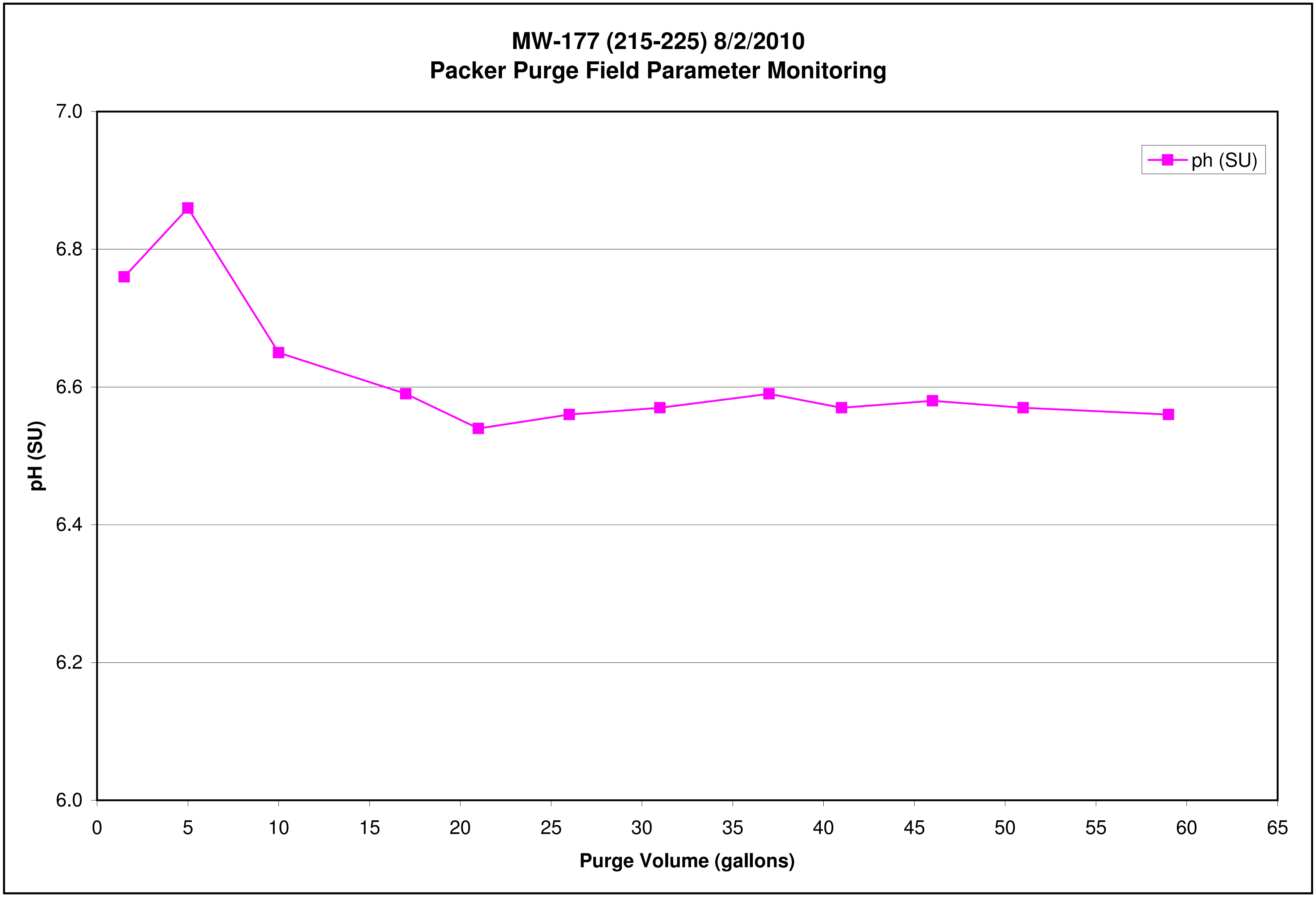
Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1316	1	1.5	56.66	6.76	0.83	0.31	81.6
1320	1	5	58.36	6.86	0.60	0.322	64.6
1325	0.75	10	61.54	6.65	0.71	0.345	60.8
1330	1	17	60.82	6.59	0.74	0.356	60.3
1335	-	21	62.65	6.54	0.44	0.395	65.7
1340	0.5	26	64.18	6.56	0.44	0.422	69.1
1345	1	31	67.03	6.57	0.81	0.404	59.1
1350	-	37	64.06	6.59	0.81	0.375	58.0
1355	1	41	64.35	6.57	0.69	0.378	59.2
1400	1	46	64.53	6.58	0.82	0.368	56.8
1405	1	51	64.46	6.57	1.04	0.36	55.9
1410	1	59	64.15	6.56	1.22	0.349	55.7

Notes:
- Calculated target purge volume = 58.86 gallons
- Packer interval purged dry at 59 gallons
- Samples collected after 59 gallons purged

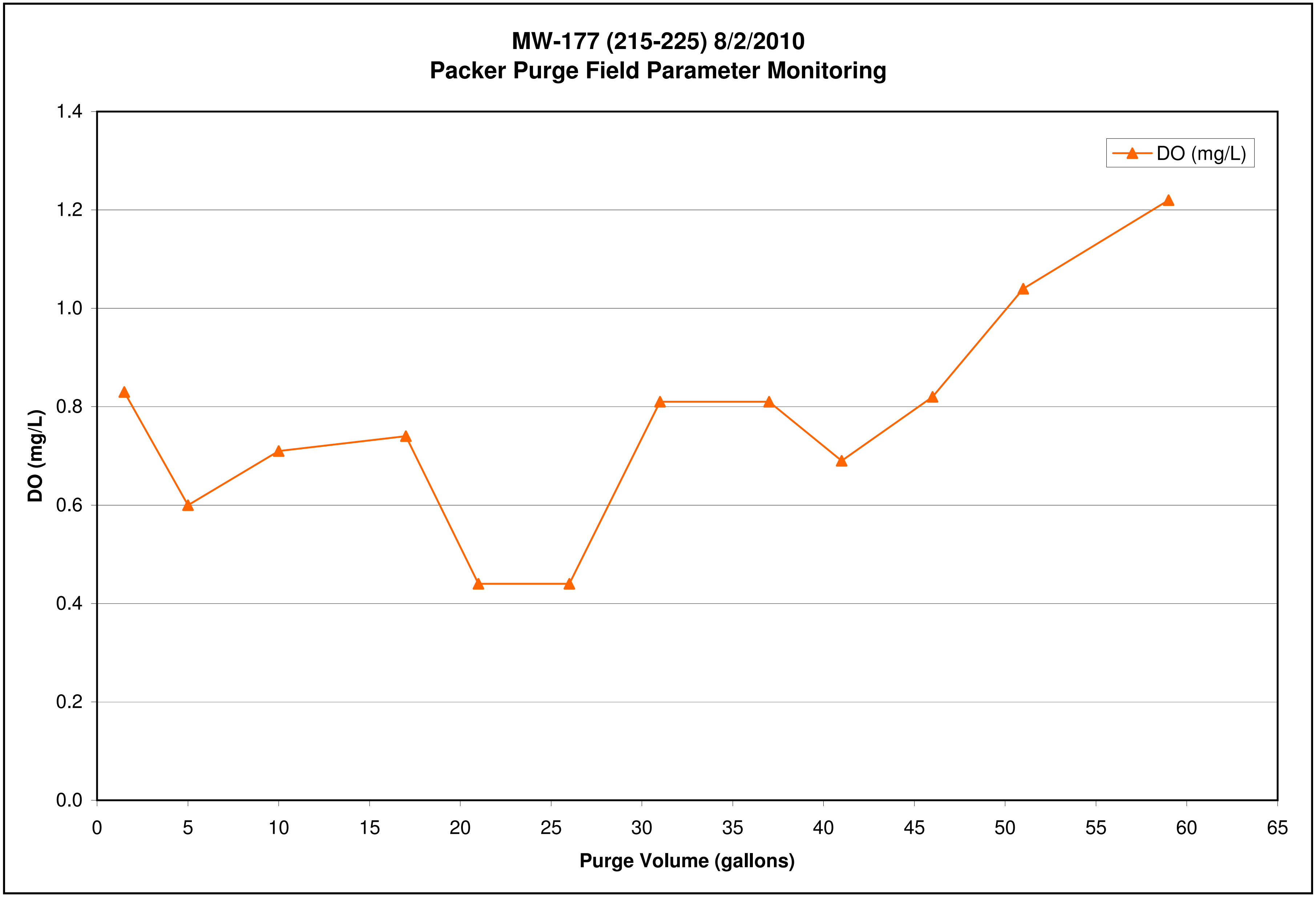
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



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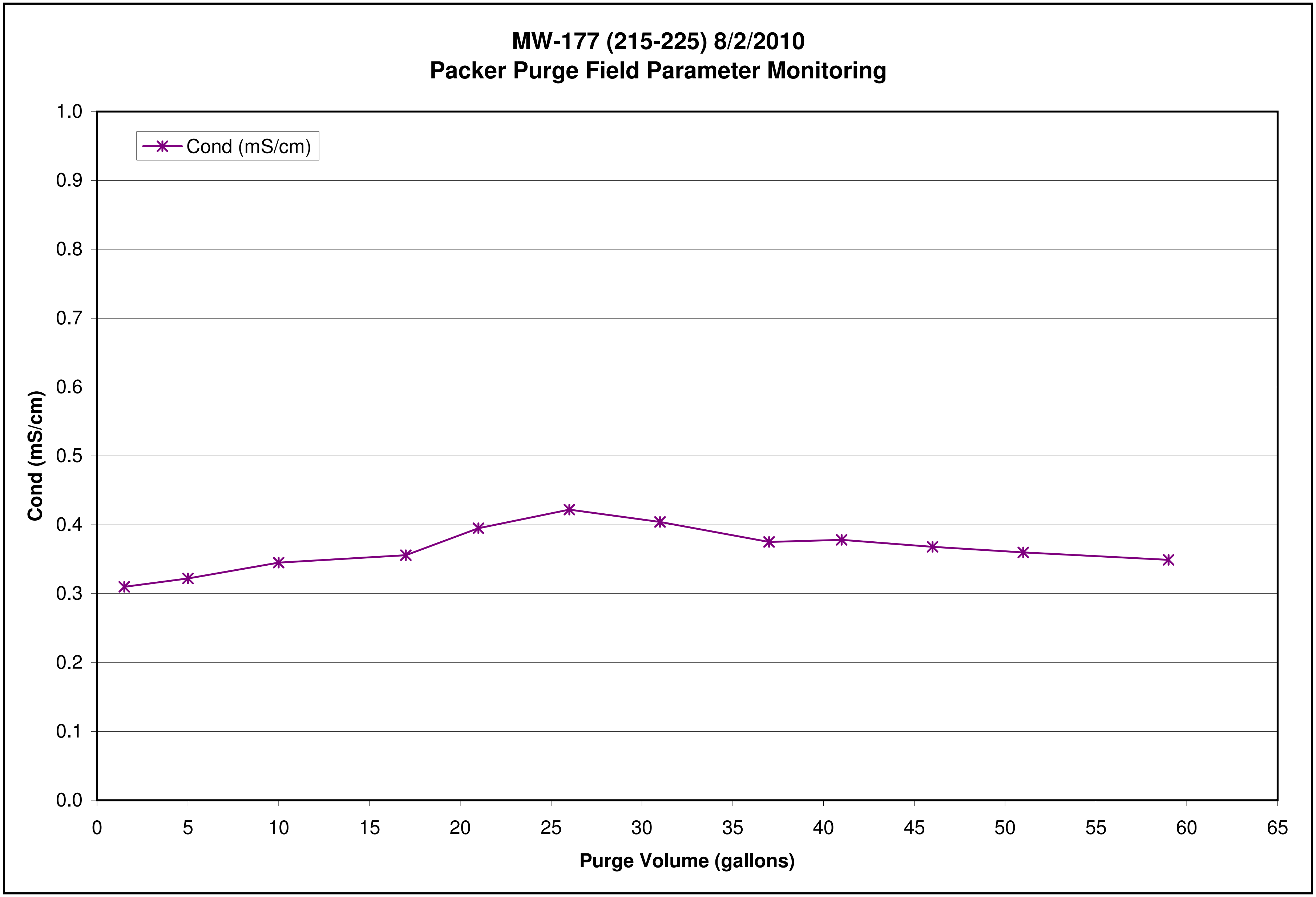
1340 Charwood Road, Suite I
Hanover, Maryland



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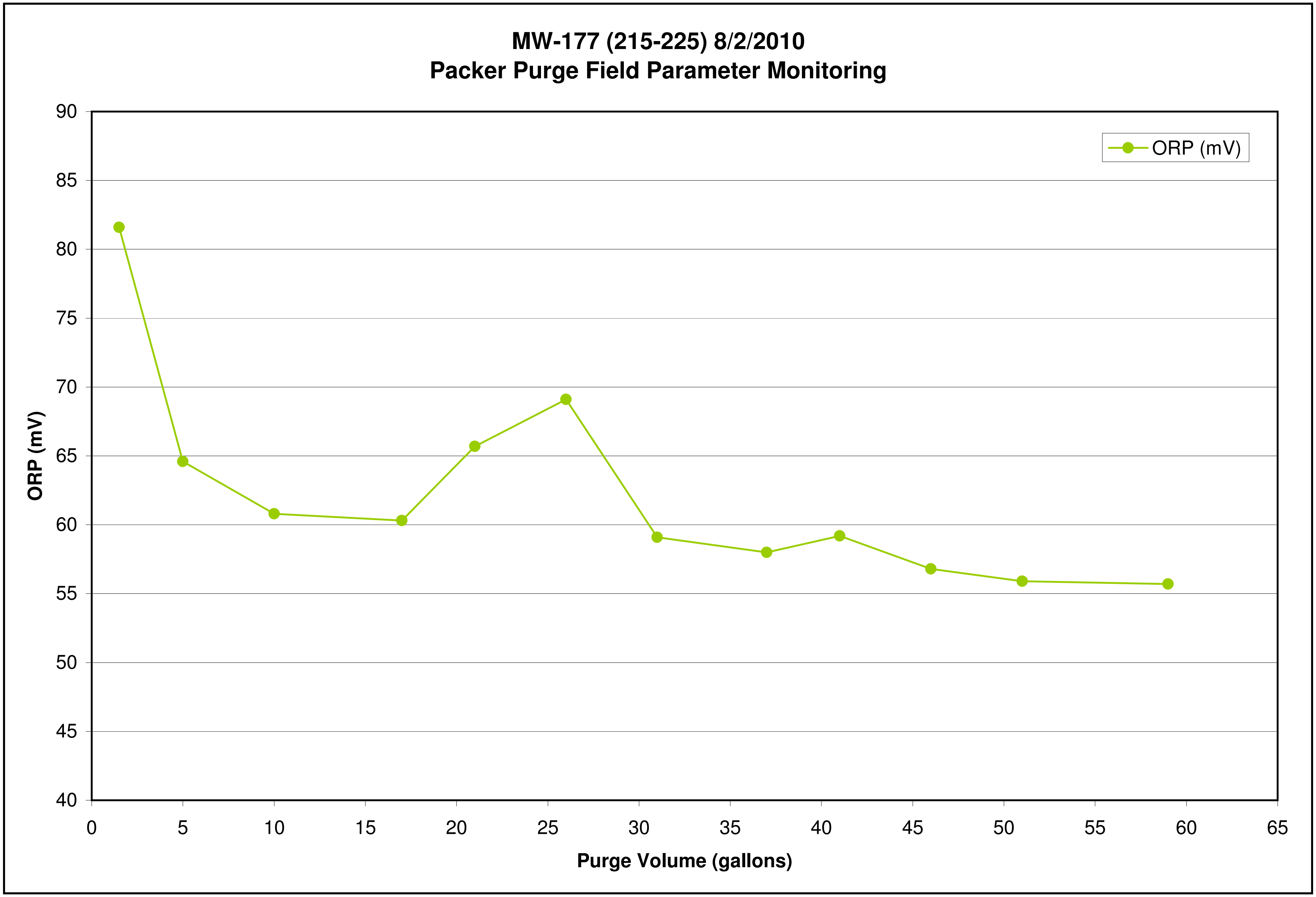
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-177
224-234
8/3/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1310	1	6	59.53	6.50	2.92	0.314	100.2
1315	1	11	62.37	6.49	2.95	0.328	111.4
1320	1	15	61.57	6.48	2.84	0.331	112.7
1325	0.75	19	64.25	6.52	2.71	0.340	118.1
1330	0.75	23	66.45	6.54	2.51	0.349	113.5
1335	0.75	27	64.88	6.56	2.80	0.345	119.0
1340	0.75	33	65.11	6.60	2.71	0.338	107.2
1345	0.75	37	65.08	6.58	2.78	0.337	106.9
1350	0.75	41	64.69	6.58	3.14	0.334	103.8
1355	0.75	45	64.47	6.57	3.31	0.332	101.2
1400	0.75	49	64.65	6.57	3.34	0.332	99.2
1405	1	55	64.71	6.58	3.65	0.331	95.9
1413	0.5	60	65.09	6.58	3.47	0.333	93.7

Notes:
- Calculated target purge volume = 59.68 gallons
- Packer interval purged dry at 62 gallons
- Samples collected after 62 gallons purged

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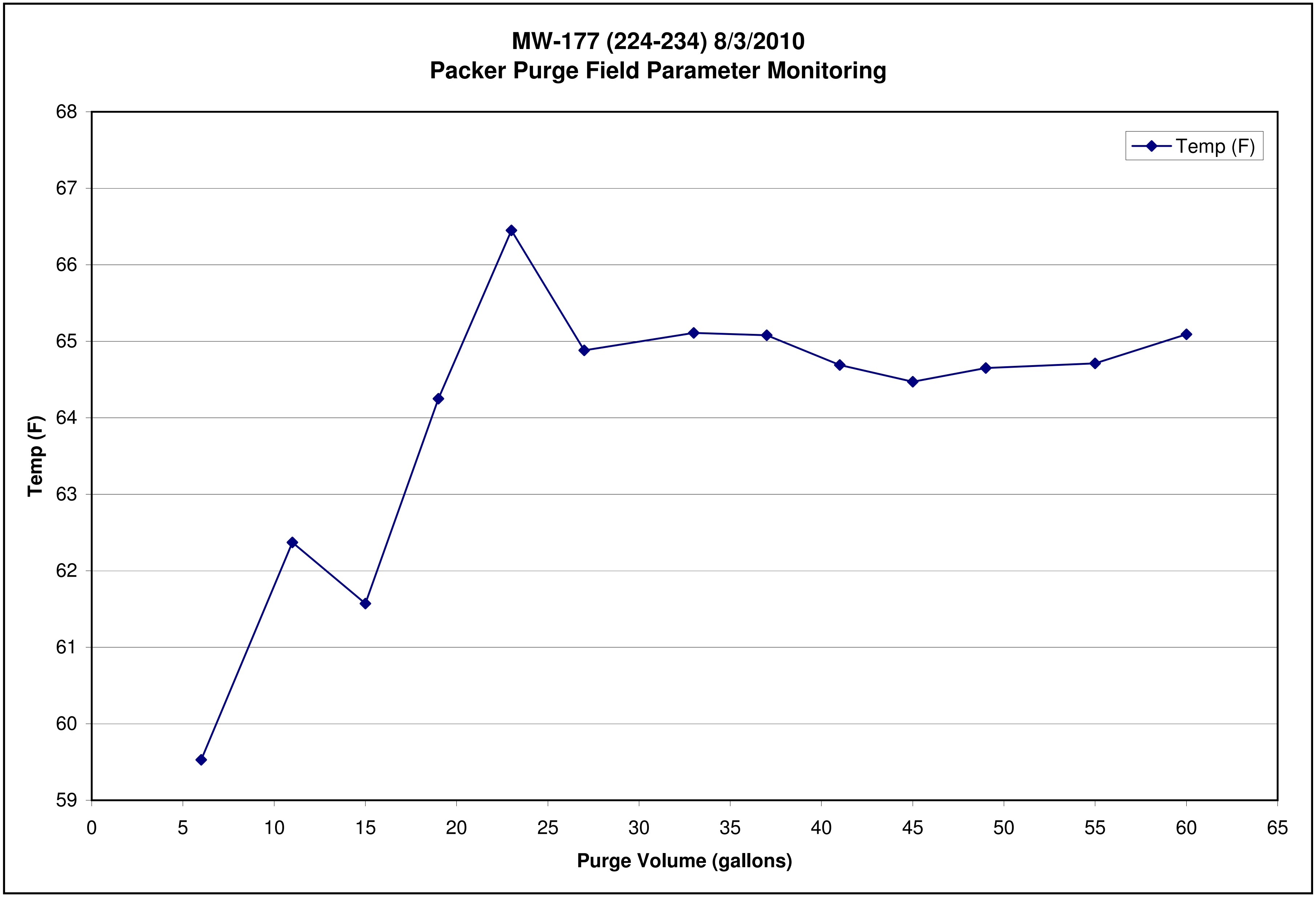
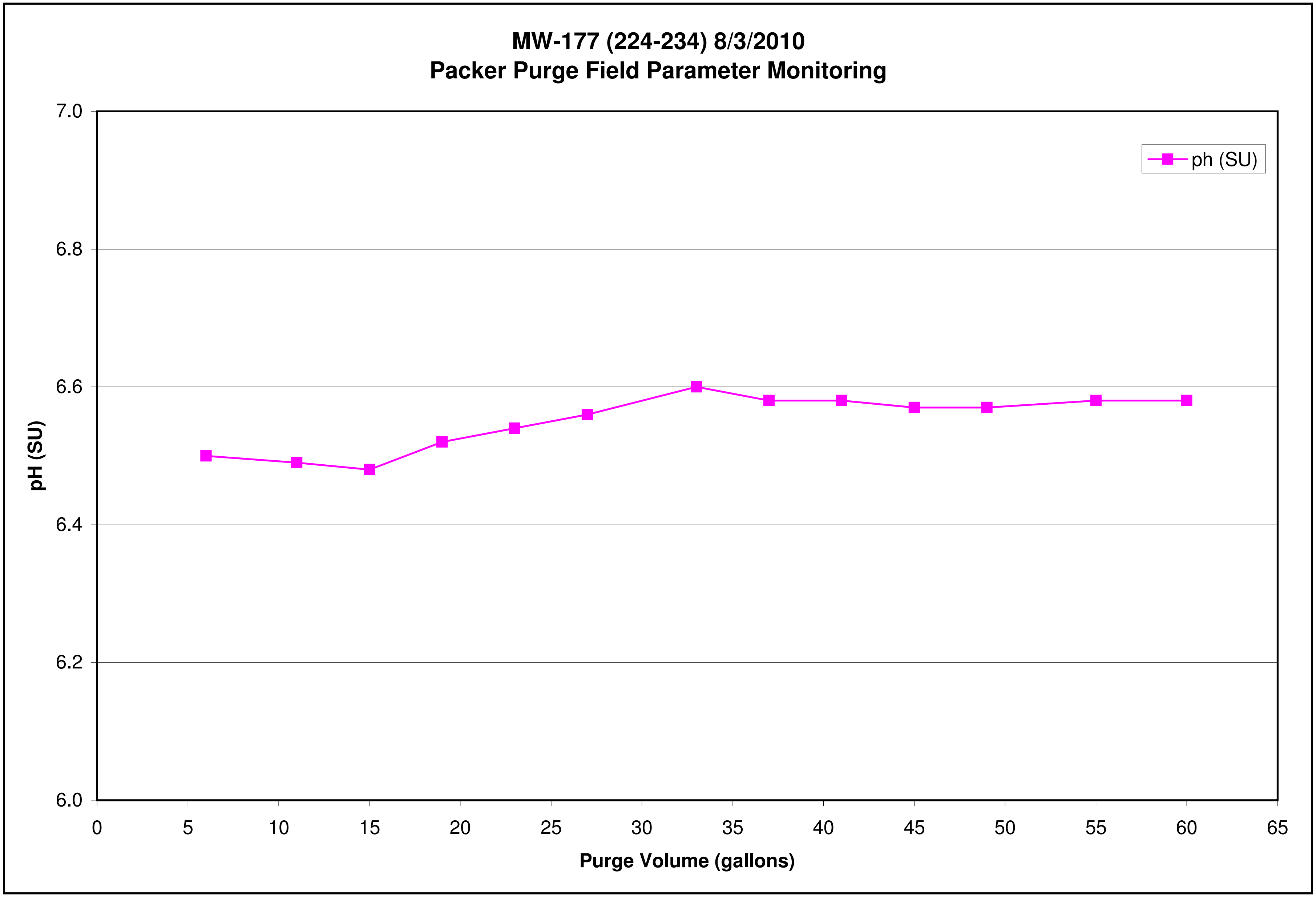
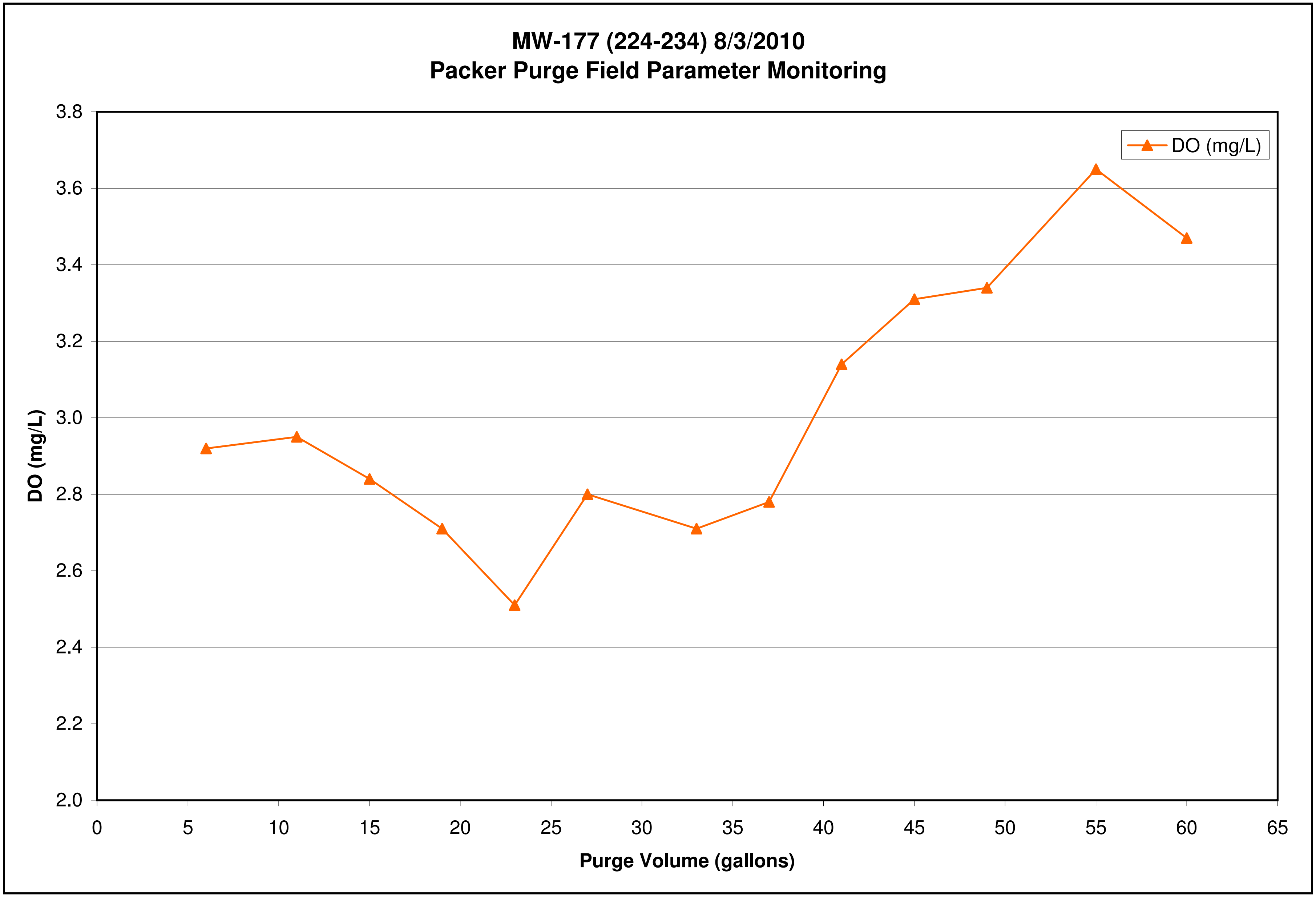


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

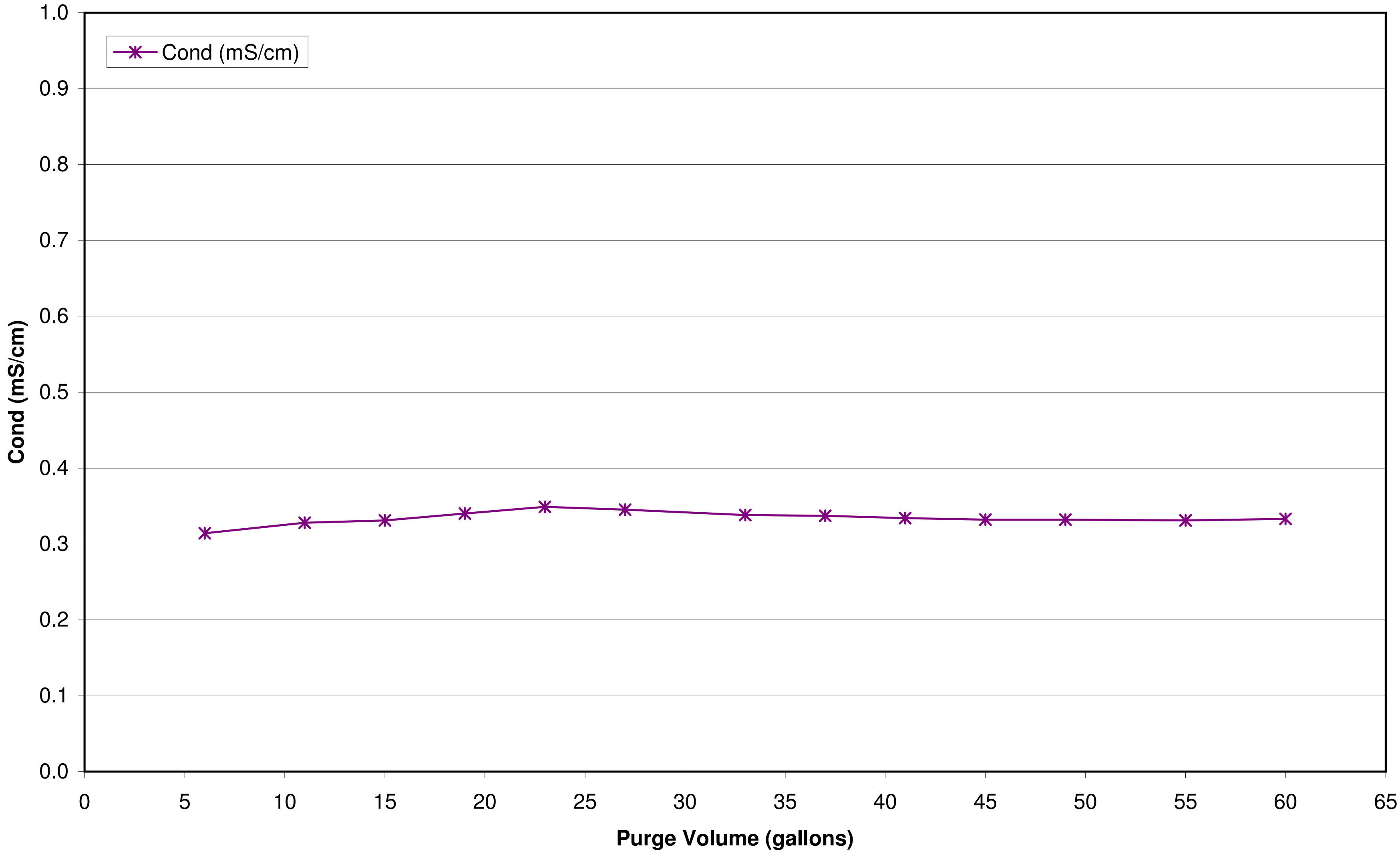


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

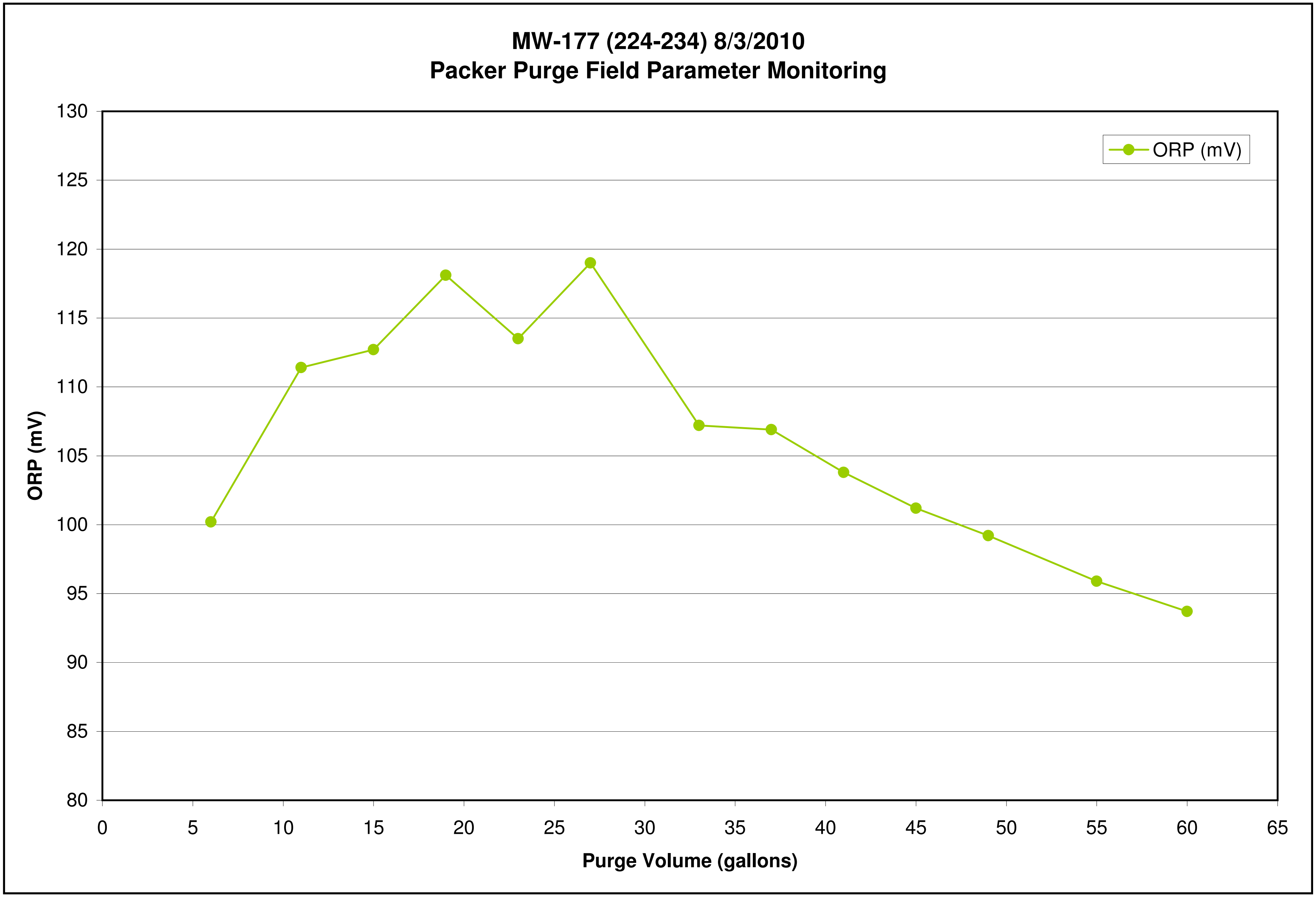


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-177 (224-234) 8/3/2010
Packer Purge Field Parameter Monitoring



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

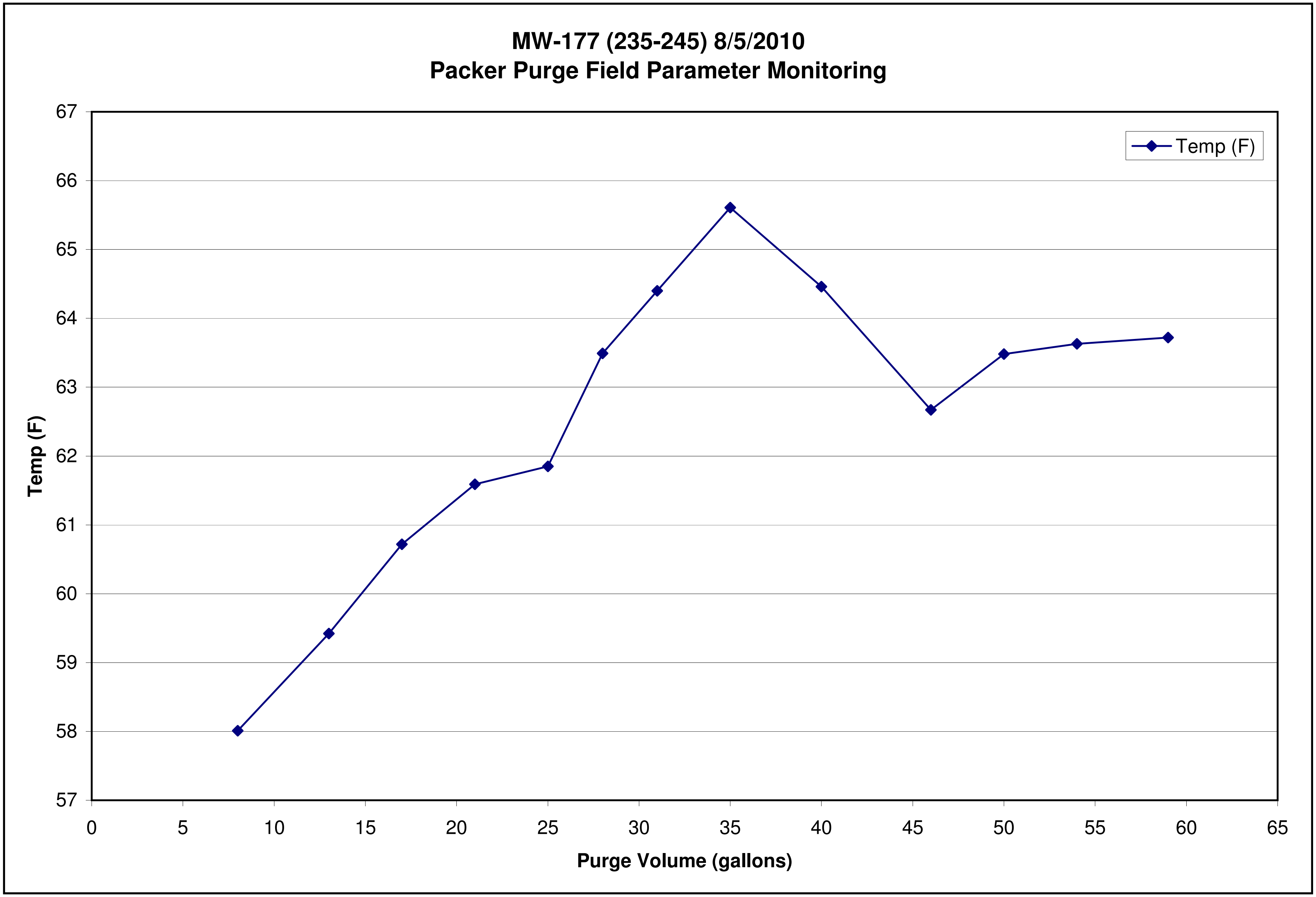


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

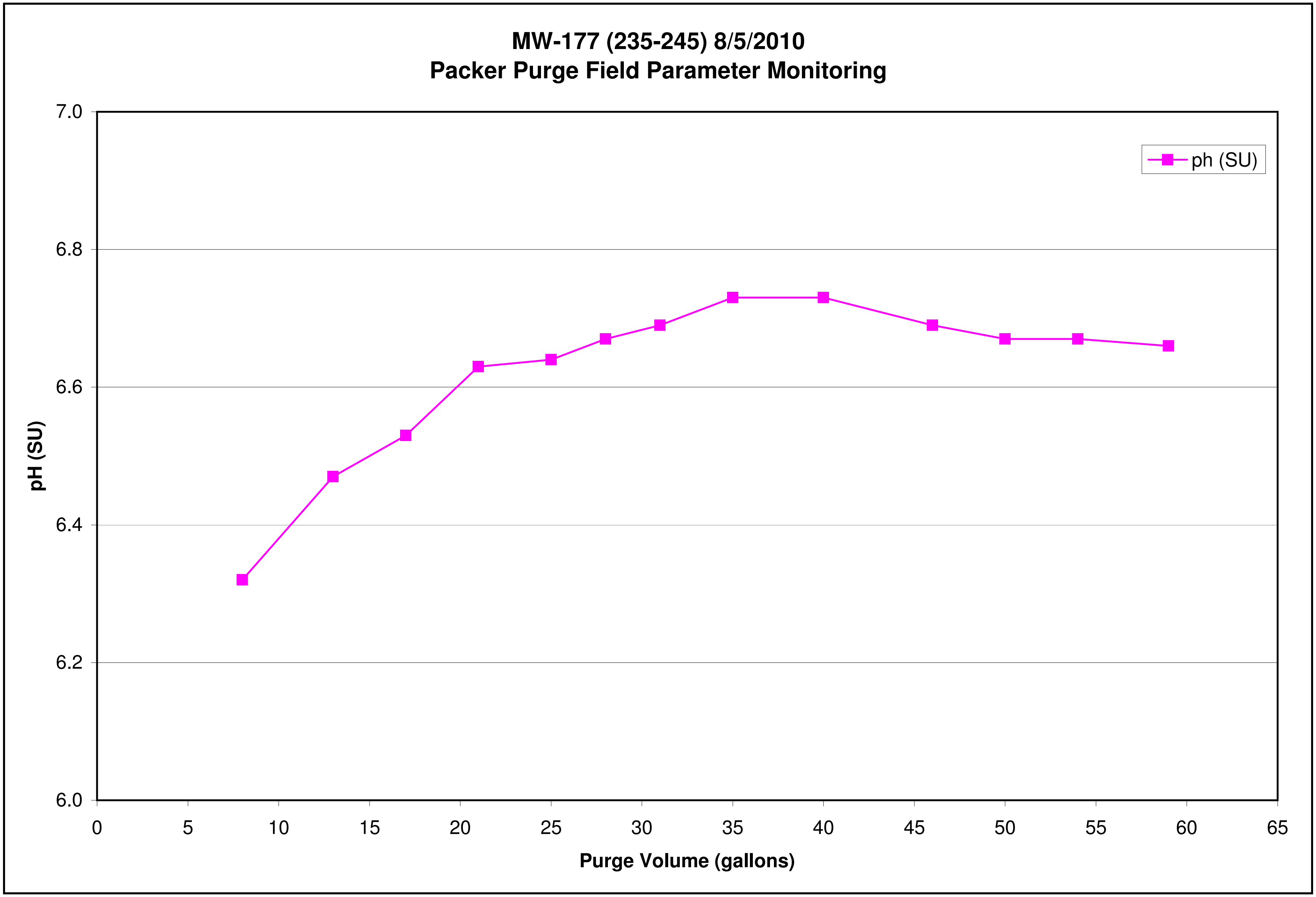
MW-177
235-245
8/5/2010

Time (min)	Flow Rate (gpm)	Purge Volume (gallons)	Temp (F)	ph (SU)	DO (mg/L)	Cond (mS/cm)	ORP (mV)
1055	0.75	8	58.01	6.32	1.88	0.316	137.3
1100	0.75	13	59.42	6.47	2.66	0.327	124.0
1105	0.5	17	60.72	6.53	2.06	0.332	119.6
1110	0.75	21	61.59	6.63	2.33	0.333	115.1
1115	-	25	61.85	6.64	2.38	0.335	116.1
1120	0.75	28	63.49	6.67	2.19	0.343	119.1
1125	0.5	31	64.40	6.69	3.00	0.346	120.4
1130	0.5	35	65.61	6.73	4.05	0.345	115.1
1135	1	40	64.46	6.73	4.03	0.335	114.7
1140	1.25	46	62.67	6.69	3.75	0.328	117.0
1145	1	50	63.48	6.67	4.18	0.331	117.0
1150	1	54	63.63	6.67	4.47	0.331	116.1
1155	1	59	63.72	6.66	4.52	0.331	116.1

Notes:
- Calculated target purge volume = 63.27 gallons
- Packer interval purged dry at 69 gallons
- Samples collected after 69 gallons purged

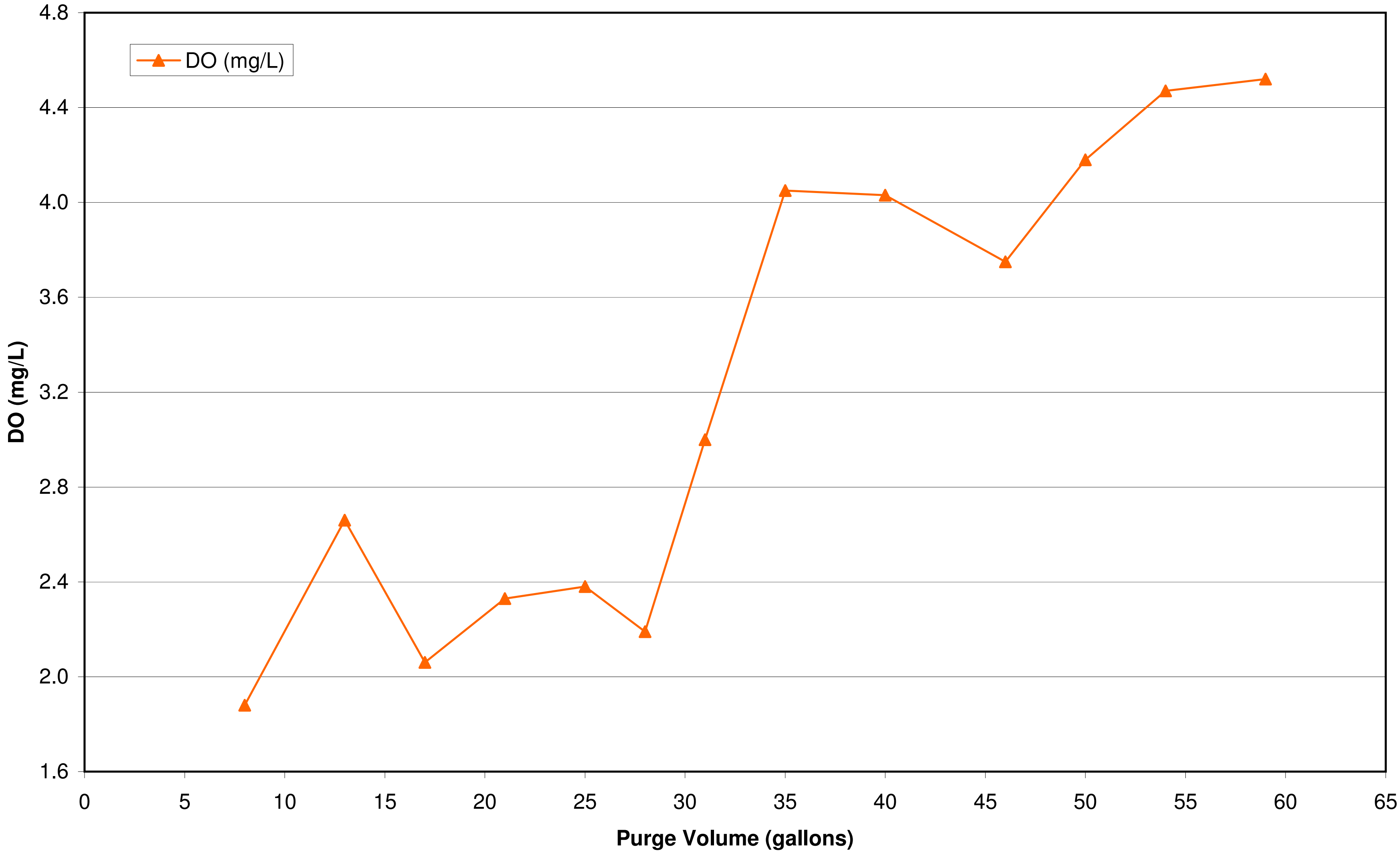


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

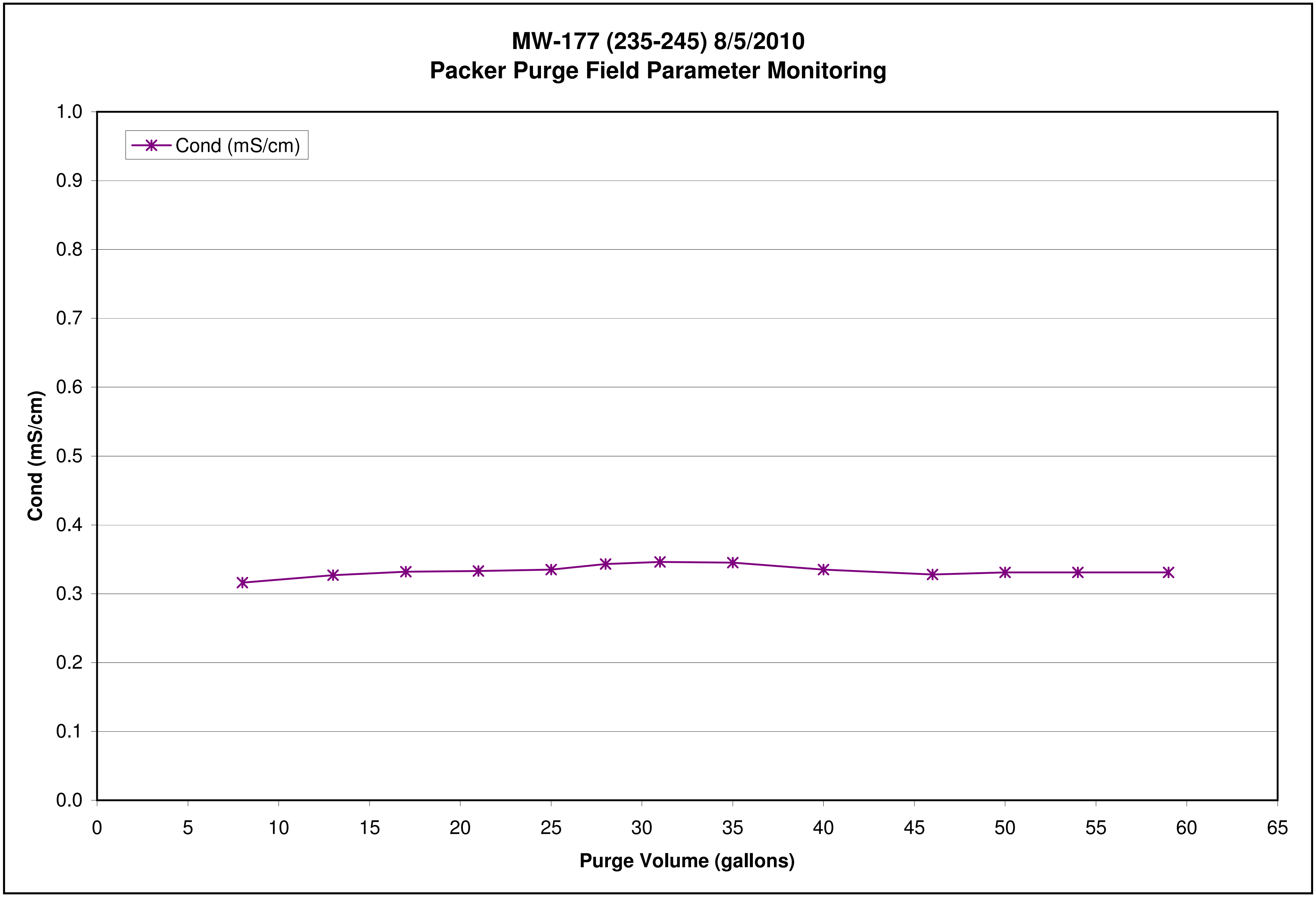


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-177 (235-245) 8/5/2010
Packer Purge Field Parameter Monitoring

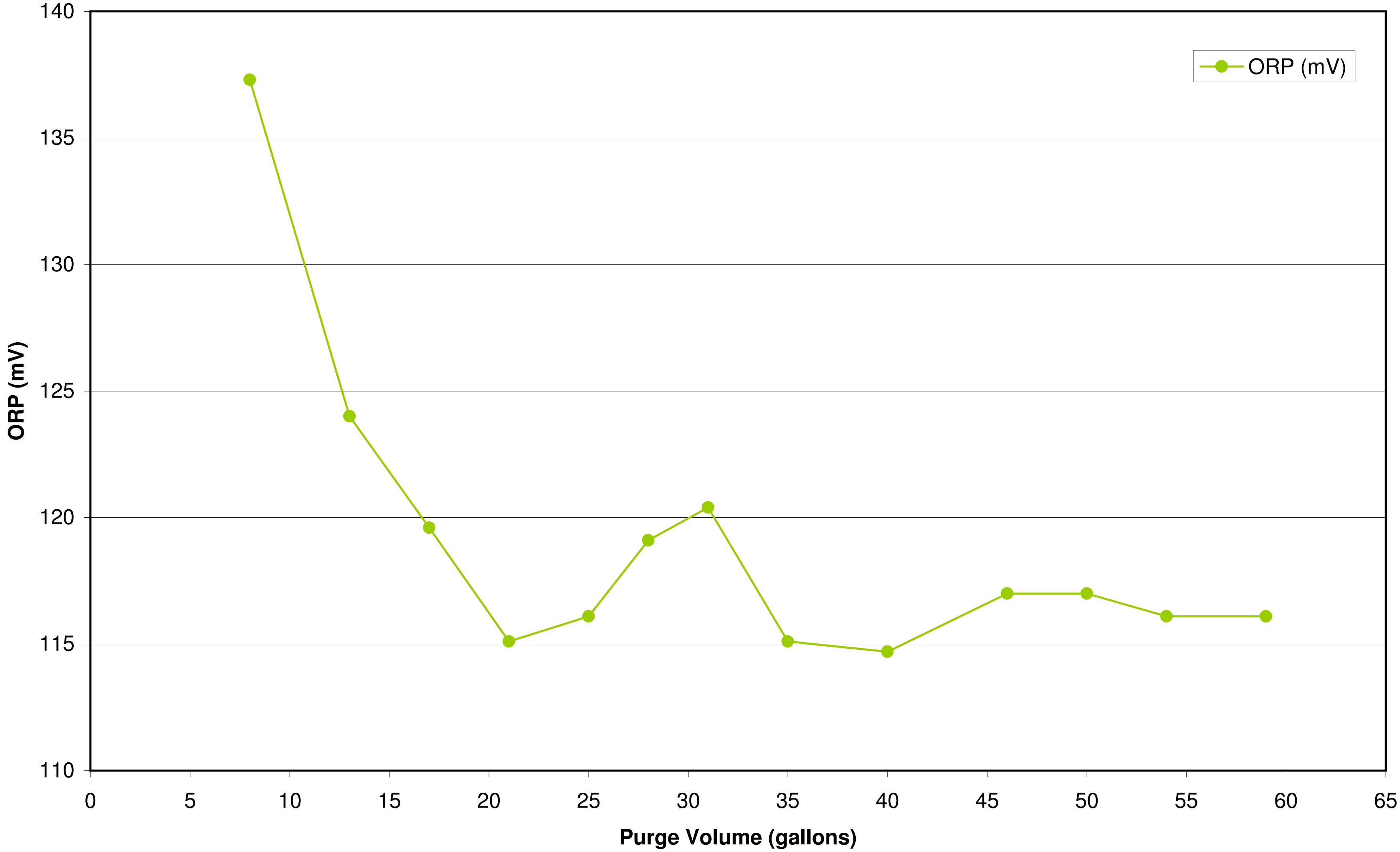


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

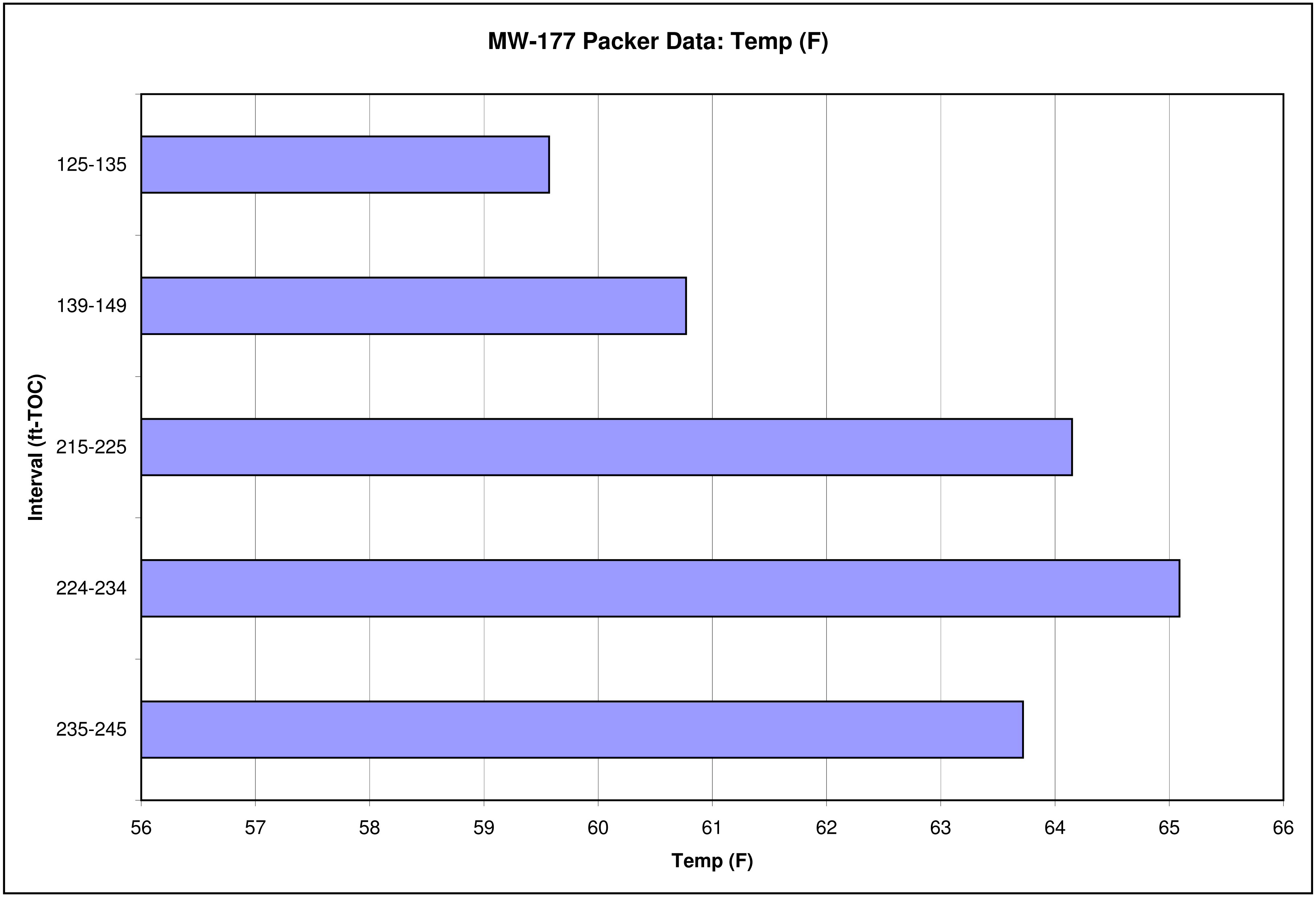


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

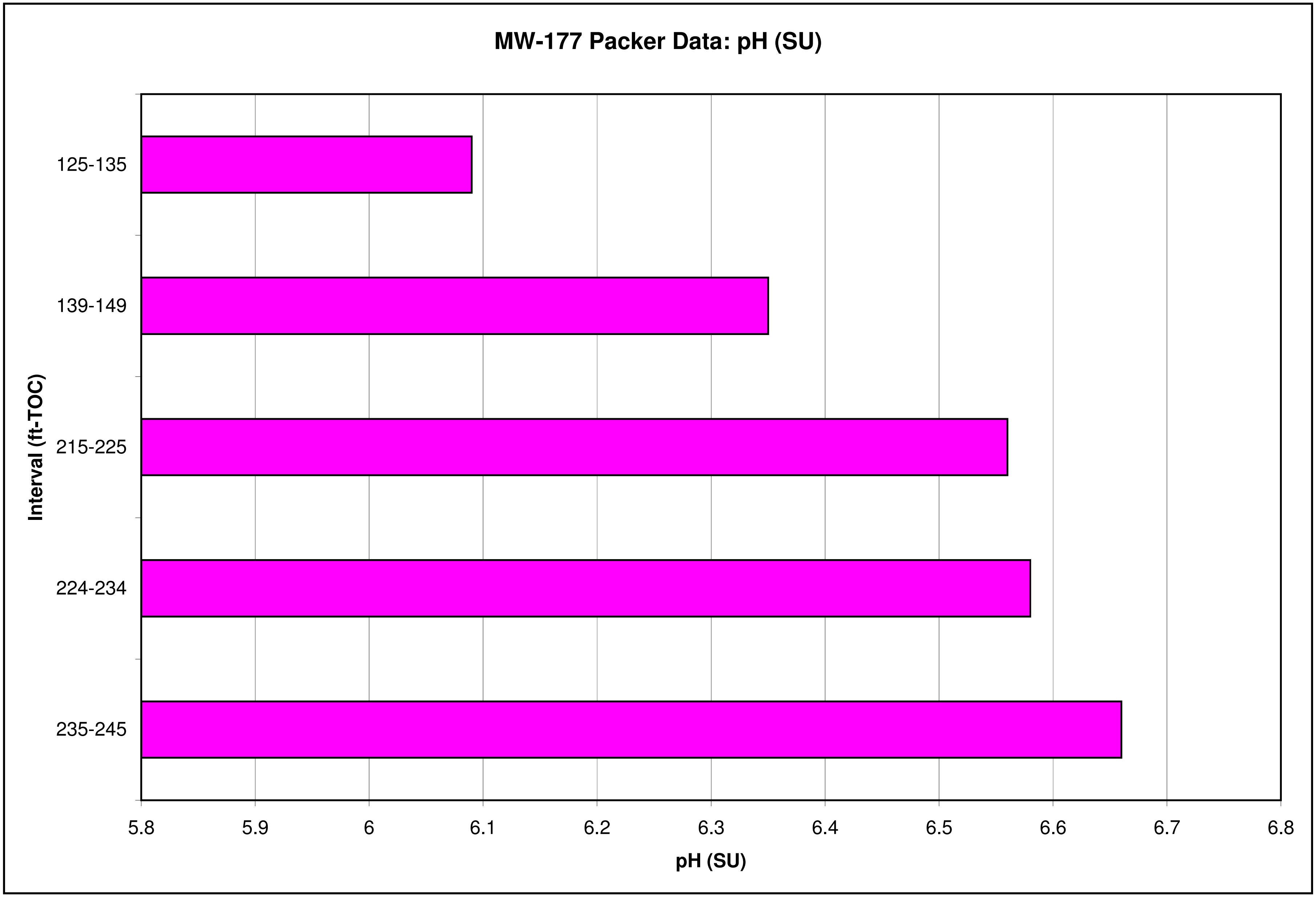
MW-177 (235-245) 8/5/2010
Packer Purge Field Parameter Monitoring



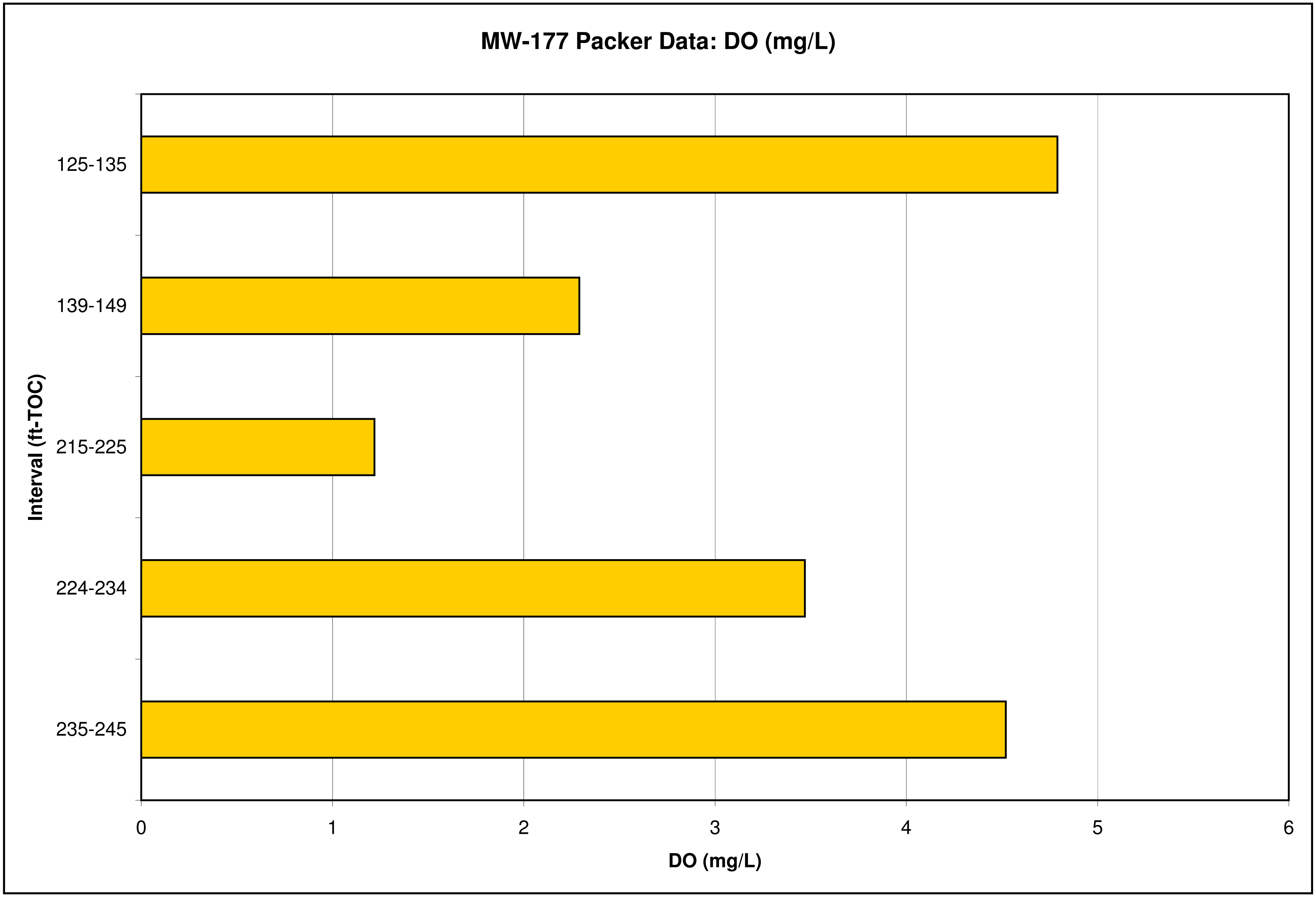
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



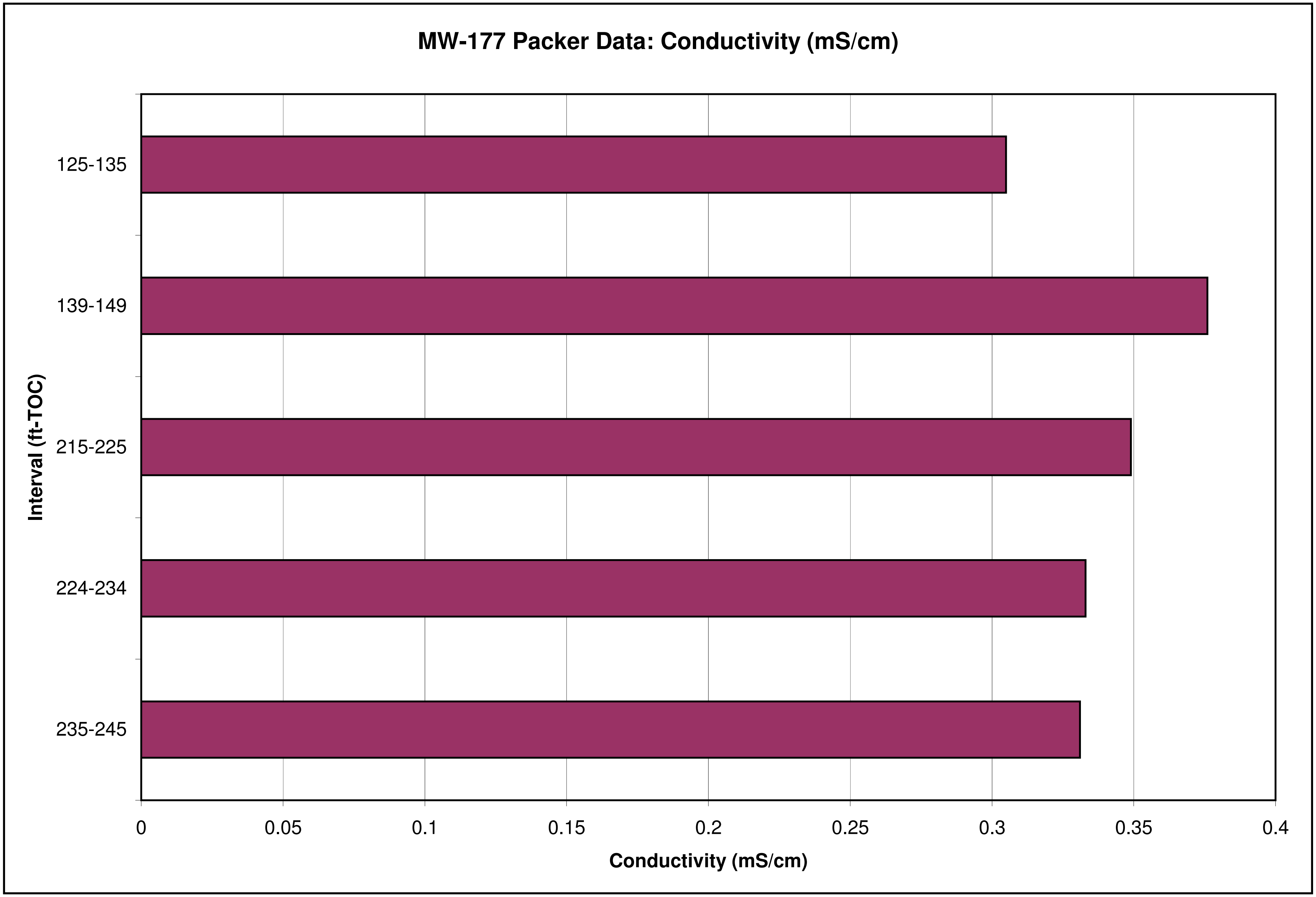
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



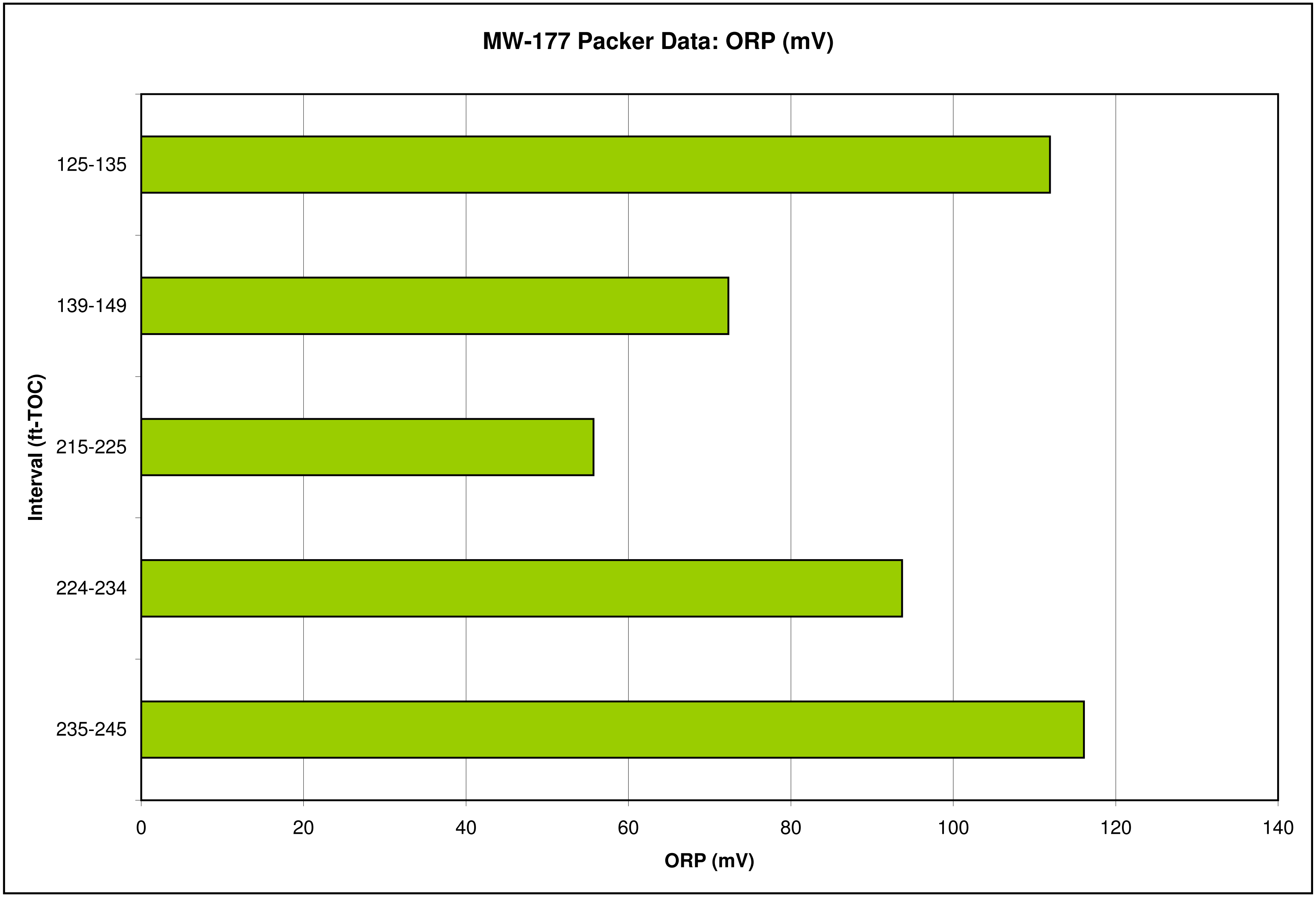
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

APPENDIX K
Slug Testing Data and Plots

Packer Interval Slug Testing Data Summary

3501 Hampshire Glen Court

Phoenix, Maryland

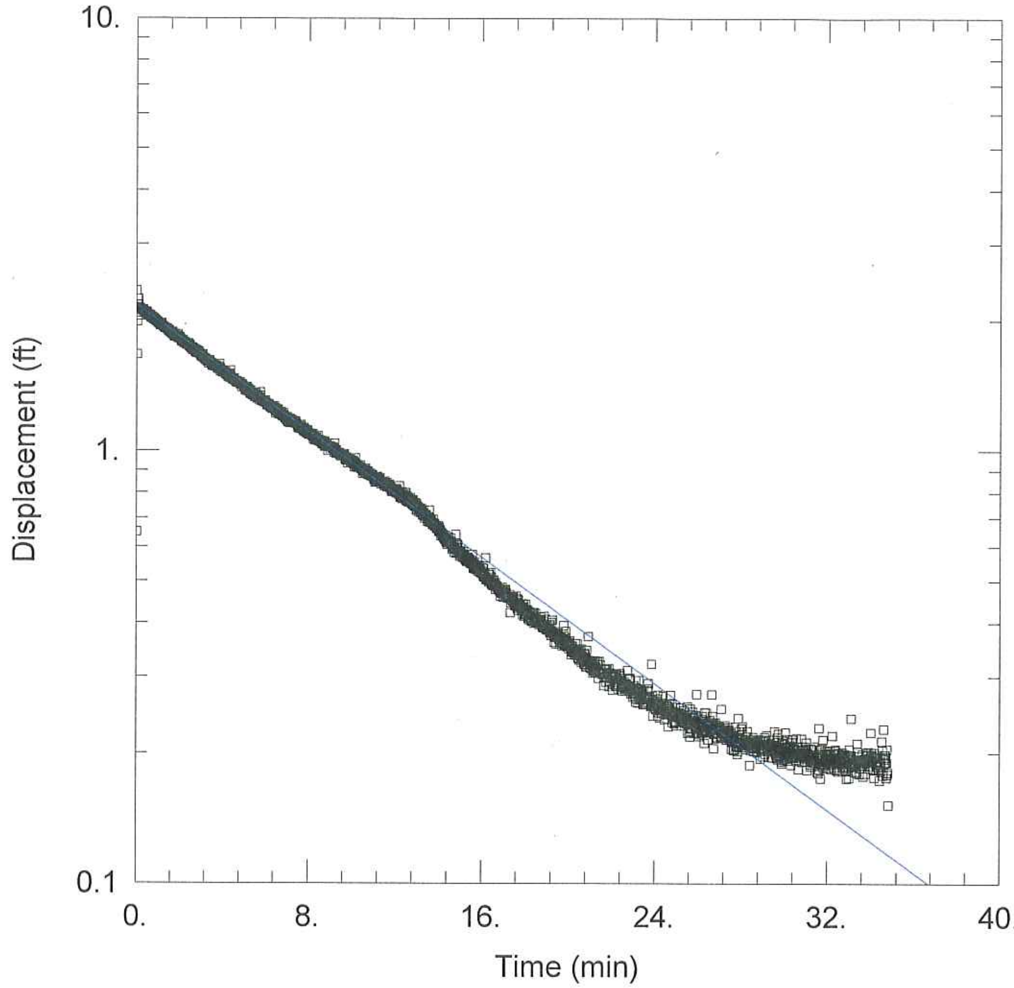
Well ID	Packer Interval	Test Date	Test Type/Name	Pre-Test Baseline Water Level Above Transducer (ft)	Level of Maximum Displacement Above Transducer (ft)	Maximum Displacement (ft)	Depth to Water Inside Packer Rods (ft)	Depth to Bottom of Packer Interval (ft)	Length of Water Above Packer Bottom (ft)	Estimated Hydraulic Conductivity (K) - Bouwer - Rice Unconfined Method (ft/d)
MW-91C	**261-271**	7/28/2010	Falling Head	50.88	53.22	2.34	71.09	271.00	199.91	0.12
		7/28/2010	Rising Head	51.03	48.65	2.38	71.09	271.00	199.91	0.087
		8/19/2010	Falling Head	44.91	49.49	4.58	89.51	138.00	48.49	0.055
MW-171C	**128-138**	8/19/2010	Rising Head	45.08	39.57	5.51	89.51	138.00	48.49	0.061
		8/20/2010	Falling Head	56.07	57.66	1.59	97.72	155.00	57.28	0.13
MW-171C	**145-155**	8/20/2010	Rising Head	56.10	54.55	1.55	97.72	155.00	57.28	0.098
		8/9/2010	Falling Head	52.21	55.23	3.02	87.95	135.00	47.05	0.16
MW-176C	**125-135**	8/9/2010	Rising Head	52.23	49.31	2.92	87.95	135.00	47.05	0.064
MW-176C	**150-160**	8/11/2010	Rising Head	54.54	52.02	2.52	97.71	160.00	62.29	0.026
MW-176C	**164-174**	8/12/2010	Rising Head	58.11	56.26	1.85	101.61	174.00	72.39	0.13
MW-176C	**182-192**	8/13/2010	Rising Head	69.00	67.26	1.74	113.46	192.00	78.54	0.13
		8/13/2010	Falling Head	96.87	99.01	2.14	123.07	219.00	95.93	0.17
MW-176C	**209-219**	8/13/2010	Rising Head	97.02	95.04	1.98	123.07	219.00	95.93	0.11
		8/6/2010	Falling Head	138.32	143.63	5.31	106.04	245.00	138.96	0.087
MW-177C	**235-245**	8/6/2010	Rising Head	138.45	133.91	4.54	106.04	245.00	138.96	0.087

Notes:

Data retained for analysis based on asymptotic decay curve, returning near baseline, and no longterm/antecedant trend.

Hydraulic conductivity estimated using Bouwer-Rice (1976) method

Assumed aquifer thickness = 600ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-91C\MW-91C 261-271 falling head.aqt
Date: 09/14/10 Time: 15:58:08

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

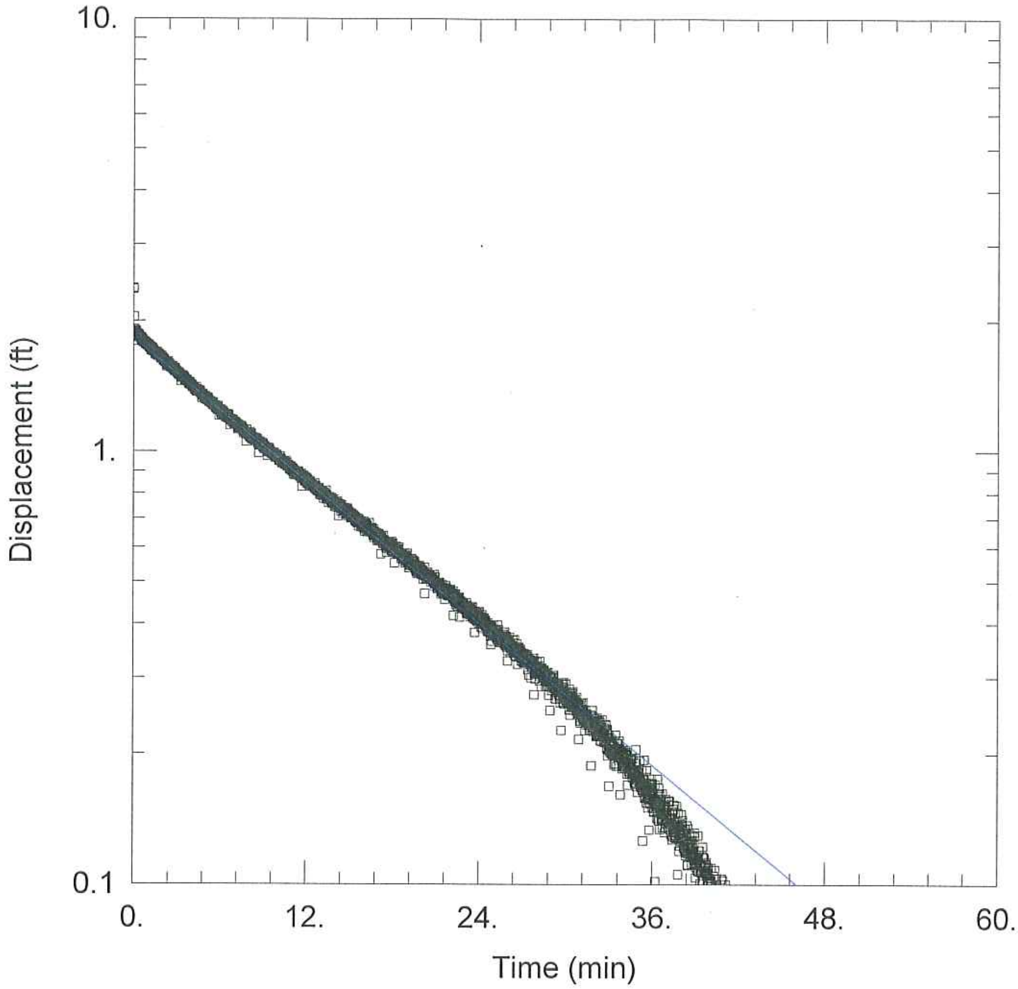
Saturated Thickness: 600. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW91C261-271)

Initial Displacement: 2.34 ft
Total Well Penetration Depth: 199.9 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 199.9 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.1155 ft/day
y0 = 2.174 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-91C\MW-91C 261-271 rising head.aqt
Date: 09/14/10 Time: 15:54:39

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

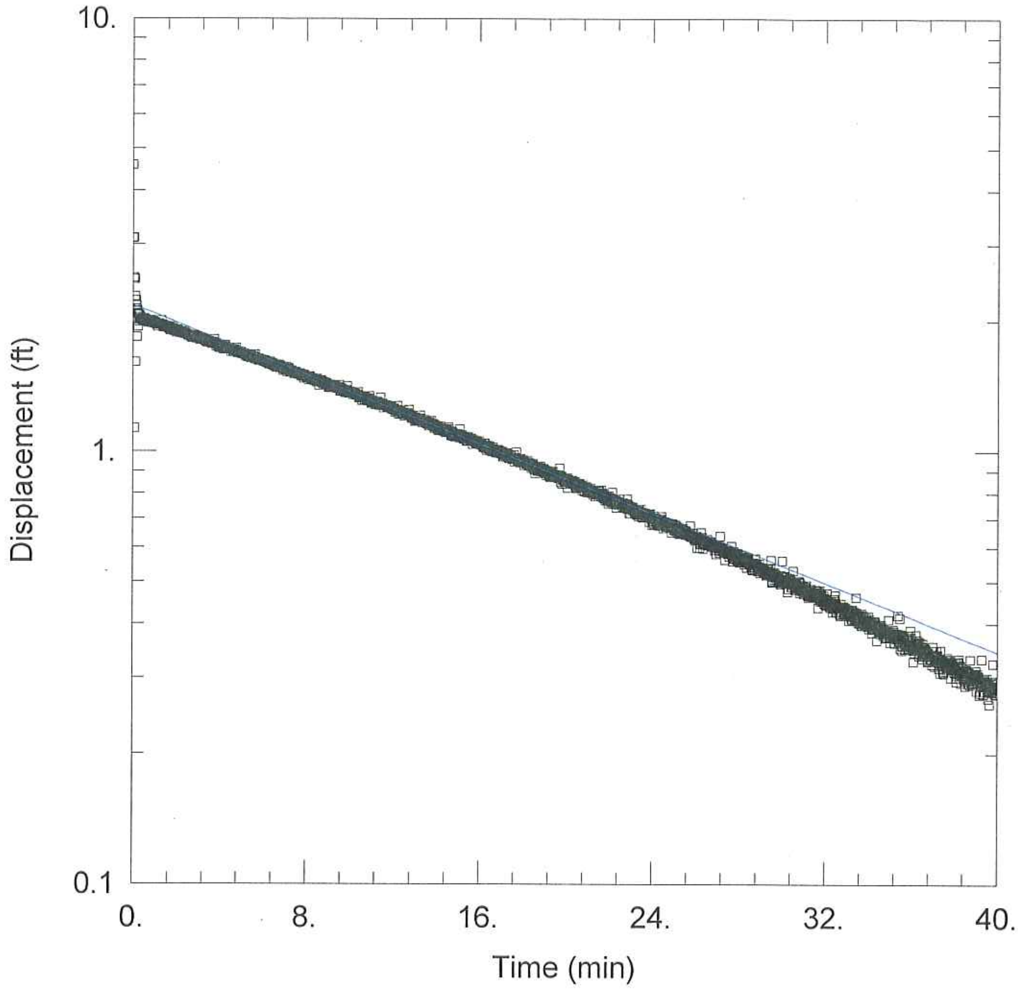
Saturated Thickness: 600. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW91C261-271)

Initial Displacement: 2.38 ft
Total Well Penetration Depth: 199.9 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 199.9 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.08668 ft/day
y0 = 1.818 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-171C\MW-171C 128-138 falling head.aqt
Date: 09/14/10 Time: 15:59:02

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

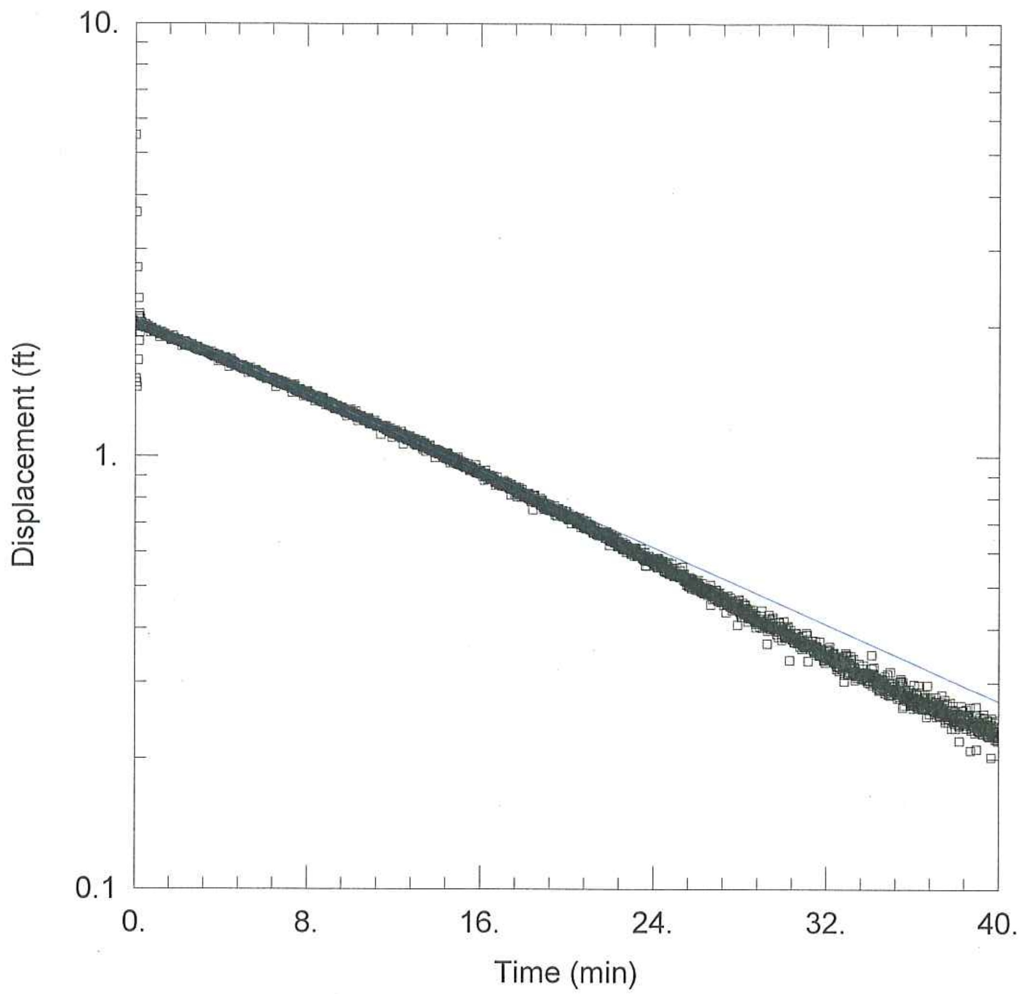
Saturated Thickness: 600. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW171C128138)

Initial Displacement: 4.58 ft
Total Well Penetration Depth: 48.49 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 48.49 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.05537 ft/day
y0 = 2.175 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-171C\MW-171C 128-138 risng head.aqt
Date: 09/14/10 Time: 15:59:30

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

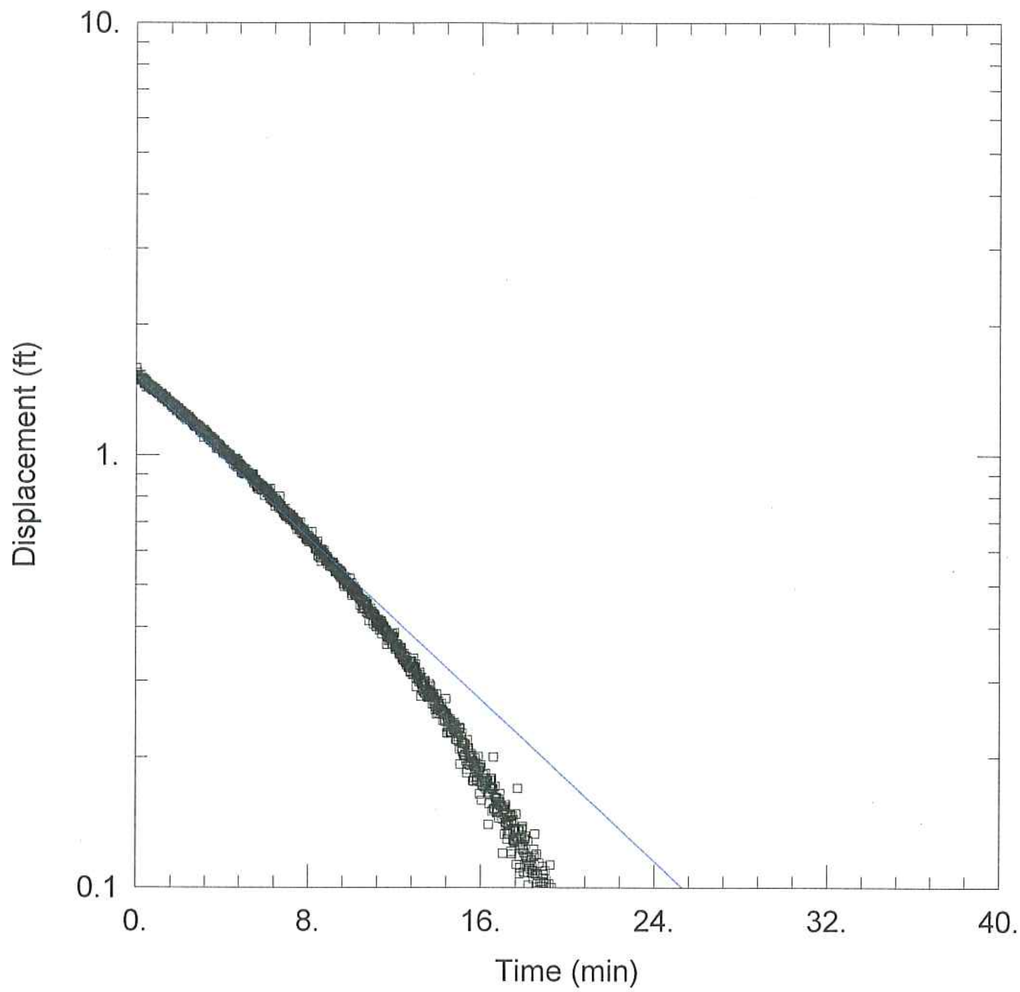
Saturated Thickness: 600. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW171C128138)

Initial Displacement: 5.51 ft
Total Well Penetration Depth: 48.49 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 48.49 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.06137 ft/day
y0 = 2.101 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-171C\MW-171C 145-155 falling head.aqt
Date: 09/14/10 Time: 16:00:01

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

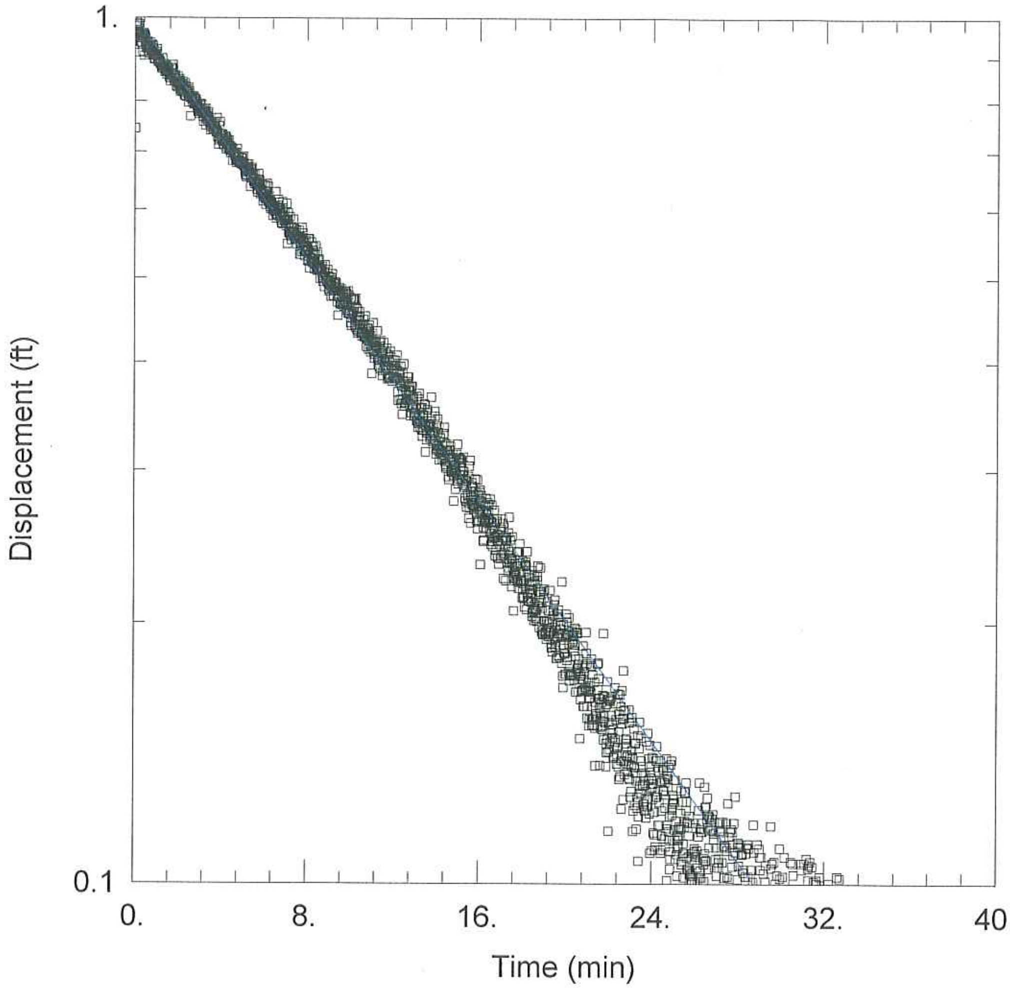
Saturated Thickness: 600. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW171C145155)

Initial Displacement: 1.59 ft
Static Water Column Height: 57.28 ft
Total Well Penetration Depth: 57.28 ft
Screen Length: 10. ft
Casing Radius: 0.08333 ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.1315 ft/day
y0 = 1.518 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-171C\MW-171C 145-155 rising head.aqt
Date: 09/14/10 Time: 16:01:00

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

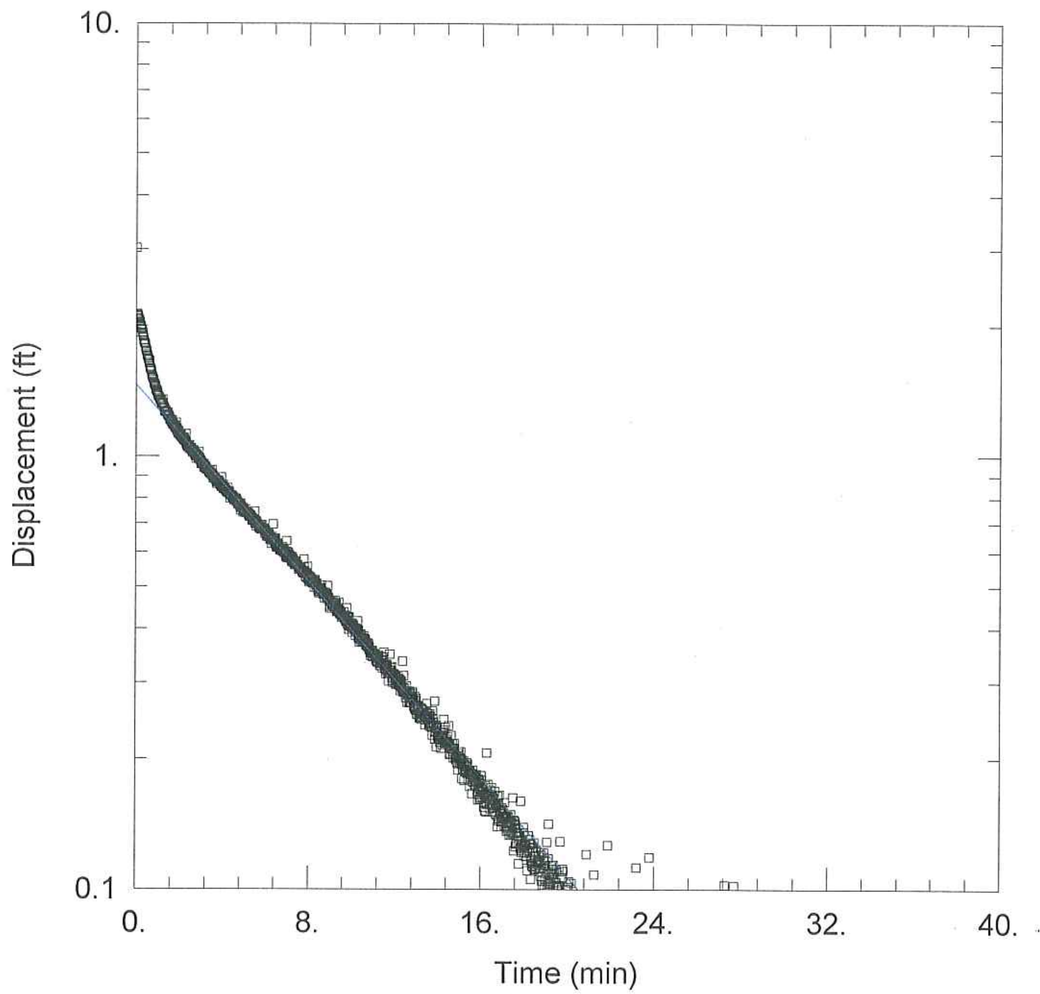
Saturated Thickness: 600. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW171C145155)

Initial Displacement: 1.55 ft
Total Well Penetration Depth: 57.28 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 57.28 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.098 ft/day
y0 = 0.999 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-176C\MW-176C 125-135 falling head.aqt
Date: 09/14/10 Time: 16:02:25

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

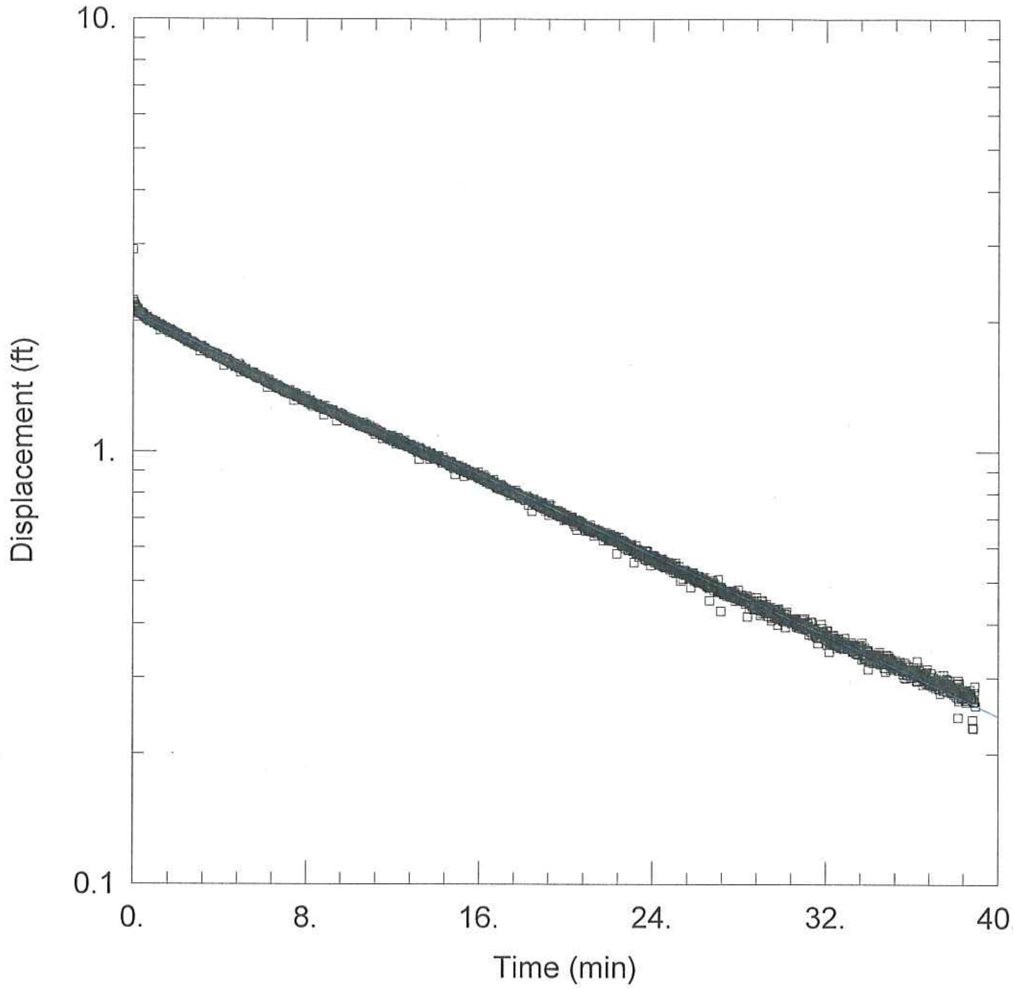
Saturated Thickness: 600. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW176C125135)

Initial Displacement: 3.02 ft
Total Well Penetration Depth: 47.05 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 47.05 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.1564 ft/day
y0 = 1.465 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-176C\MW-176C 125-135 rising head.aqt
Date: 09/14/10 Time: 16:02:42

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

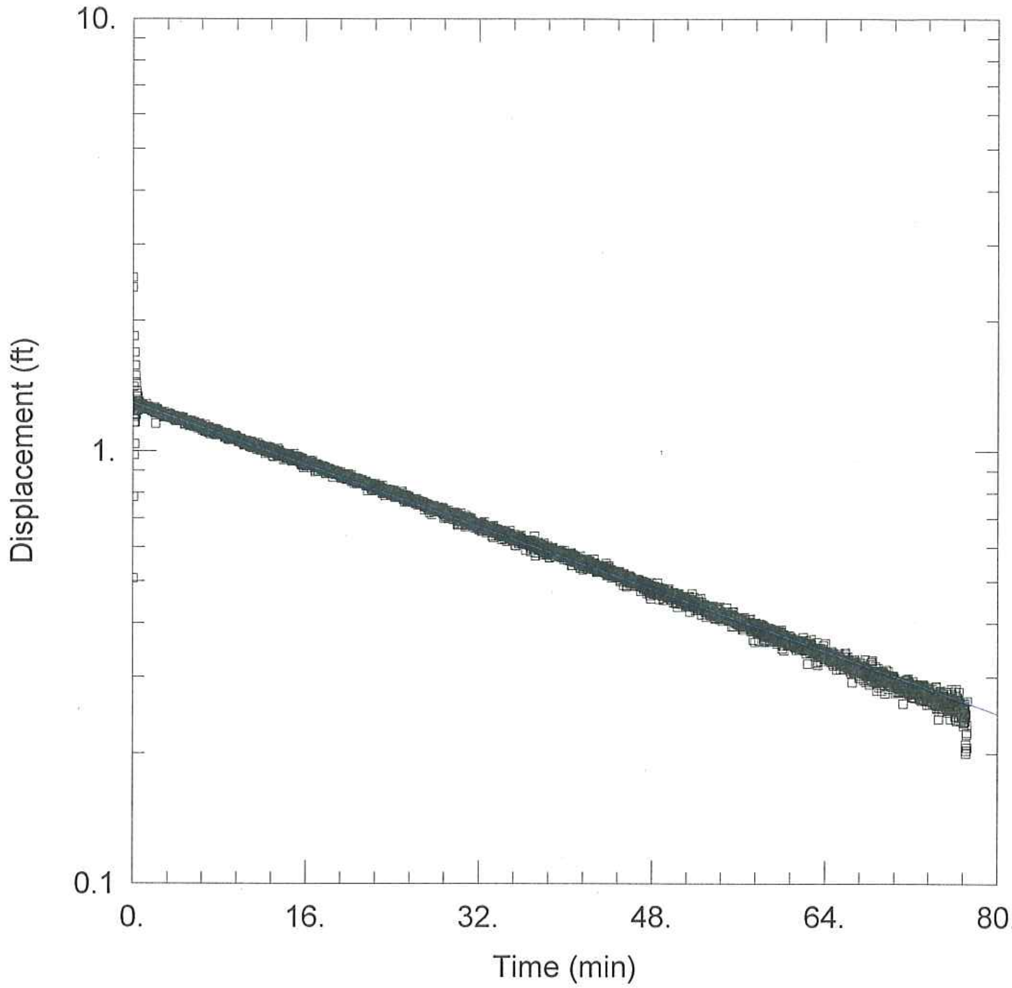
Saturated Thickness: 600. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW176C125135)

Initial Displacement: 2.92 ft
Total Well Penetration Depth: 47.05 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 47.05 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.06401 ft/day
y0 = 2.083 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-176C\MW-176C 150-160 rising head.aqt
Date: 09/14/10 Time: 16:02:59

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

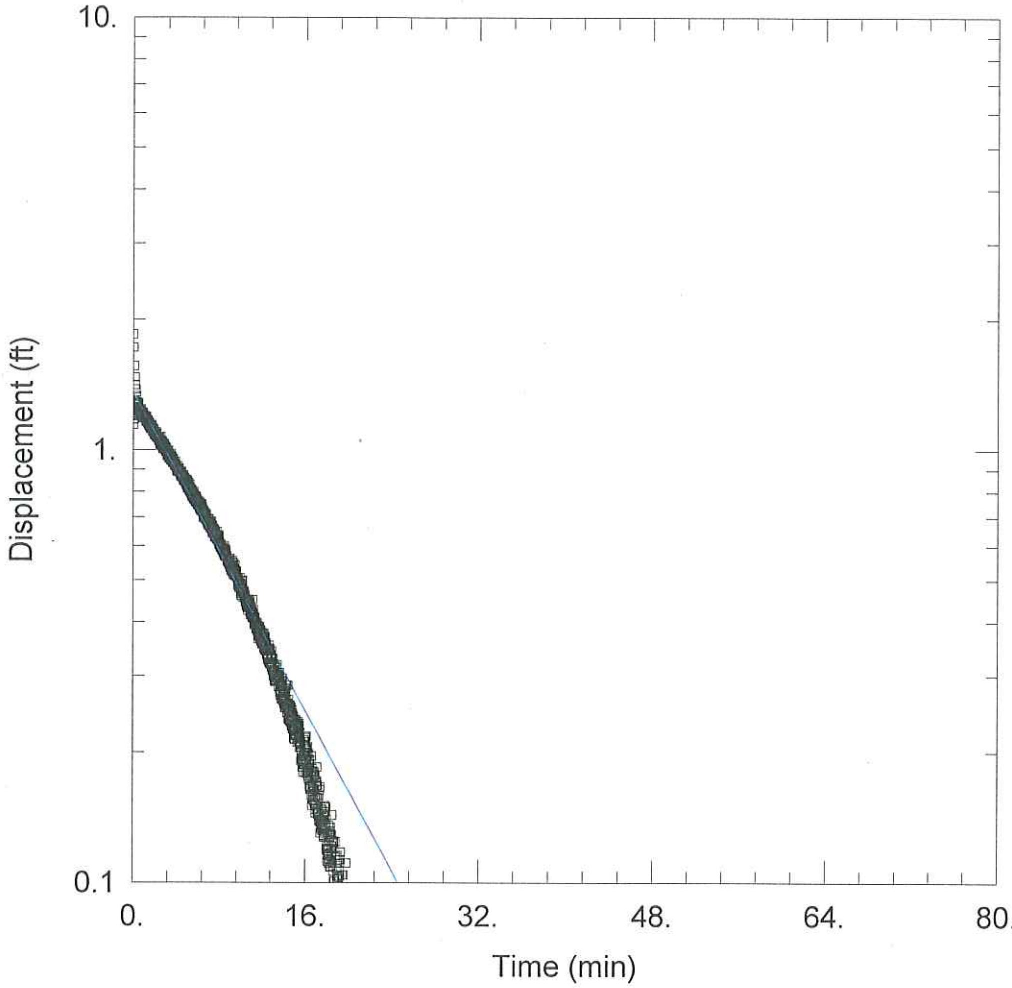
Saturated Thickness: 600. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW176C150160)

Initial Displacement: 2.52 ft
Total Well Penetration Depth: 62.29 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 62.29 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice
K = 0.02558 ft/day y0 = 1.296 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-176C\MW-176C 164-174 rising head.aqt
Date: 09/14/10 Time: 16:03:19

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

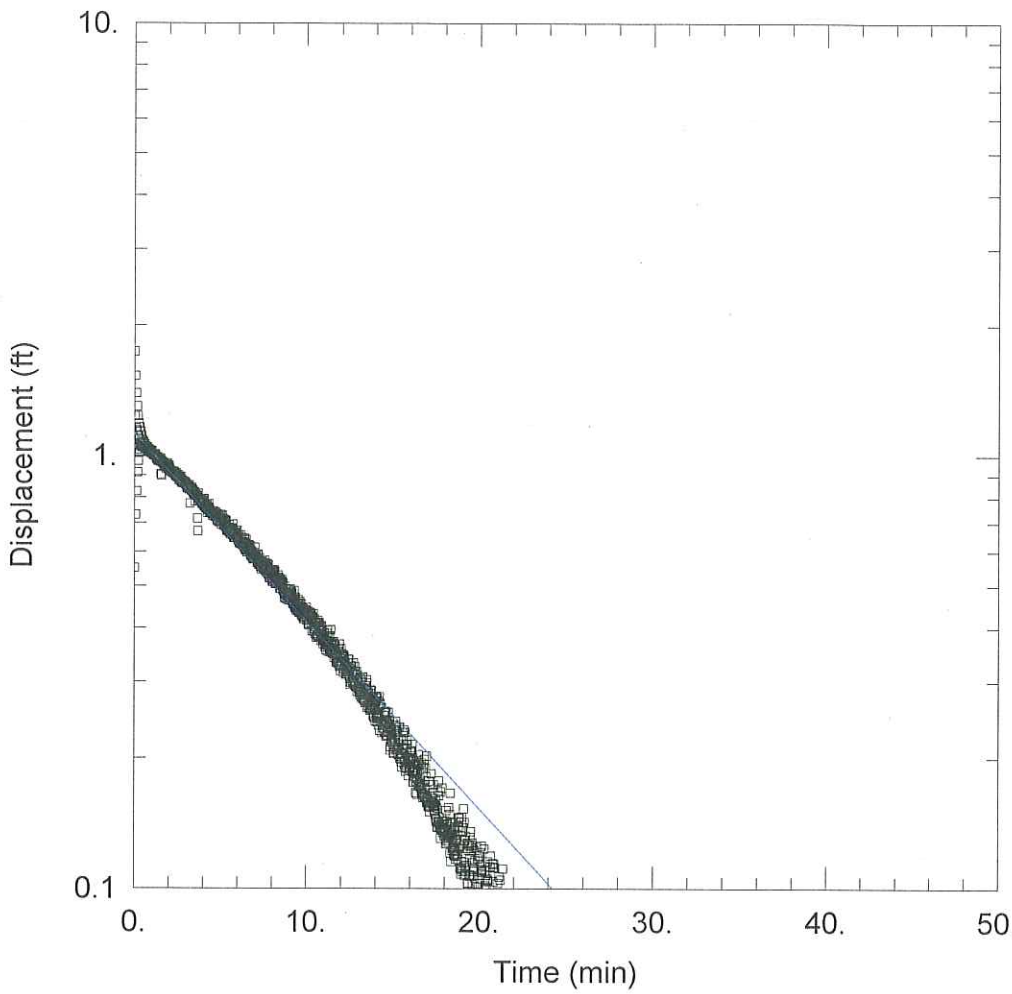
Saturated Thickness: 600. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW176C164174)

Initial Displacement: 1.85 ft
Total Well Penetration Depth: 72.39 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 72.39 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.133 ft/day
y0 = 1.357 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-176C\MW-176C 182-192 rising head.aqt
Date: 09/14/10 Time: 16:03:43

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

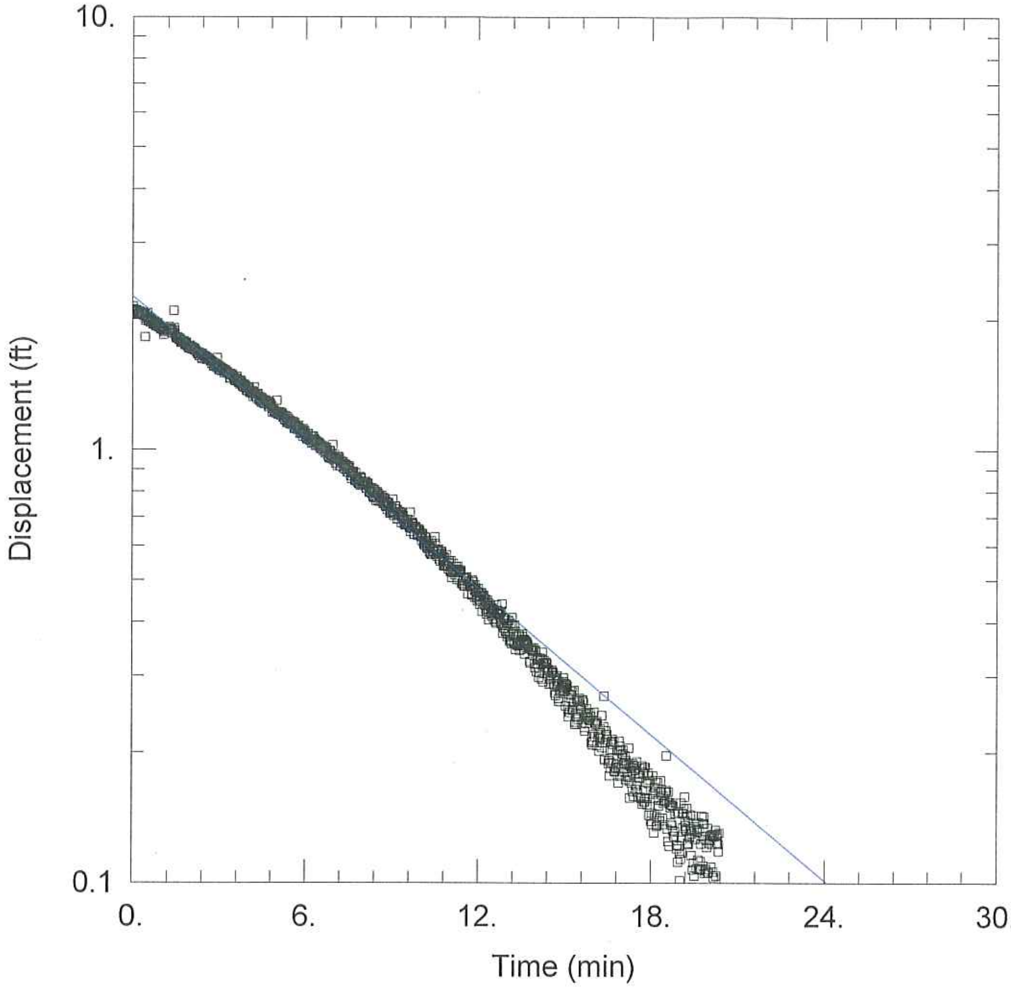
Saturated Thickness: 600. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW176C182192)

Initial Displacement: 1.74 ft
Total Well Penetration Depth: 78.54 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 78.54 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.1263 ft/day
y0 = 1.124 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-176C\MW-176C 209-219 falling head.aqt
Date: 09/14/10 Time: 16:04:16

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

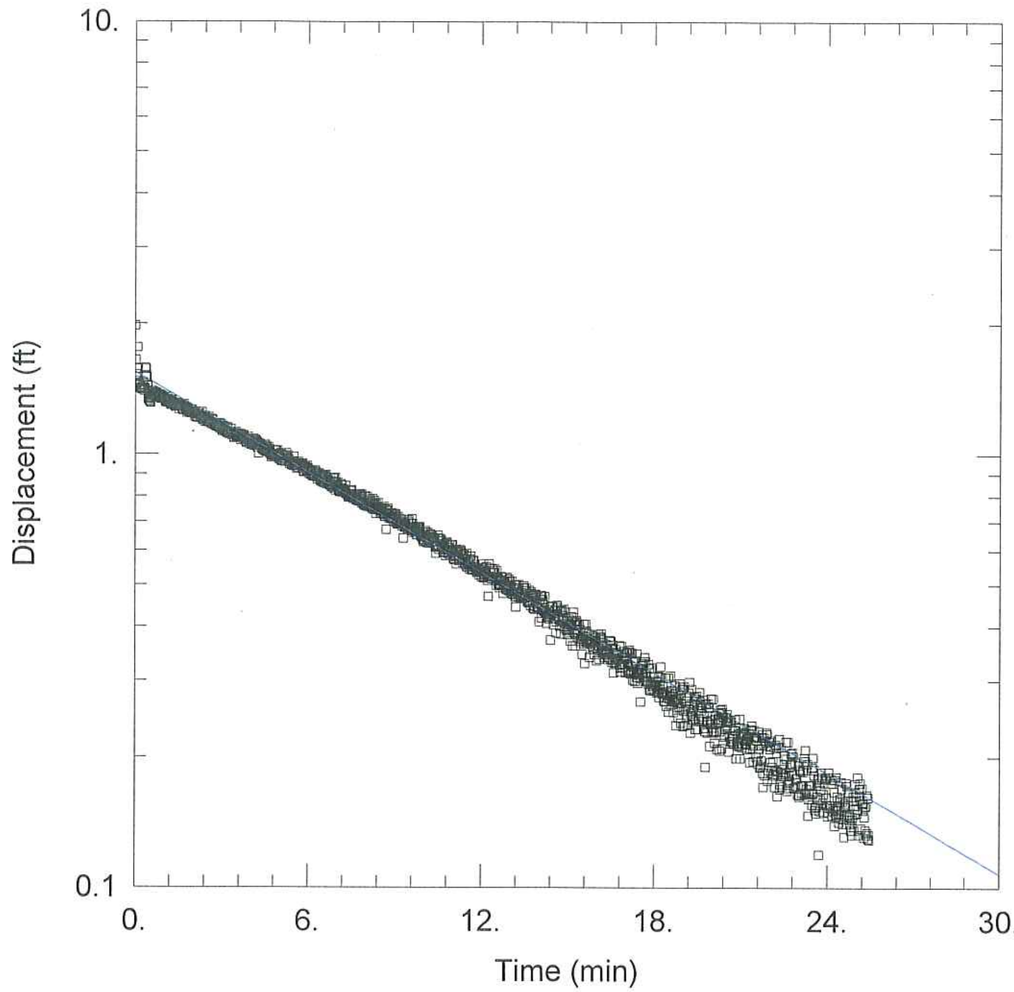
Saturated Thickness: 600. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW176C209219)

Initial Displacement: 2.14 ft
Total Well Penetration Depth: 95.93 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 95.93 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.1672 ft/day
y0 = 2.261 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-176C\MW-176C 209-219 risng head.aqt
Date: 09/14/10 Time: 16:04:55

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

Saturated Thickness: 600. ft Anisotropy Ratio (Kz/Kr): 1.

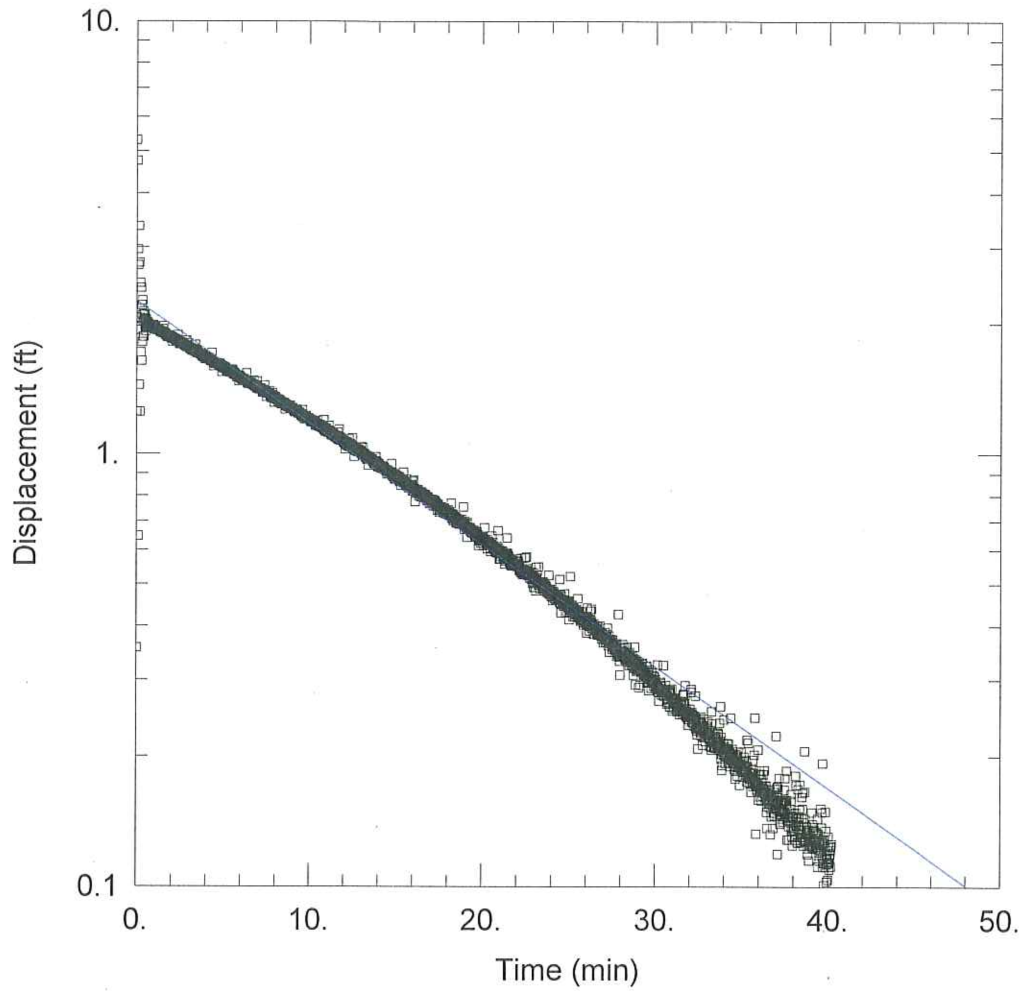
WELL DATA (MW176C209219)

Initial Displacement: 1.98 ft
Total Well Penetration Depth: 95.93 ft
Casing Radius: 0.08333 ft
Static Water Column Height: 95.93 ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.1147 ft/day y0 = 1.548 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-177C\MW-177C 235-245 falling head.aqt
Date: 09/14/10 Time: 16:07:06

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

Saturated Thickness: 600. ft Anisotropy Ratio (Kz/Kr): 1.

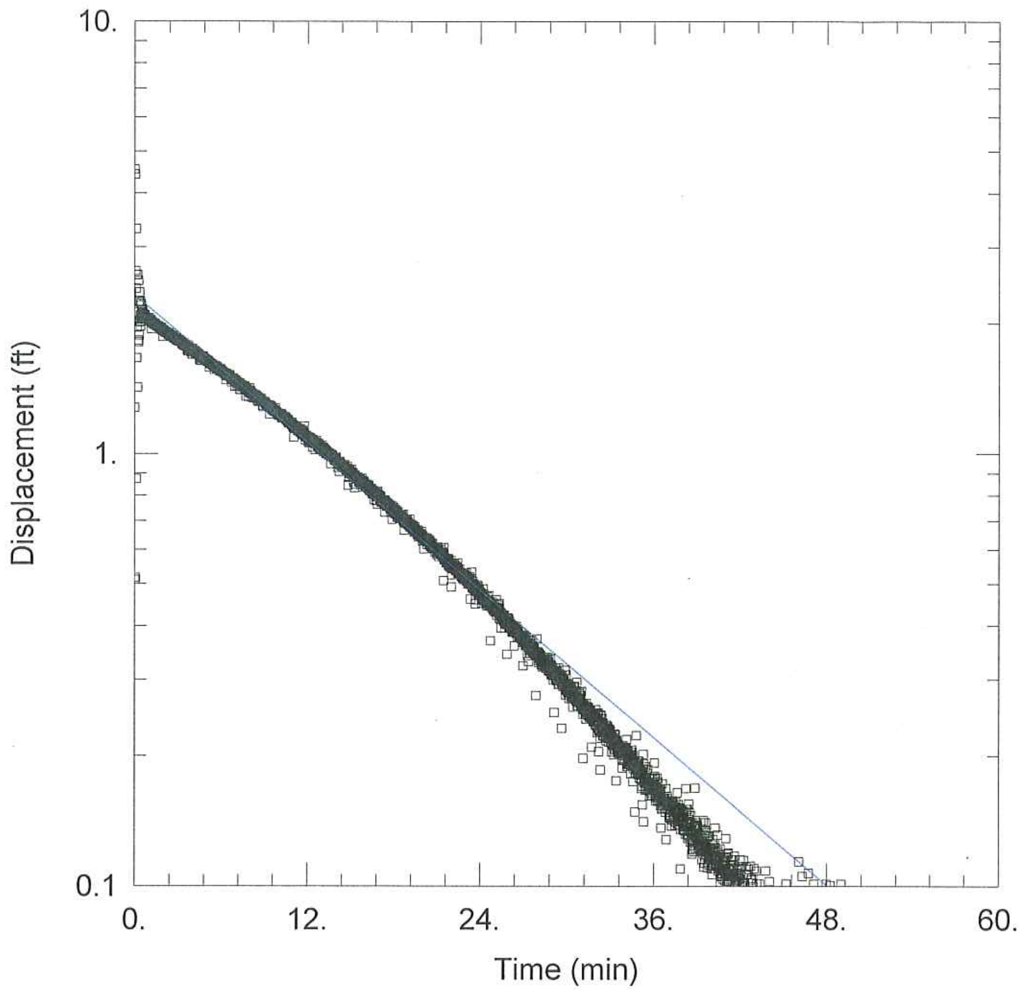
WELL DATA (MW177C235245)

Initial Displacement: 5.31 ft
Total Well Penetration Depth: 139. ft
Casing Radius: 0.08333 ft
Static Water Column Height: 139. ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.08652 ft/day y0 = 2.254 ft



WELL TEST ANALYSIS

Data Set: U:\JHale\28077 Packer Slug Testing Analysis\MW-177C\MW-177C 235-245 rising head.aqt
Date: 09/14/10 Time: 16:07:33

PROJECT INFORMATION

Company: Kleinfelder East, Inc.
Client: ExxonMobil
Location: Phoenix, MD

AQUIFER DATA

Saturated Thickness: 600. ft Anisotropy Ratio (Kz/Kr): 1.

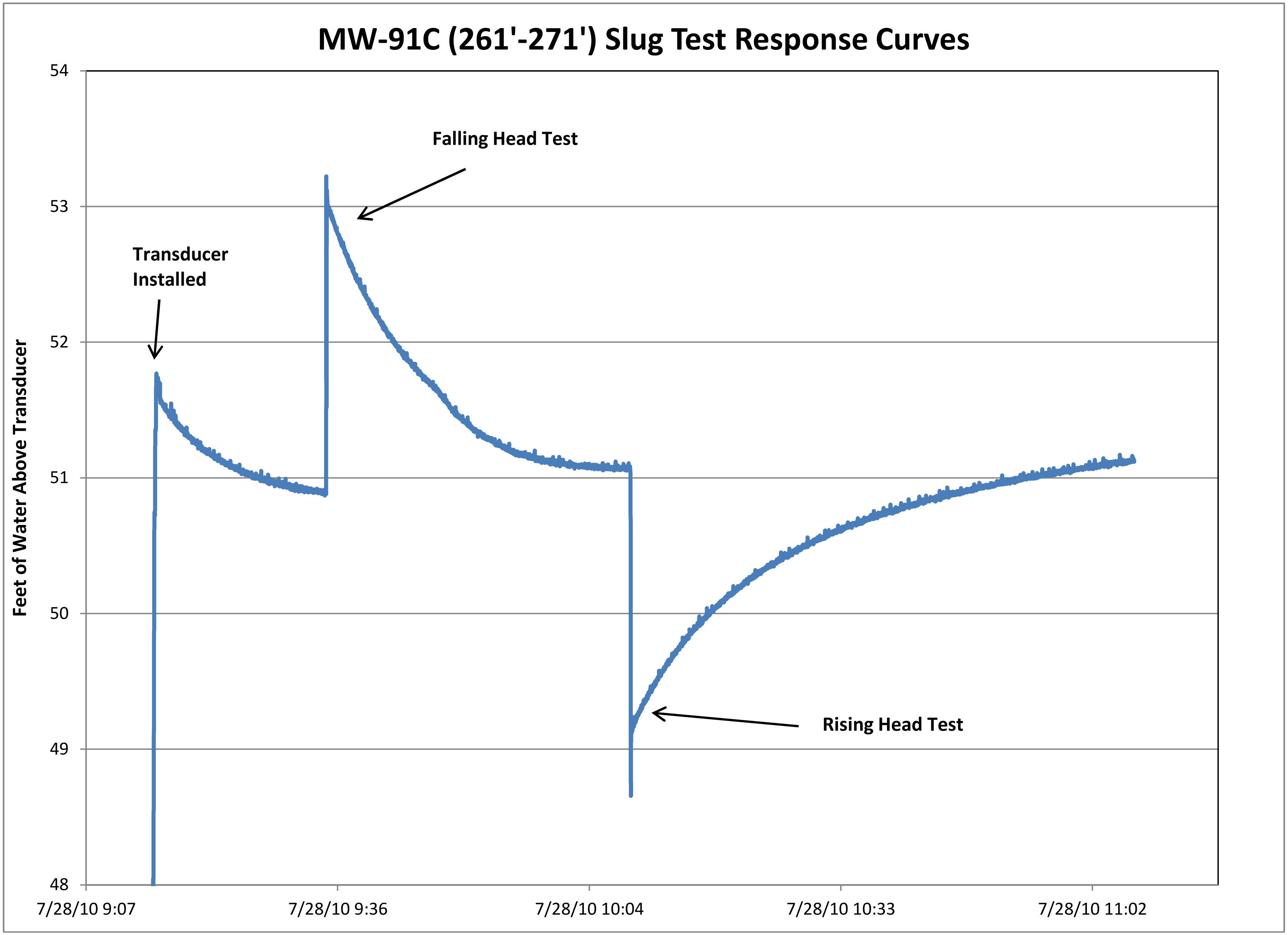
WELL DATA (MW177C235245)

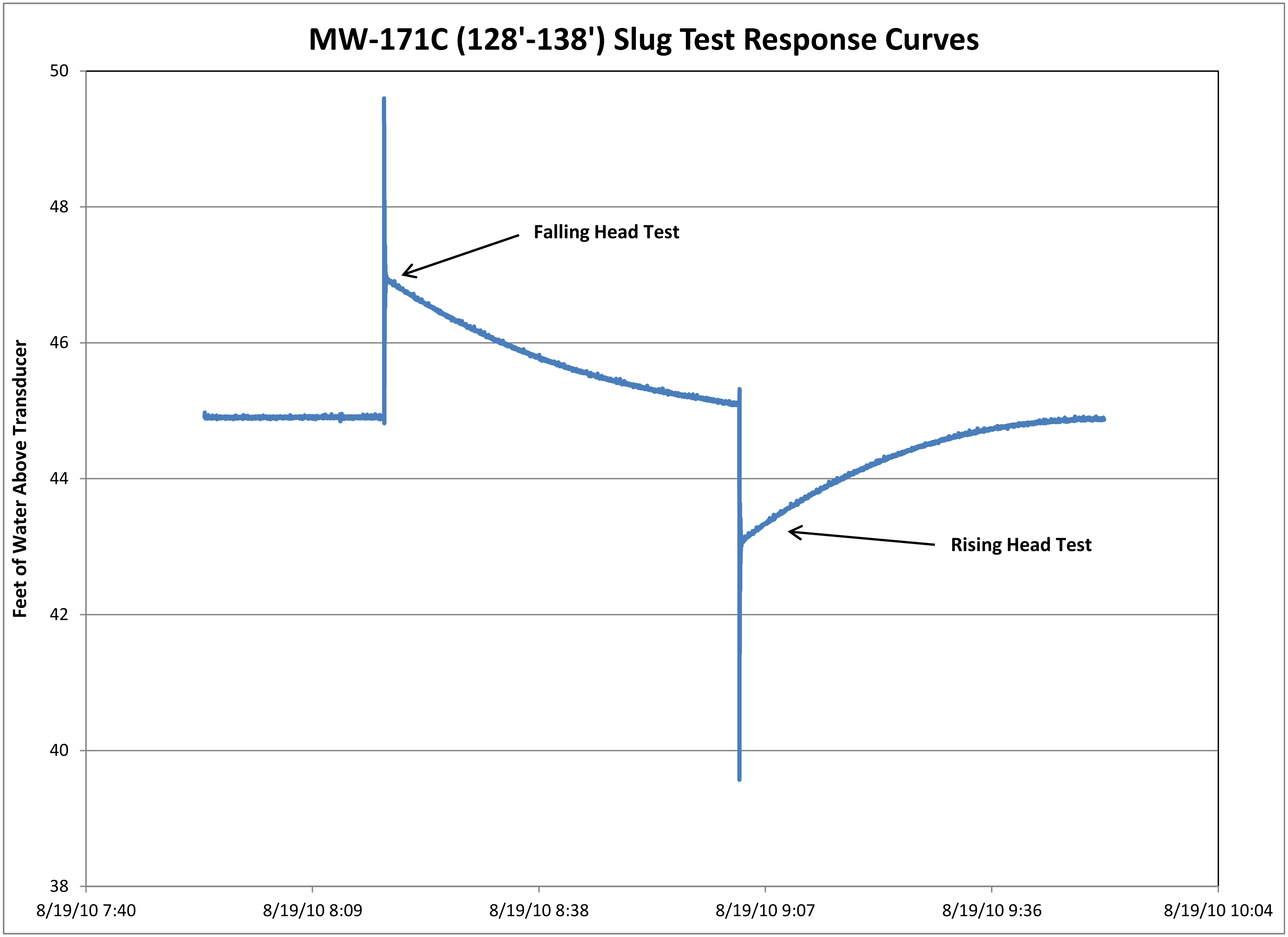
Initial Displacement: 4.54 ft
Total Well Penetration Depth: 139. ft
Casing Radius: 0.08333 ft
Static Water Column Height: 139. ft
Screen Length: 10. ft
Wellbore Radius: 0.4167 ft

SOLUTION

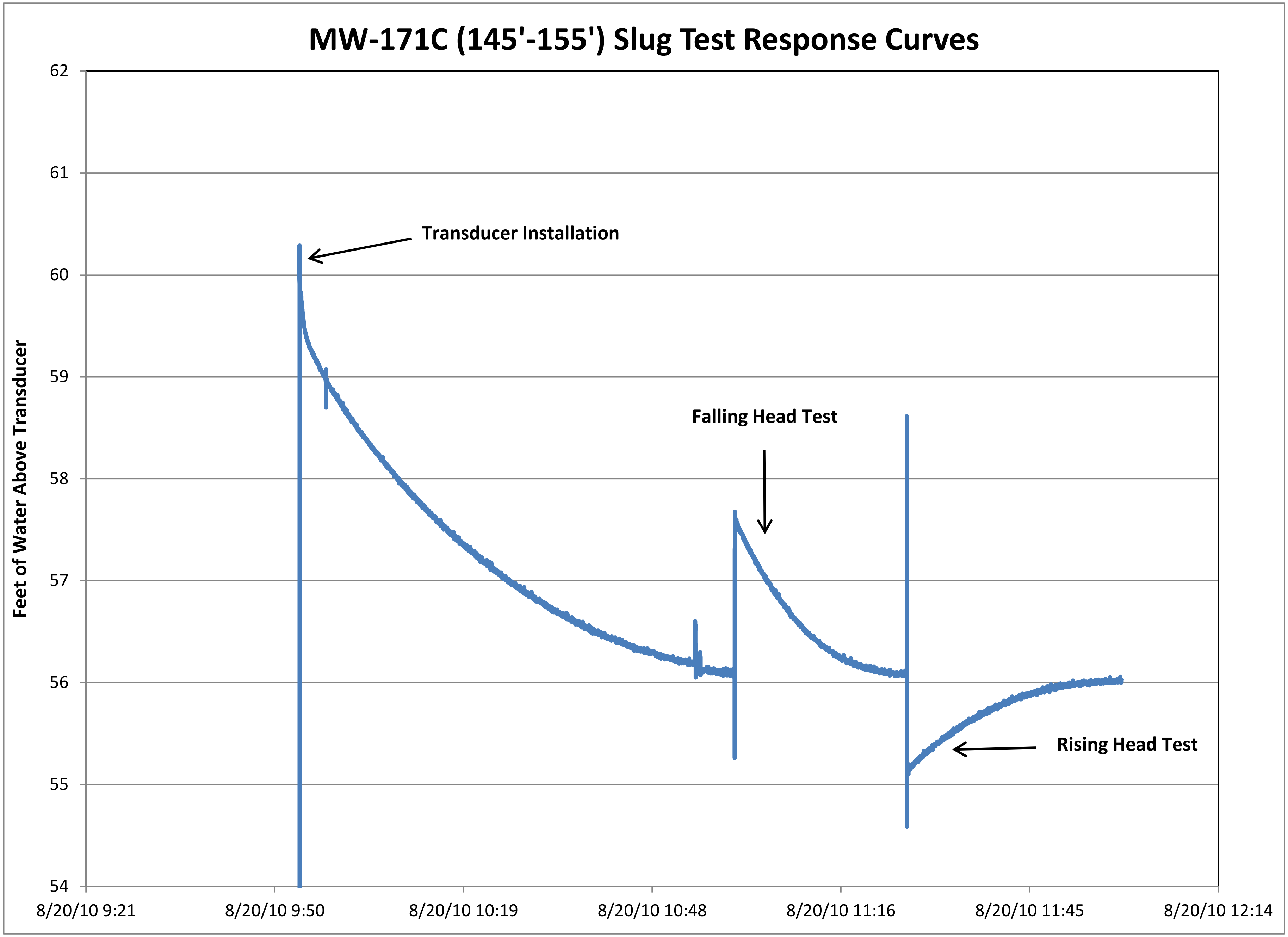
Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.08744 ft/day y0 = 2.328 ft

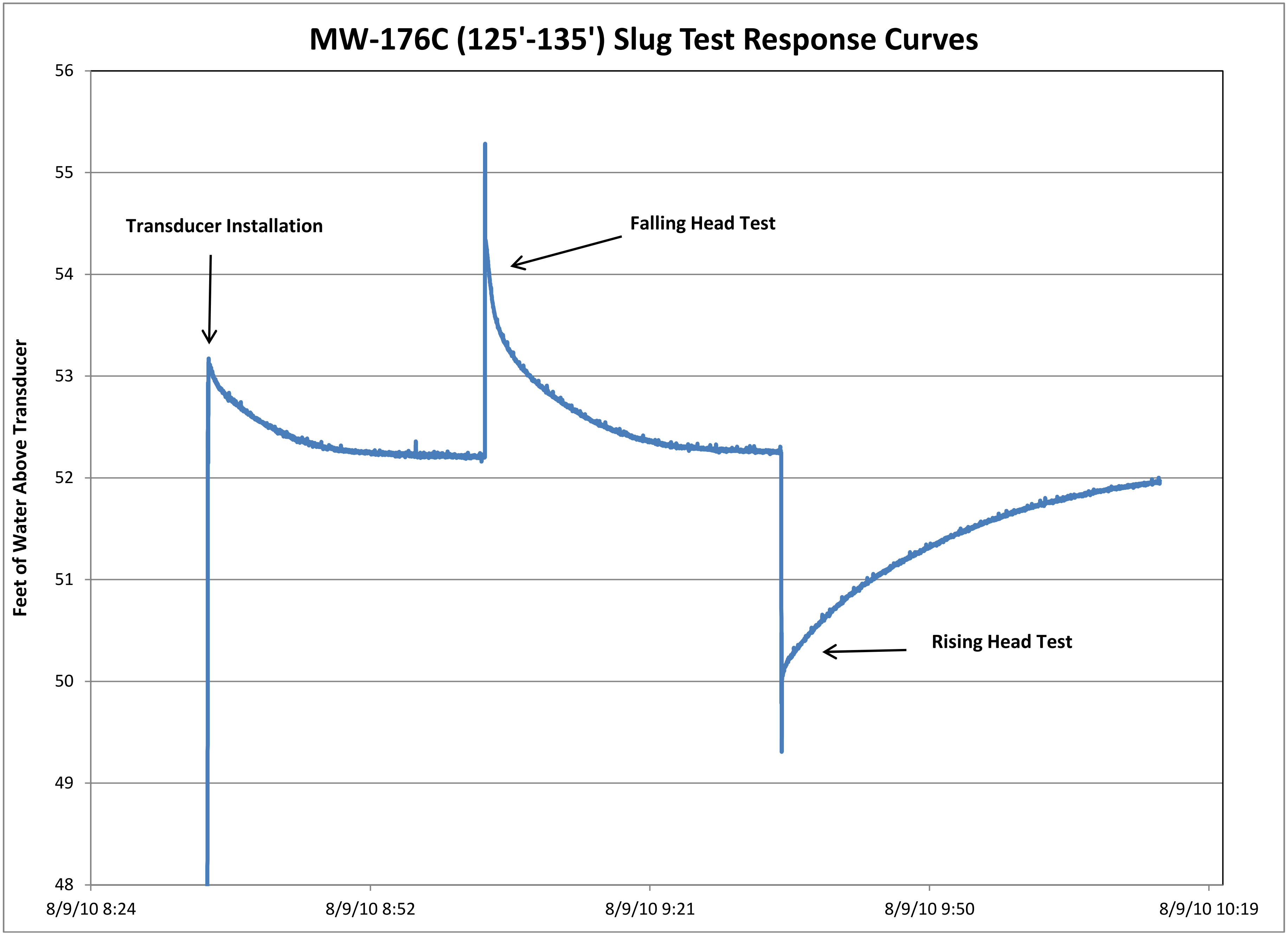

MW-91C (261'-271') Slug Test Response Curves
Feet of Water Above Transducer
54
53
52
51
50
49
48
7/28/10 9:07
7/28/10 9:36
7/28/10 10:04
7/28/10 10:33
7/28/10 11:02
Transducer
Installed
Falling Head Test
Rising Head Test

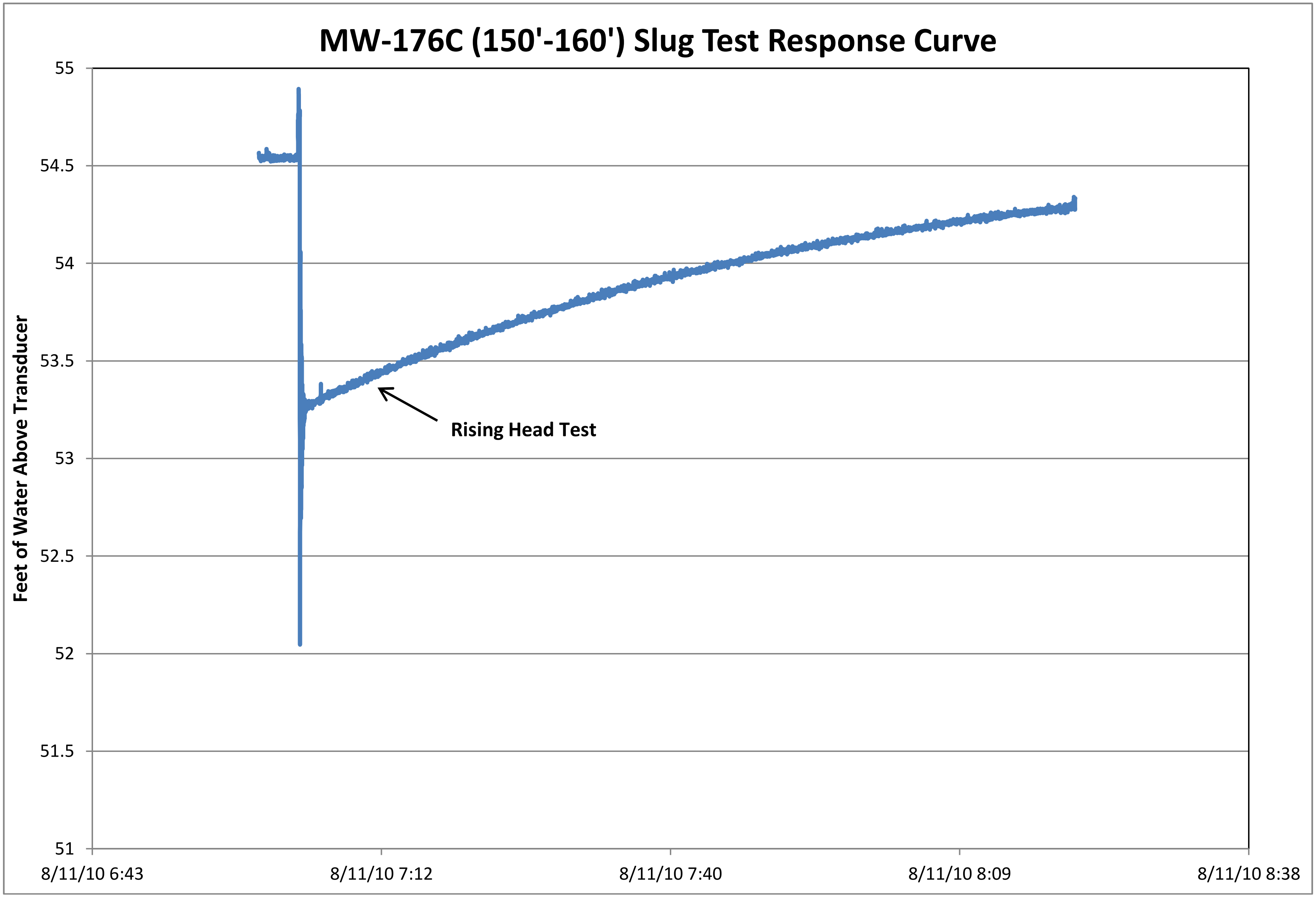


MW-171C (128'-138') Slug Test Response Curves
Feet of Water Above Transducer
50
48
46
44
42
40
38
8/19/10 7:40
8/19/10 8:09
8/19/10 8:38
8/19/10 9:07
8/19/10 9:36
8/19/10 10:04
Falling Head Test
Rising Head Test

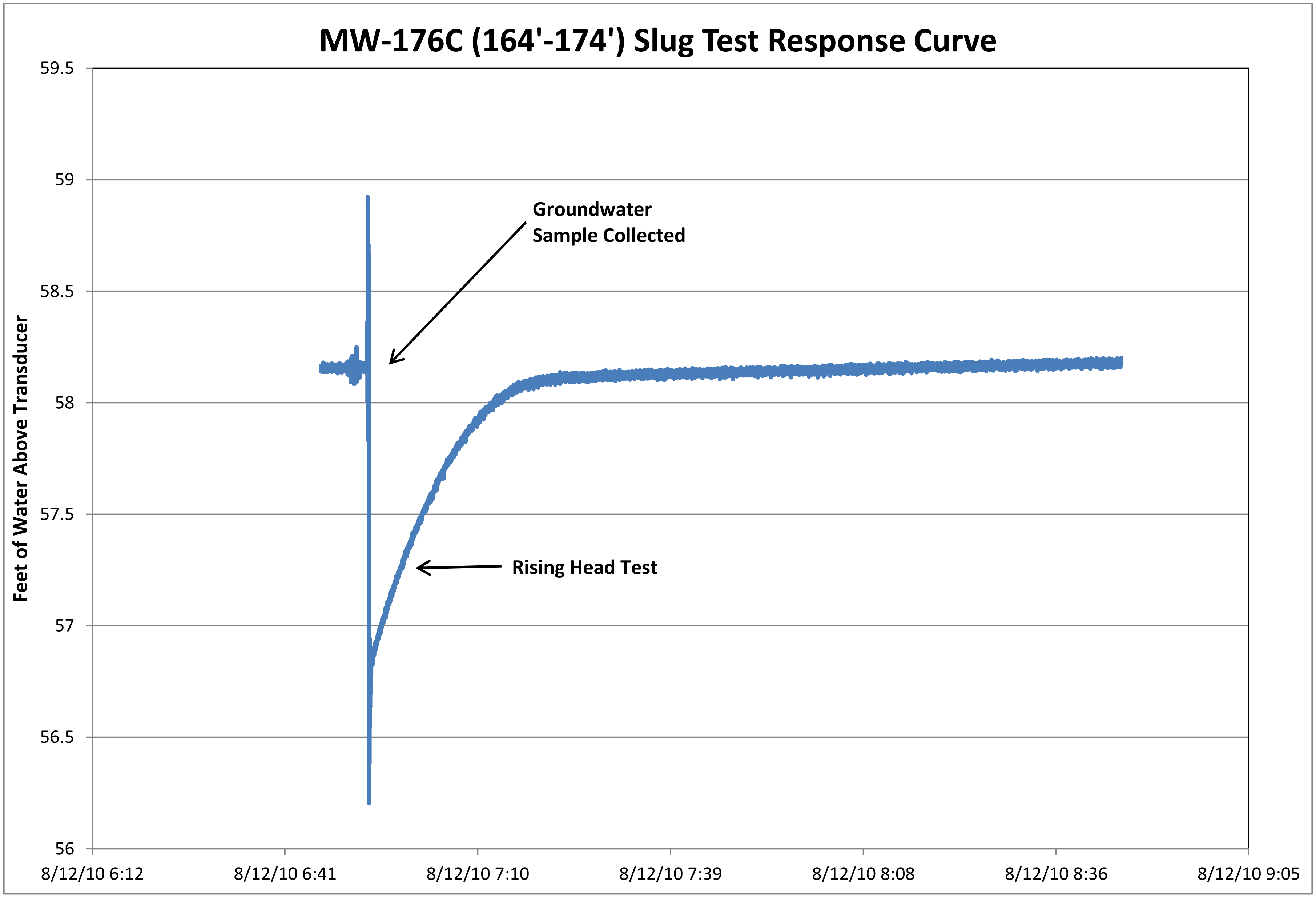


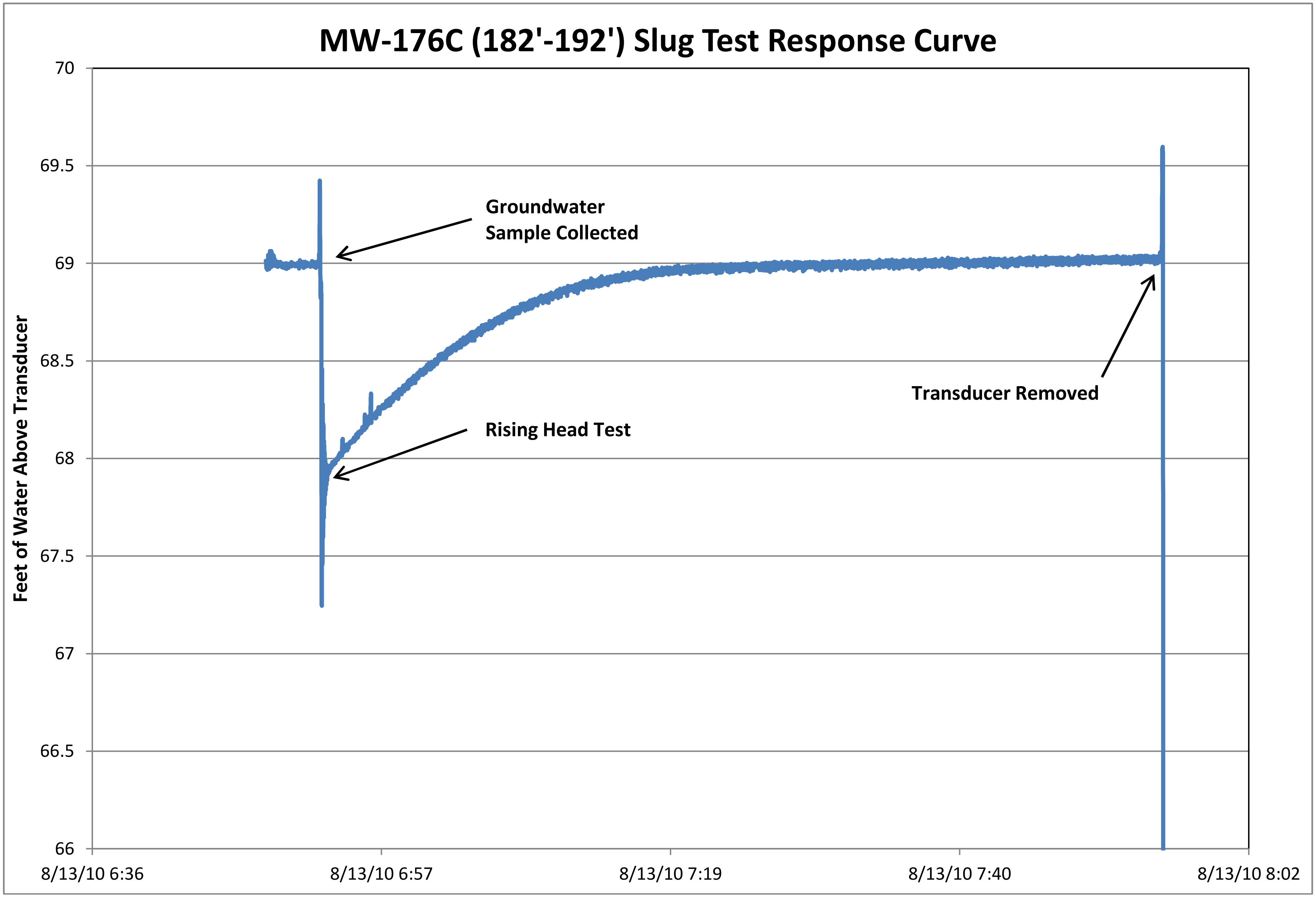
MW-171C (145'-155') Slug Test Response Curves
Feet of Water Above Transducer
62
61
60
59
58
57
56
55
54
8/20/10 9:21
8/20/10 9:50
8/20/10 10:19
8/20/10 10:48
8/20/10 11:16
8/20/10 11:45
8/20/10 12:14
Transducer Installation
Falling Head Test
Rising Head Test

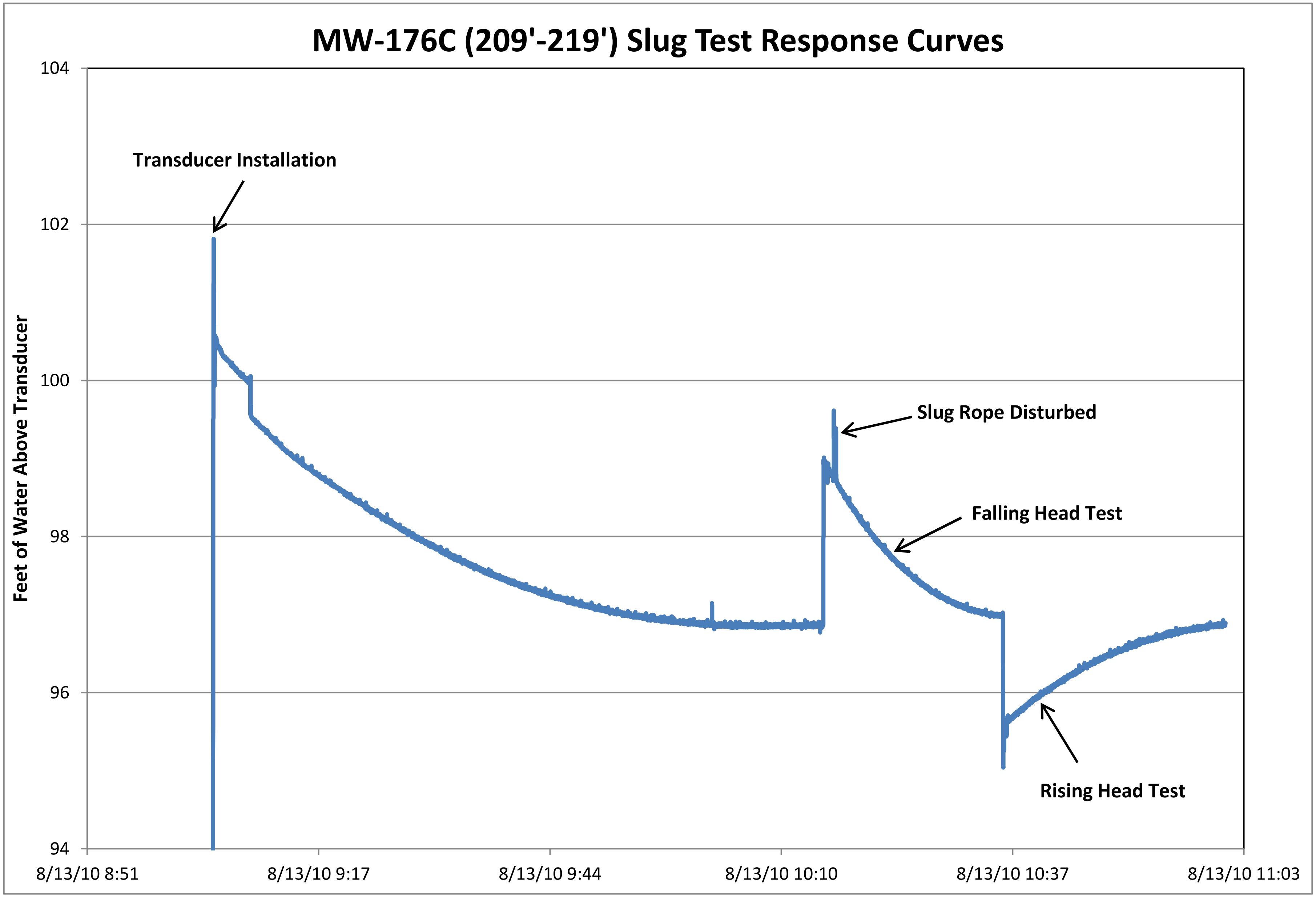

MW-176C (125'-135') Slug Test Response Curves
Feet of Water Above Transducer
56
55
54
53
52
51
50
49
48
8/9/10 8:24
8/9/10 8:52
8/9/10 9:21
8/9/10 9:50
8/9/10 10:19
Transducer Installation
Falling Head Test
Rising Head Test



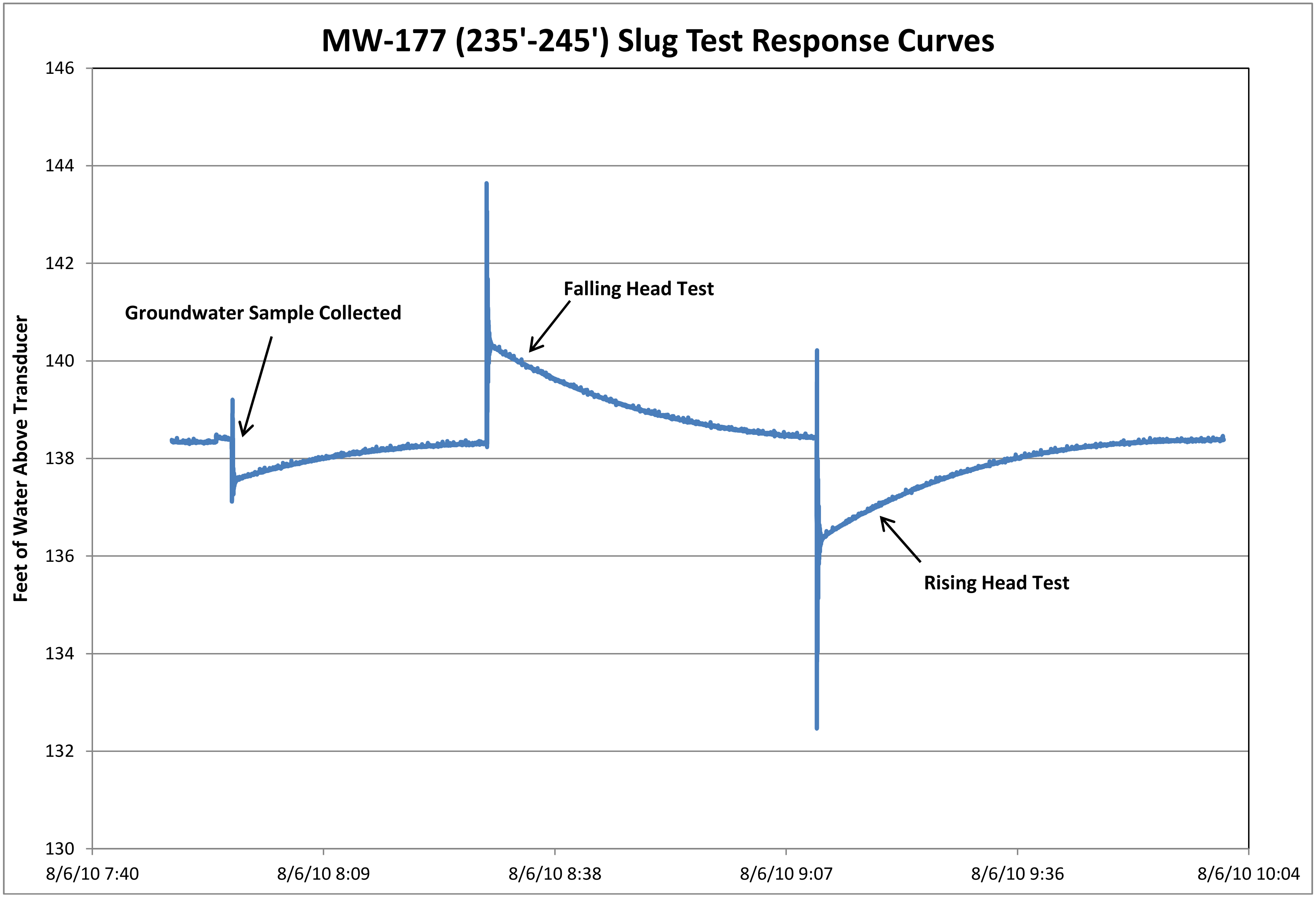
MW-176C (150'-160') Slug Test Response Curve
Feet of Water Above Transducer
55
54.5
54
53.5
53
52.5
52
51.5
51
Rising Head Test
8/11/10 6:43
8/11/10 7:12
8/11/10 7:40
8/11/10 8:09
8/11/10 8:38


MW-176C (164'-174') Slug Test Response Curve
Feet of Water Above Transducer
59.5
59
58.5
58
57.5
57
56.5
56
8/12/10 6:12
8/12/10 6:41
8/12/10 7:10
8/12/10 7:39
8/12/10 8:08
8/12/10 8:36
8/12/10 9:05
Groundwater
Sample Collected
Rising Head Test

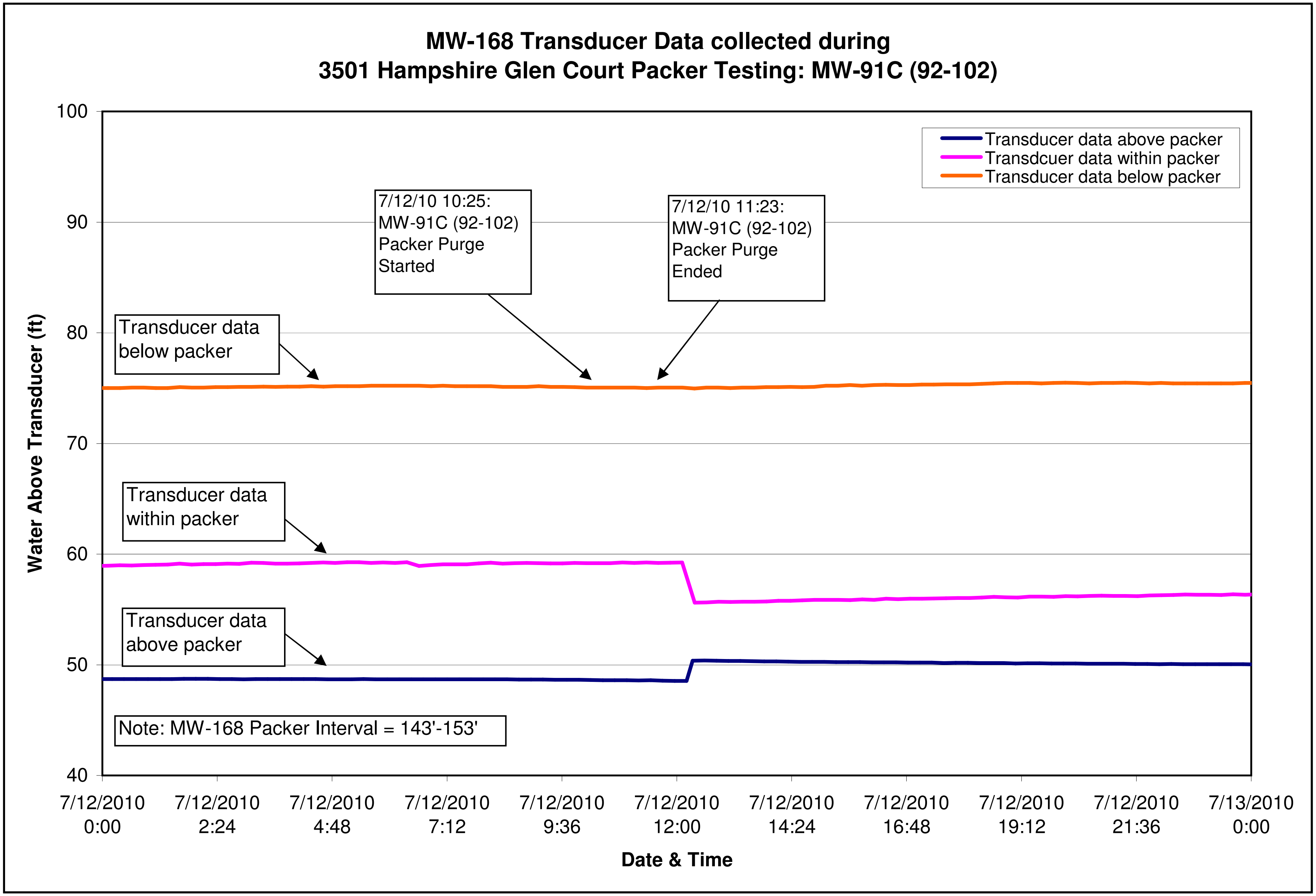

MW-176C (182'-192') Slug Test Response Curve
Feet of Water Above Transducer
70
69.5
69
68.5
68
67.5
67
66.5
66
8/13/10 6:36
8/13/10 6:57
8/13/10 7:19
8/13/10 7:40
8/13/10 8:02
Groundwater Sample Collected
Rising Head Test
Transducer Removed



MW-176C (209'-219') Slug Test Response Curves
Feet of Water Above Transducer
104
102
100
98
96
94
8/13/10 8:51
8/13/10 9:17
8/13/10 9:44
8/13/10 10:10
8/13/10 10:37
8/13/10 11:03
Transducer Installation
Slug Rope Disturbed
Falling Head Test
Rising Head Test


MW-177 (235'-245') Slug Test Response Curves
Feet of Water Above Transducer
146
144
142
140
138
136
134
132
130
8/6/10 7:40
8/6/10 8:09
8/6/10 8:38
8/6/10 9:07
8/6/10 9:36
8/6/10 10:04
Groundwater Sample Collected
Falling Head Test
Rising Head Test

APPENDIX L
Cross-hole Packer Testing Data and Plots



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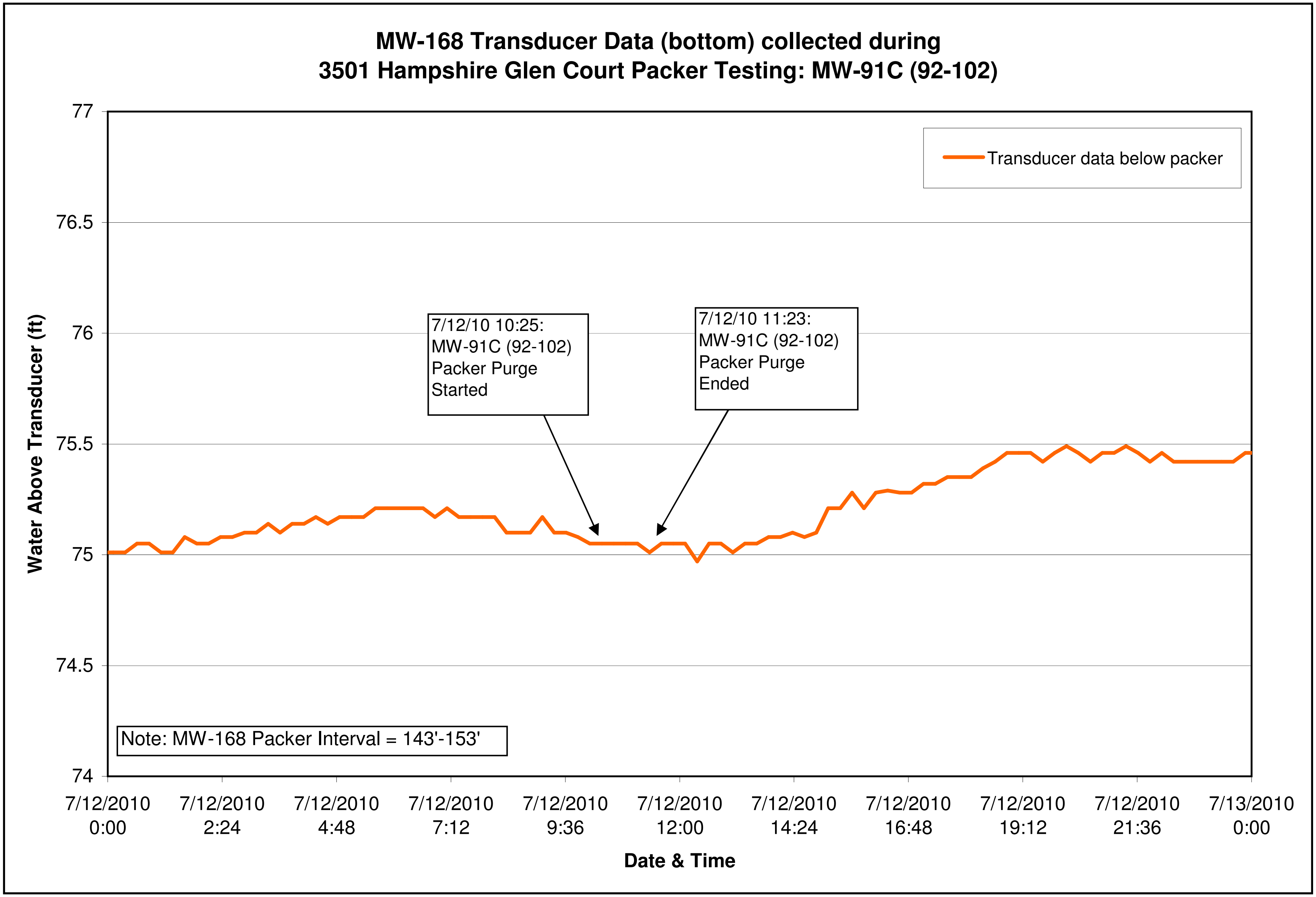
Hanover, Maryland



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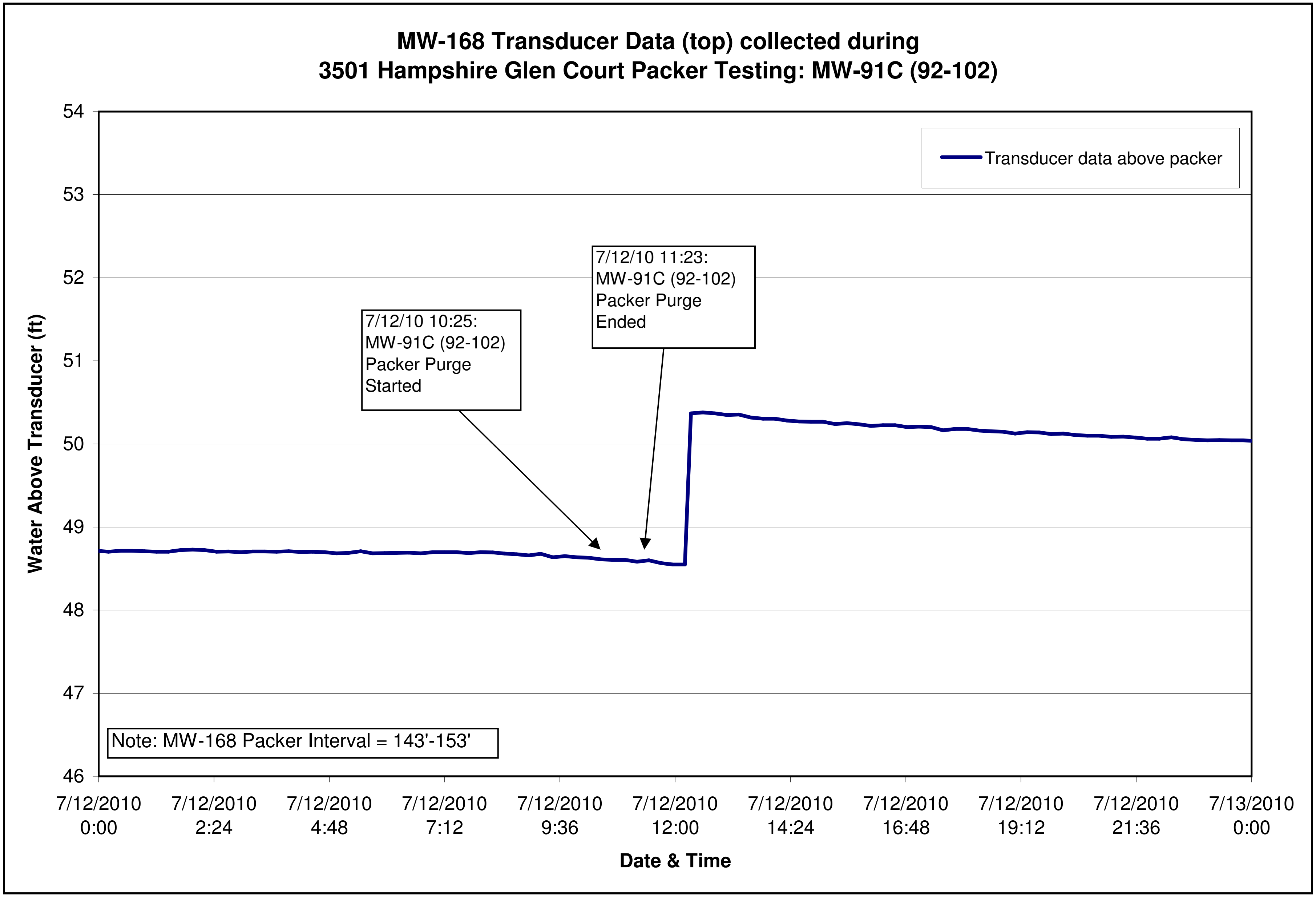

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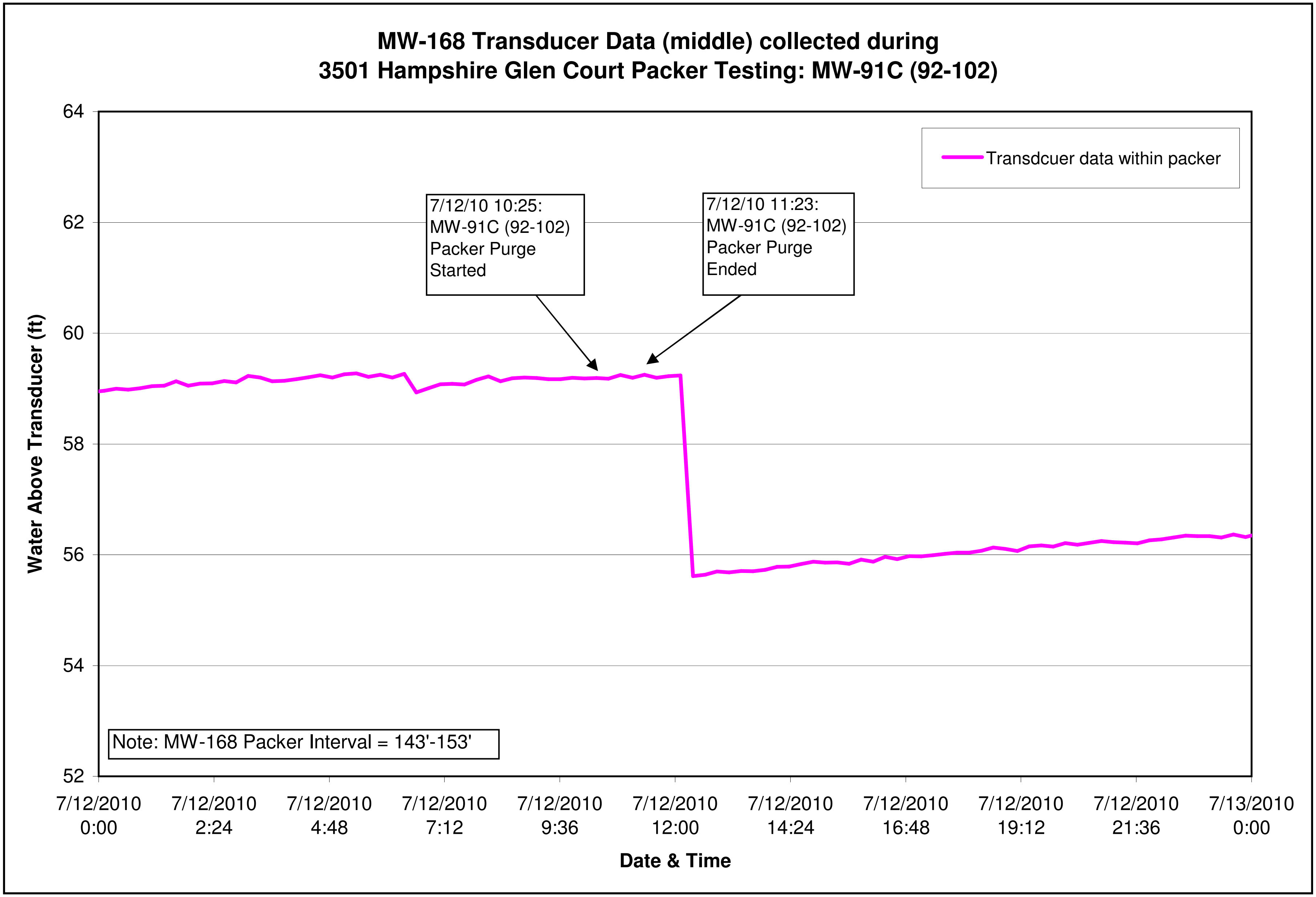

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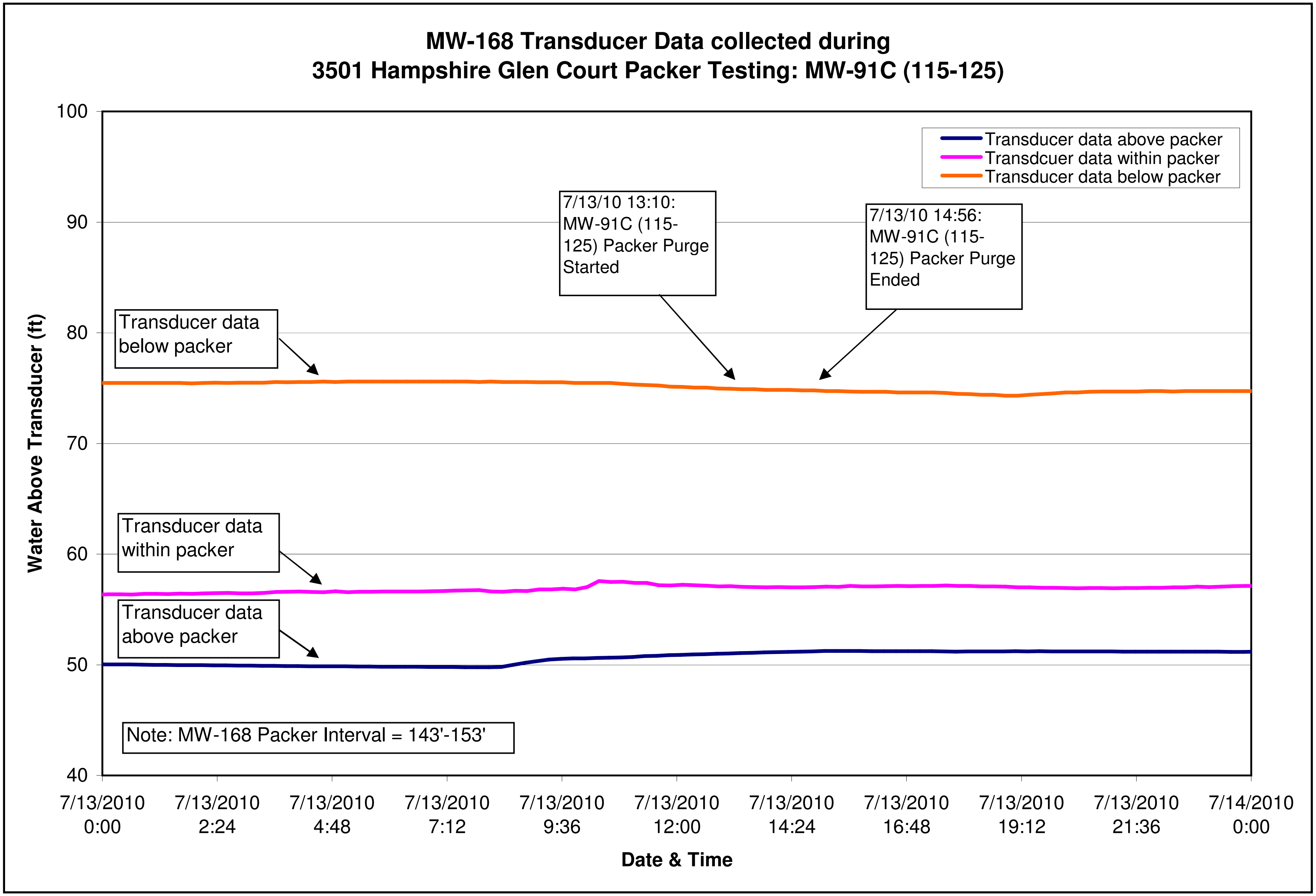

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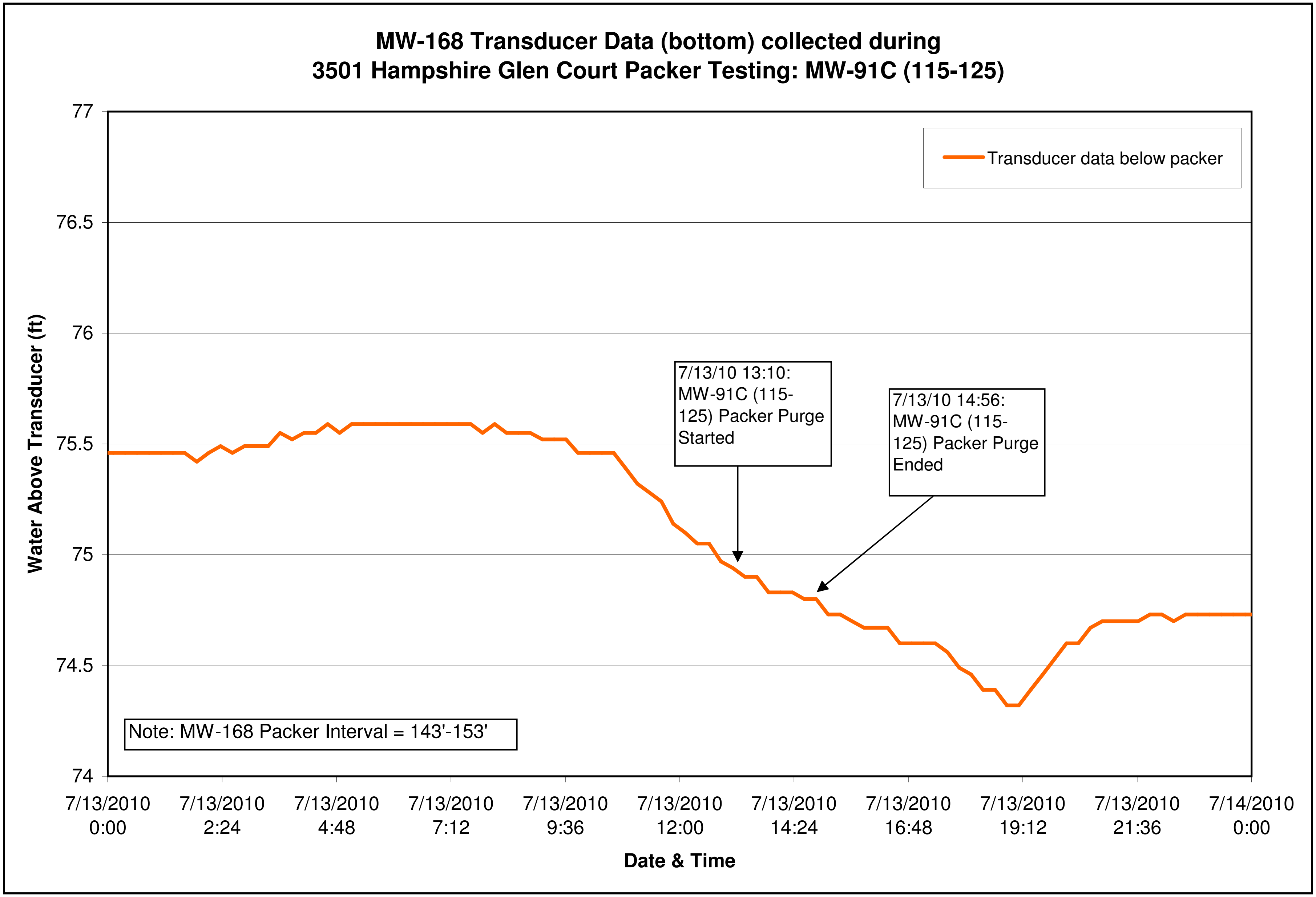

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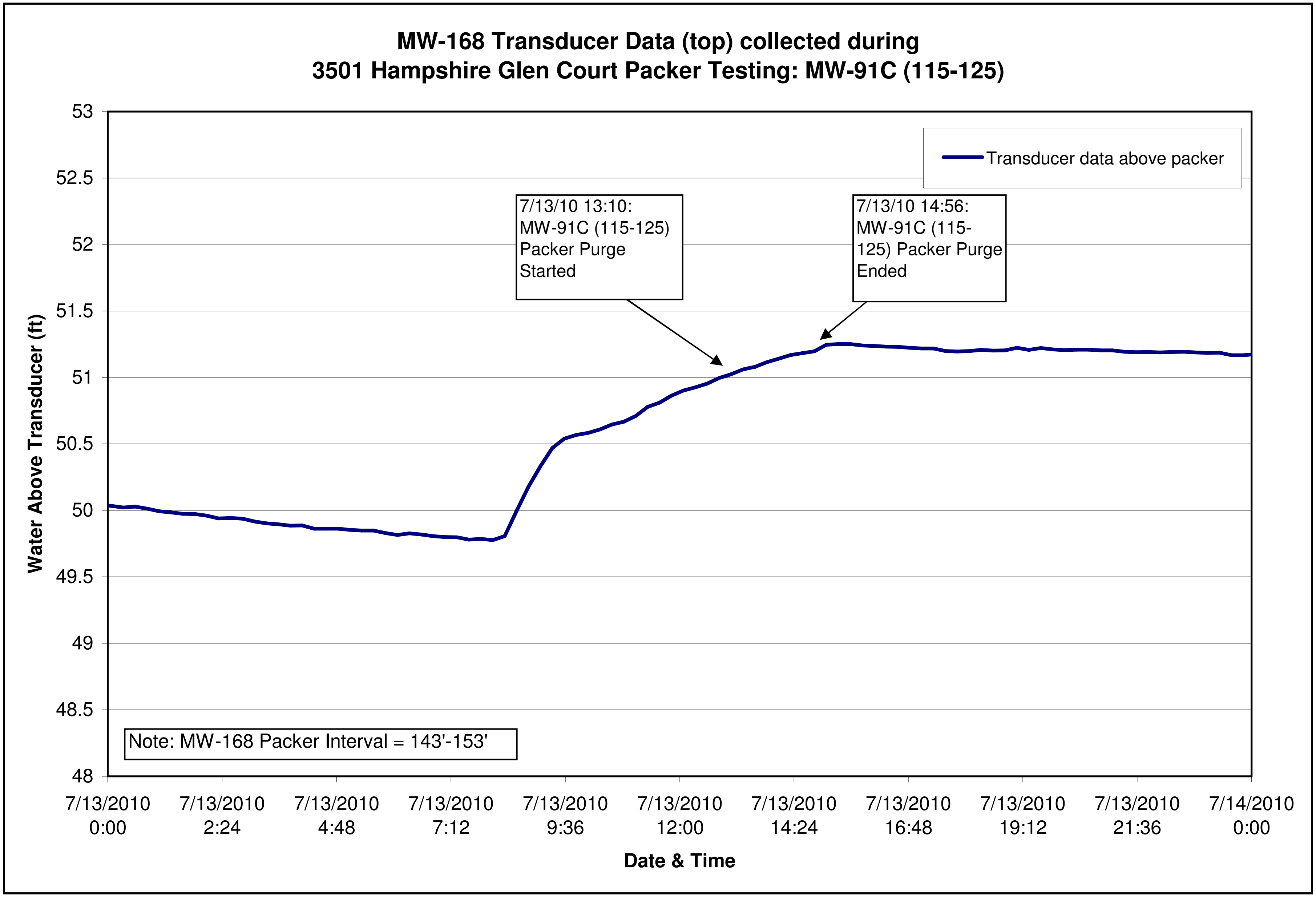

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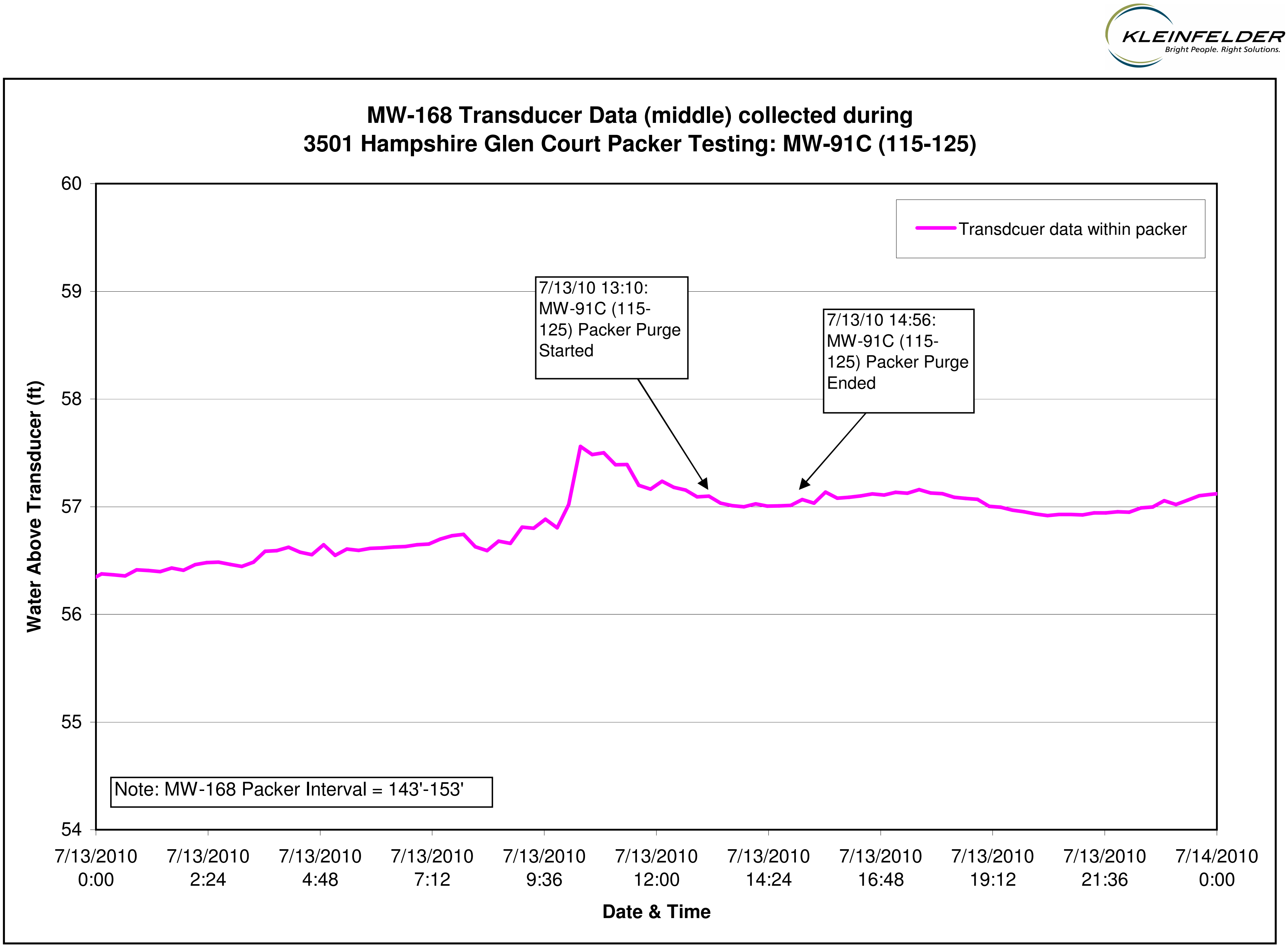

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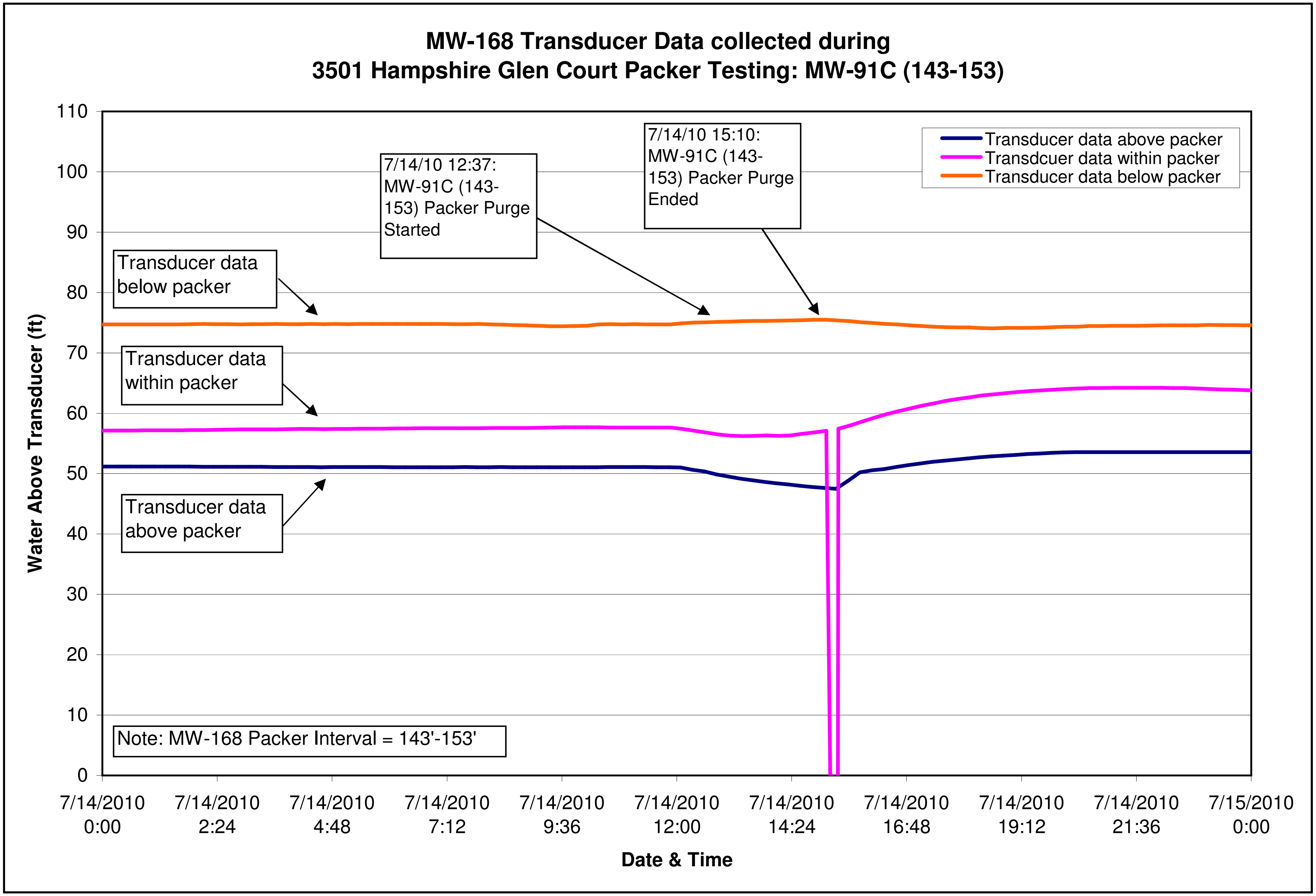

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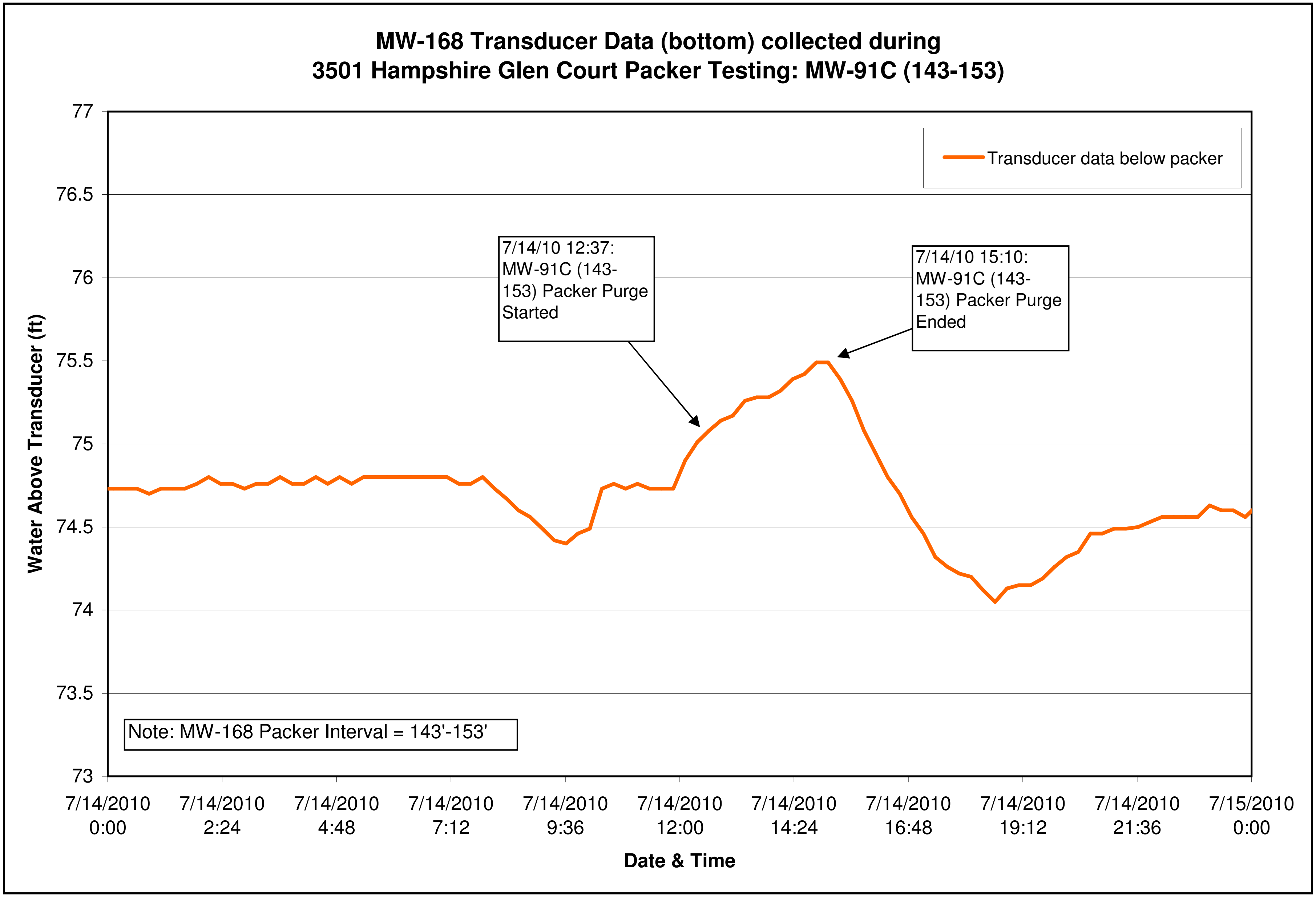

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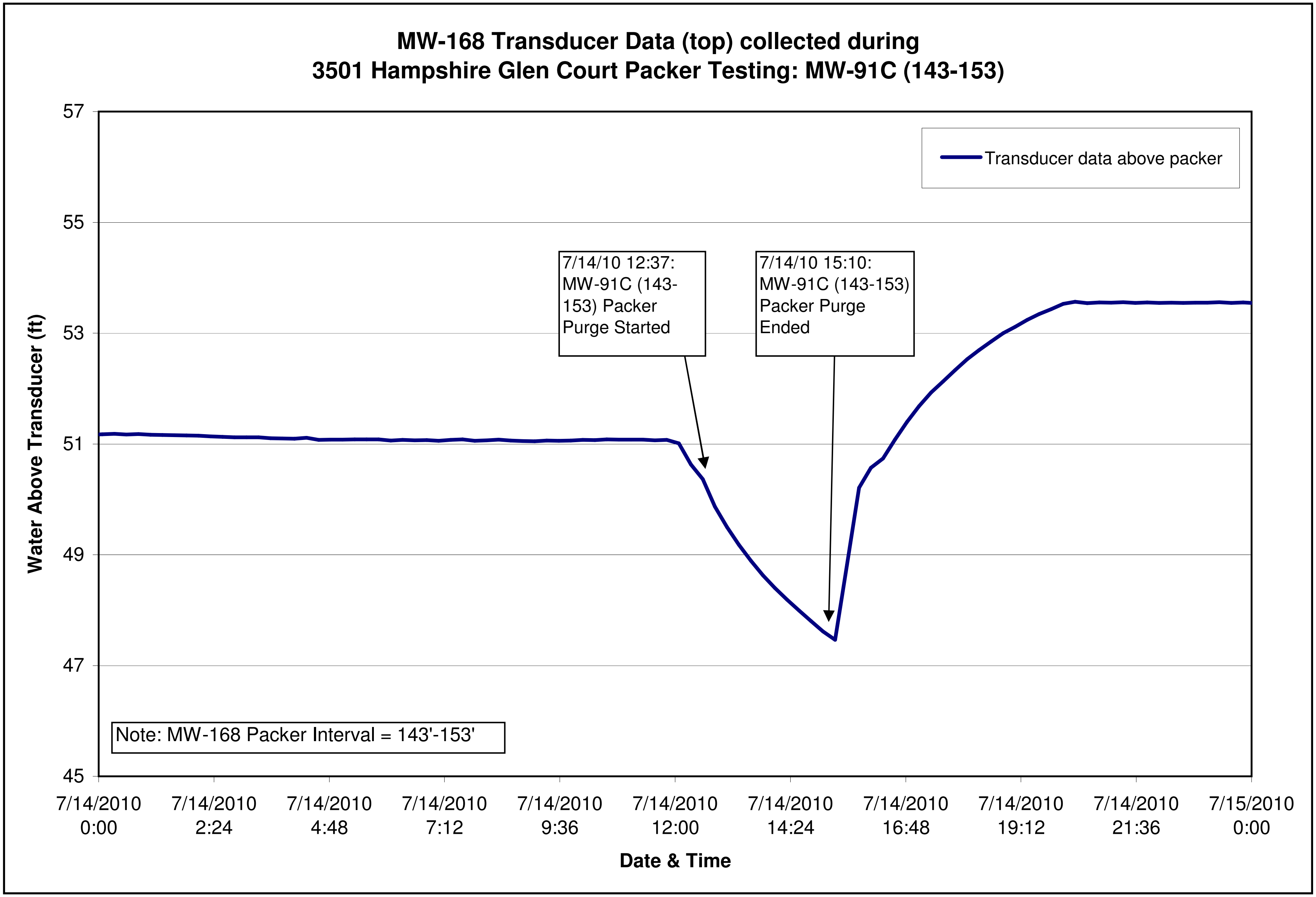

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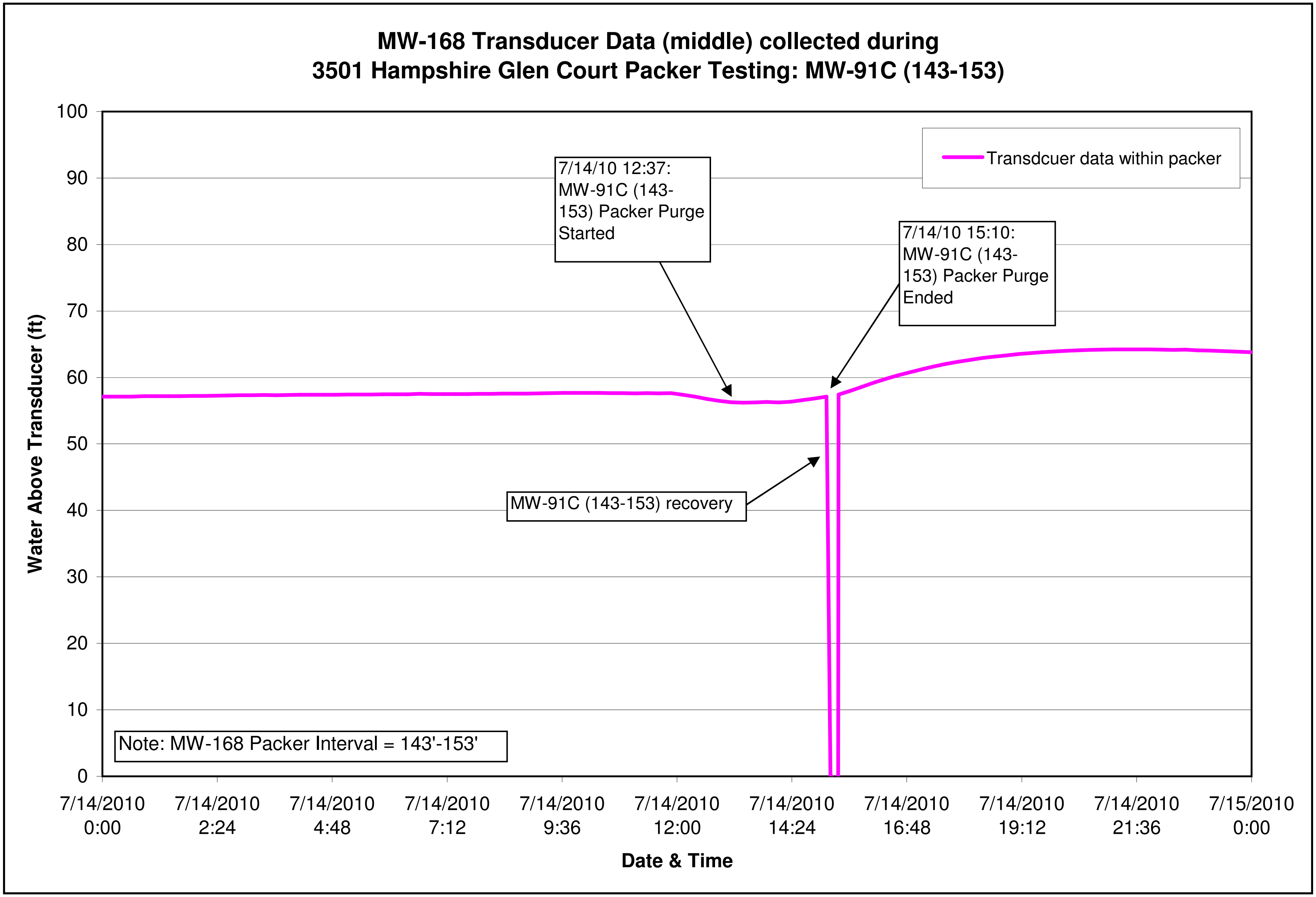

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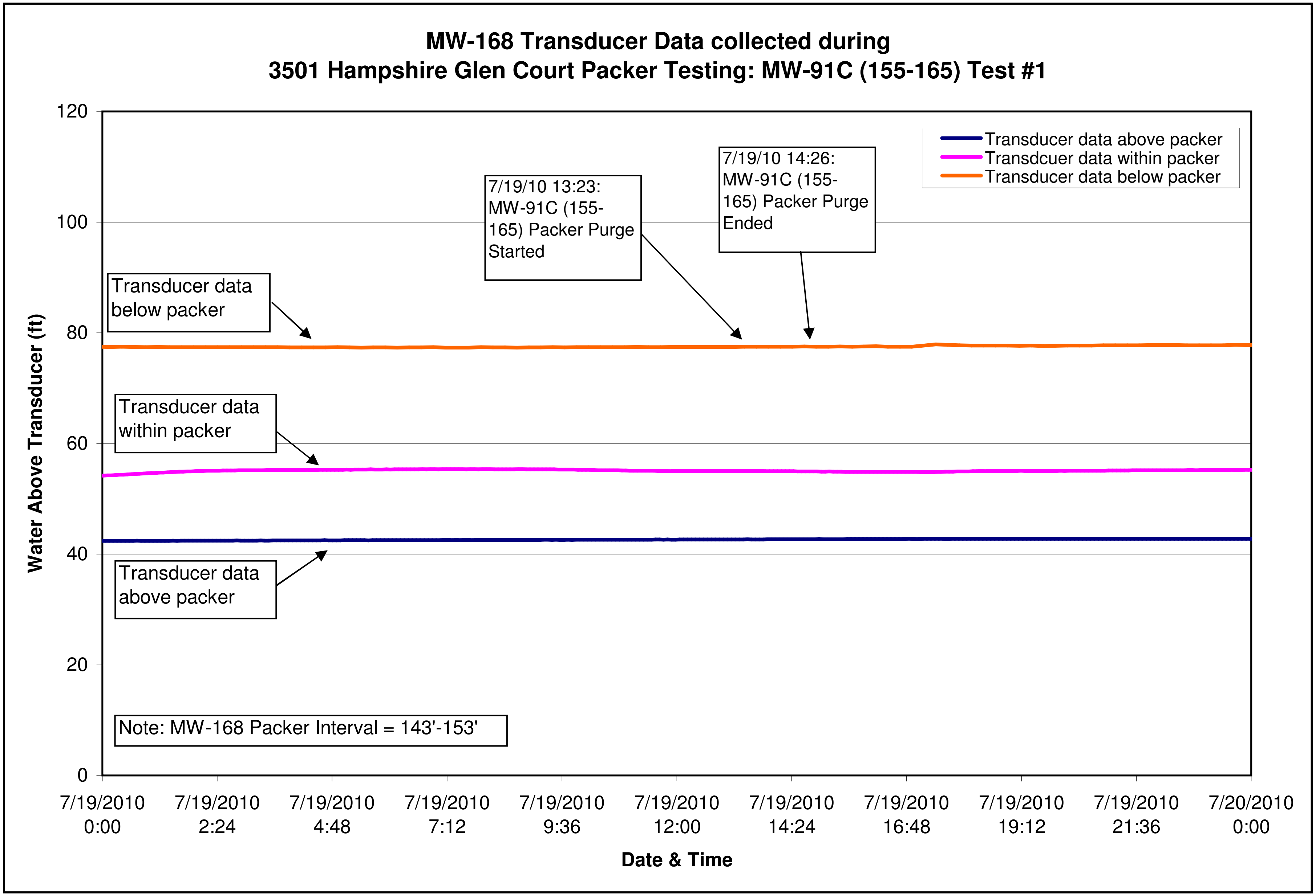

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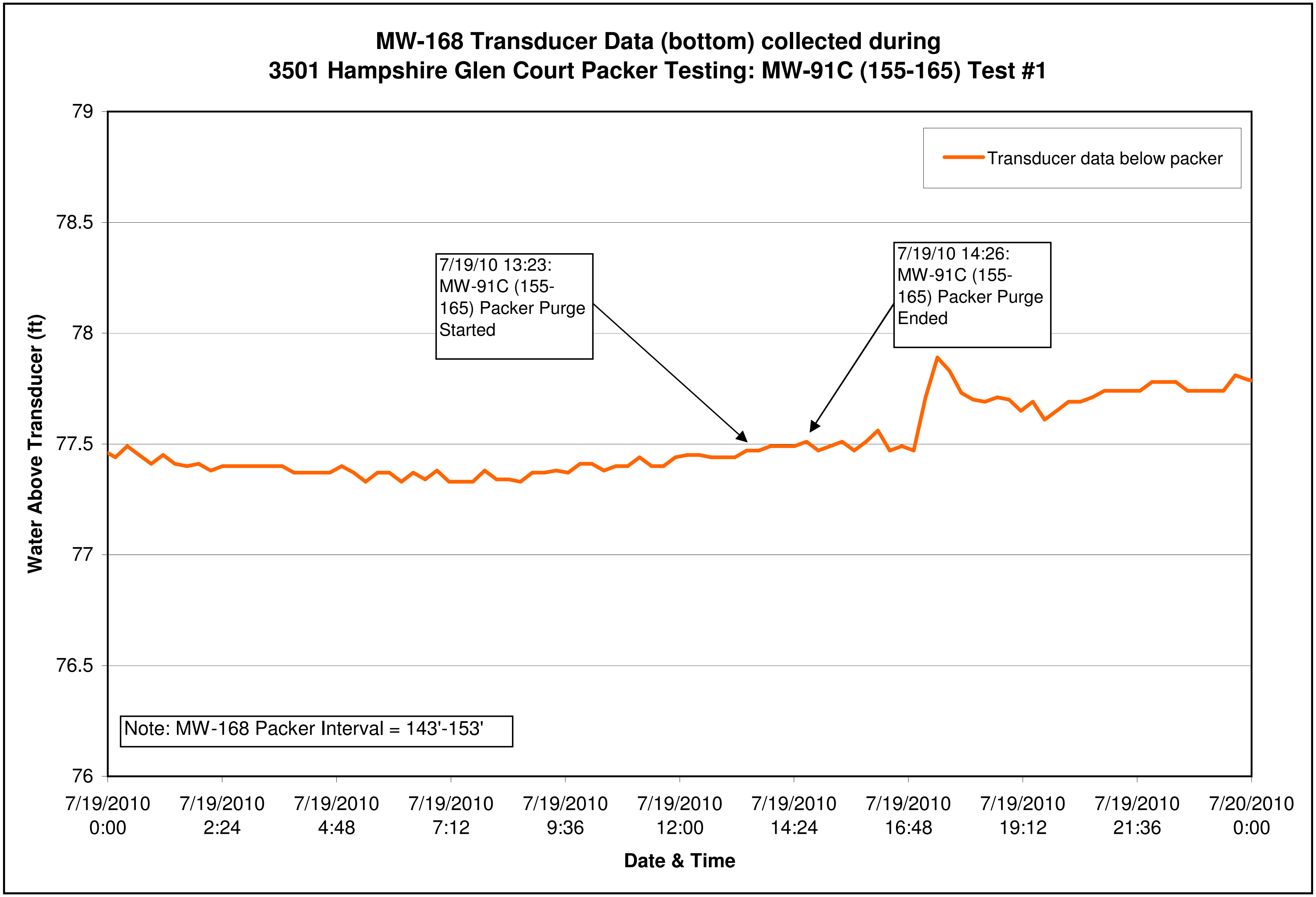

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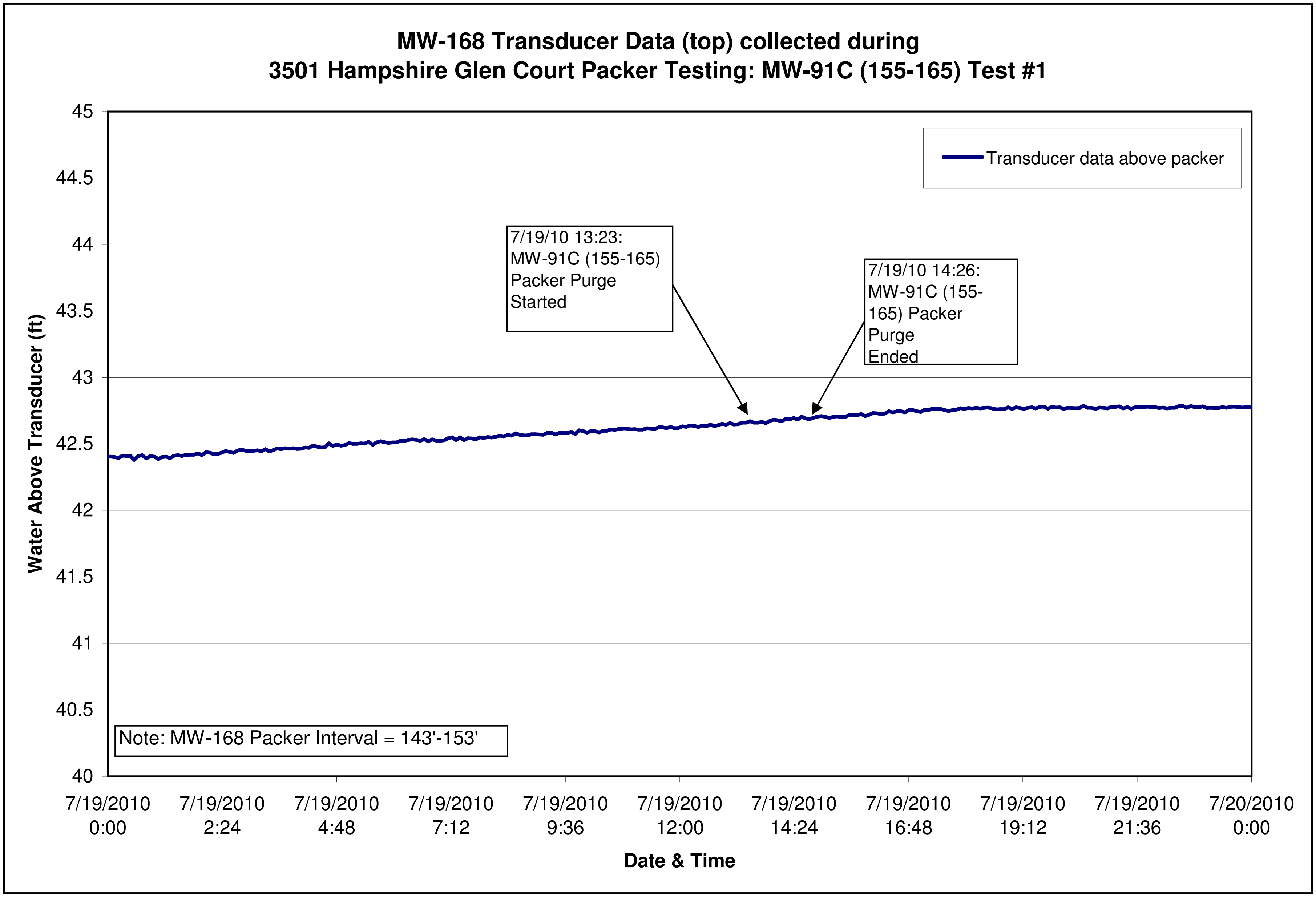

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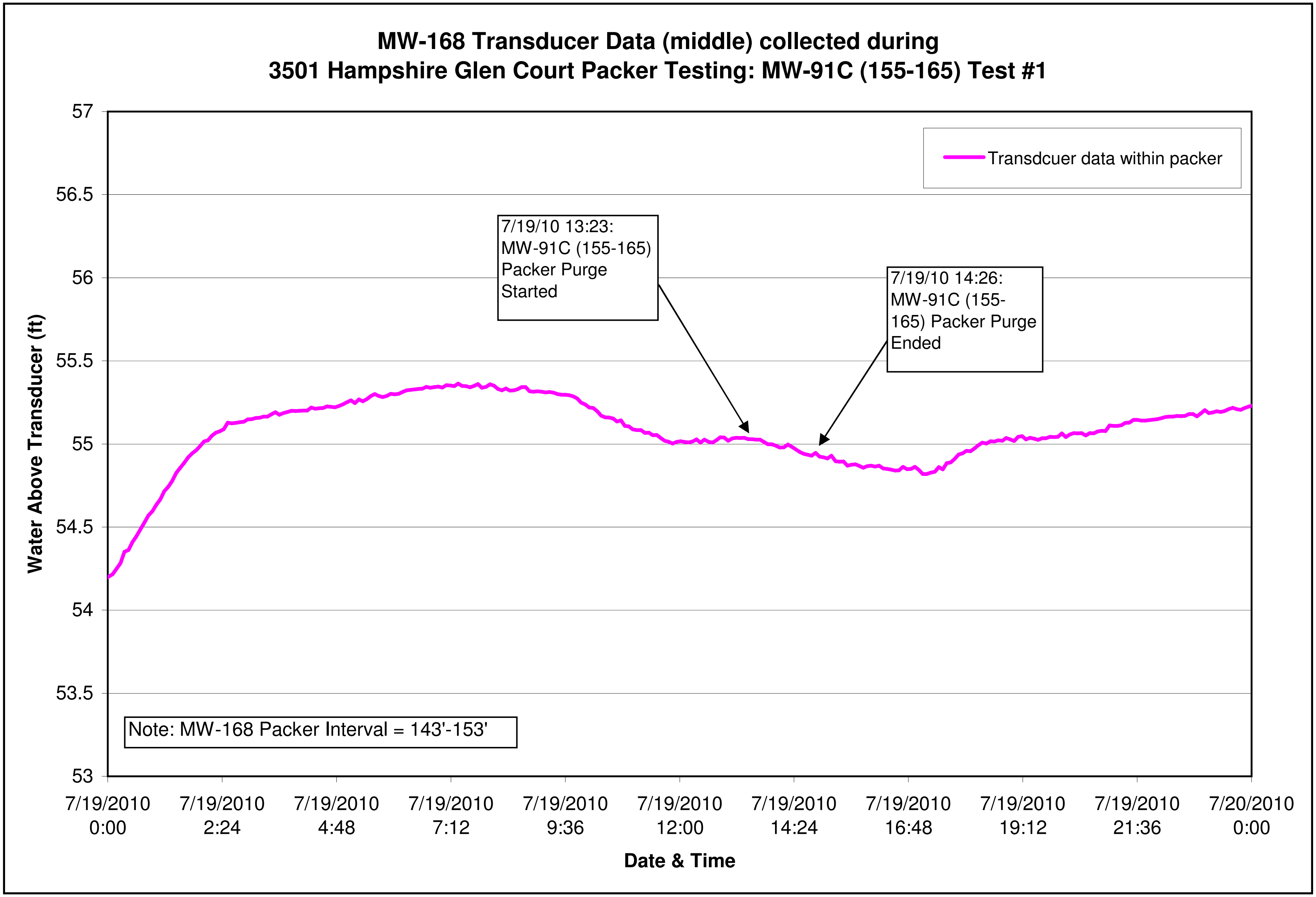

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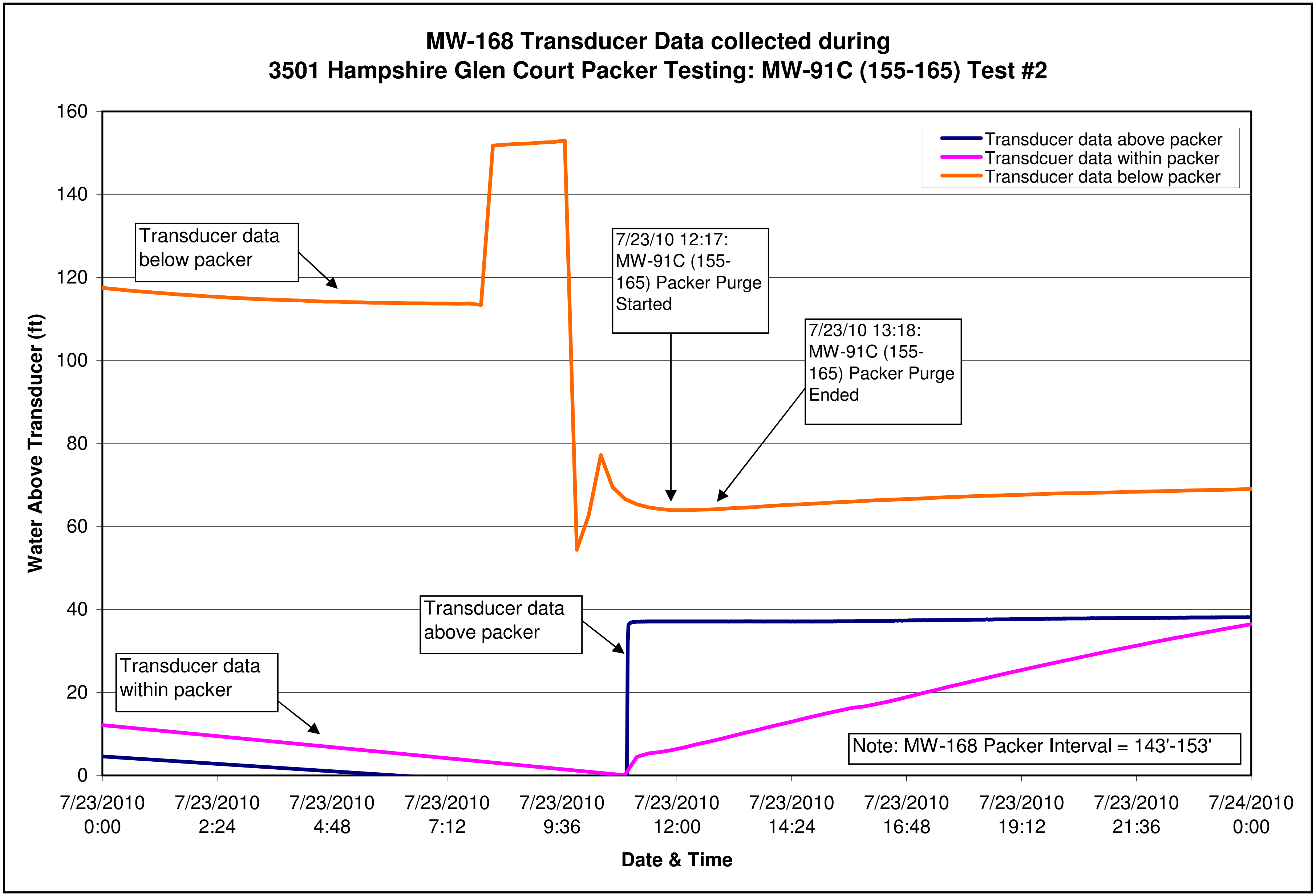

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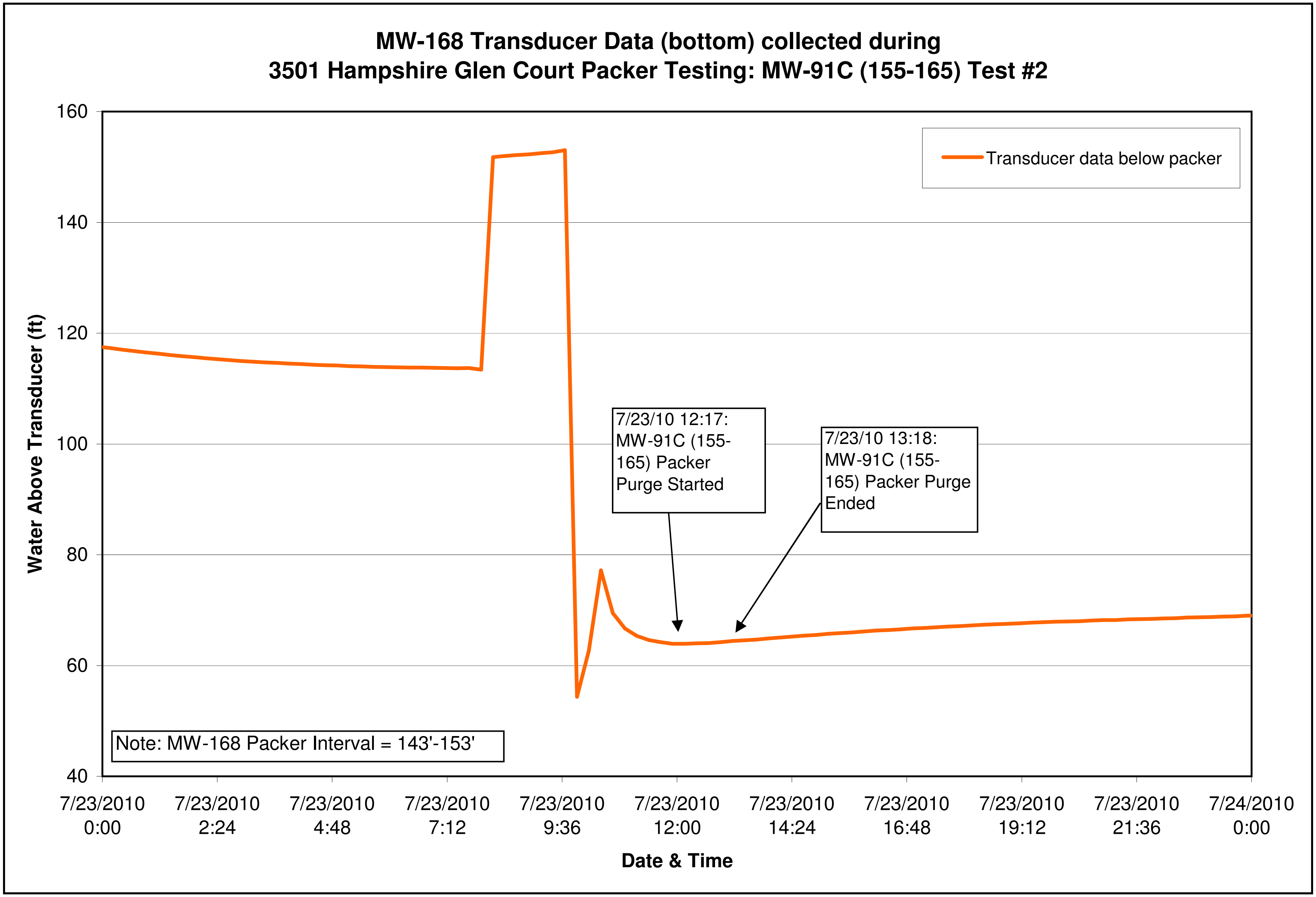

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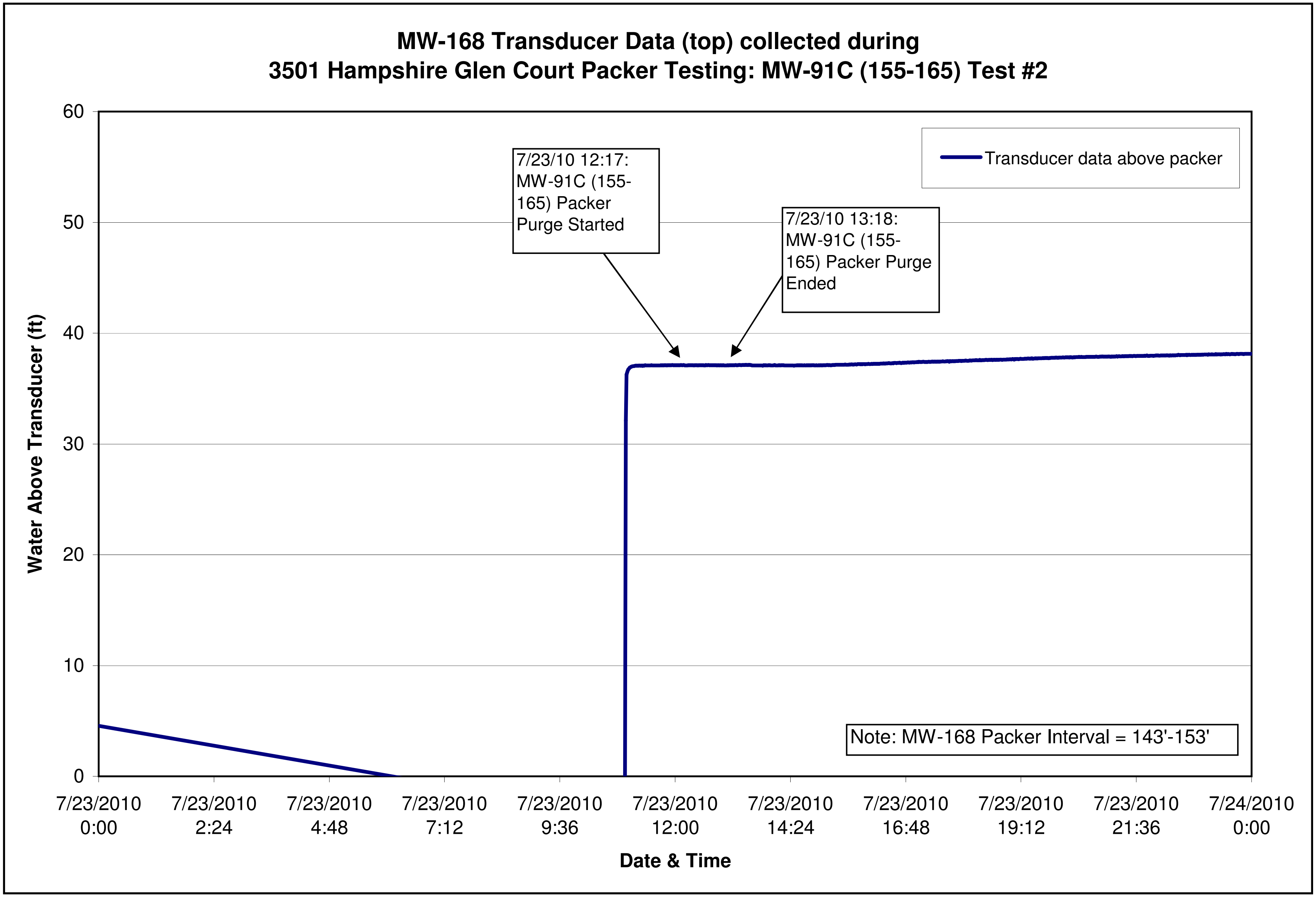

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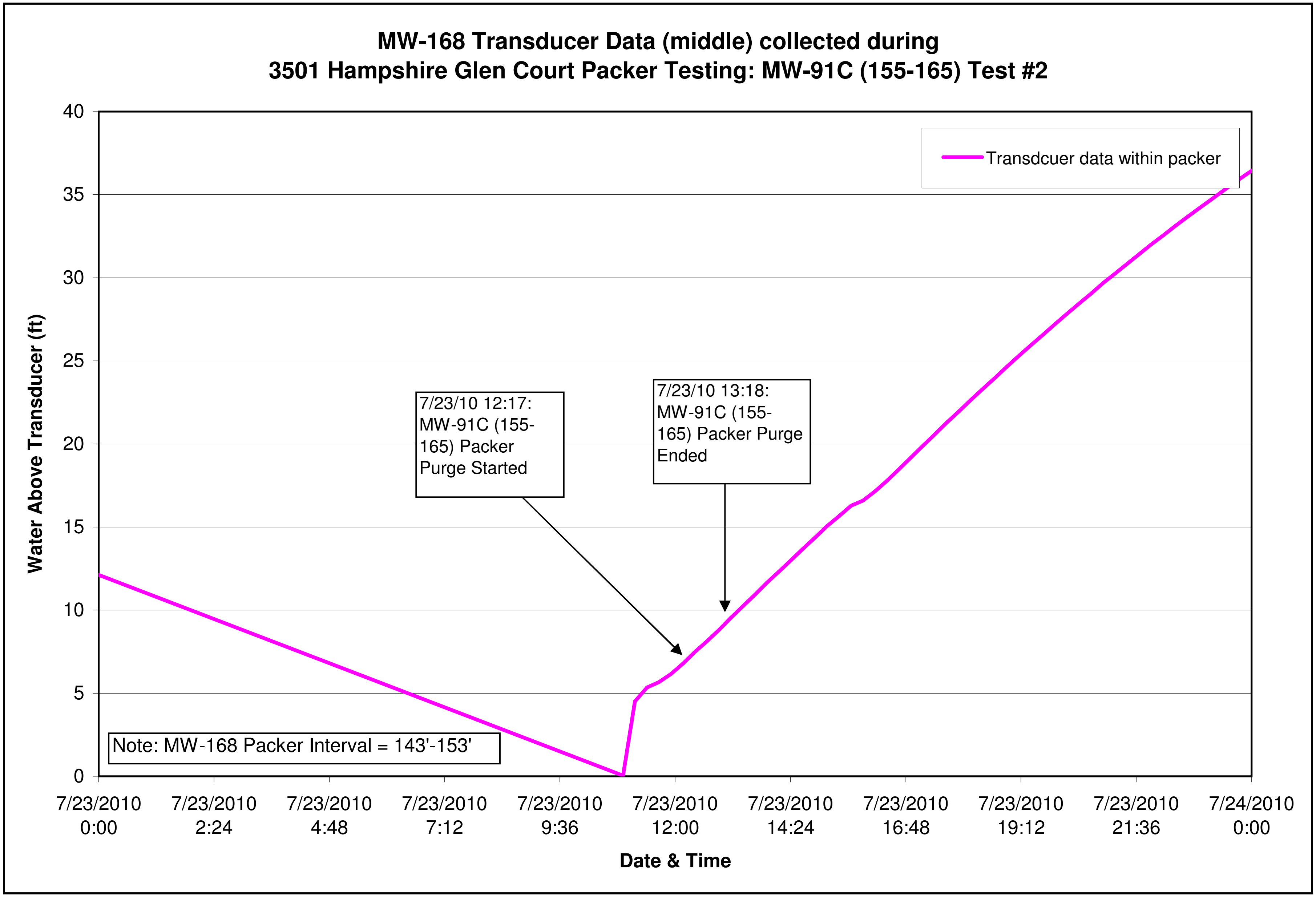

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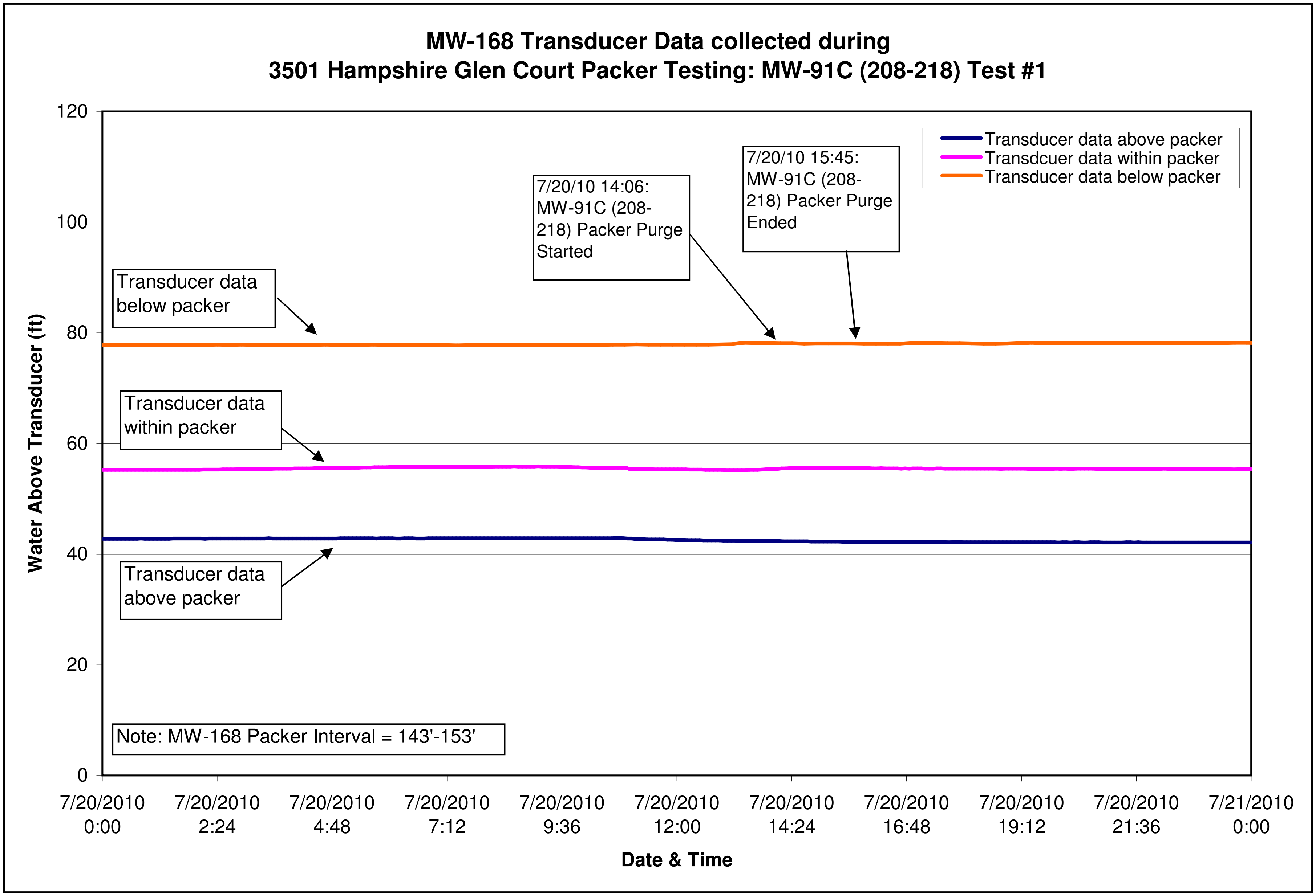

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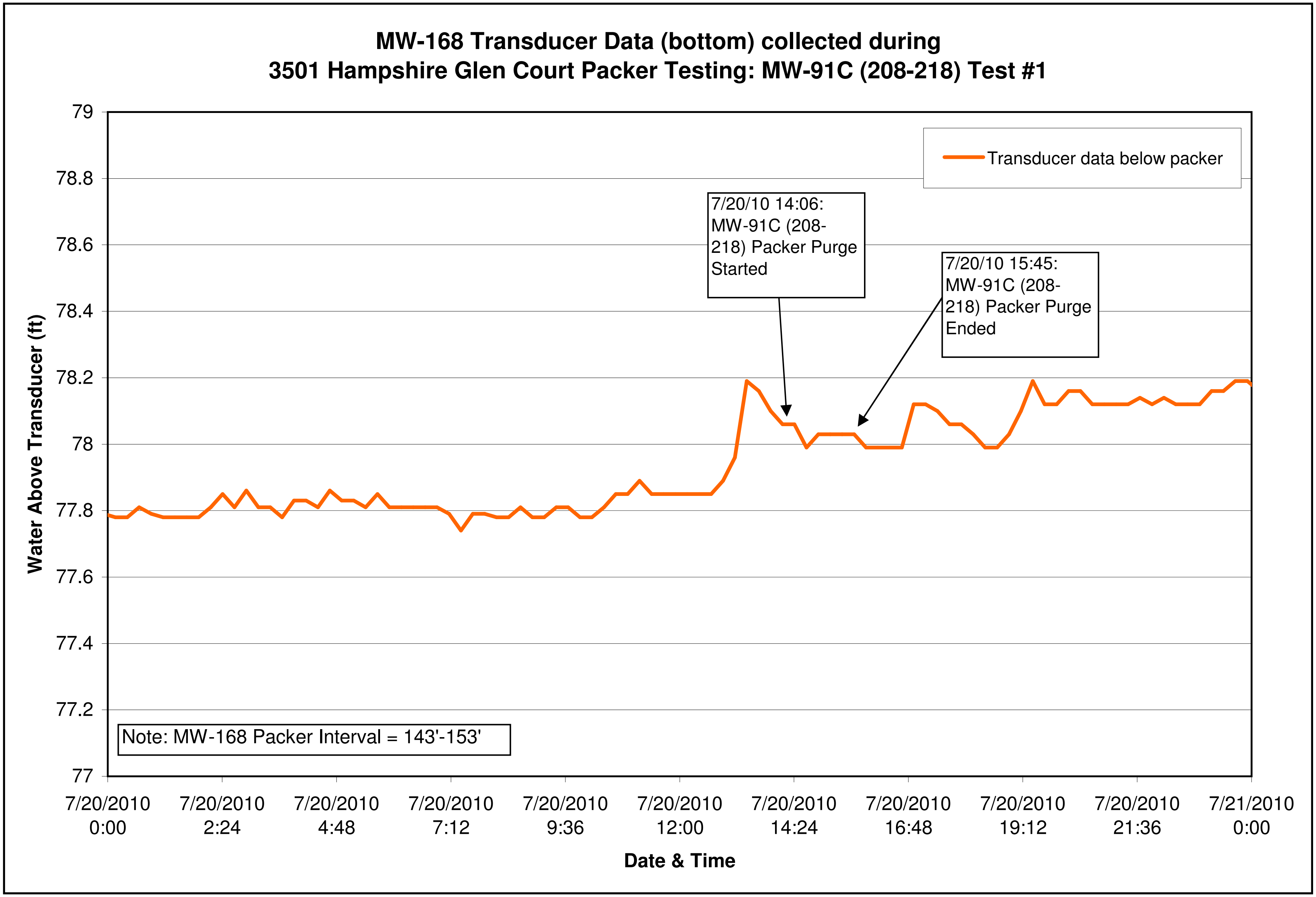

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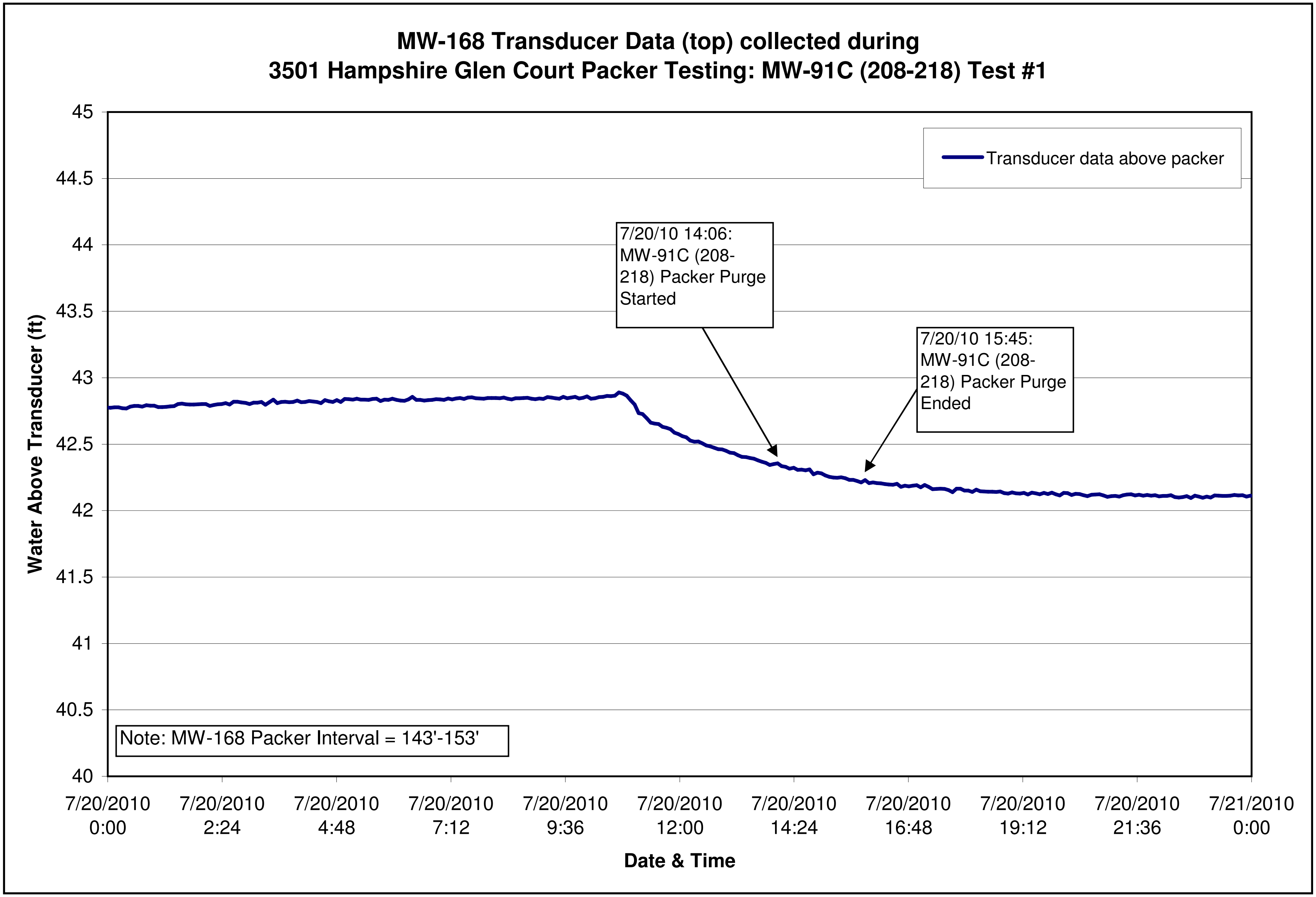

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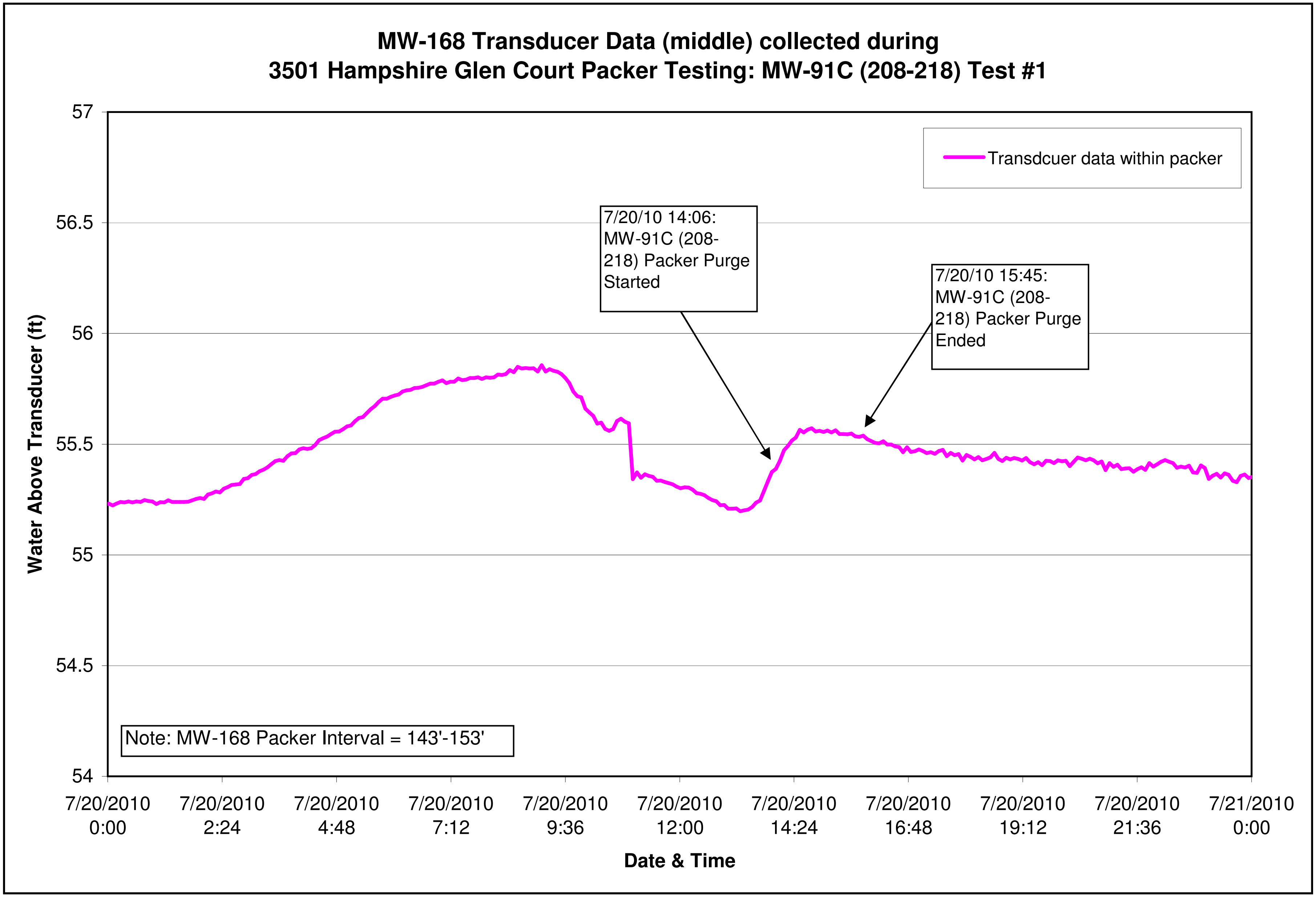

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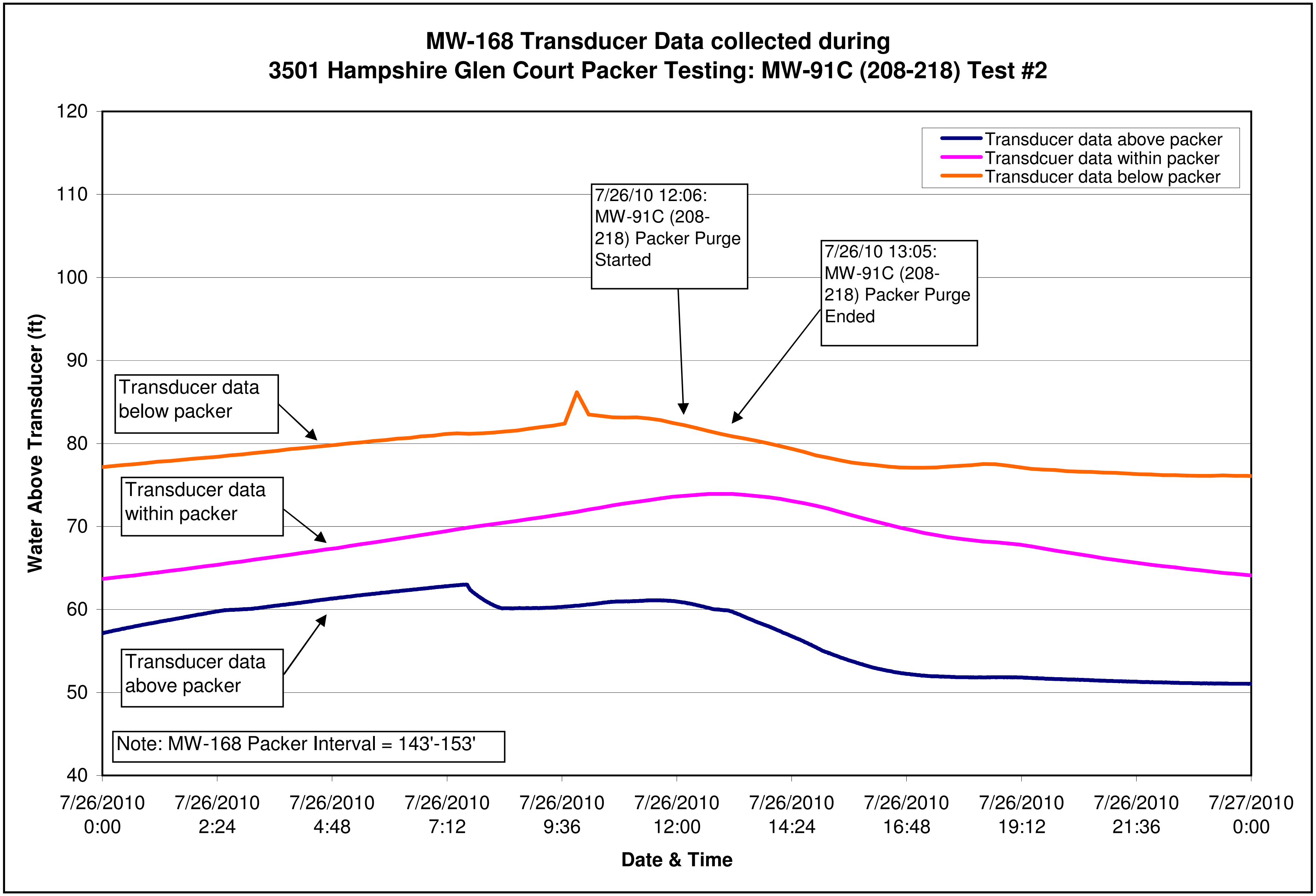

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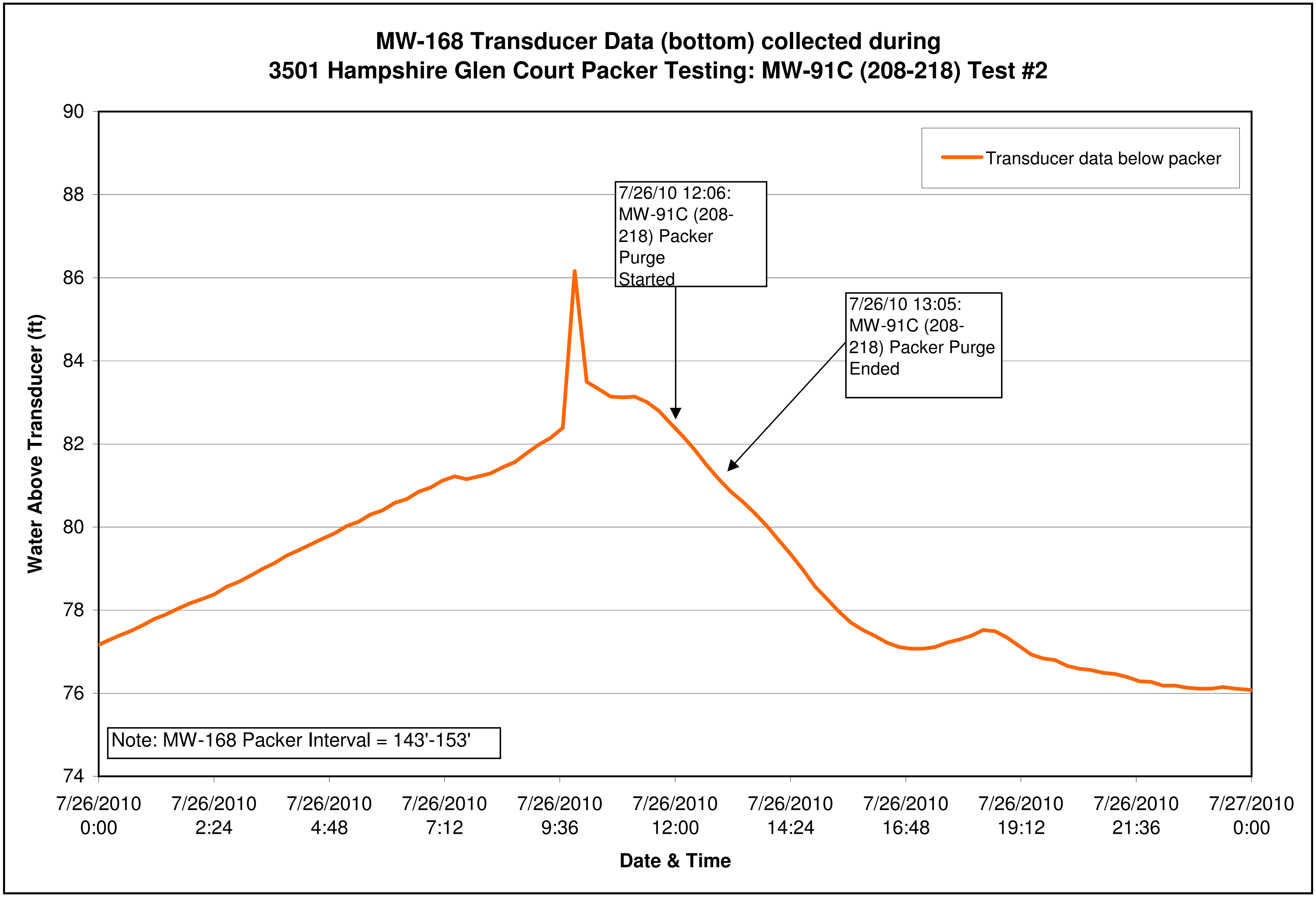

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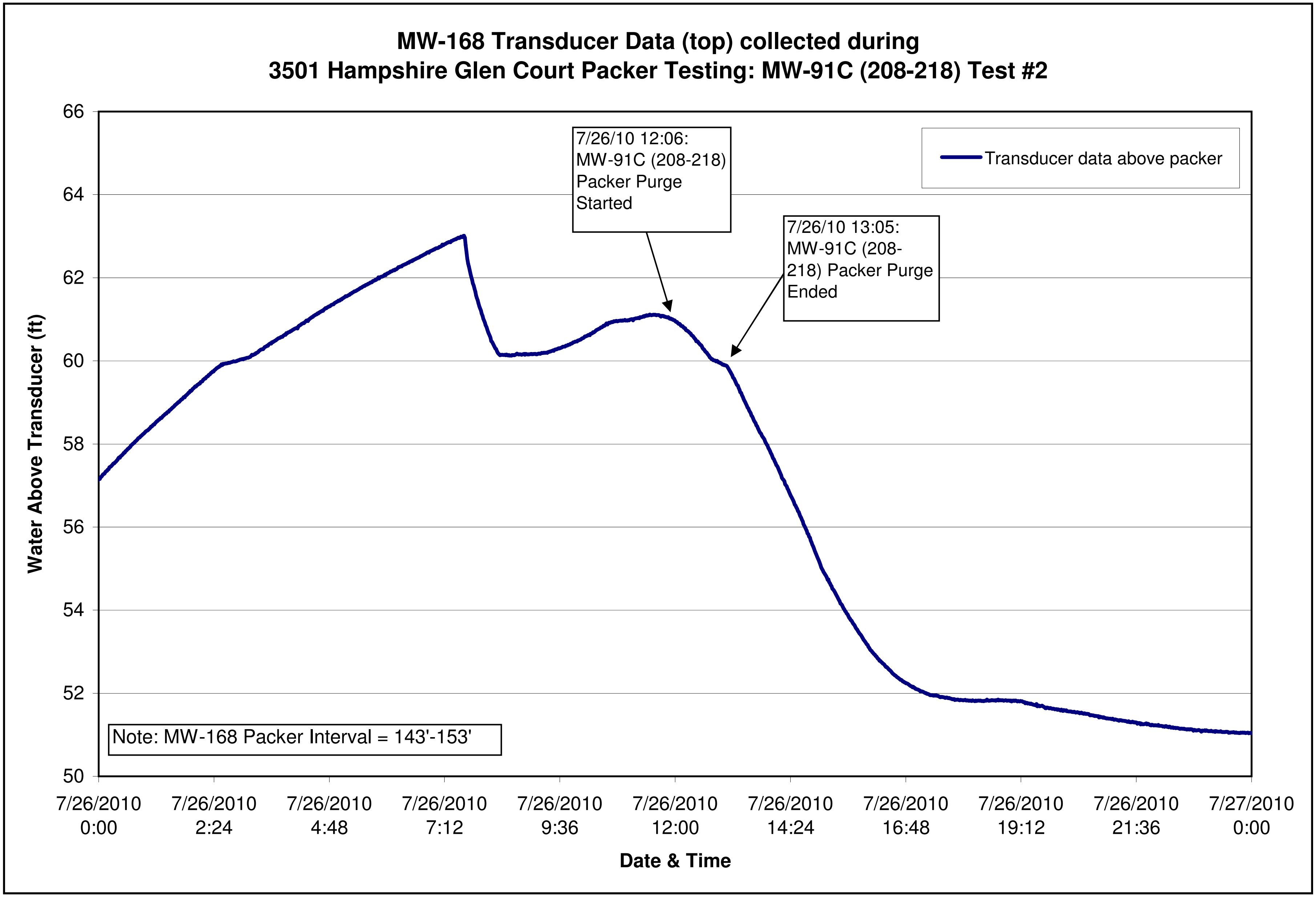

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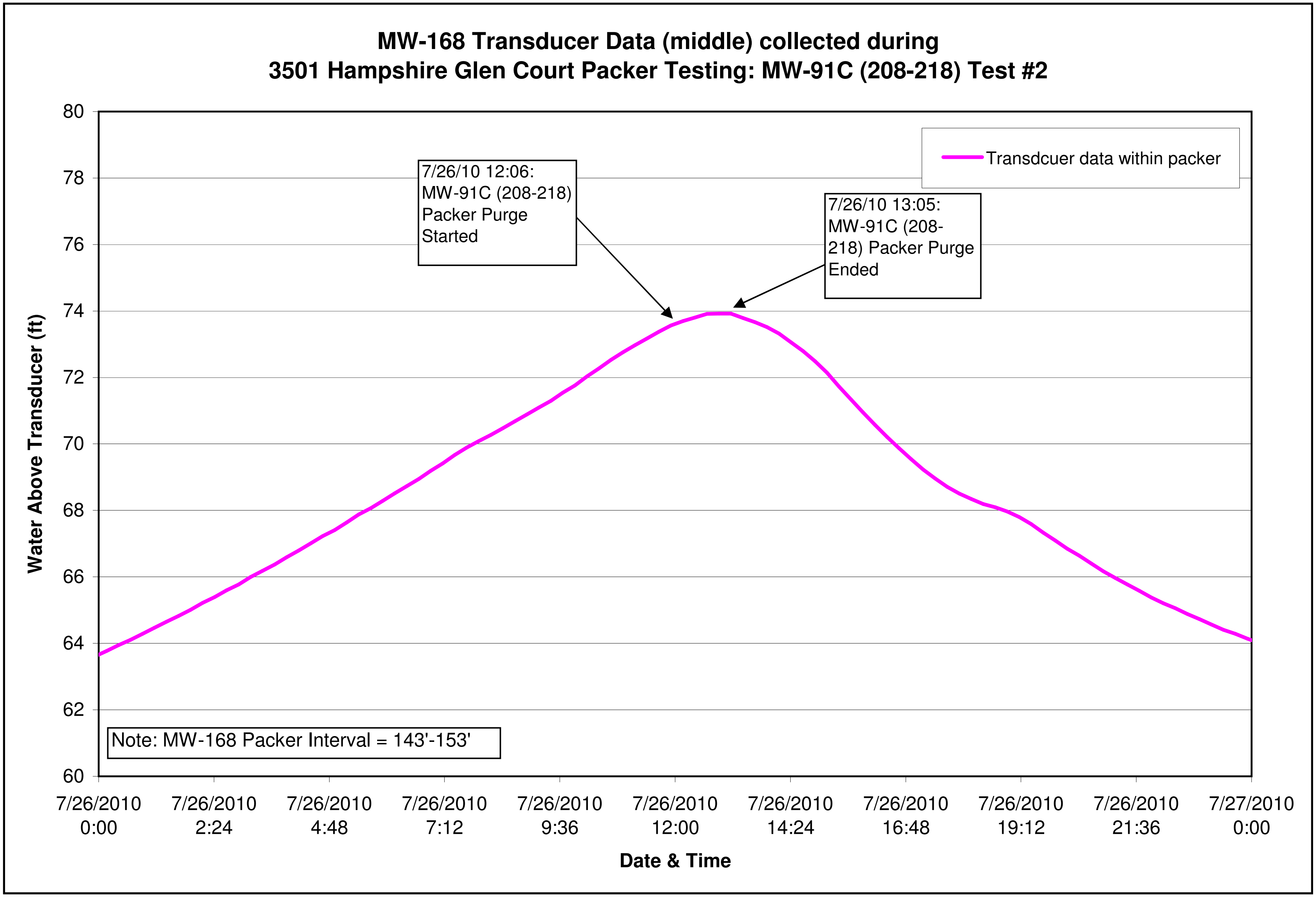

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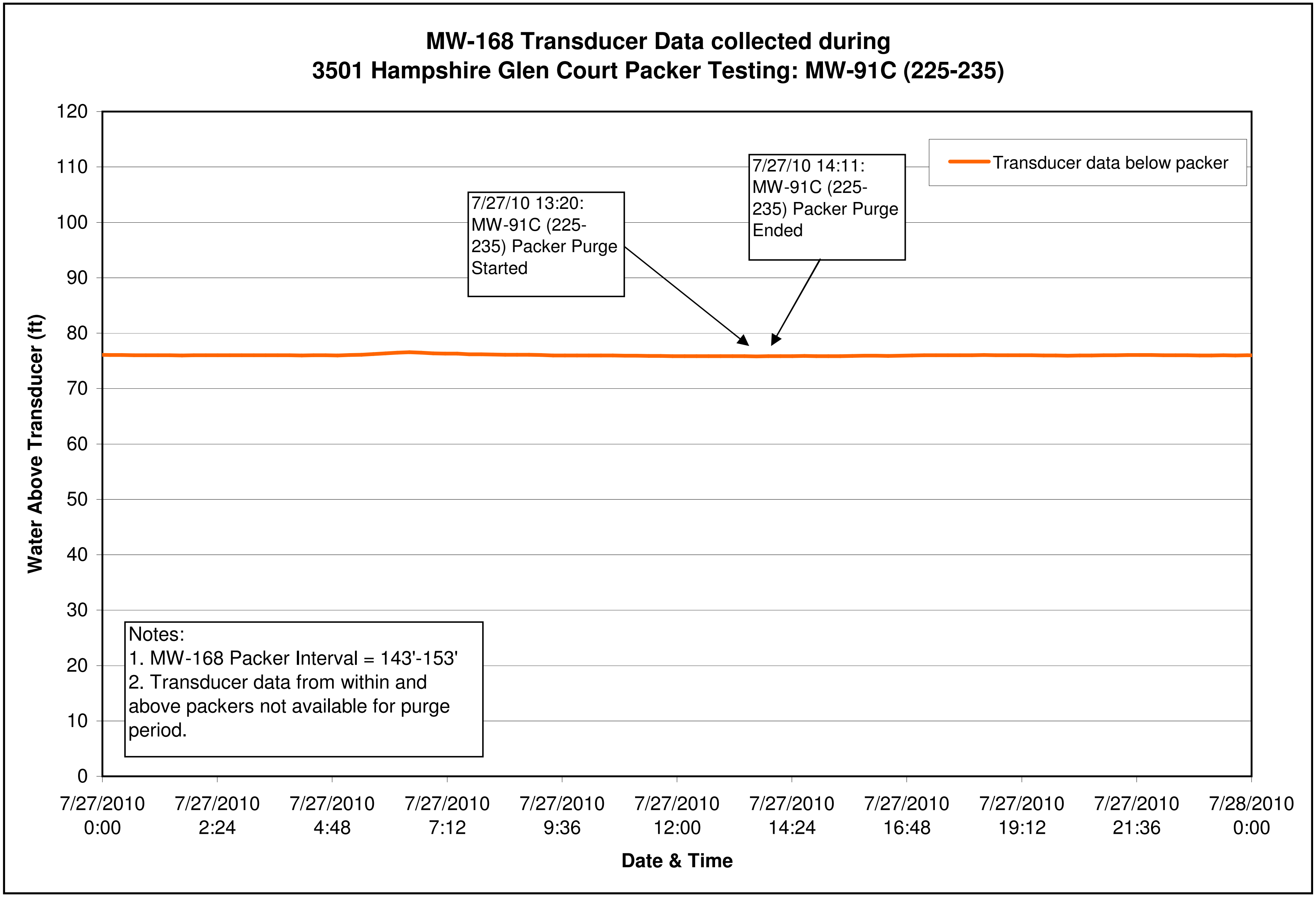

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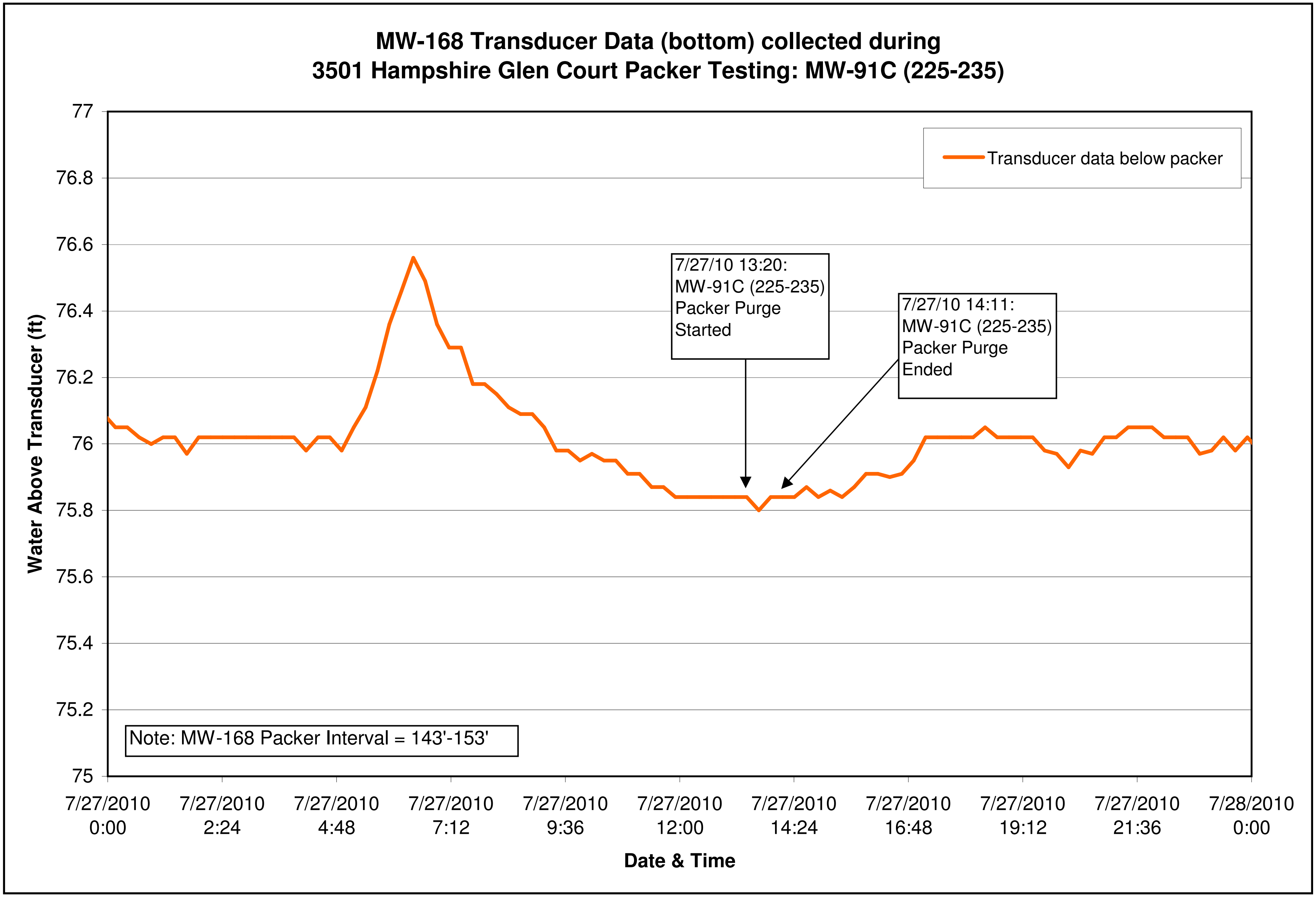

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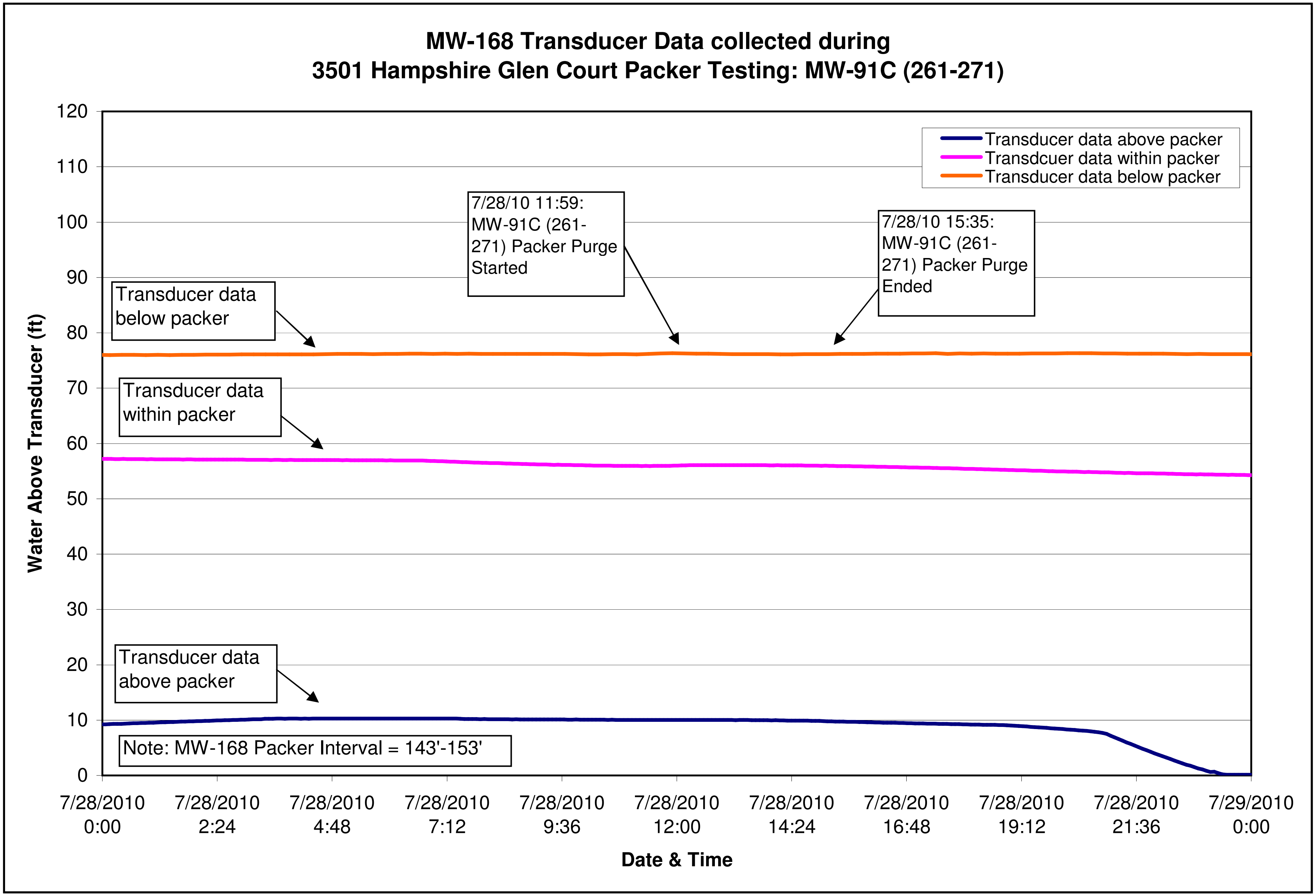

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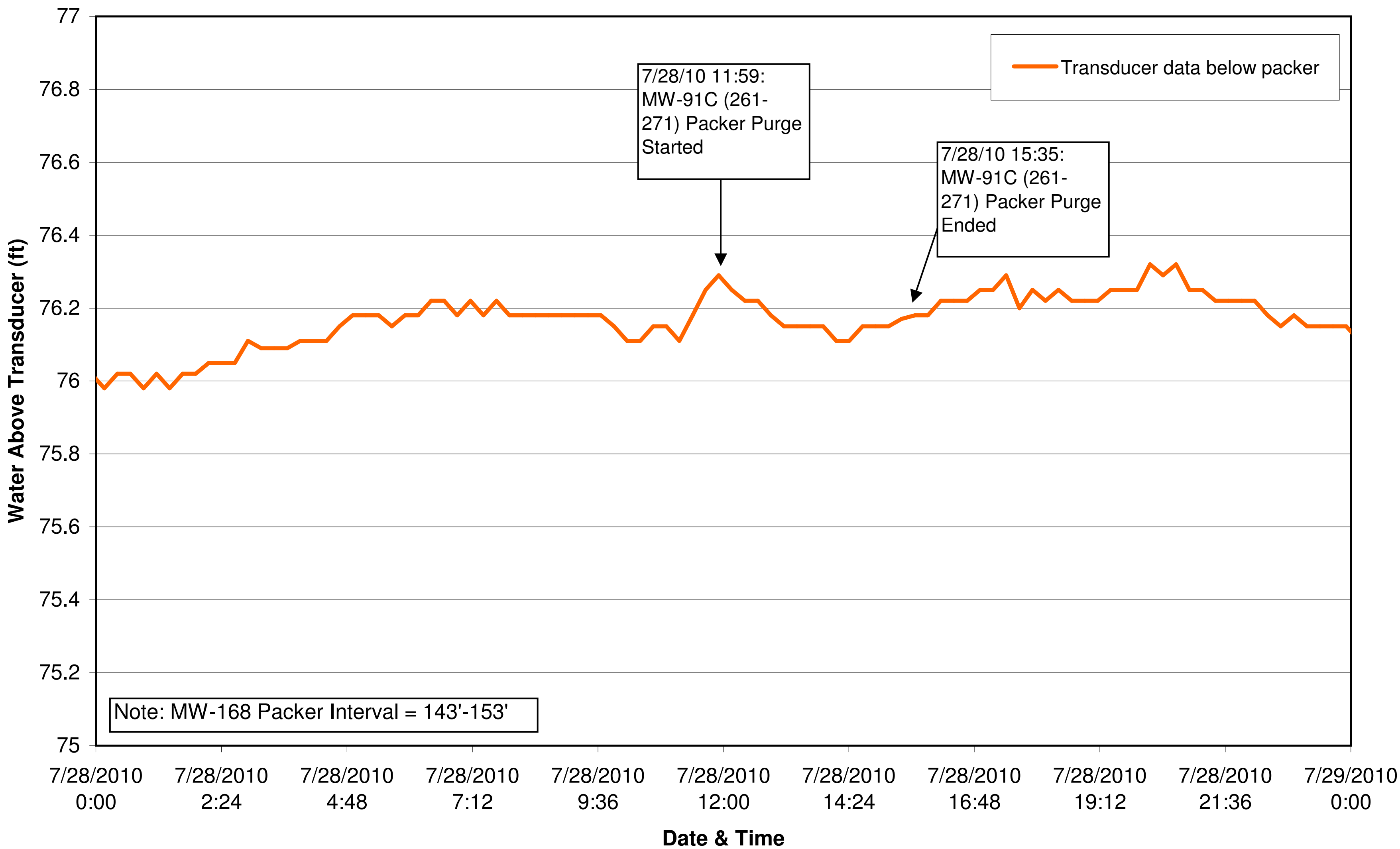
MW-168 Transducer Data (bottom) collected during 3501 Hampshire Glen Court Packer Testing: MW-91C (261-271)



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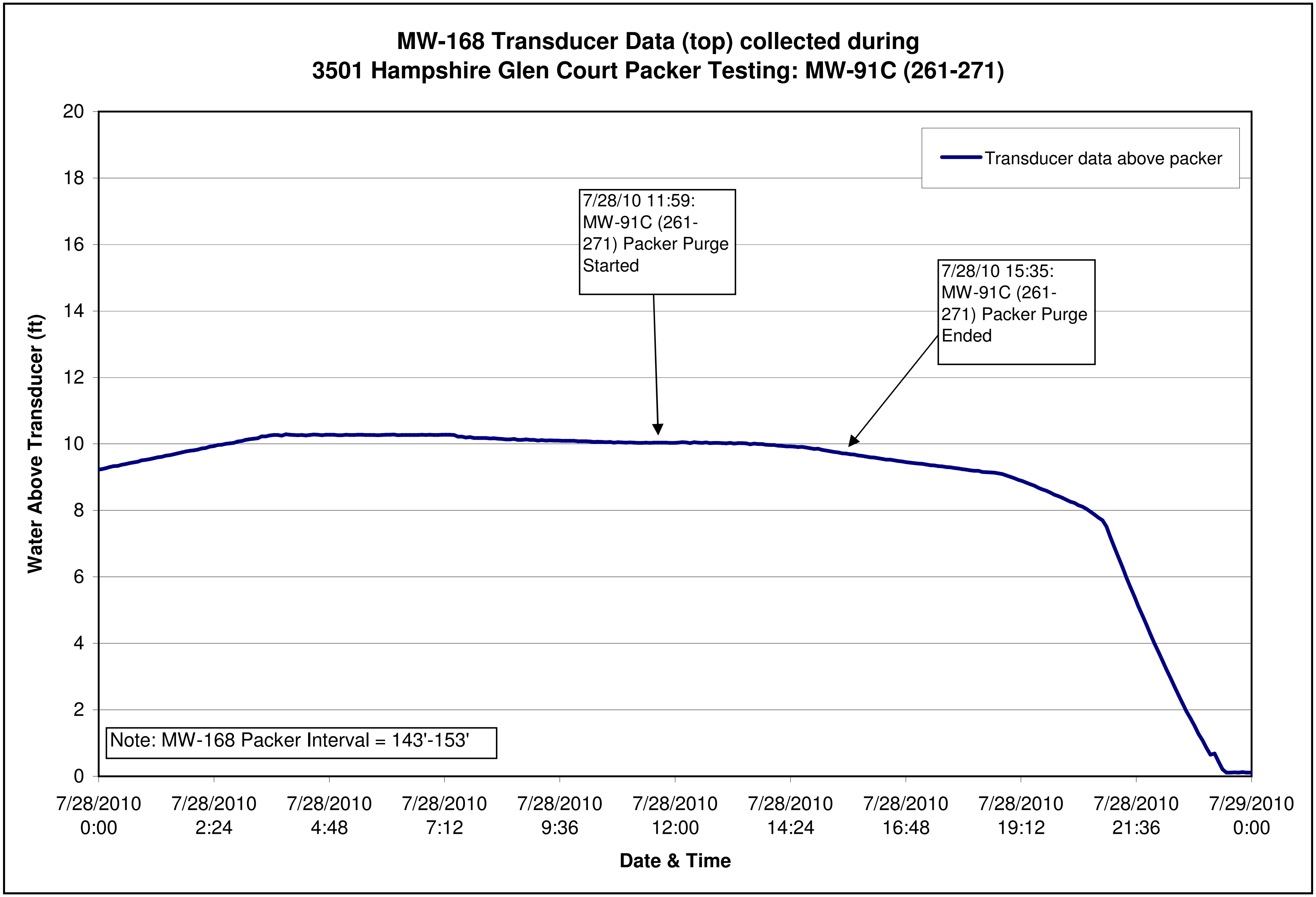

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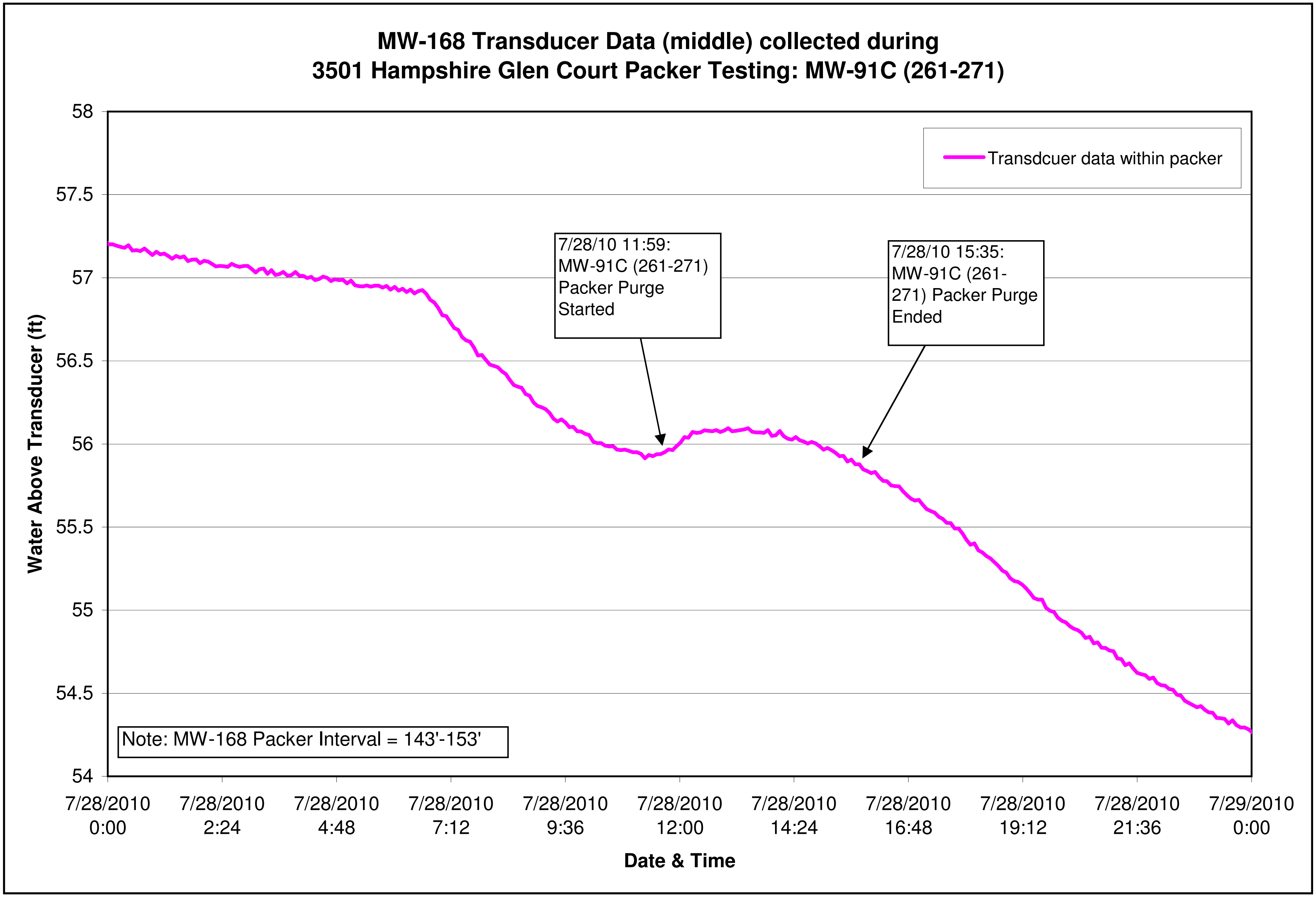

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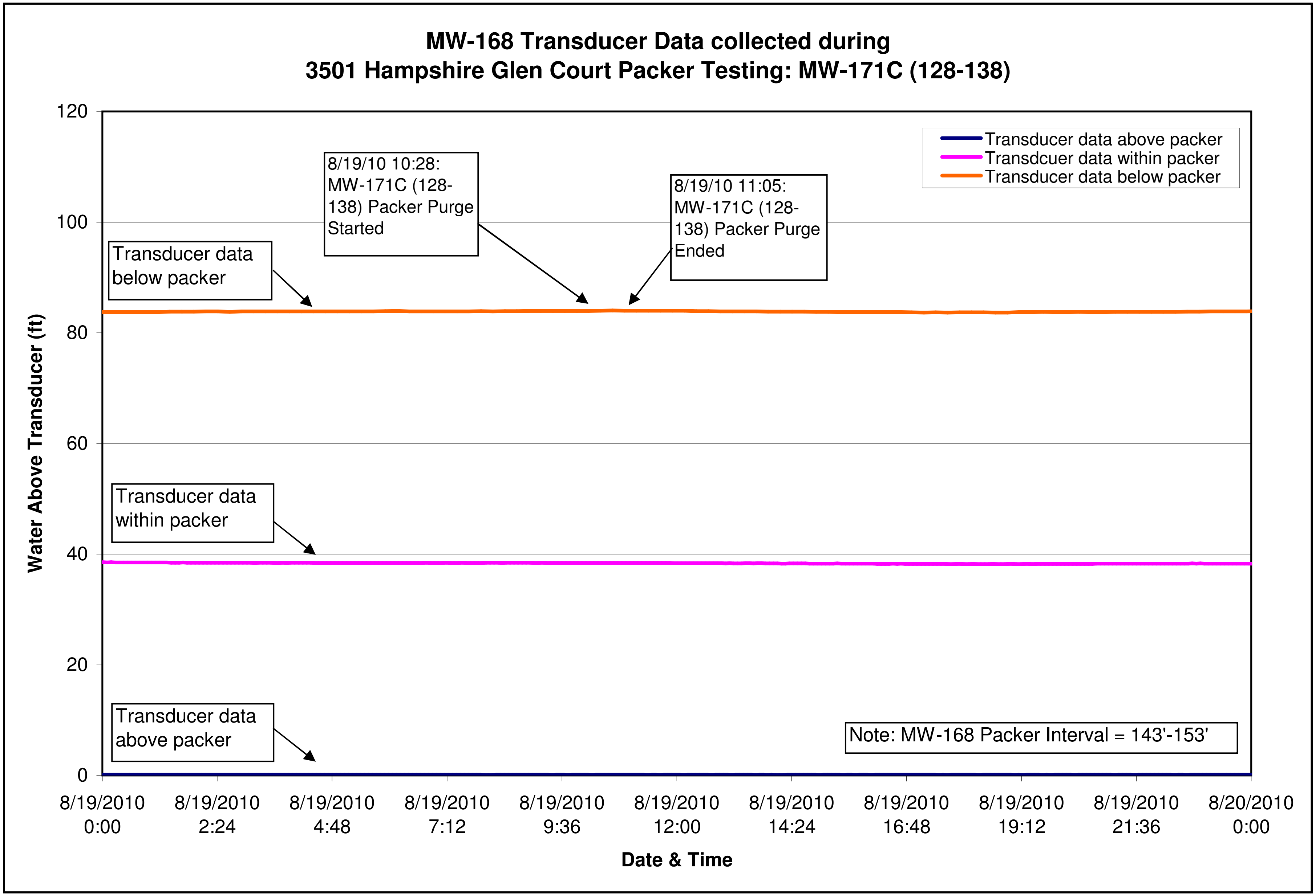

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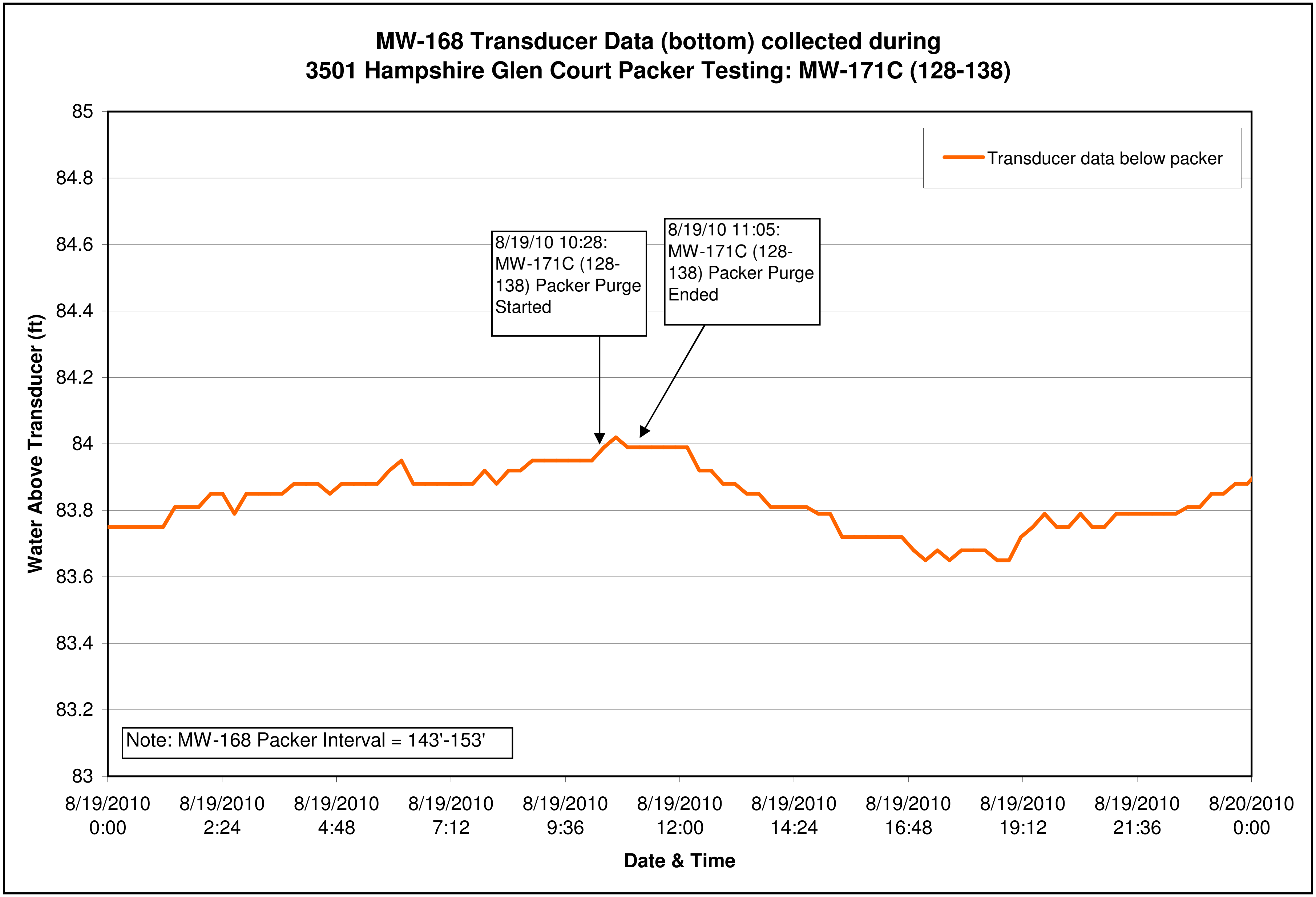

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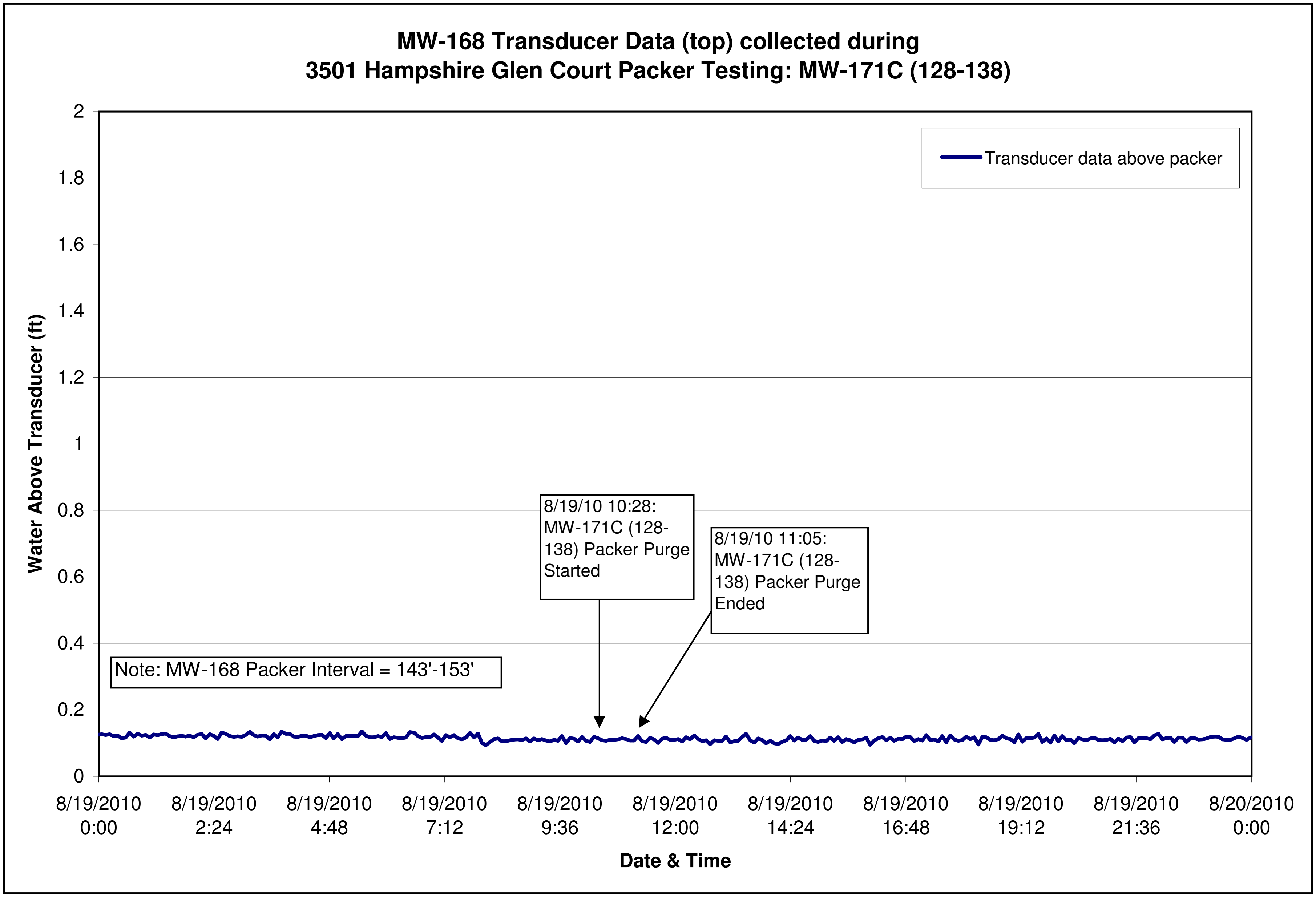

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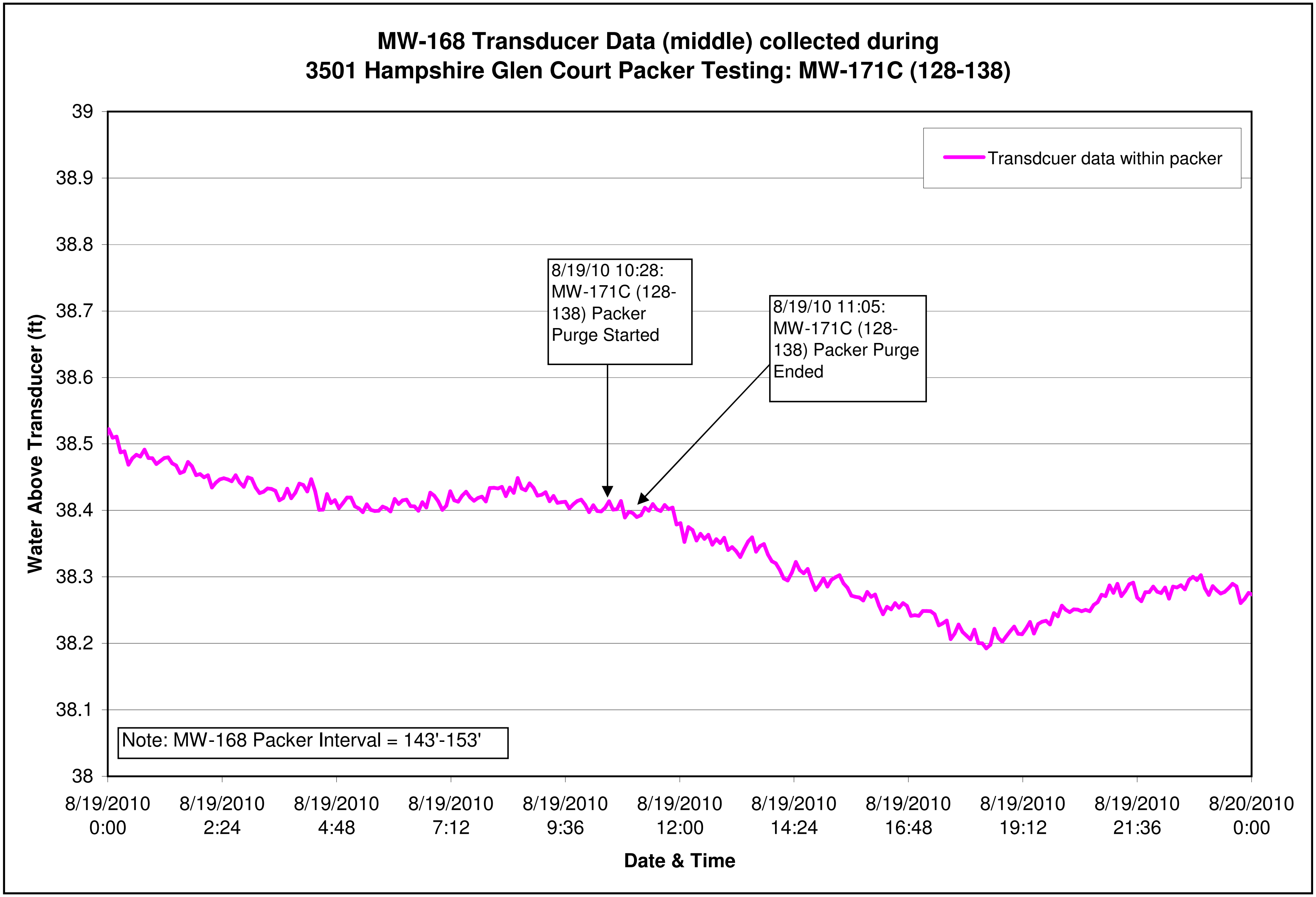

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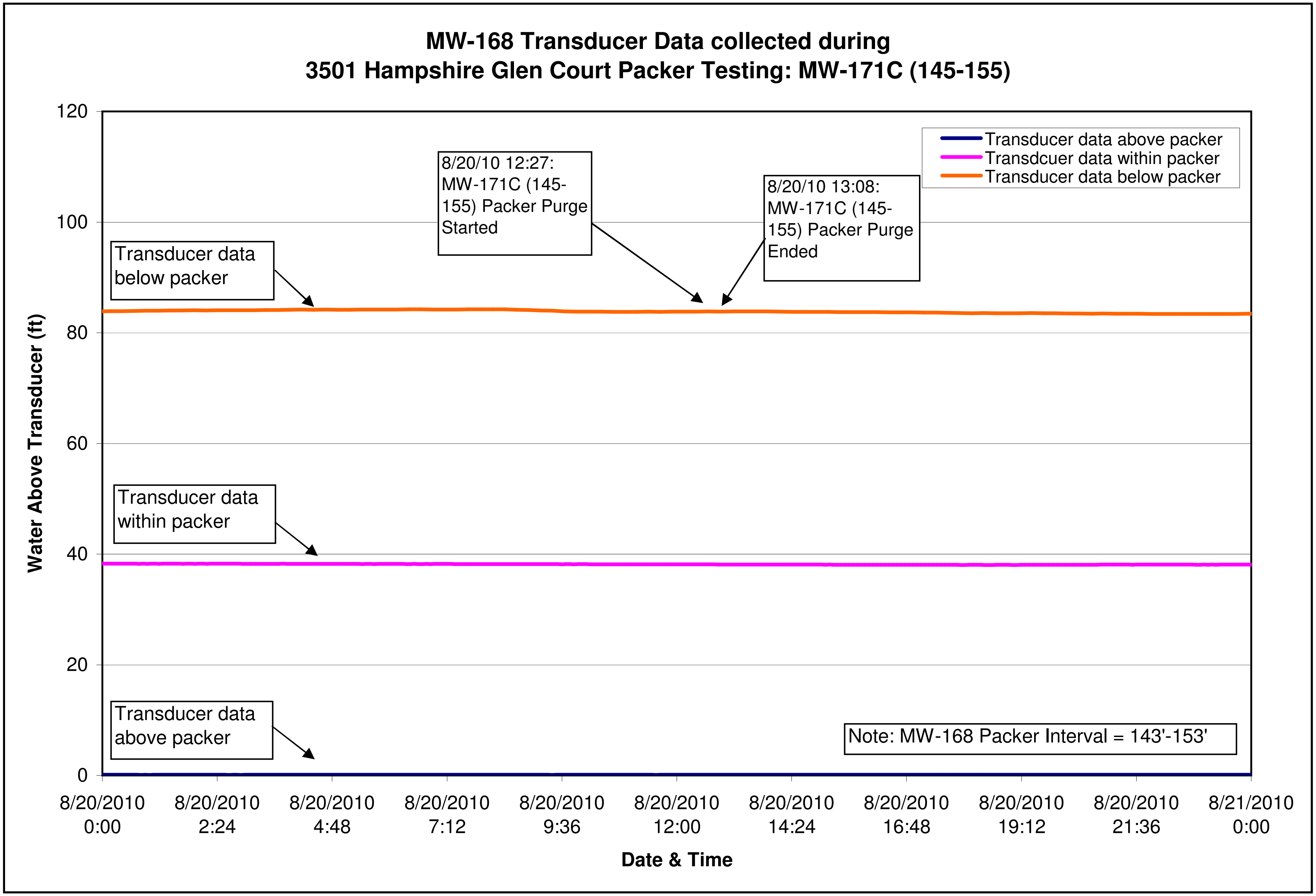

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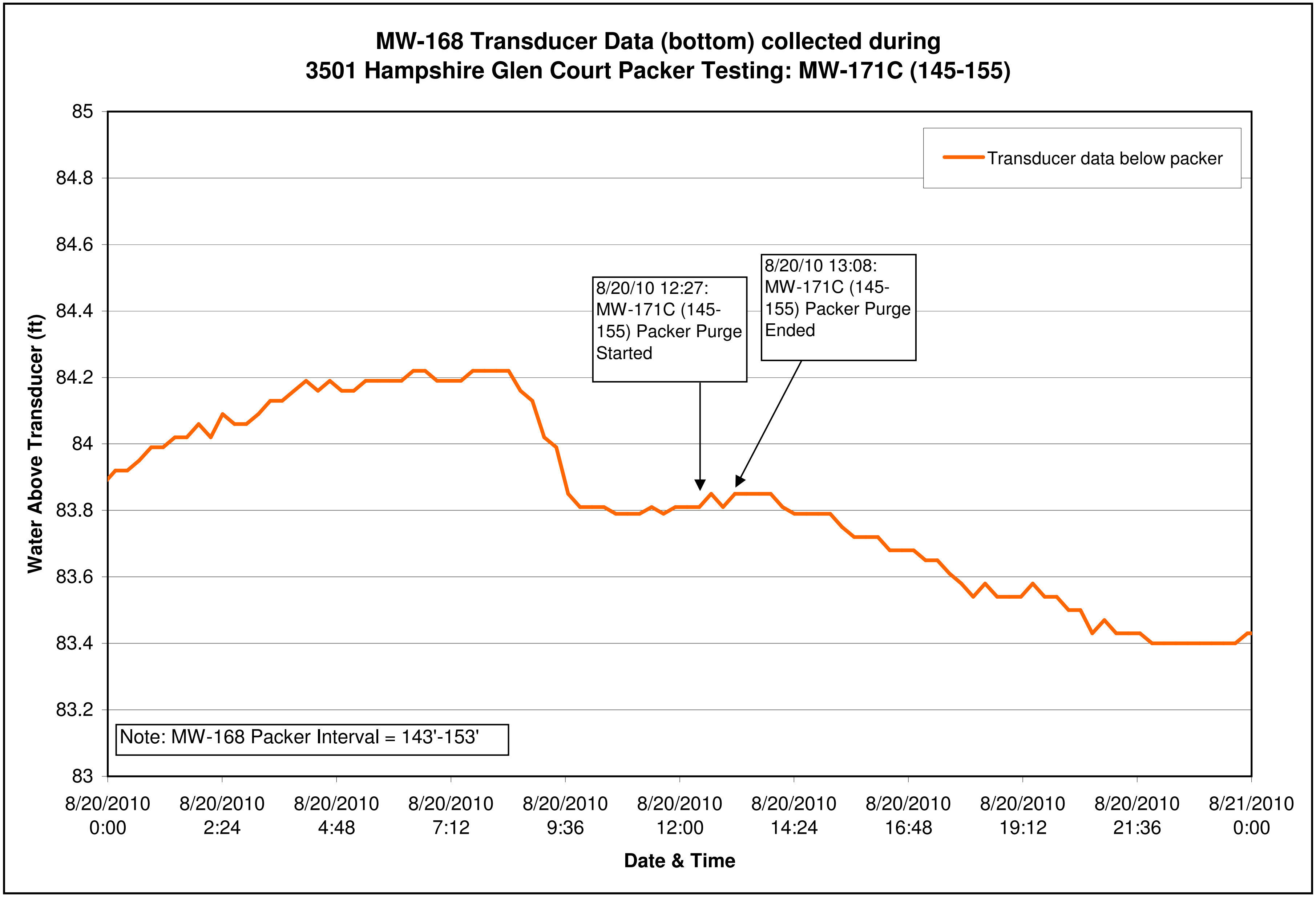

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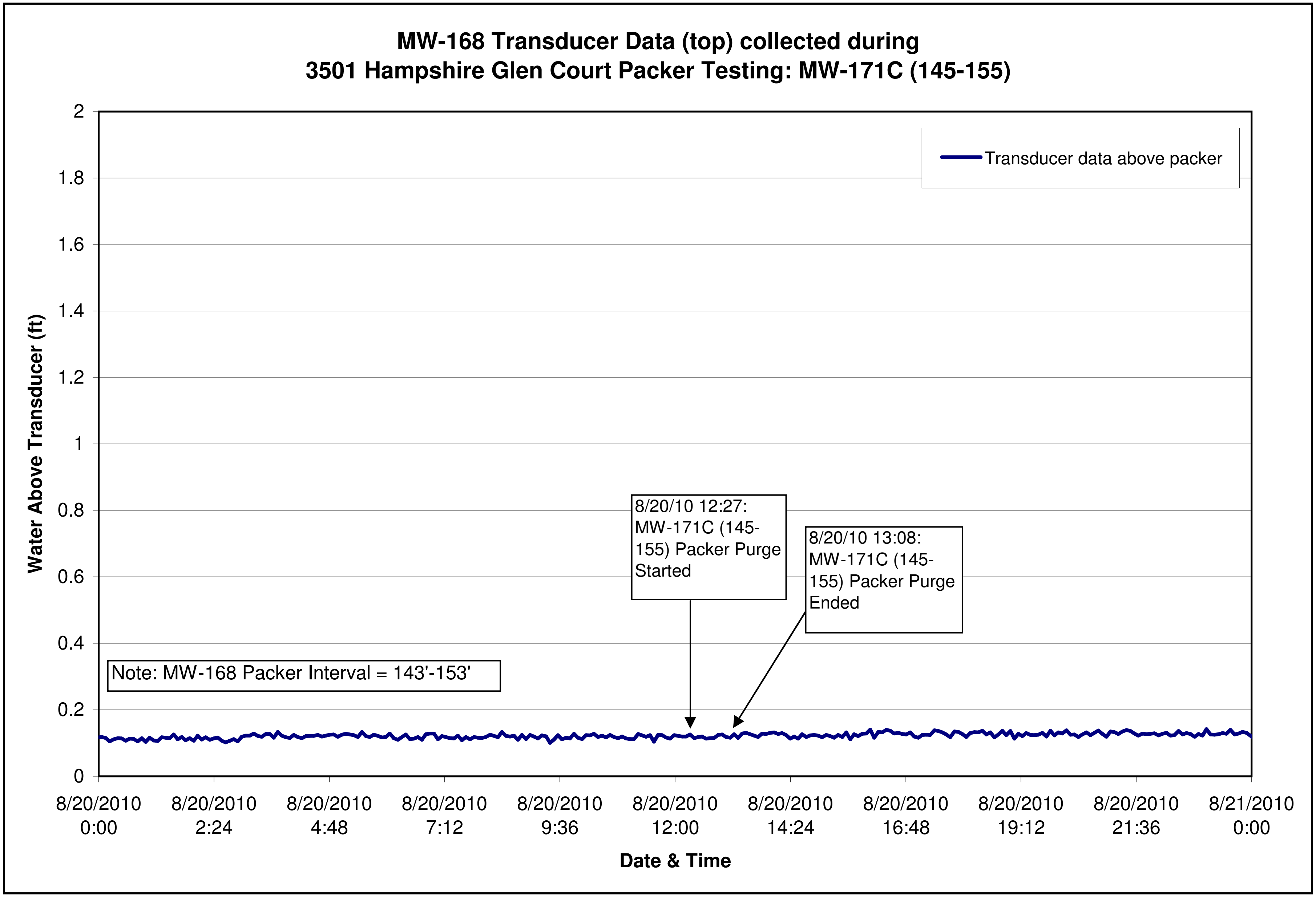

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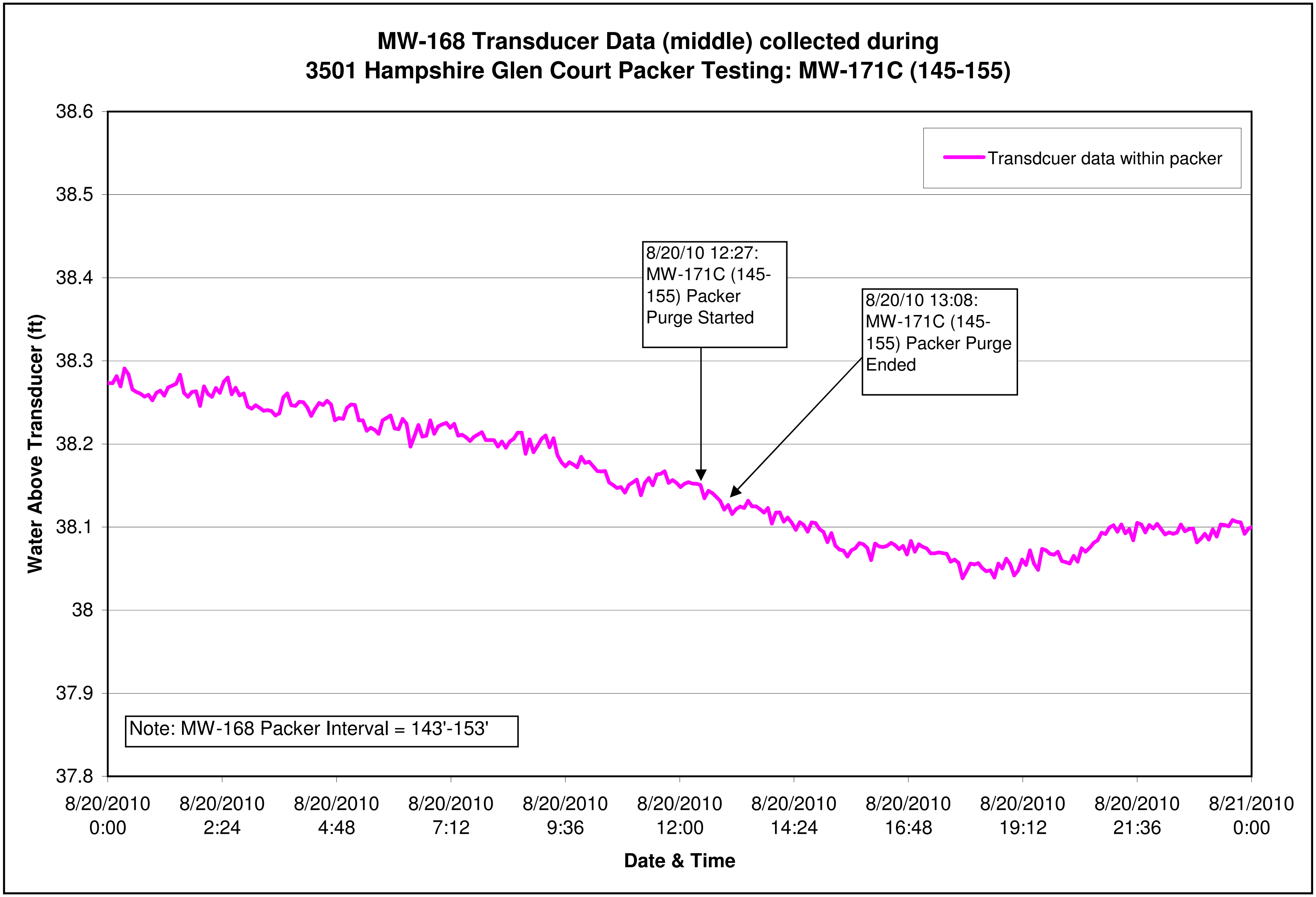

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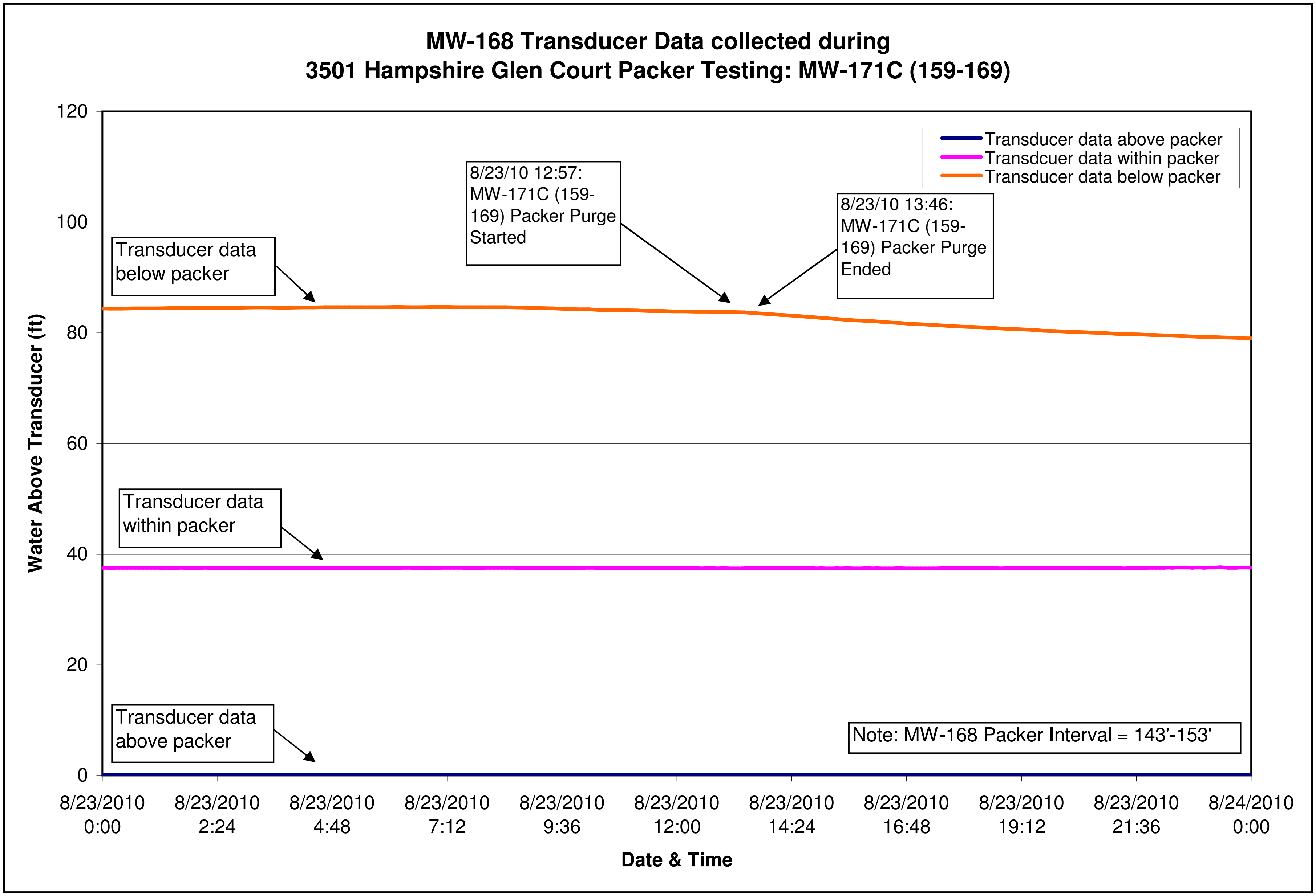

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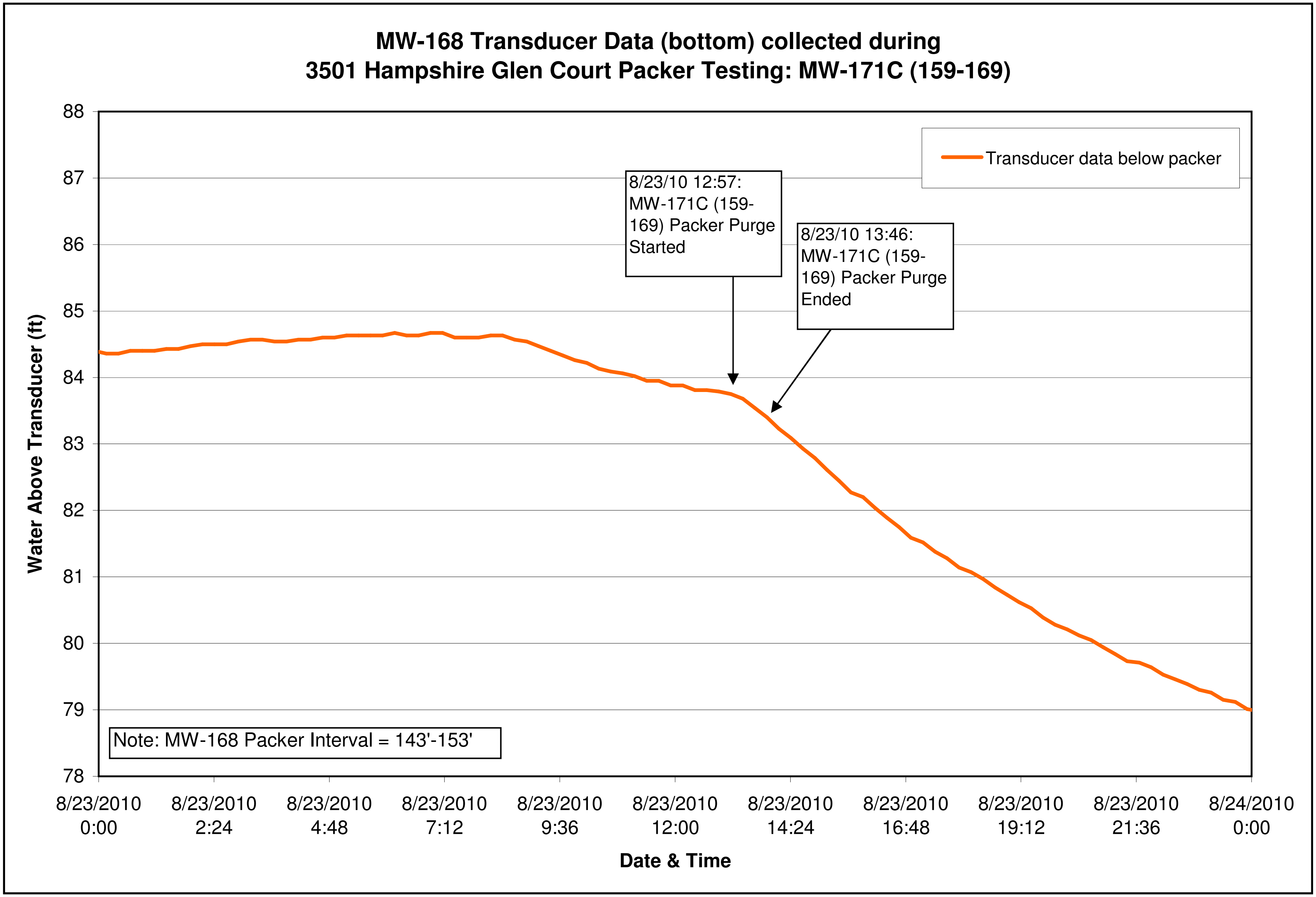

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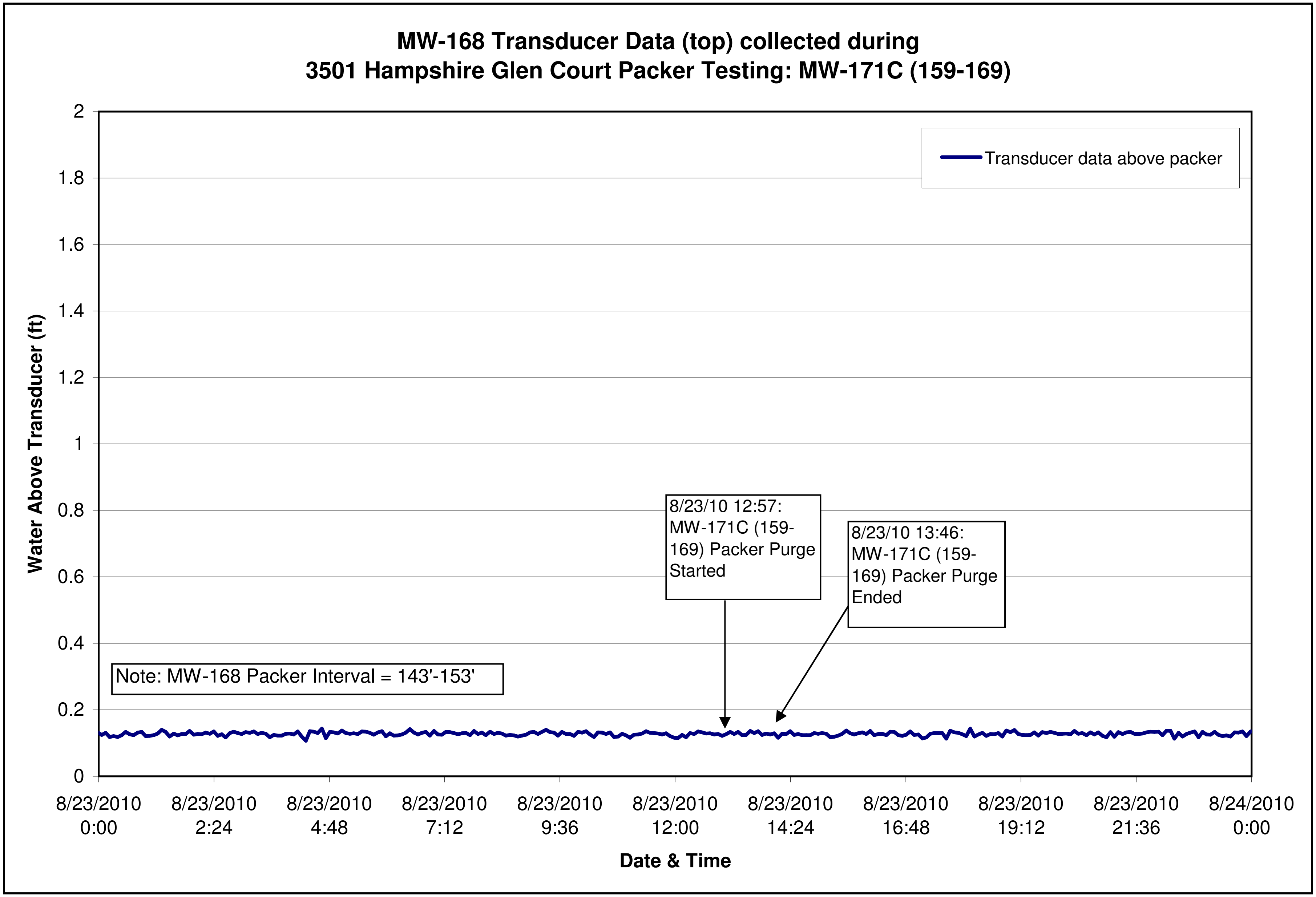

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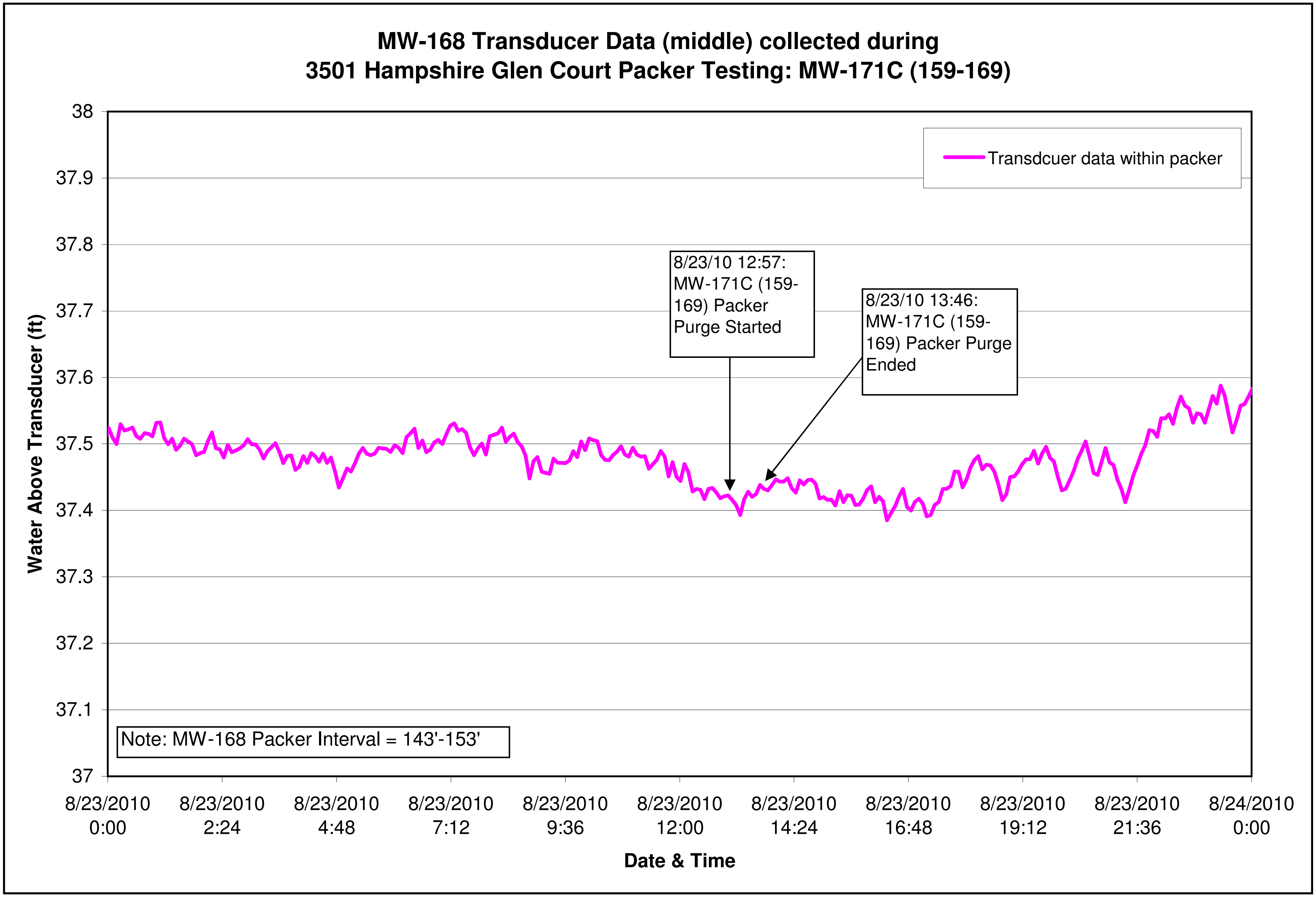
Hanover, Maryland



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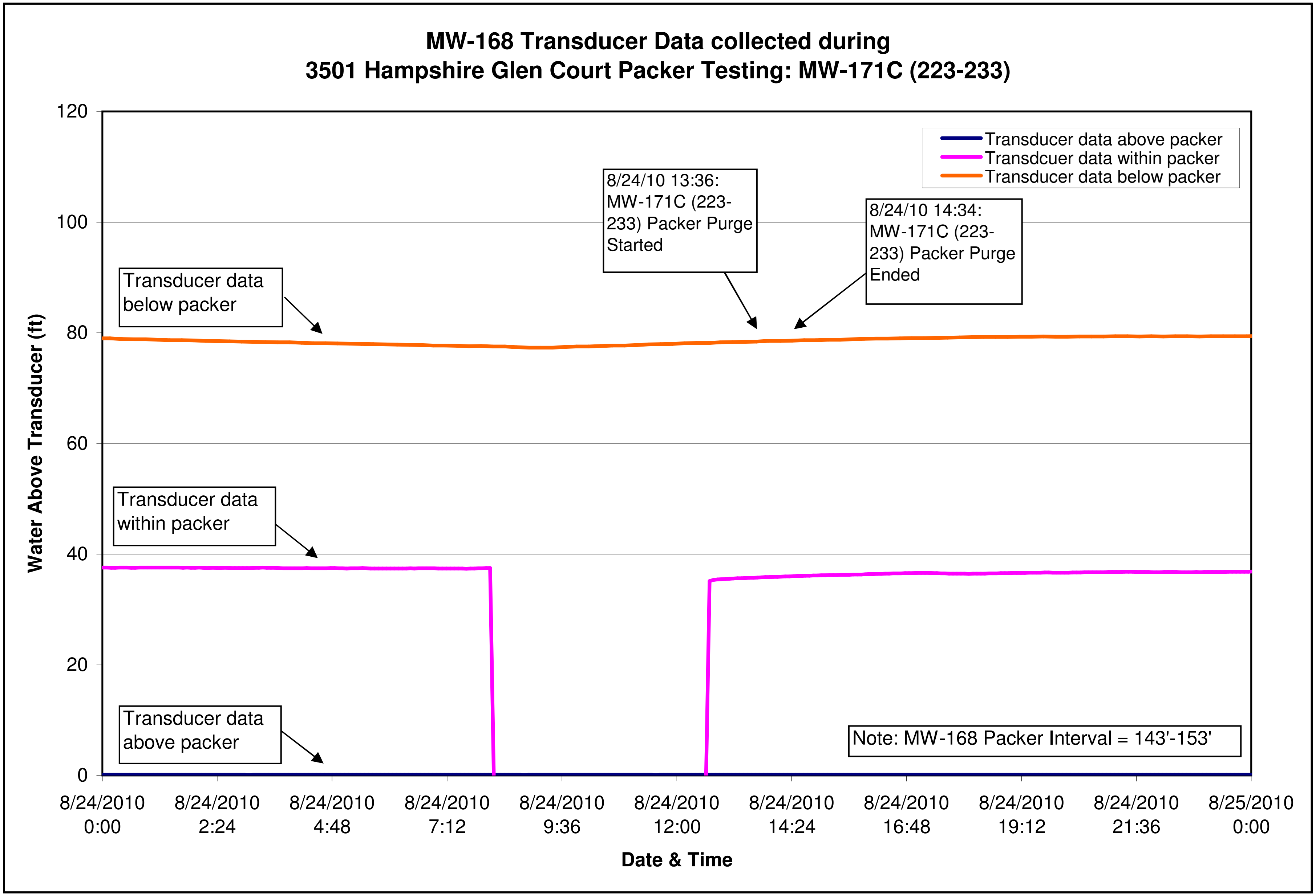

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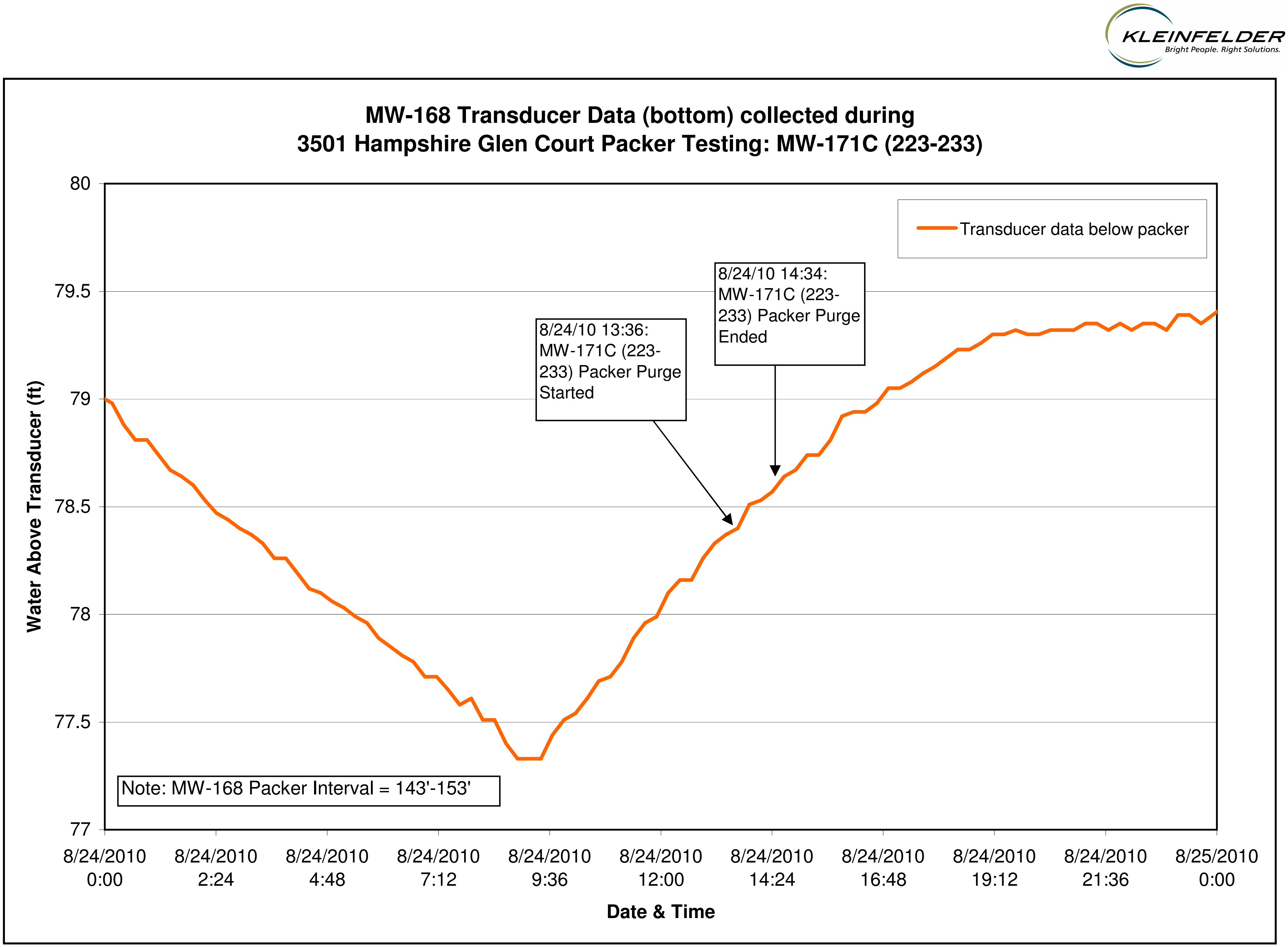
Hanover, Maryland



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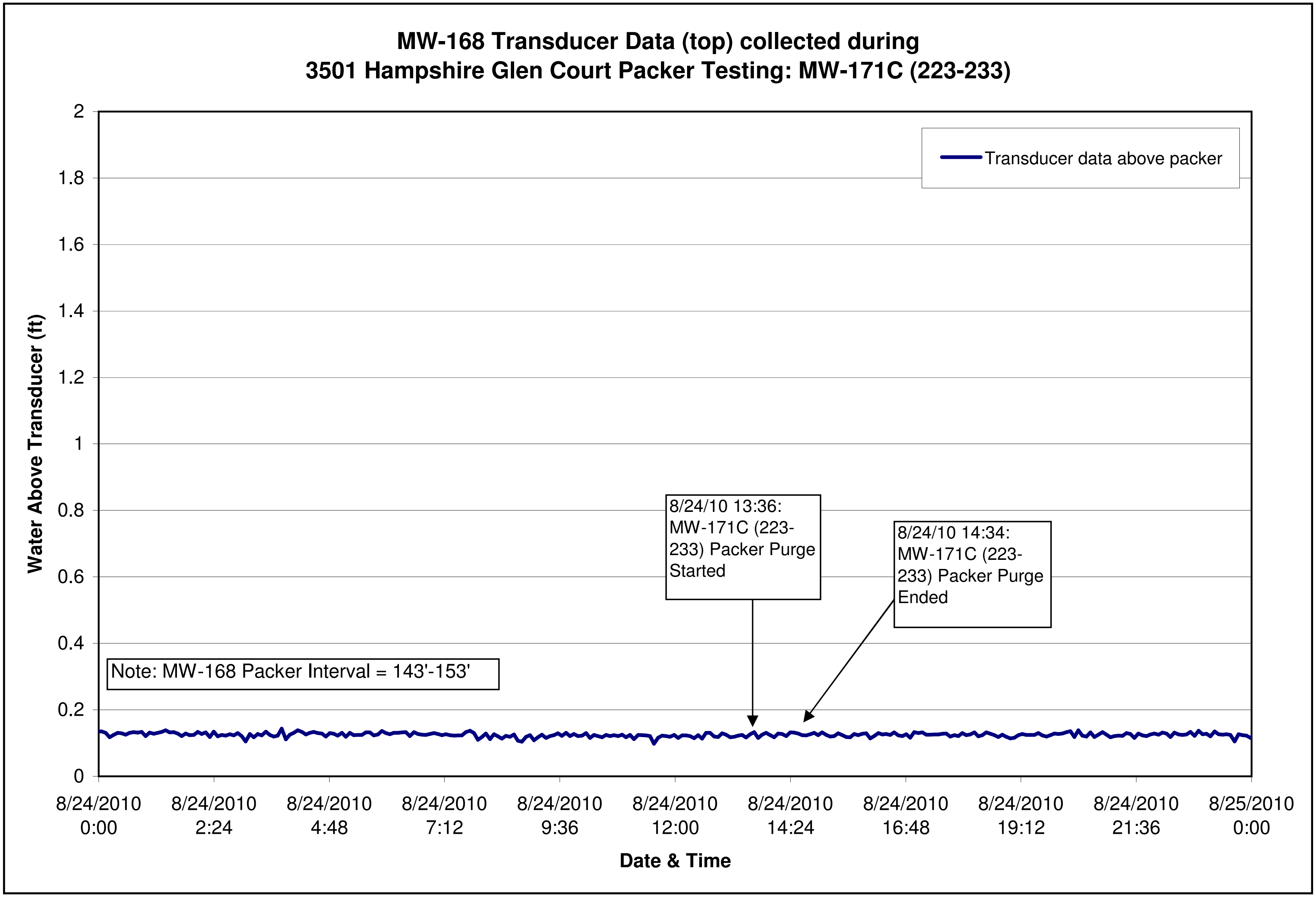
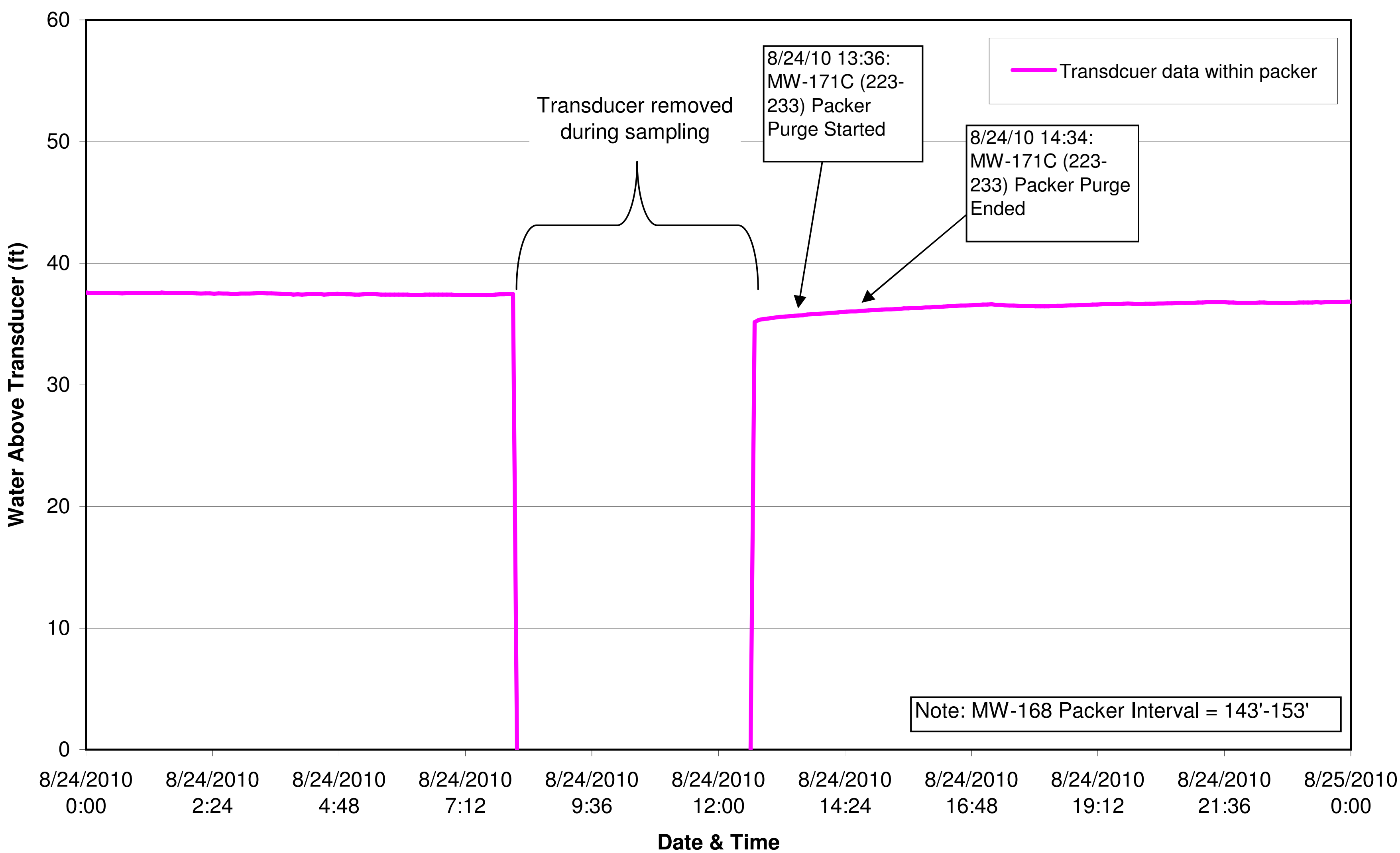
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

MW-168 Transducer Data (middle) collected during 3501 Hampshire Glen Court Packer Testing: MW-171C (223-233)



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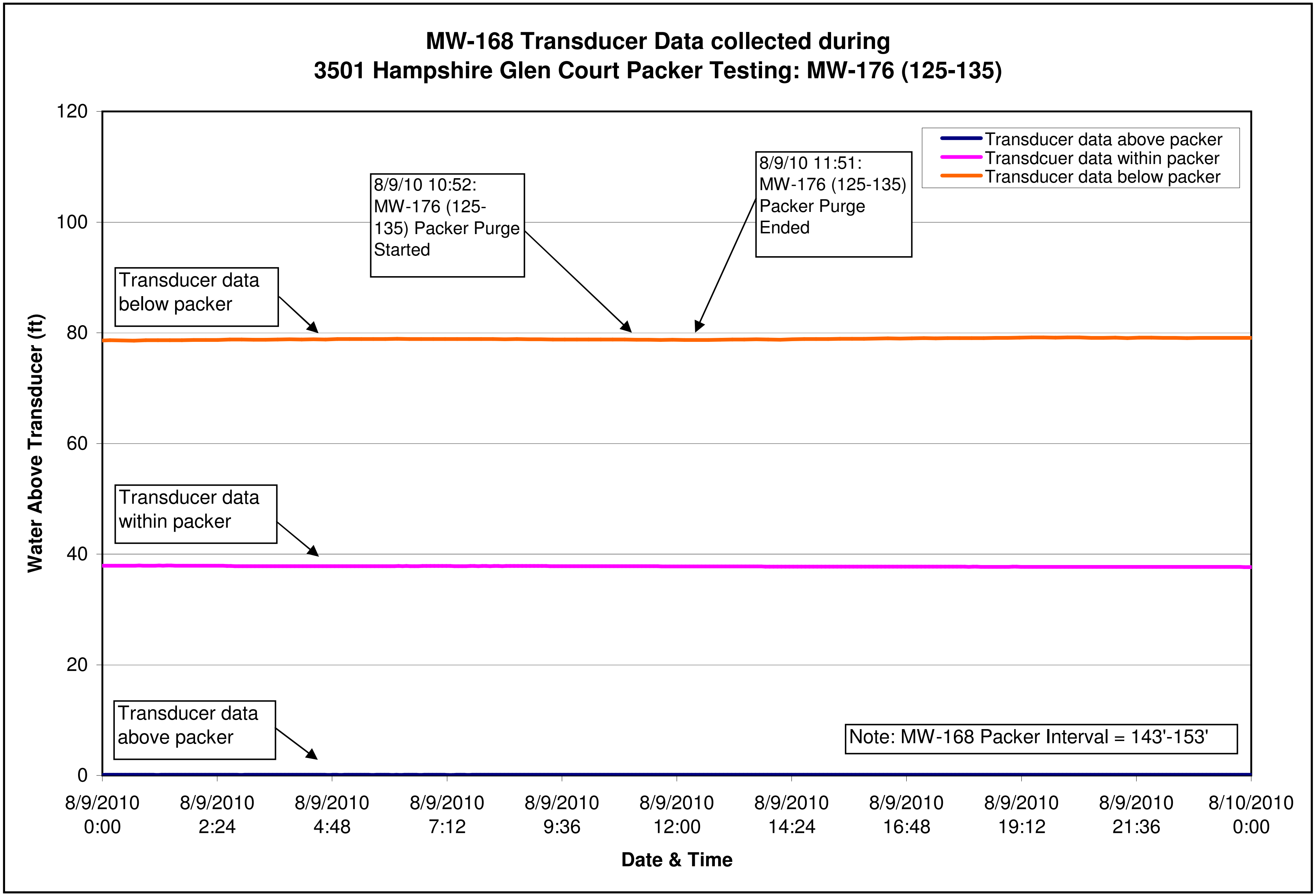

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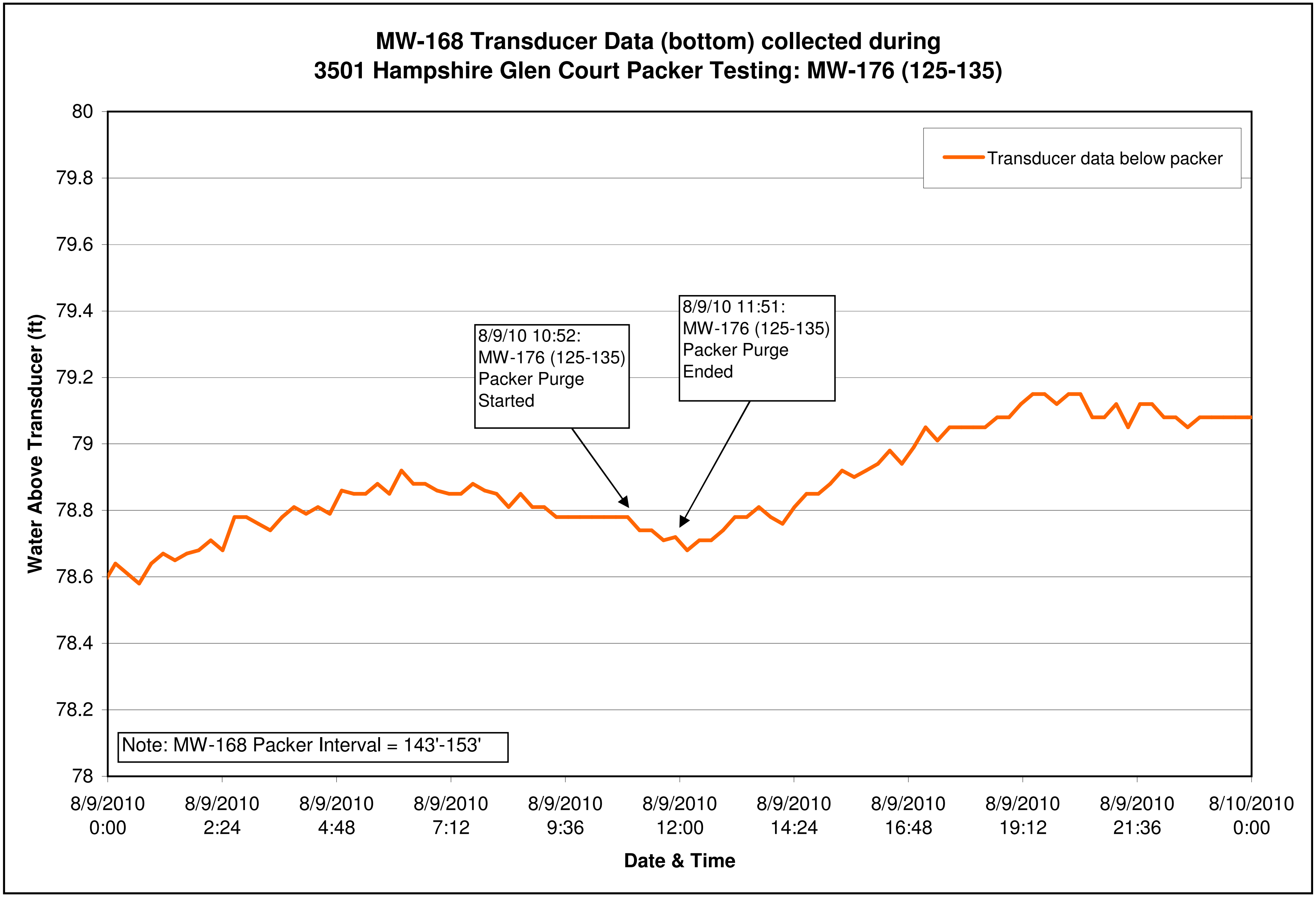

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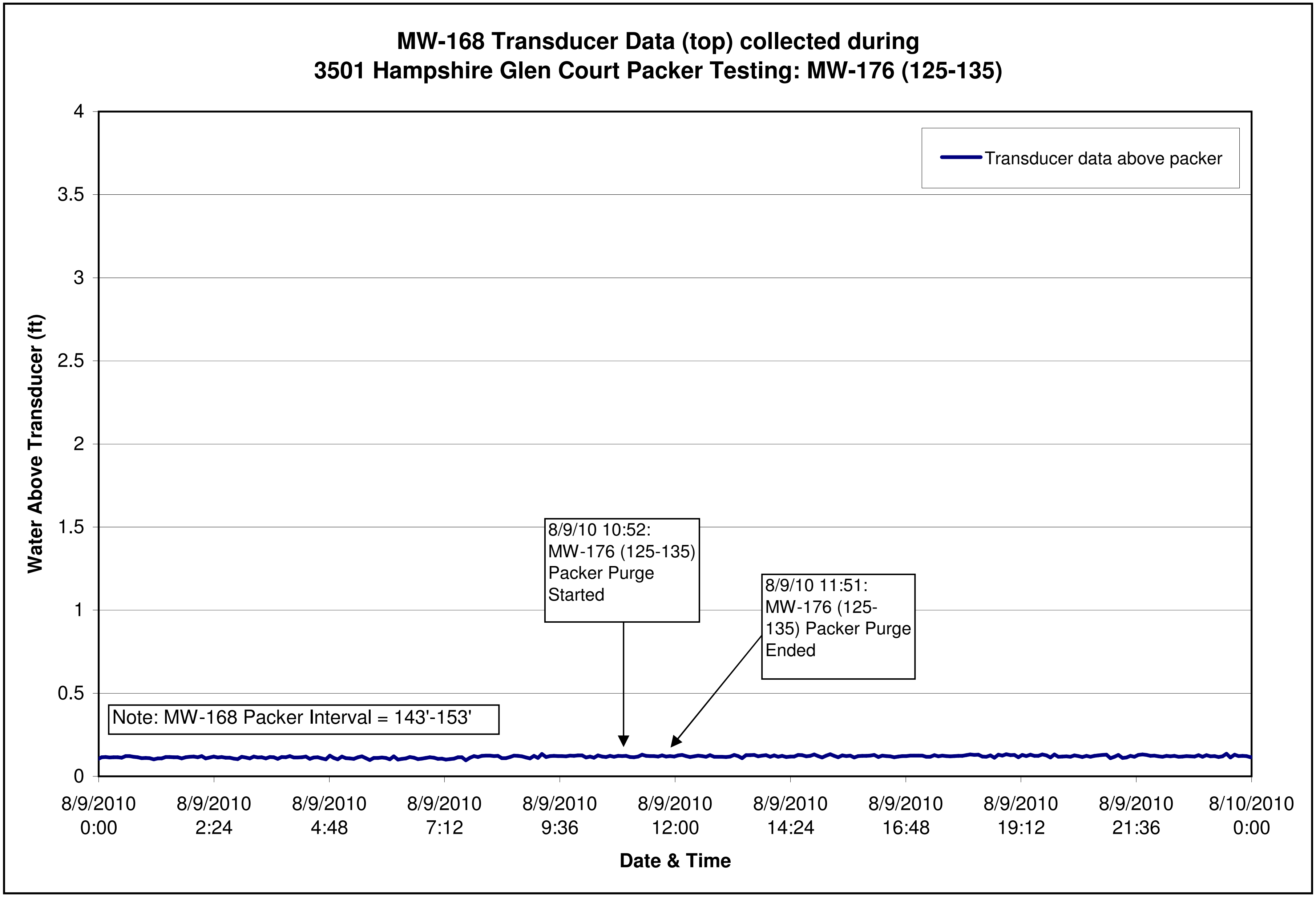

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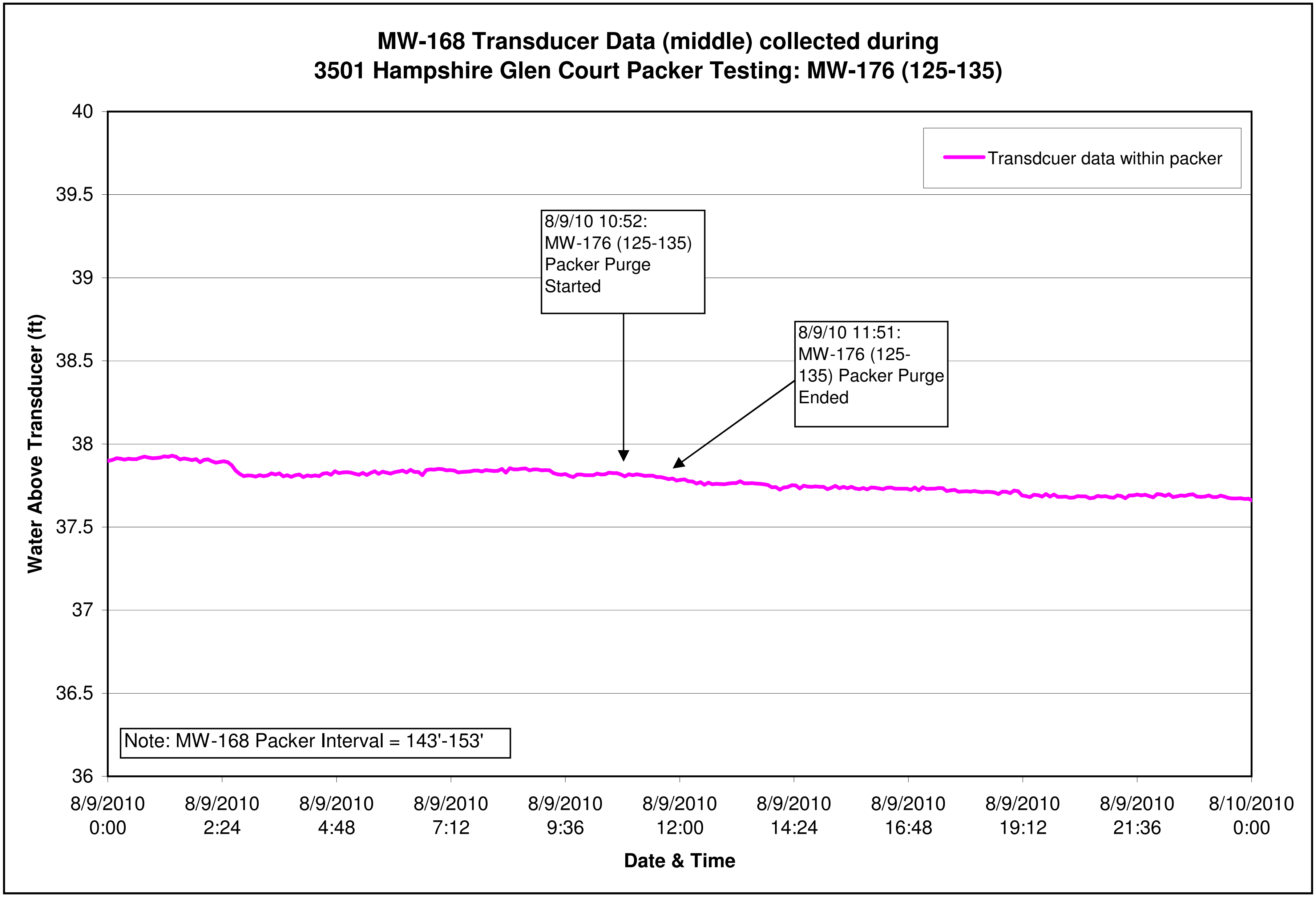

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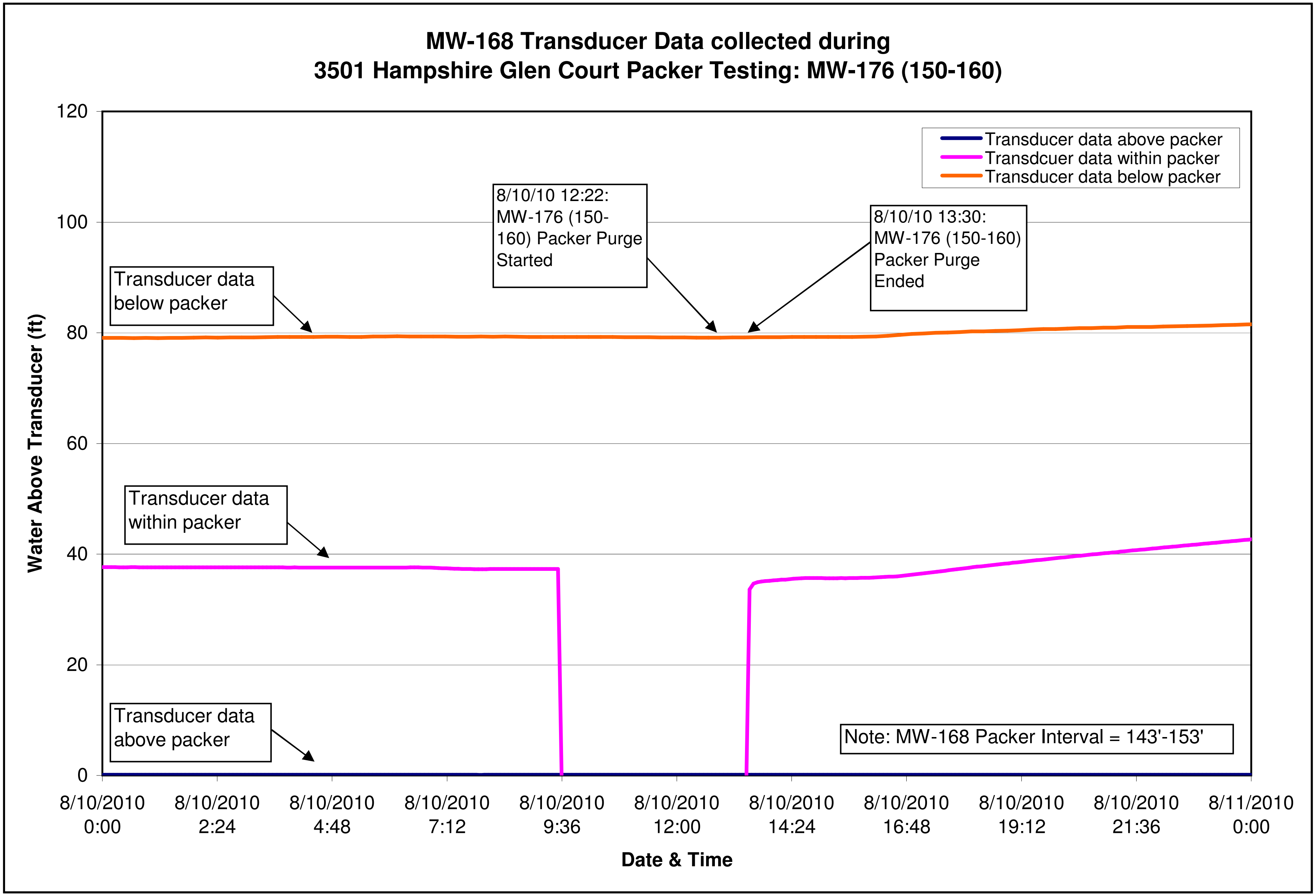

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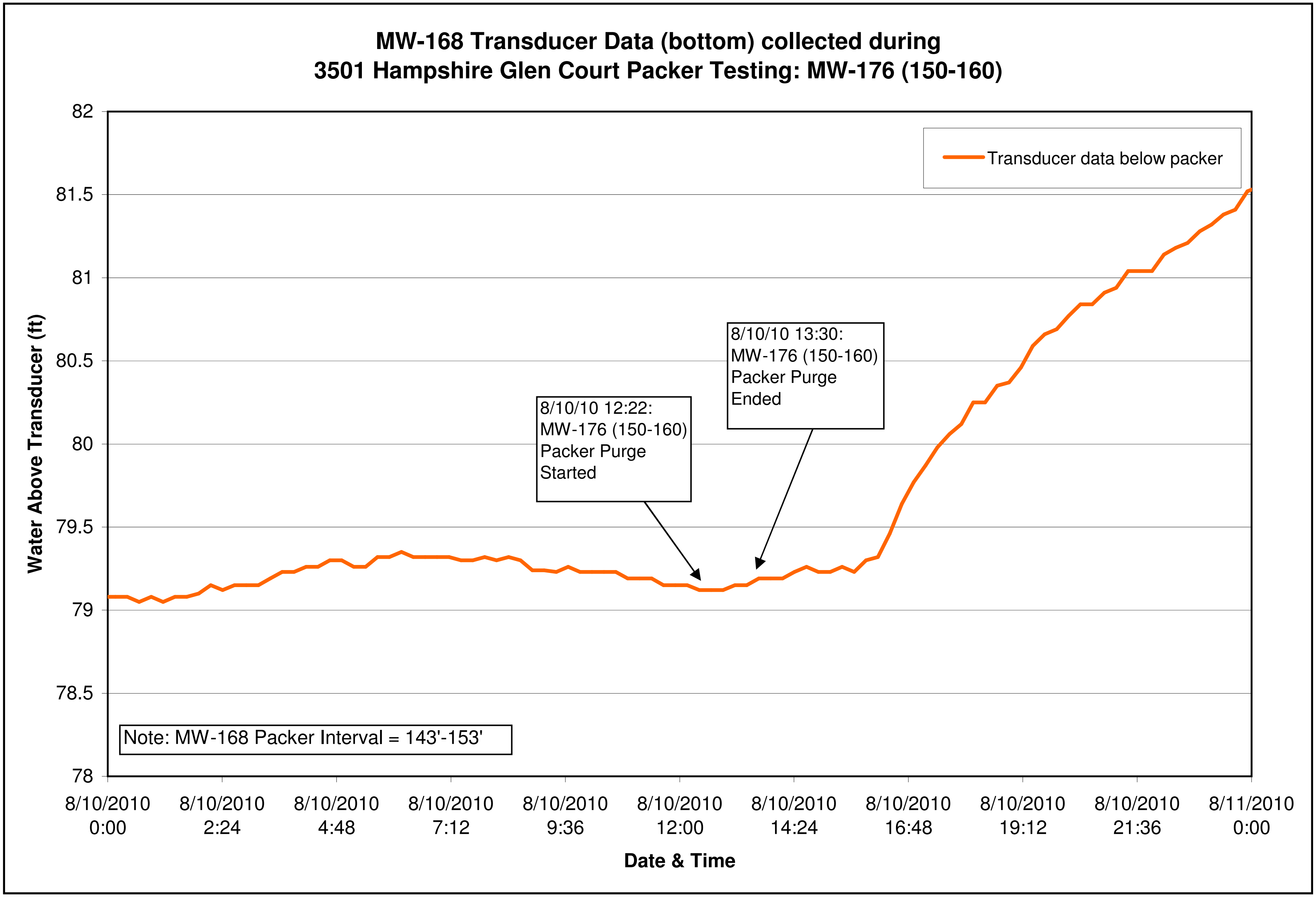

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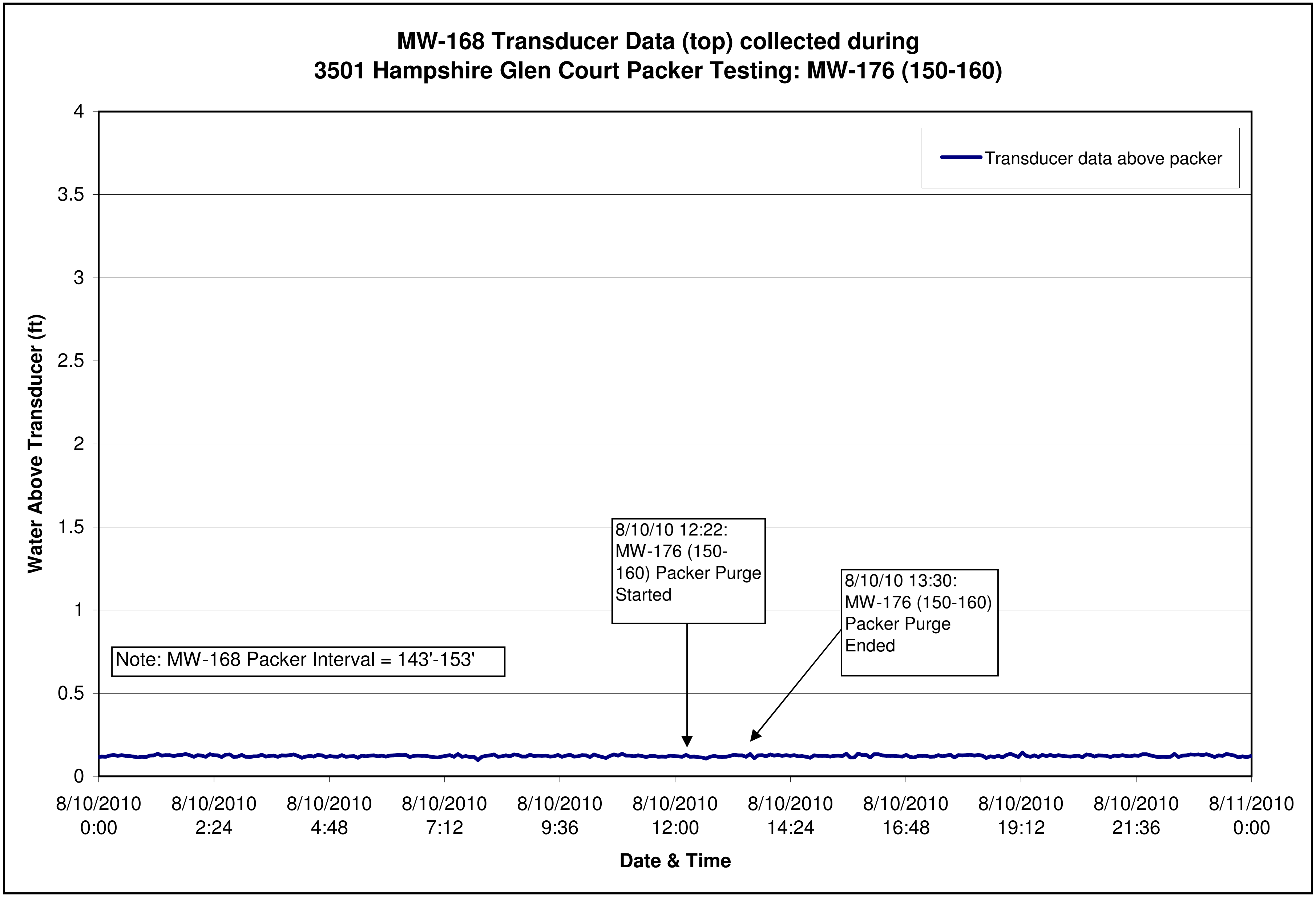

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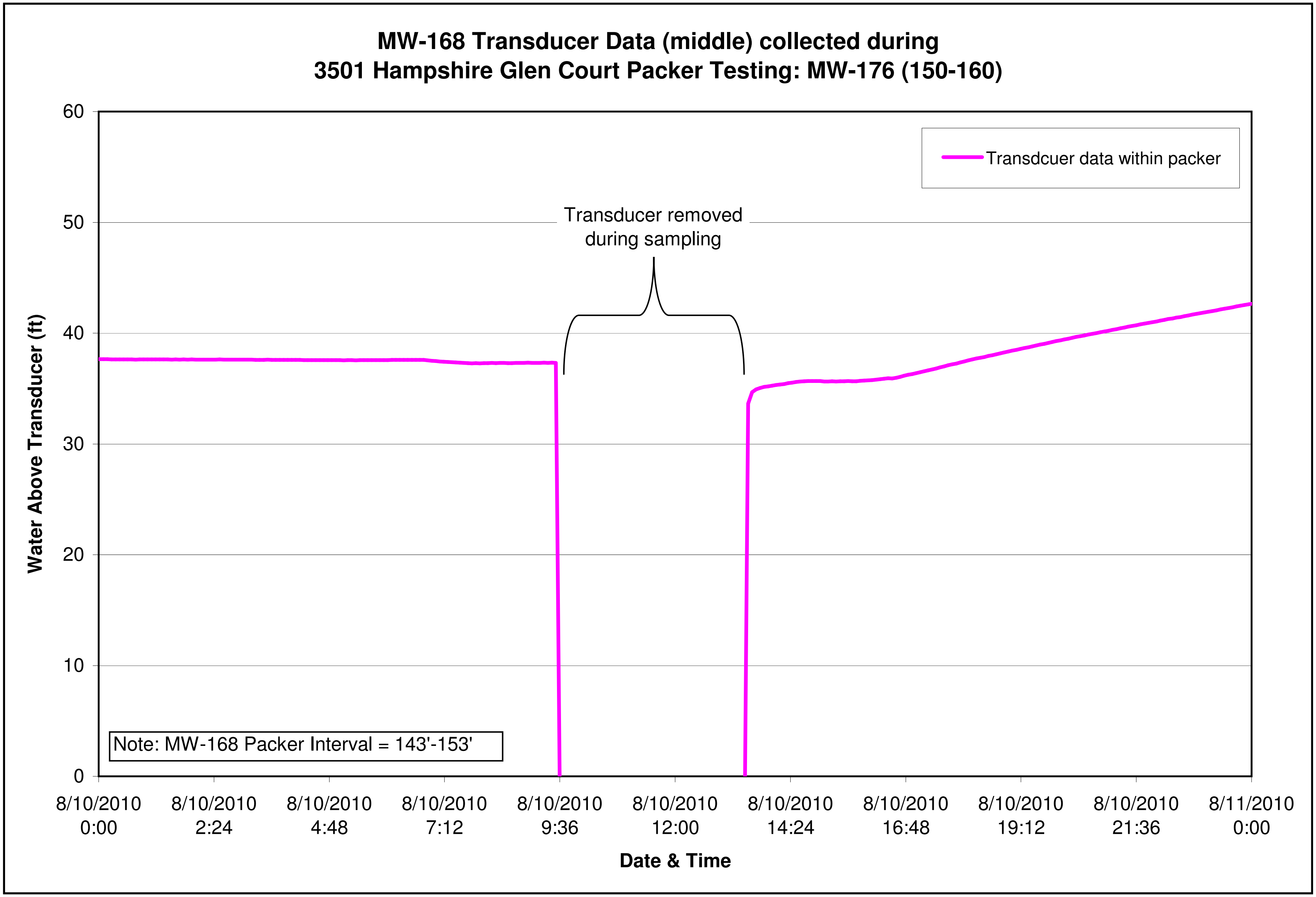

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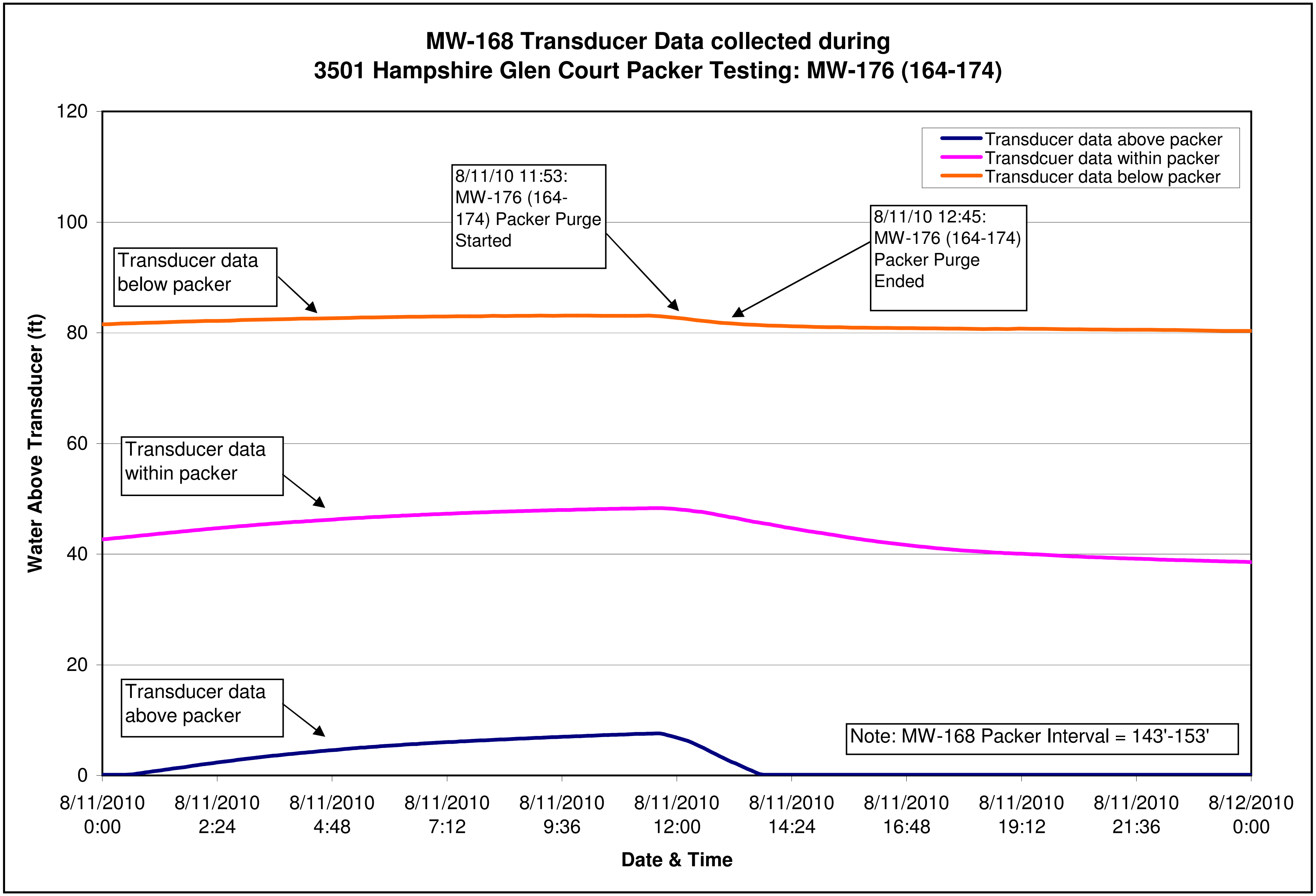
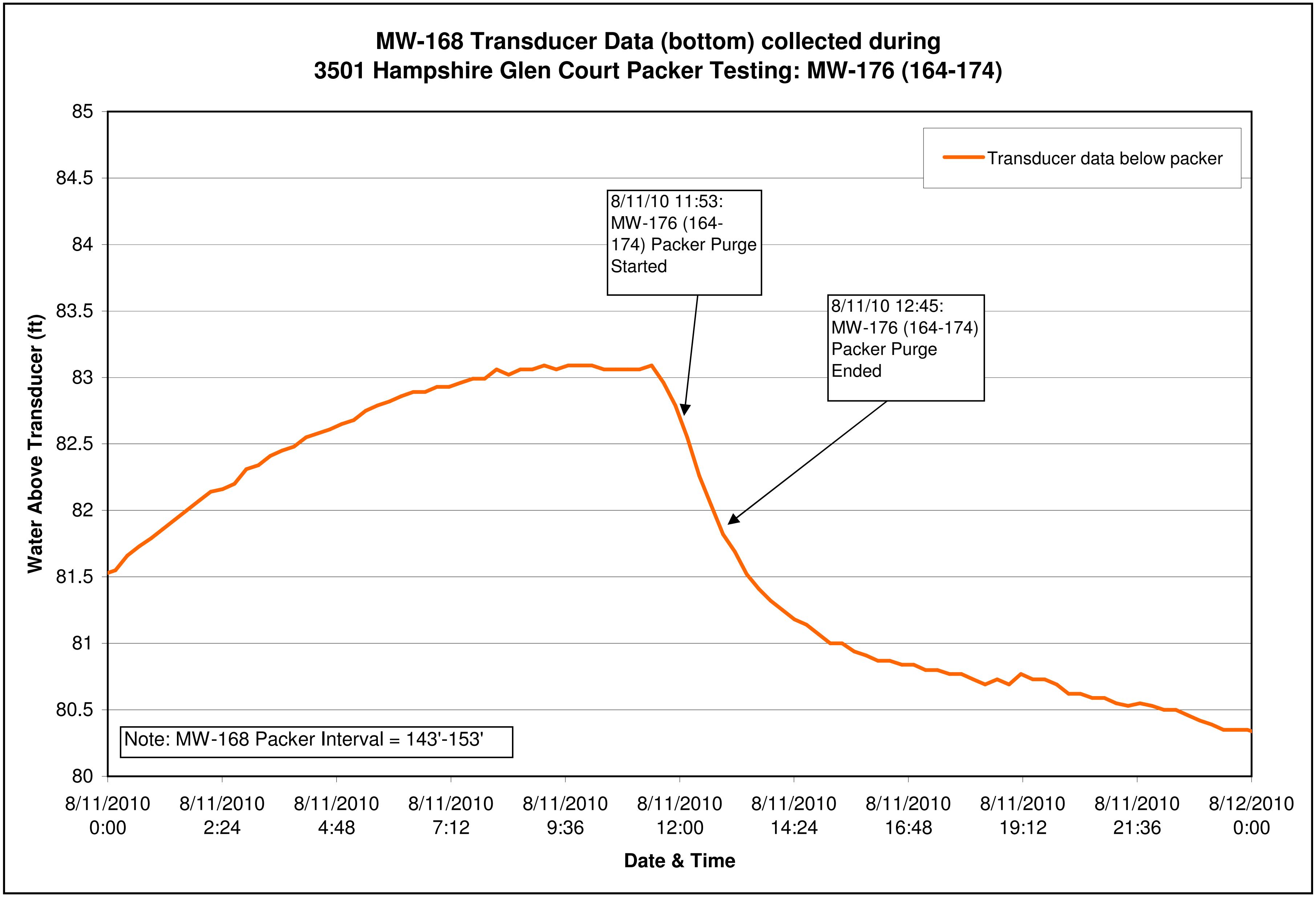
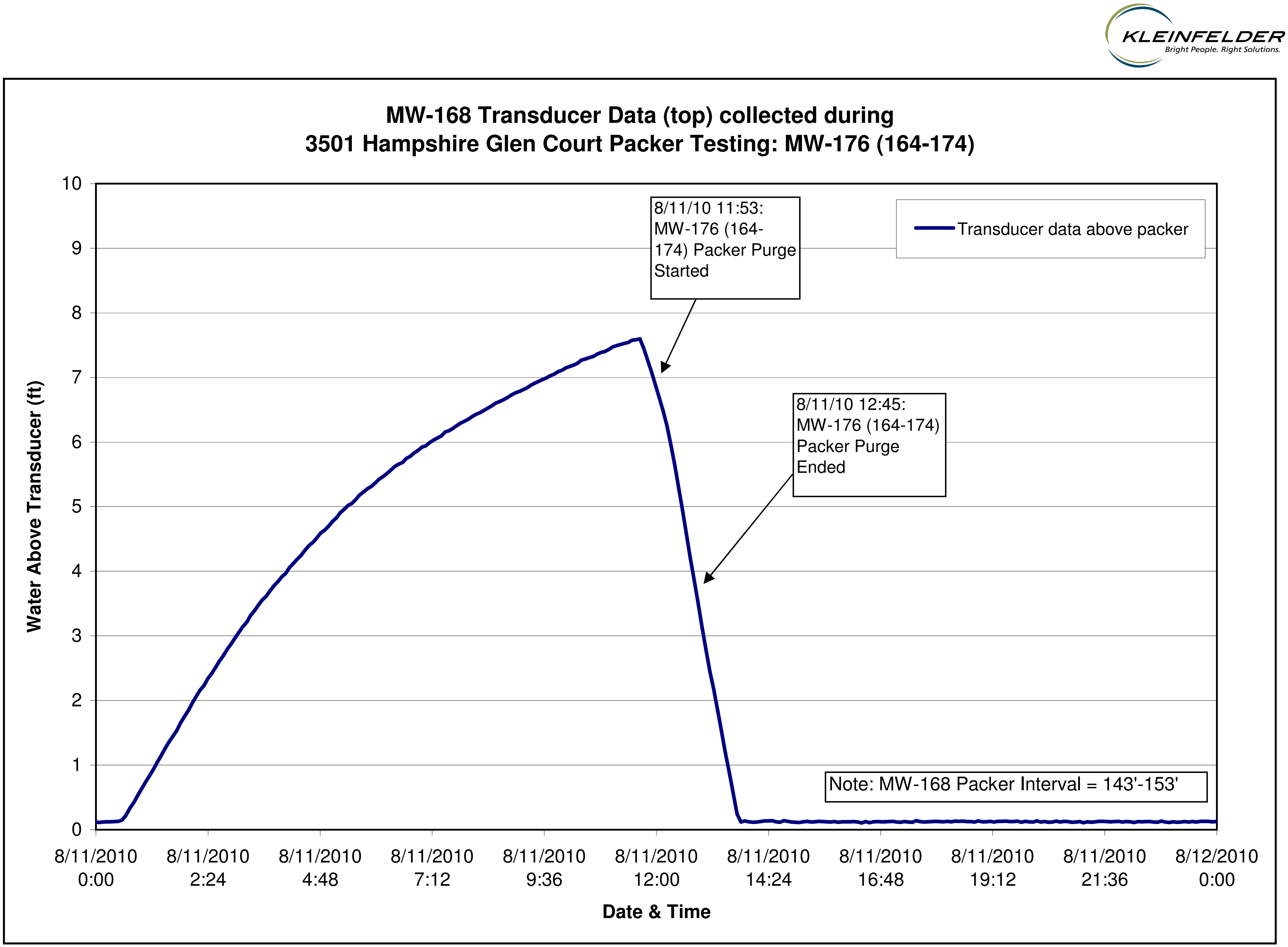
1340 Charwood Road, Suite I
Hanover, Maryland



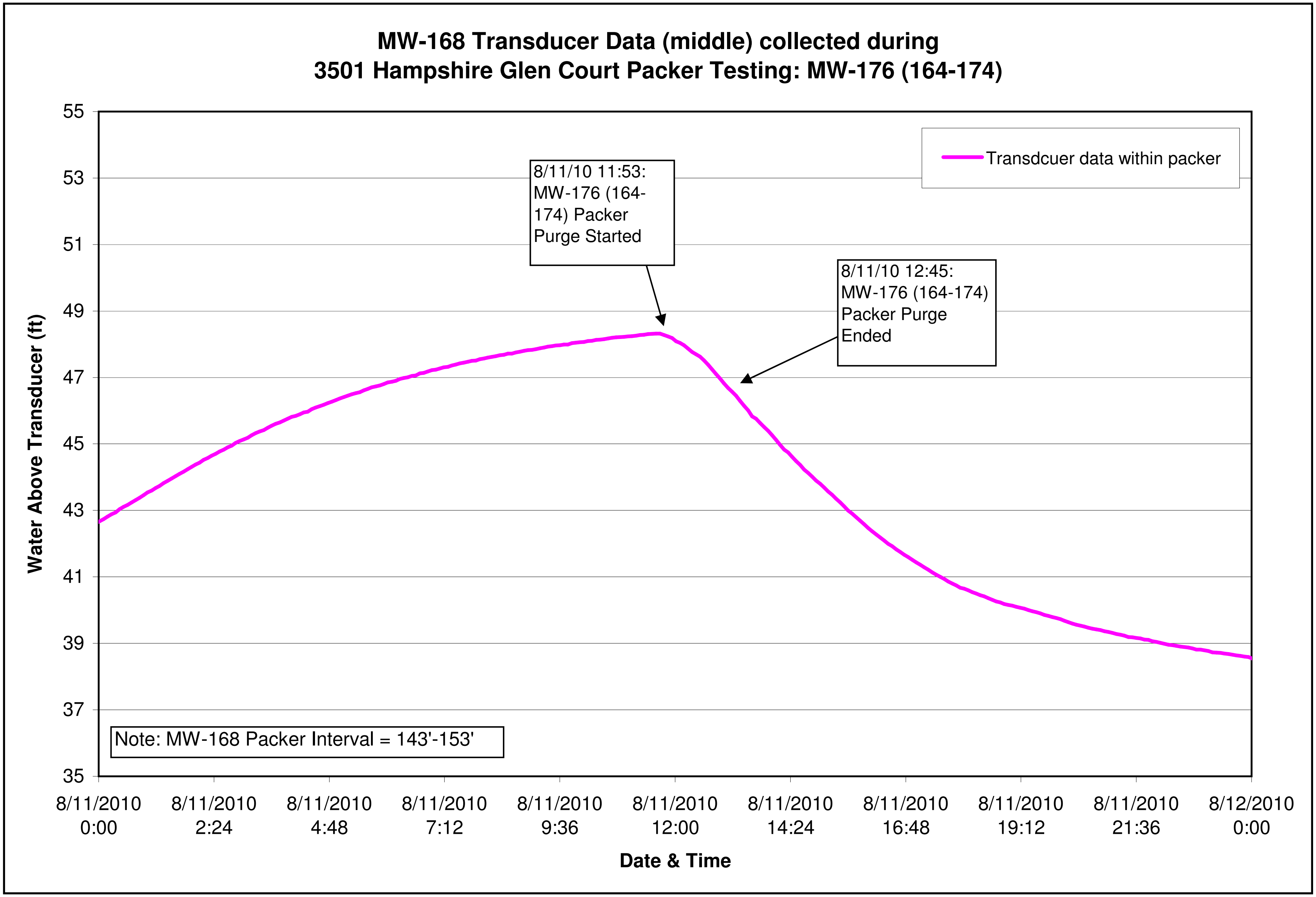
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



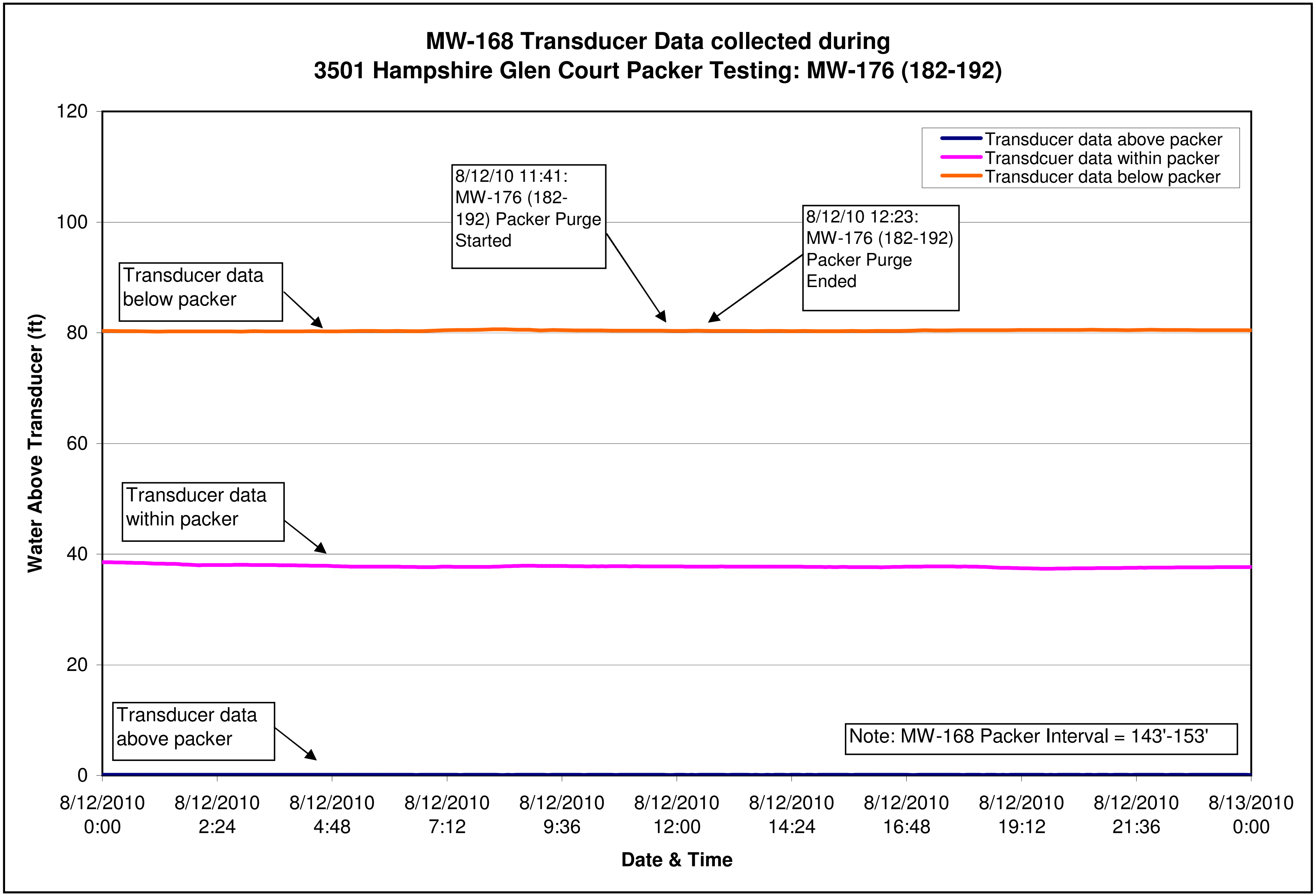
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



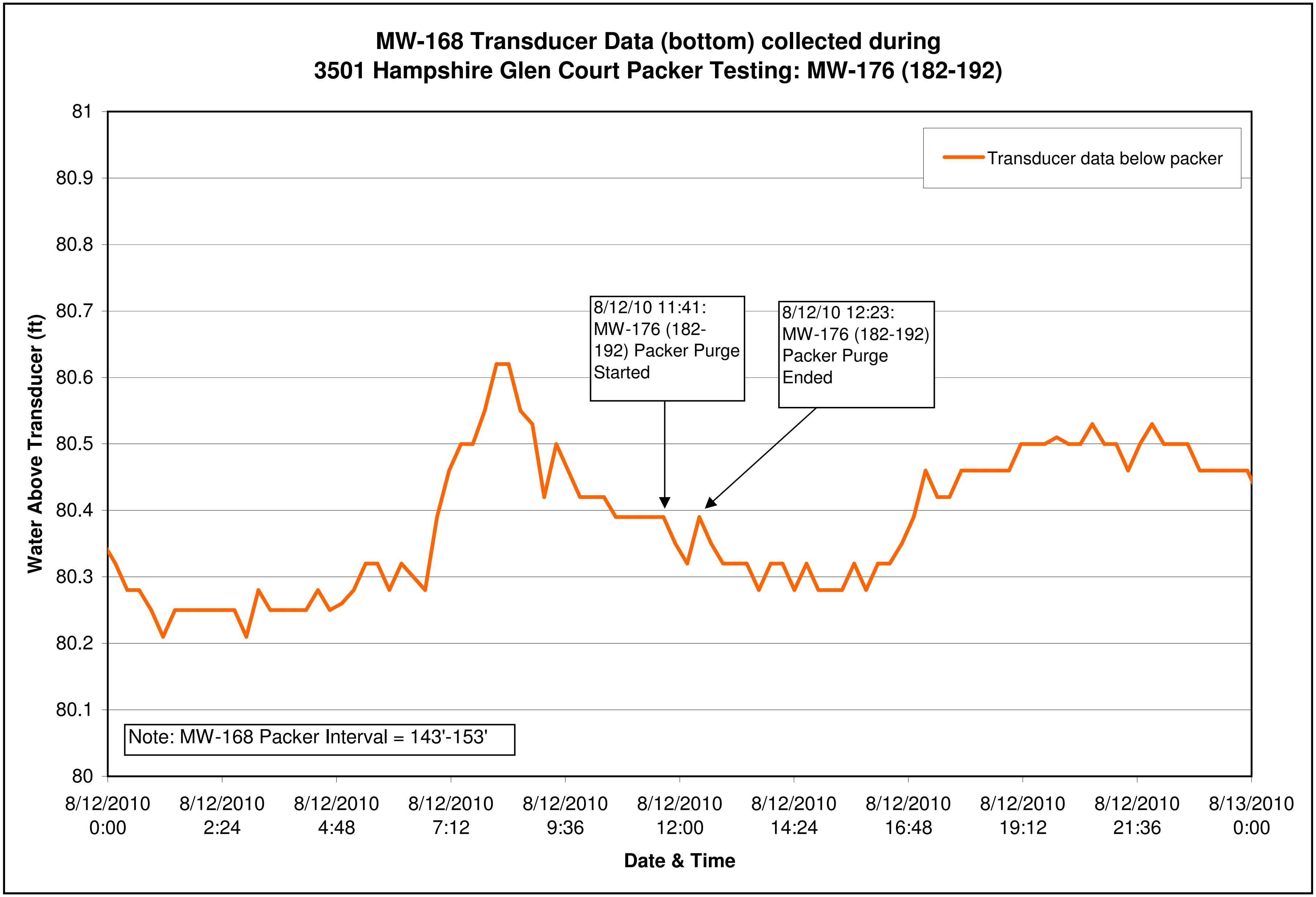
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



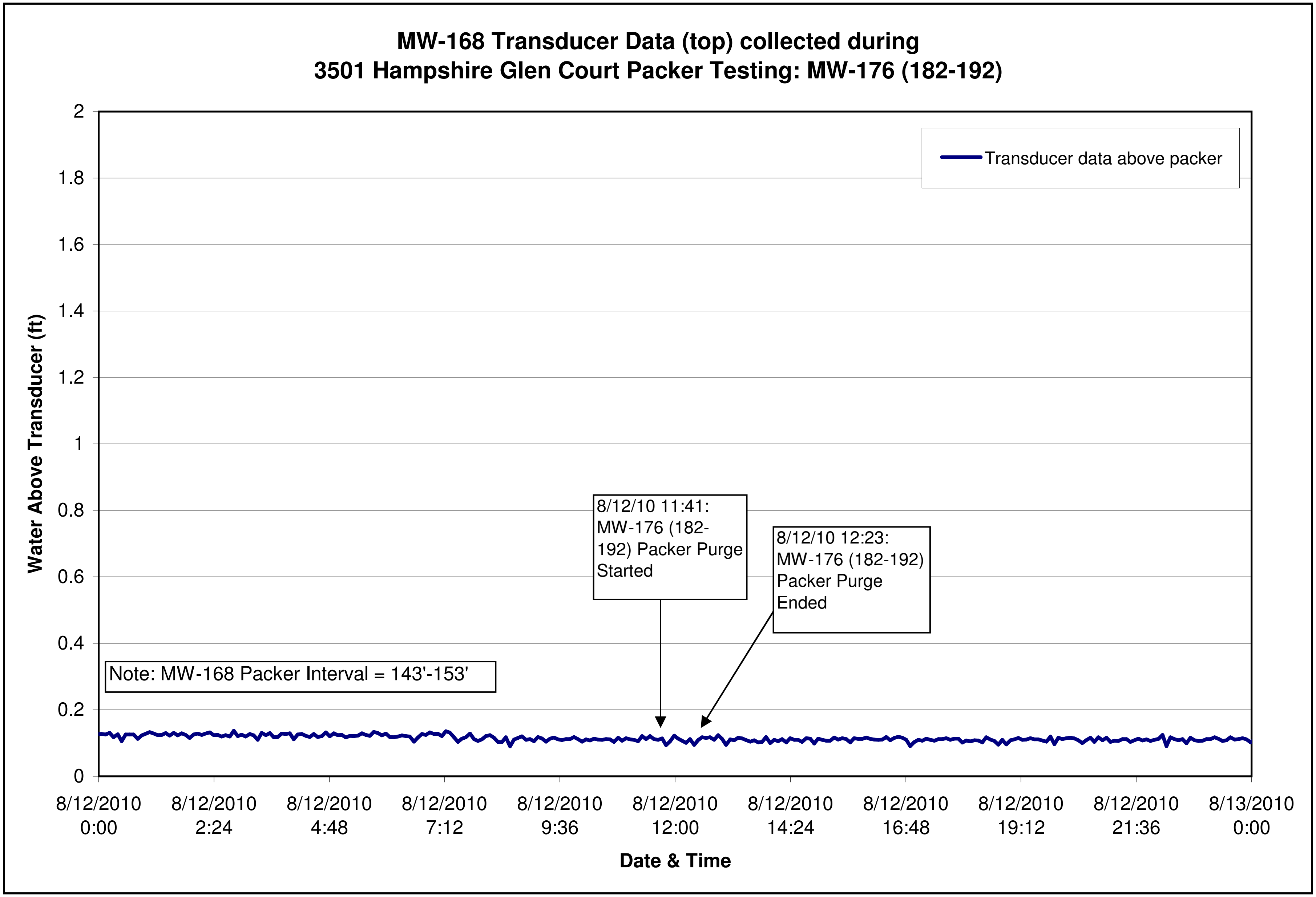
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



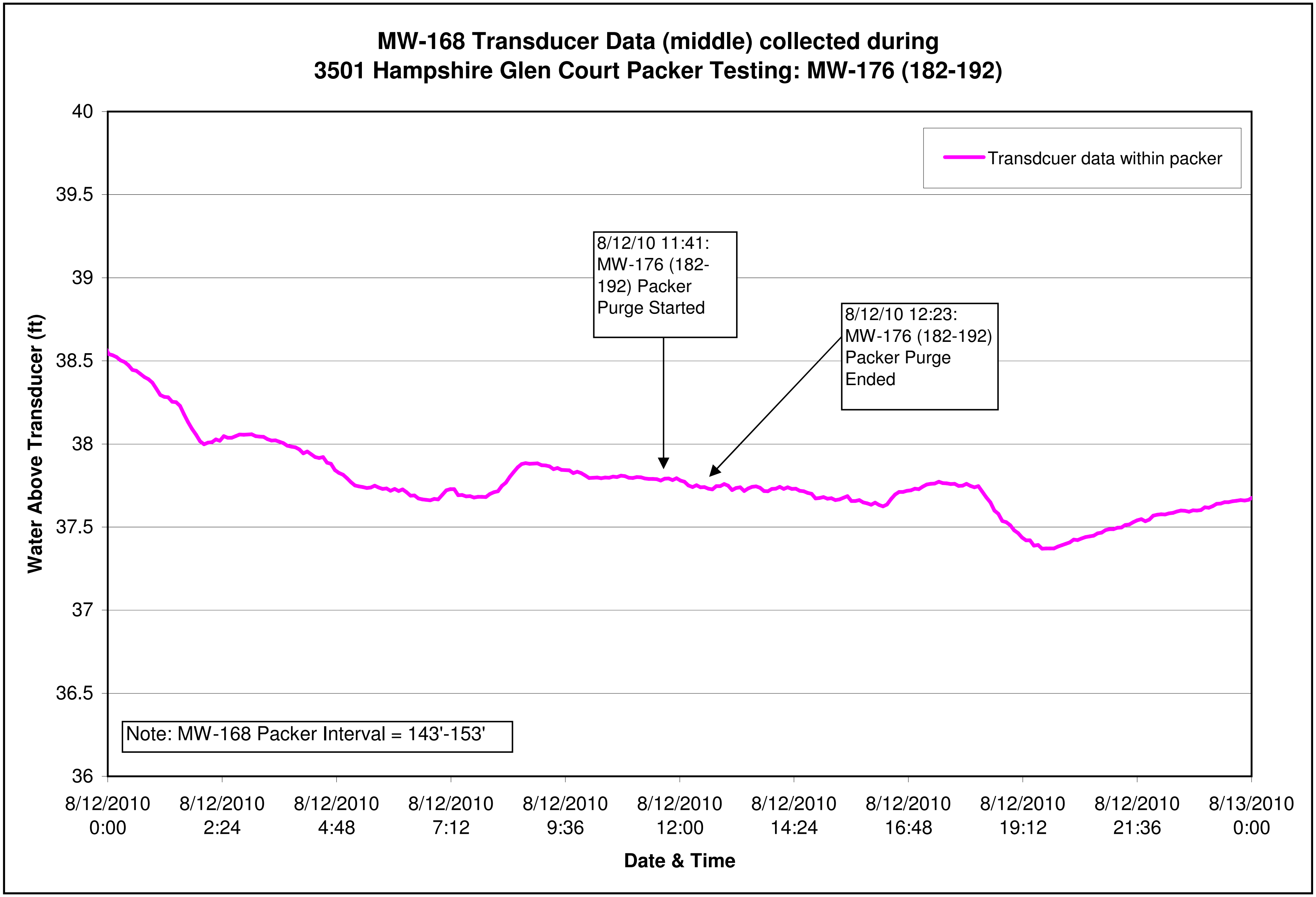
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



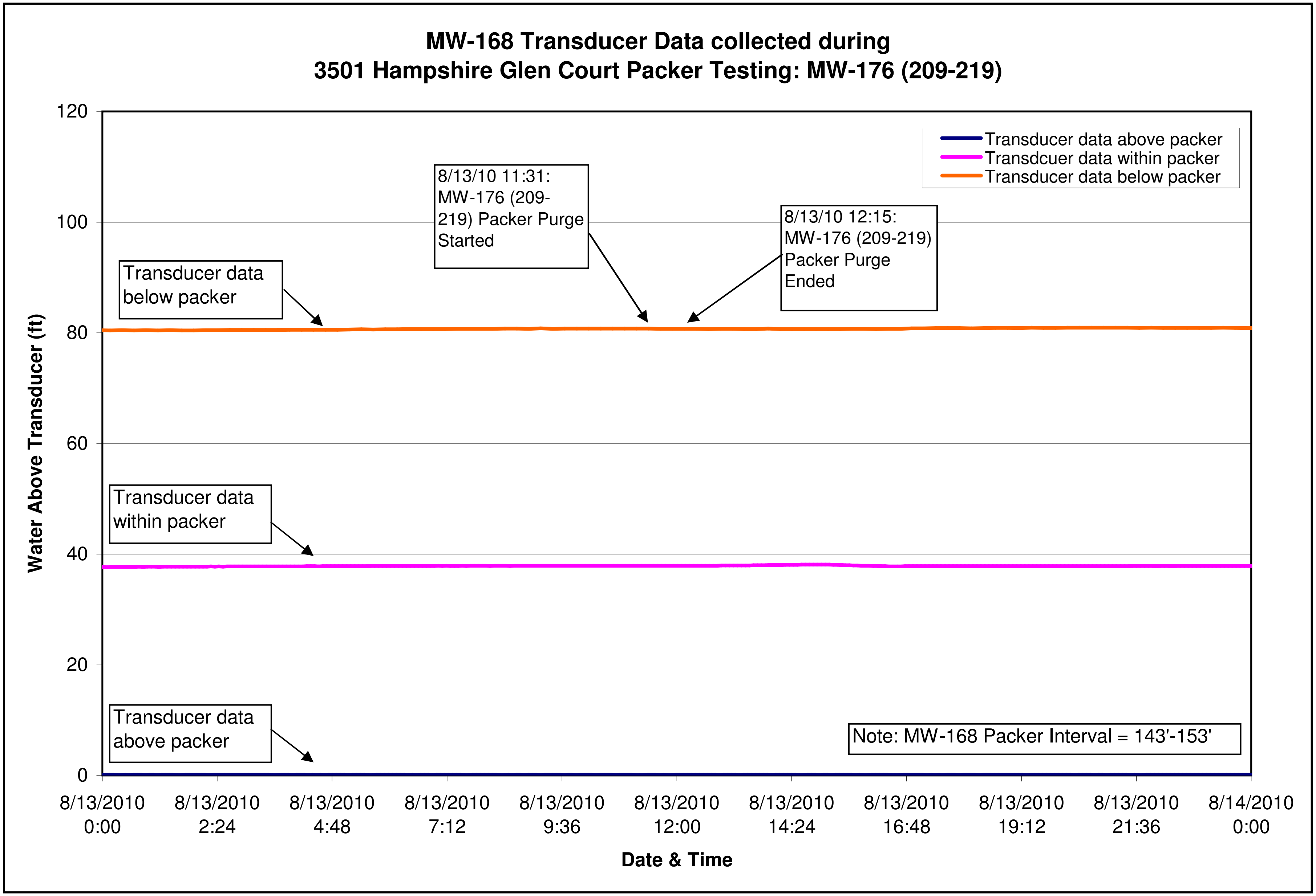
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



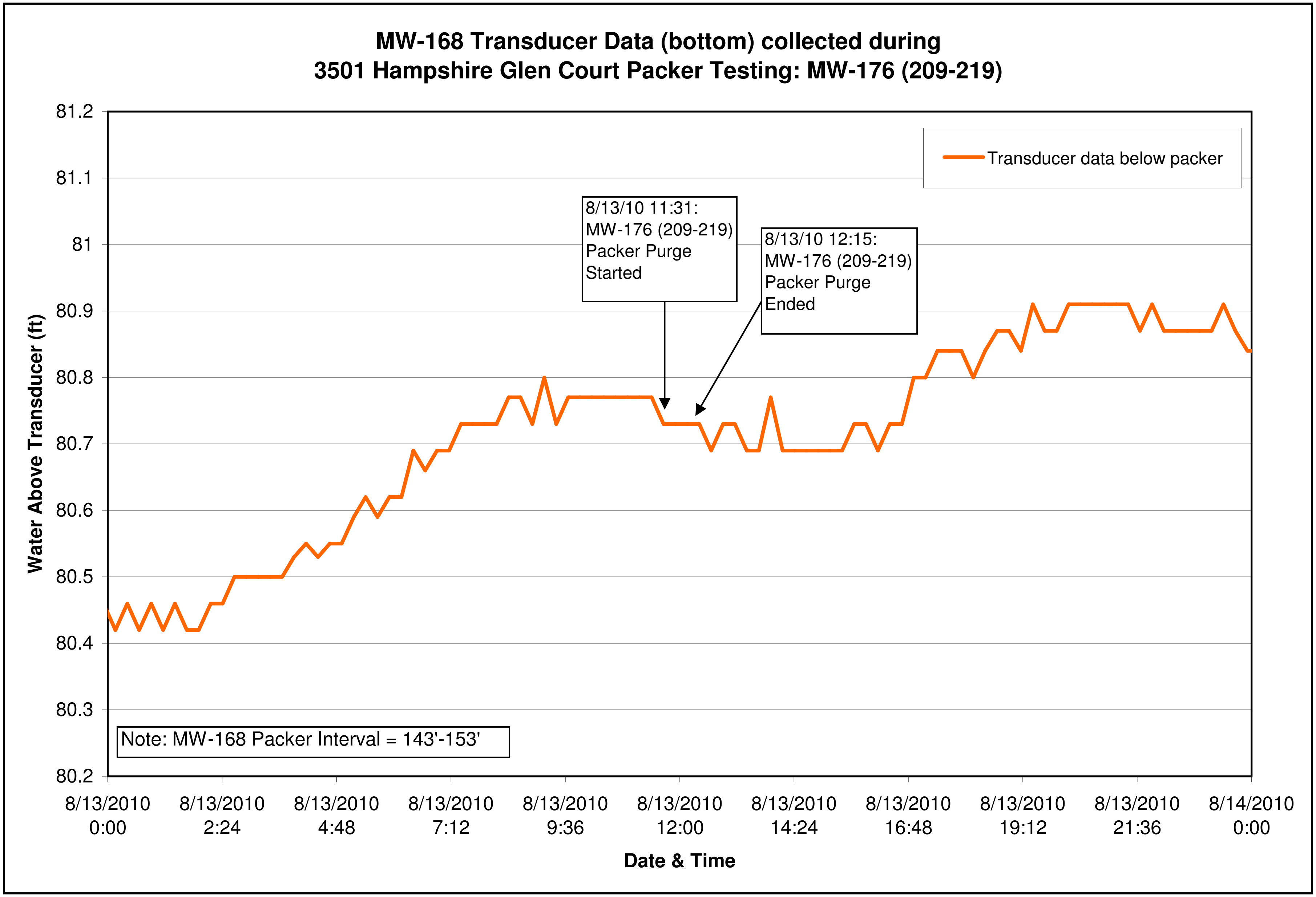
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

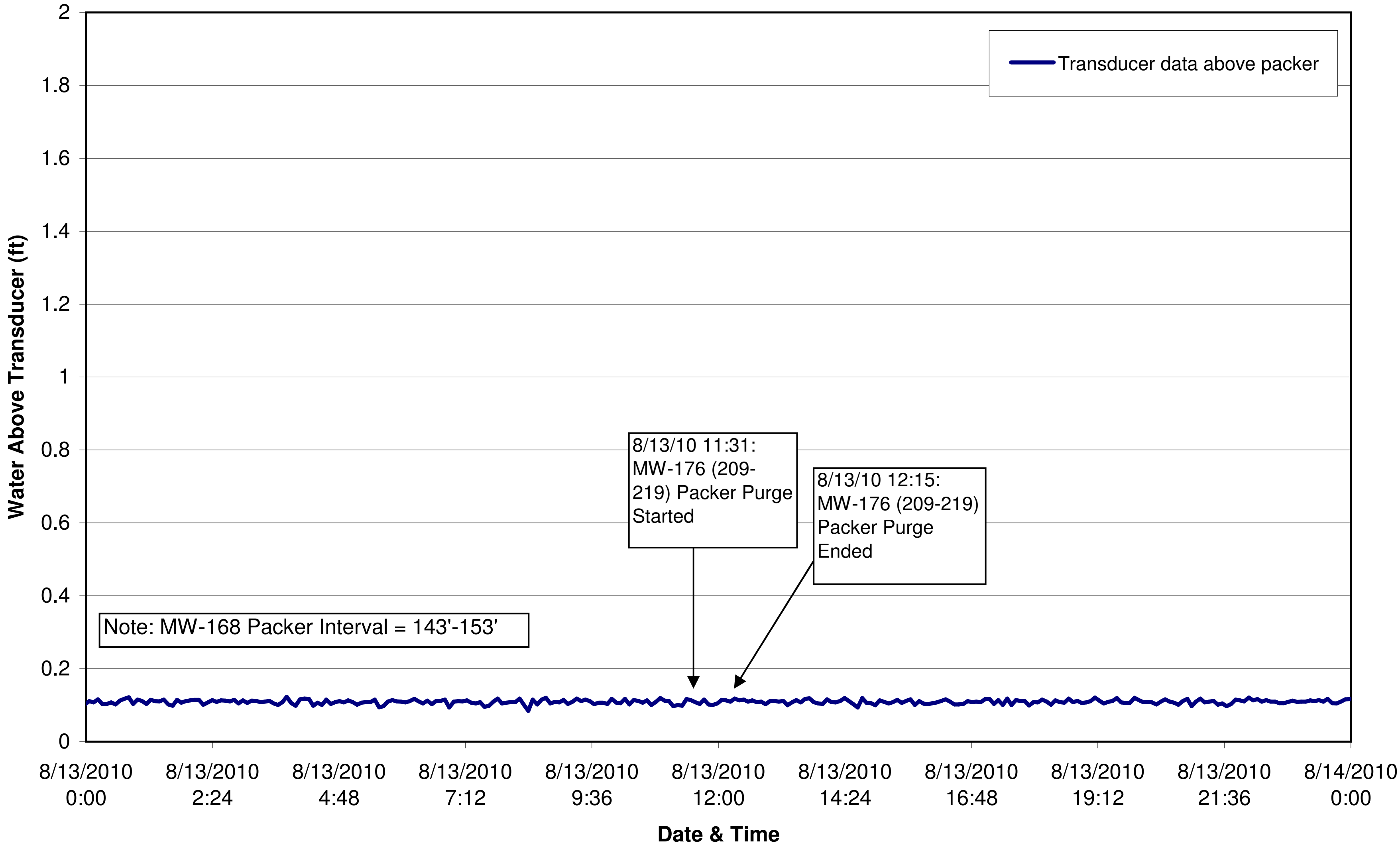


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

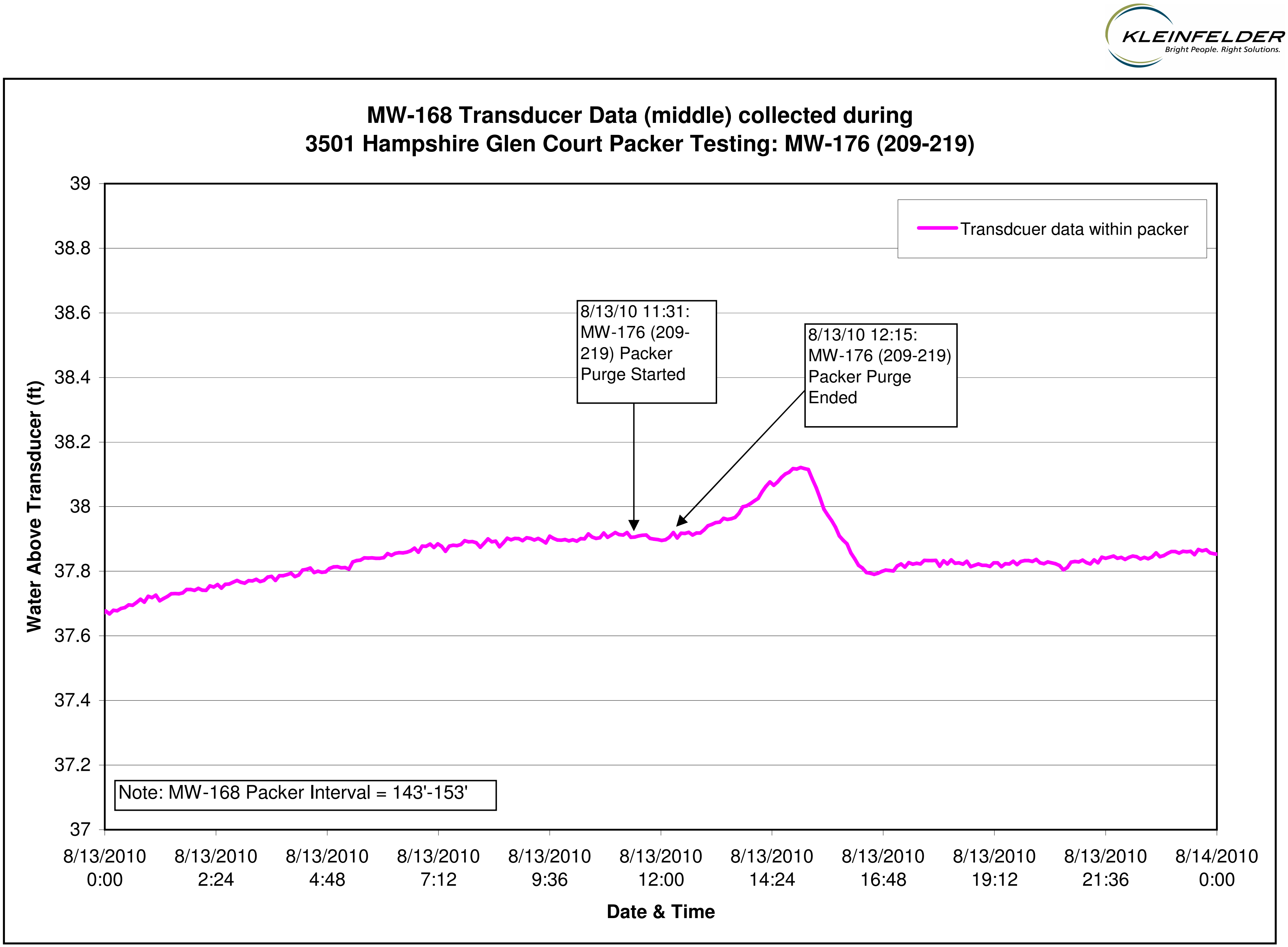


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

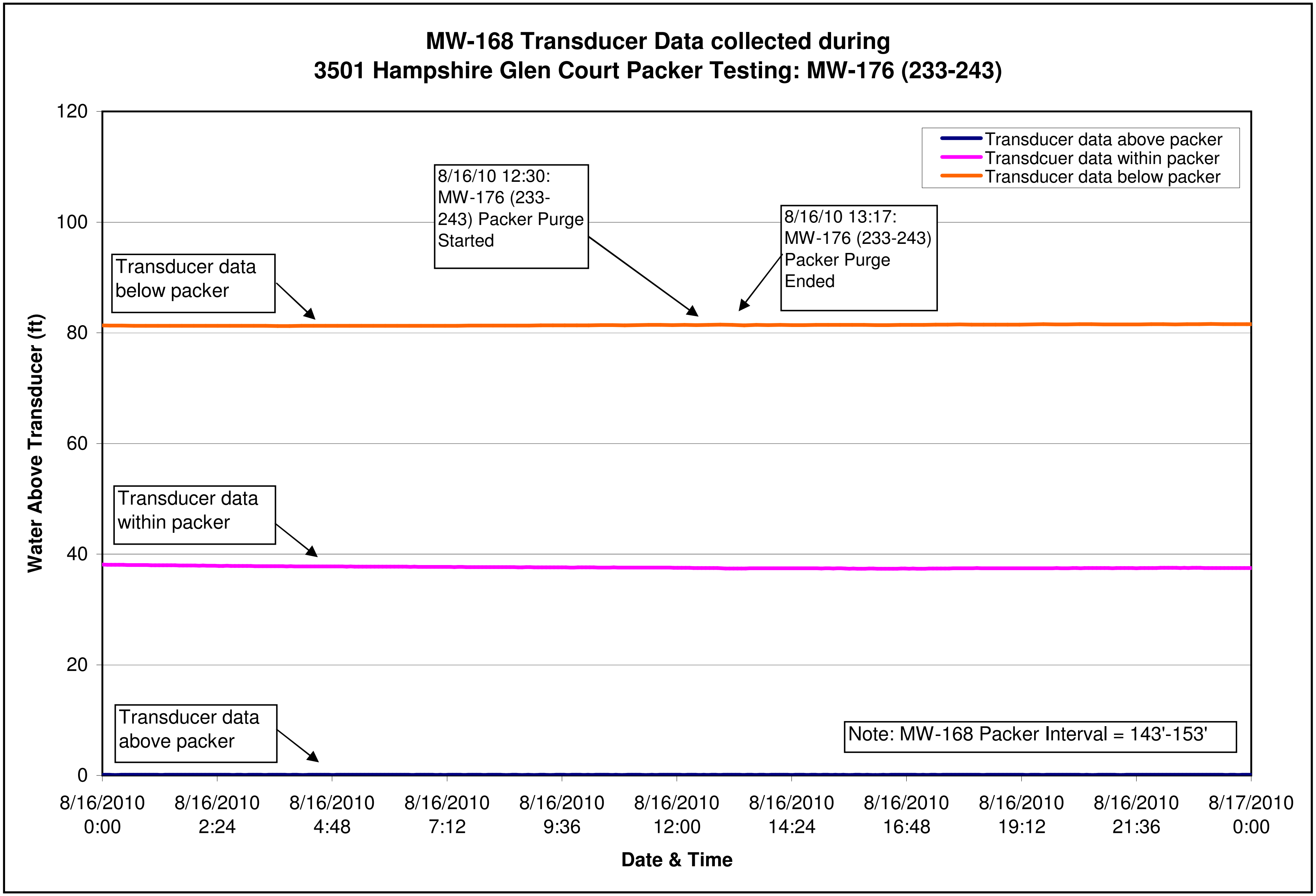
MW-168 Transducer Data (top) collected during 3501 Hampshire Glen Court Packer Testing: MW-176 (209-219)



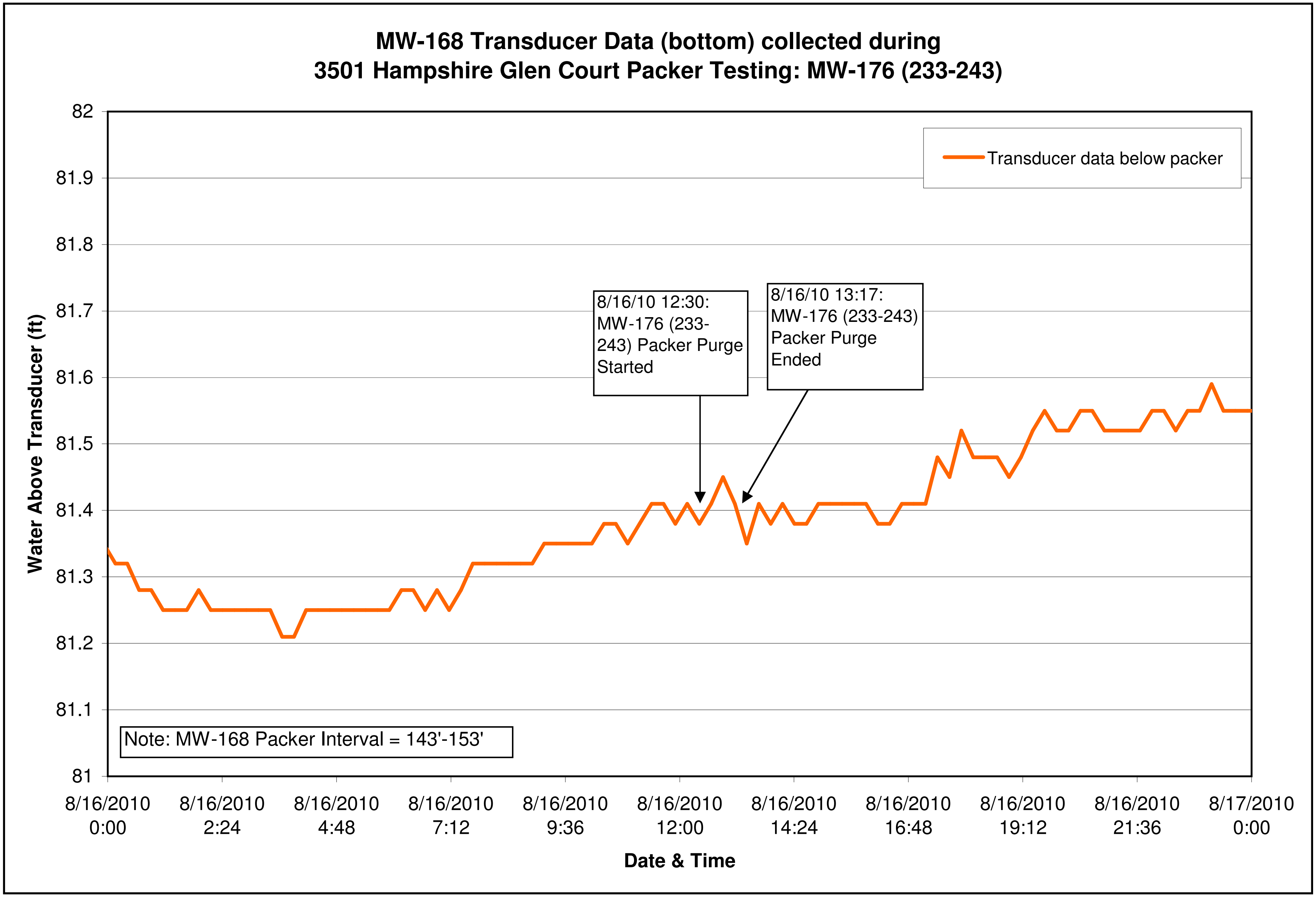
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



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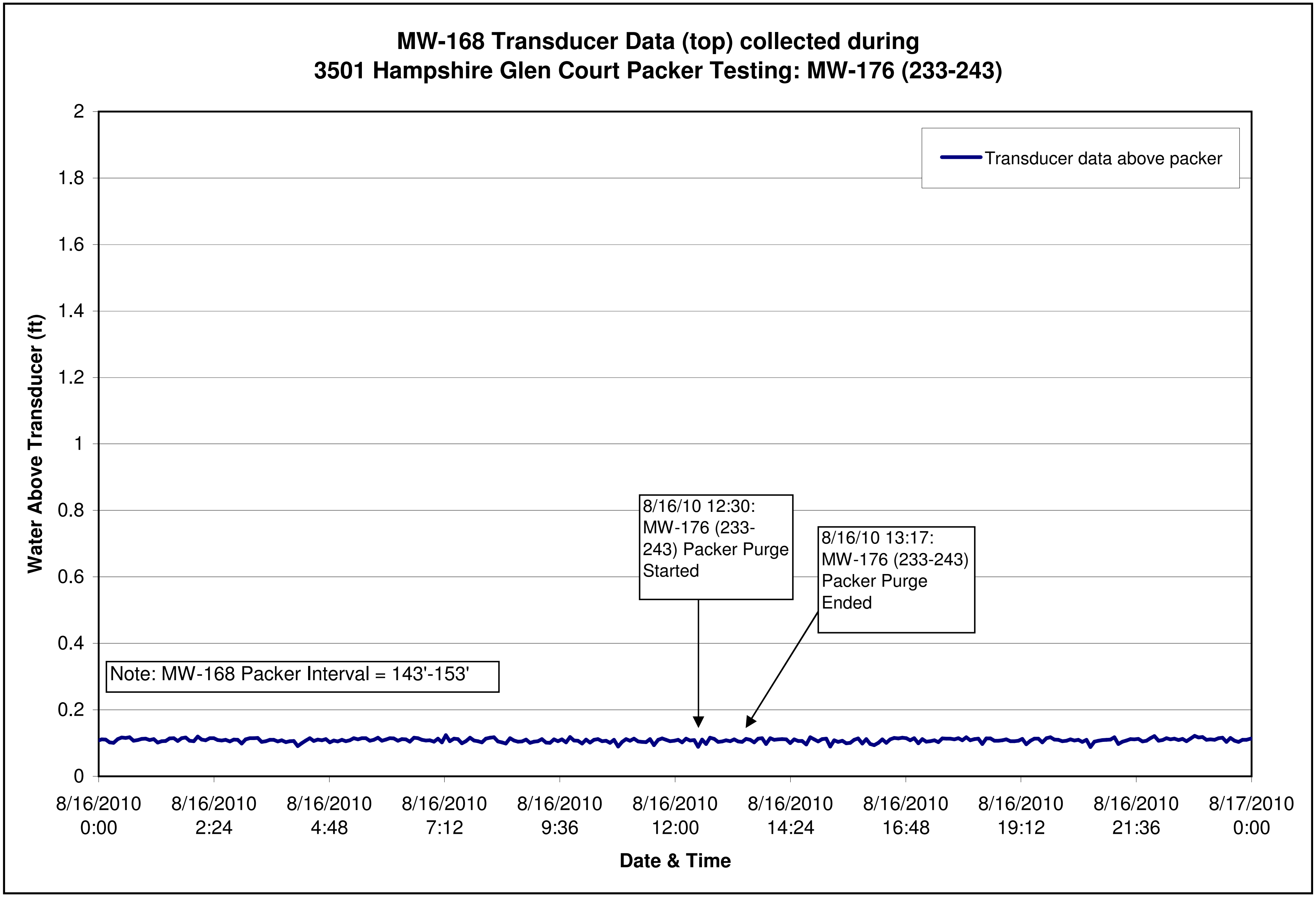
1340 Charwood Road, Suite I
Hanover, Maryland



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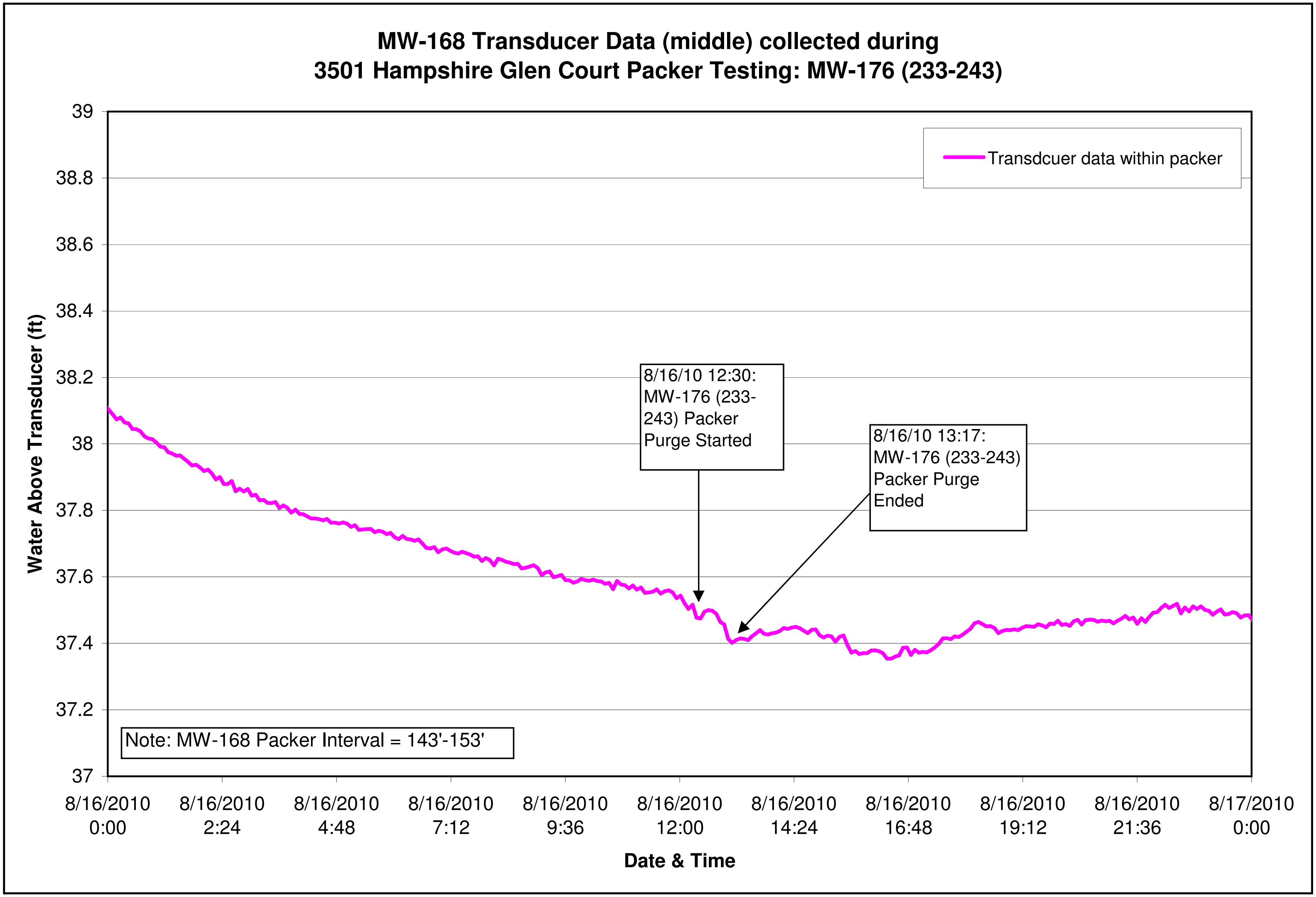
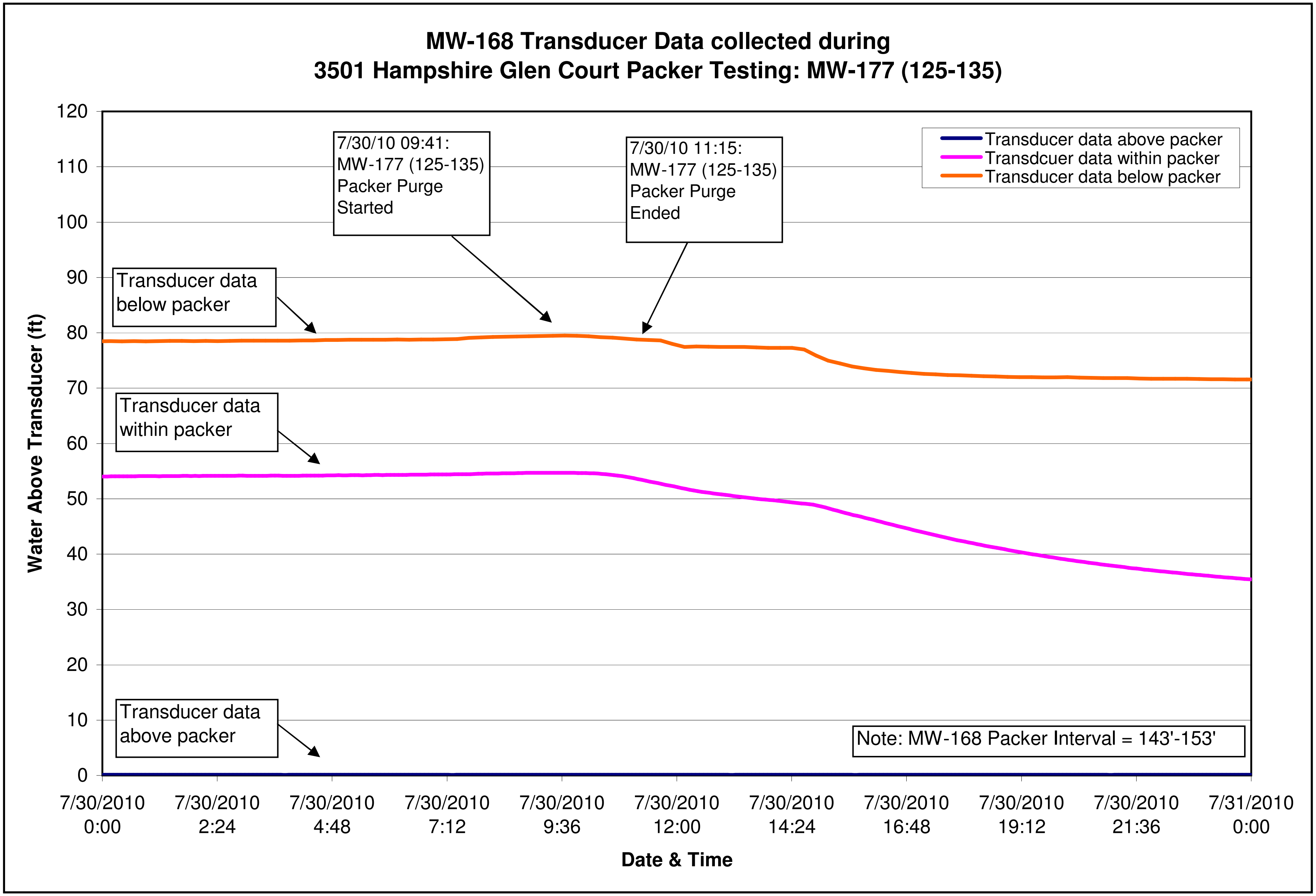
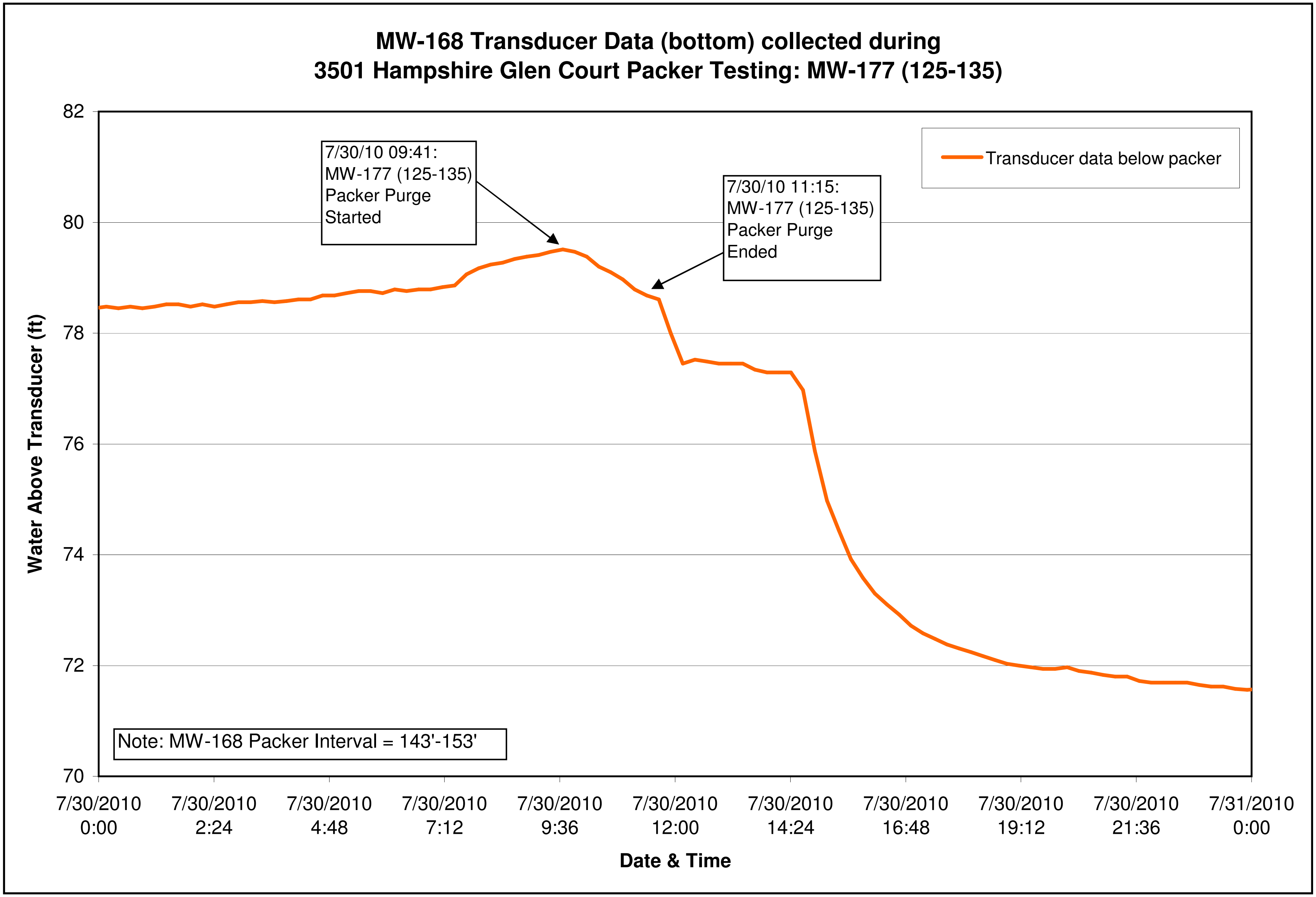
1340 Charwood Road, Suite I
Hanover, Maryland



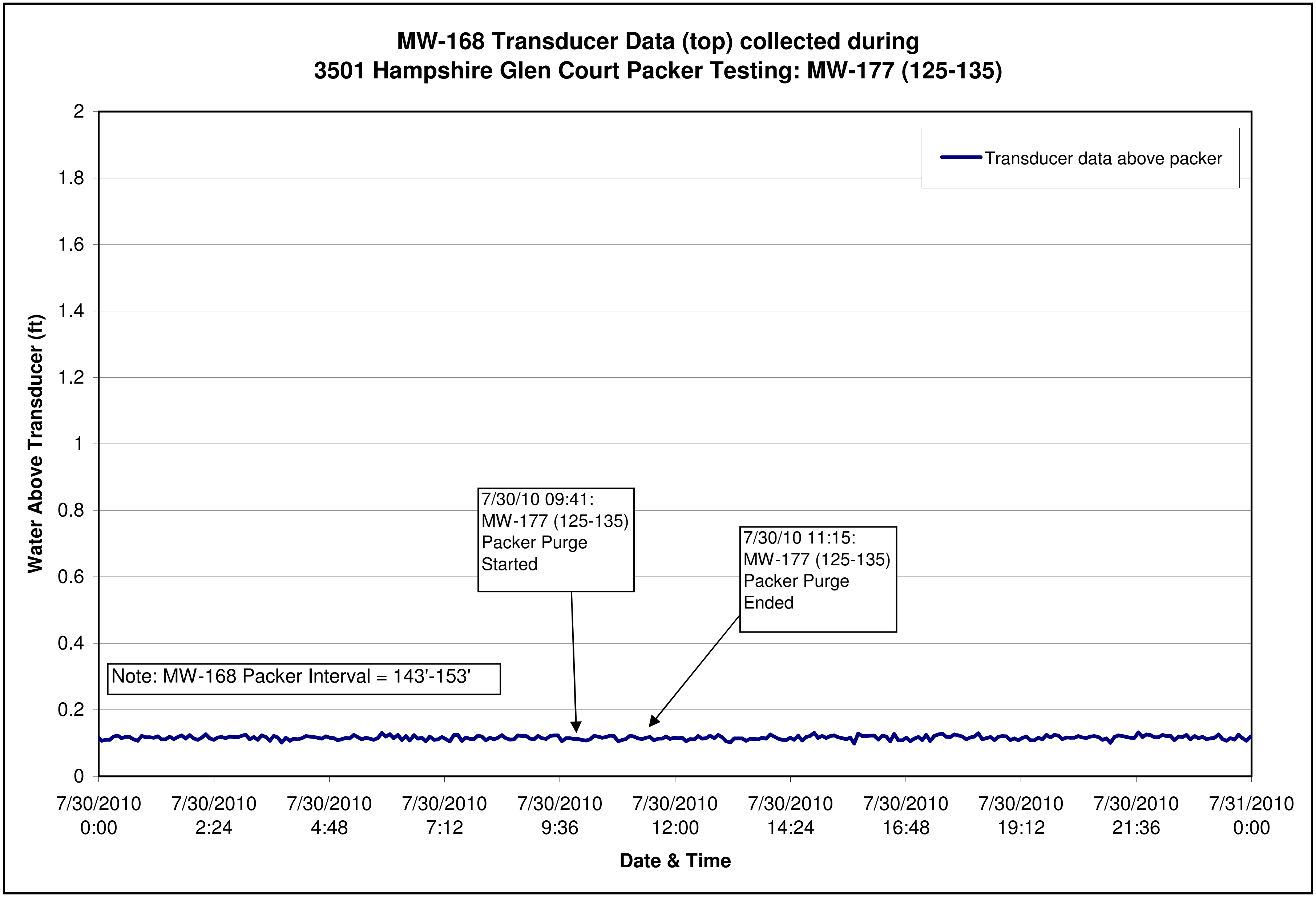
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



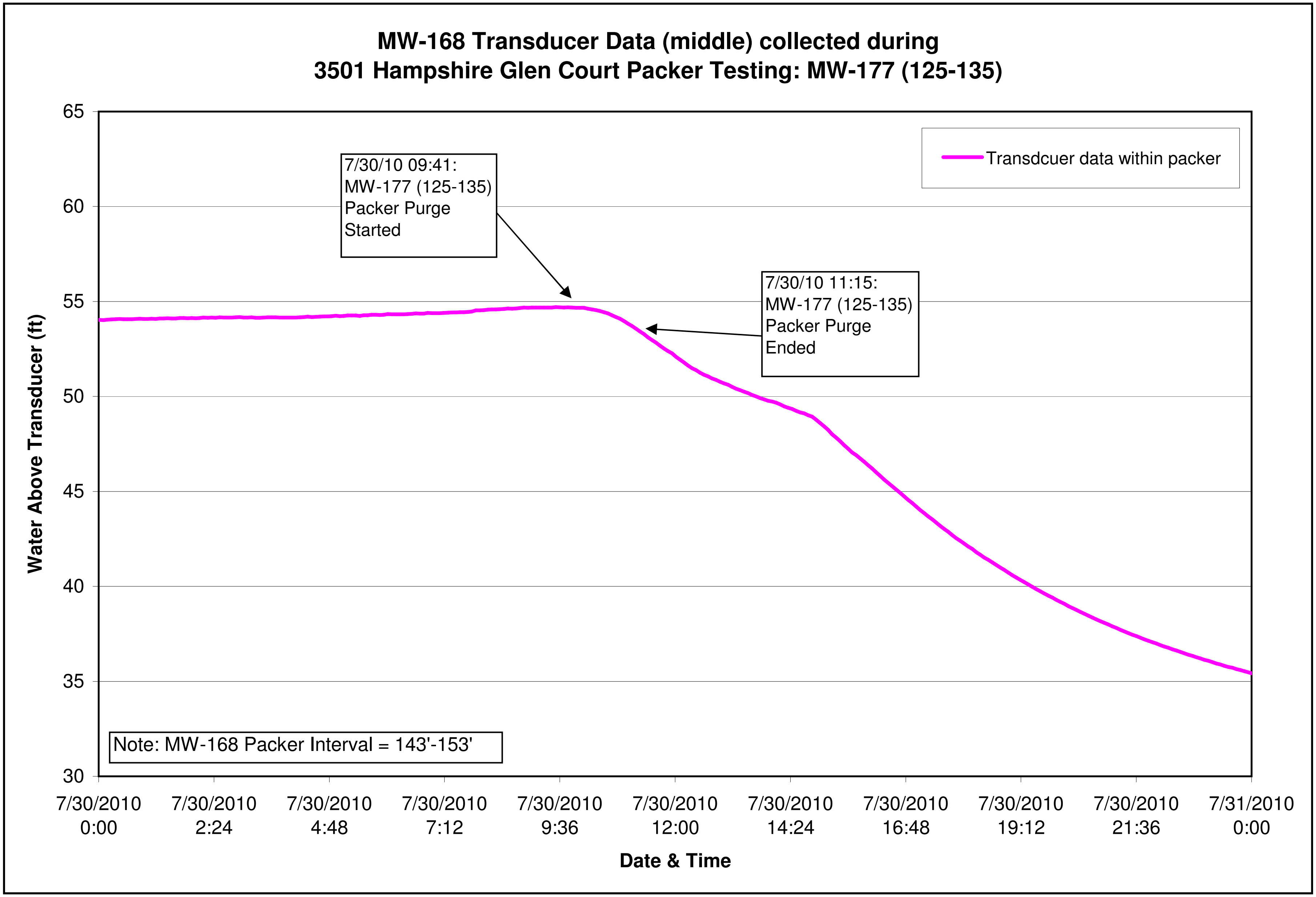
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



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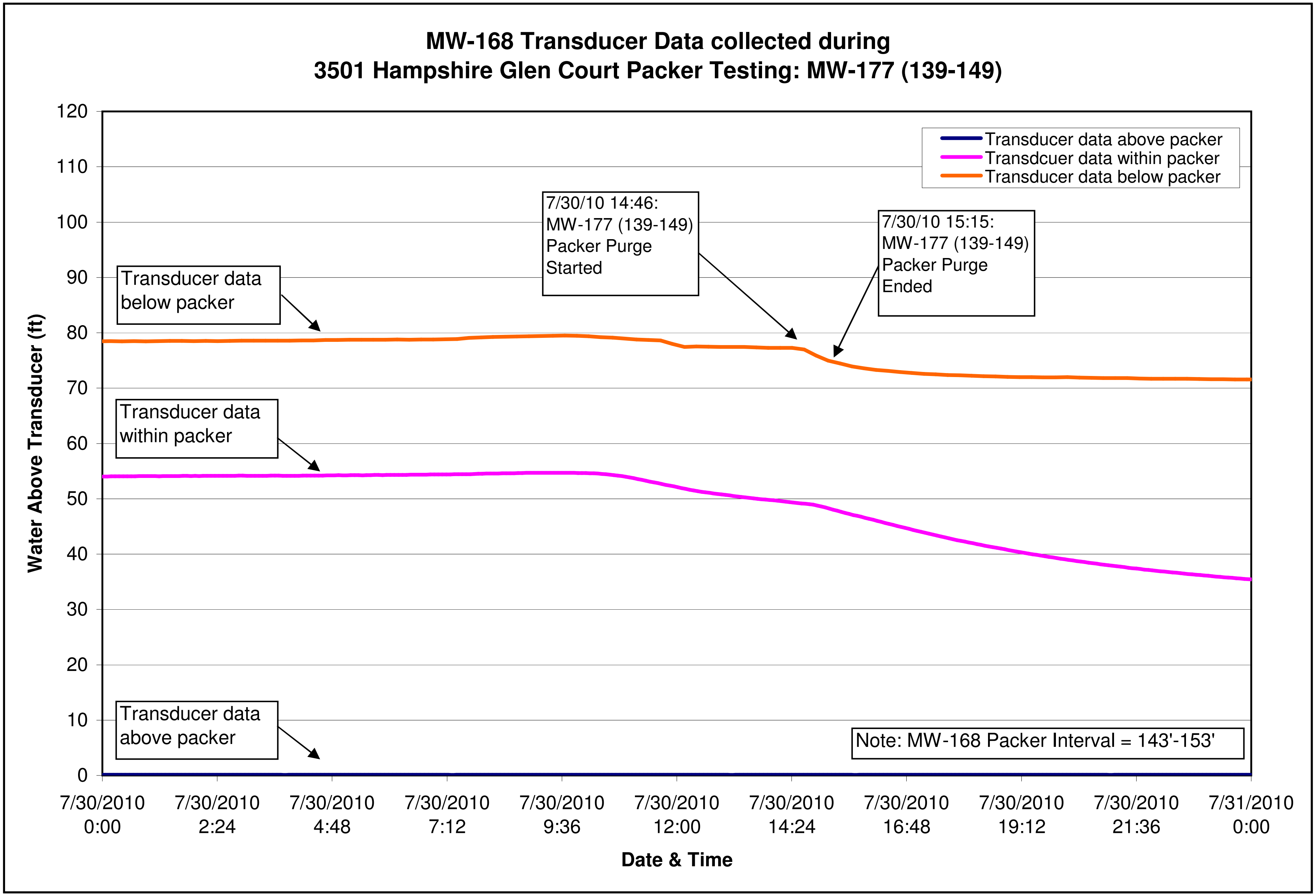
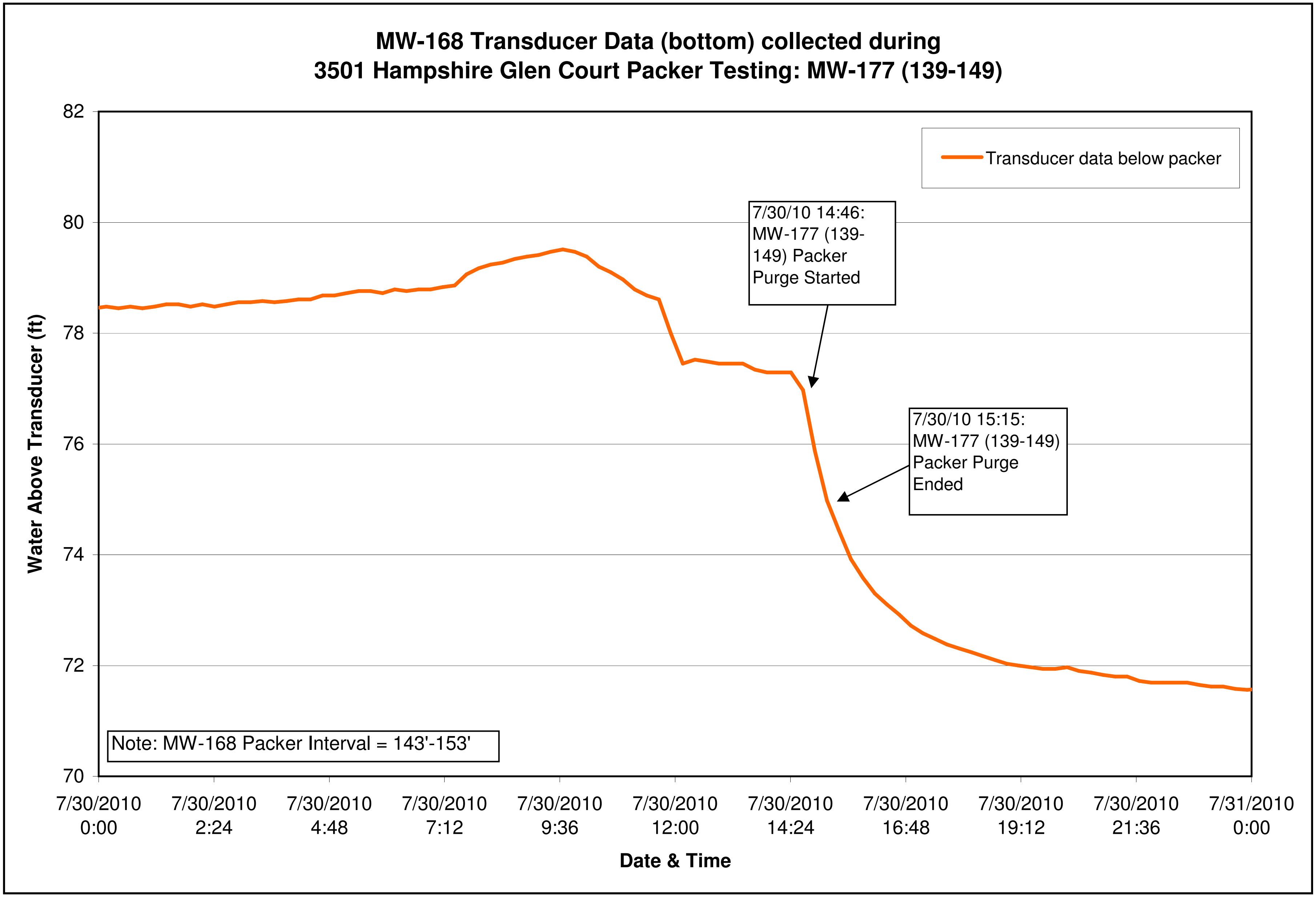
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



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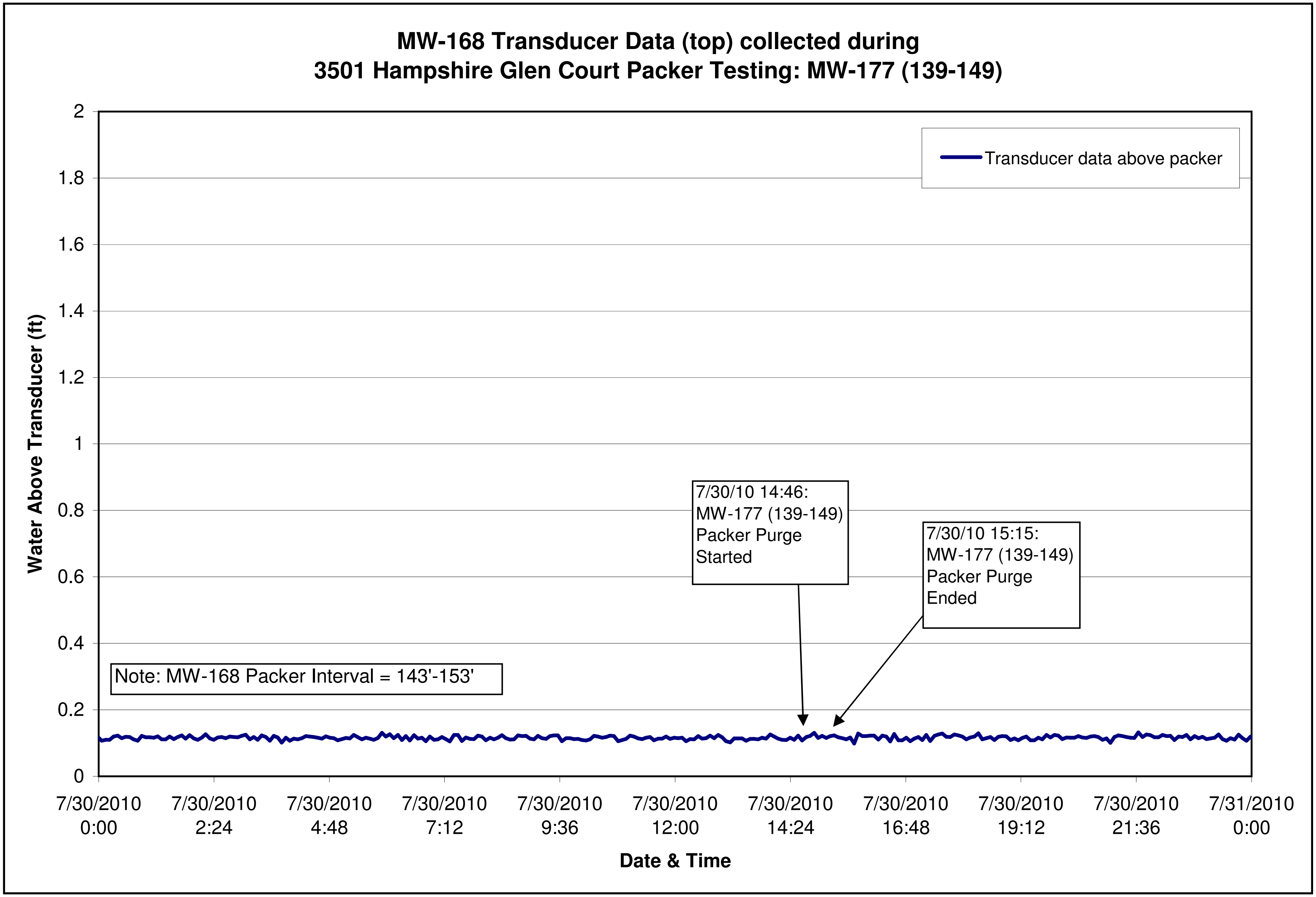
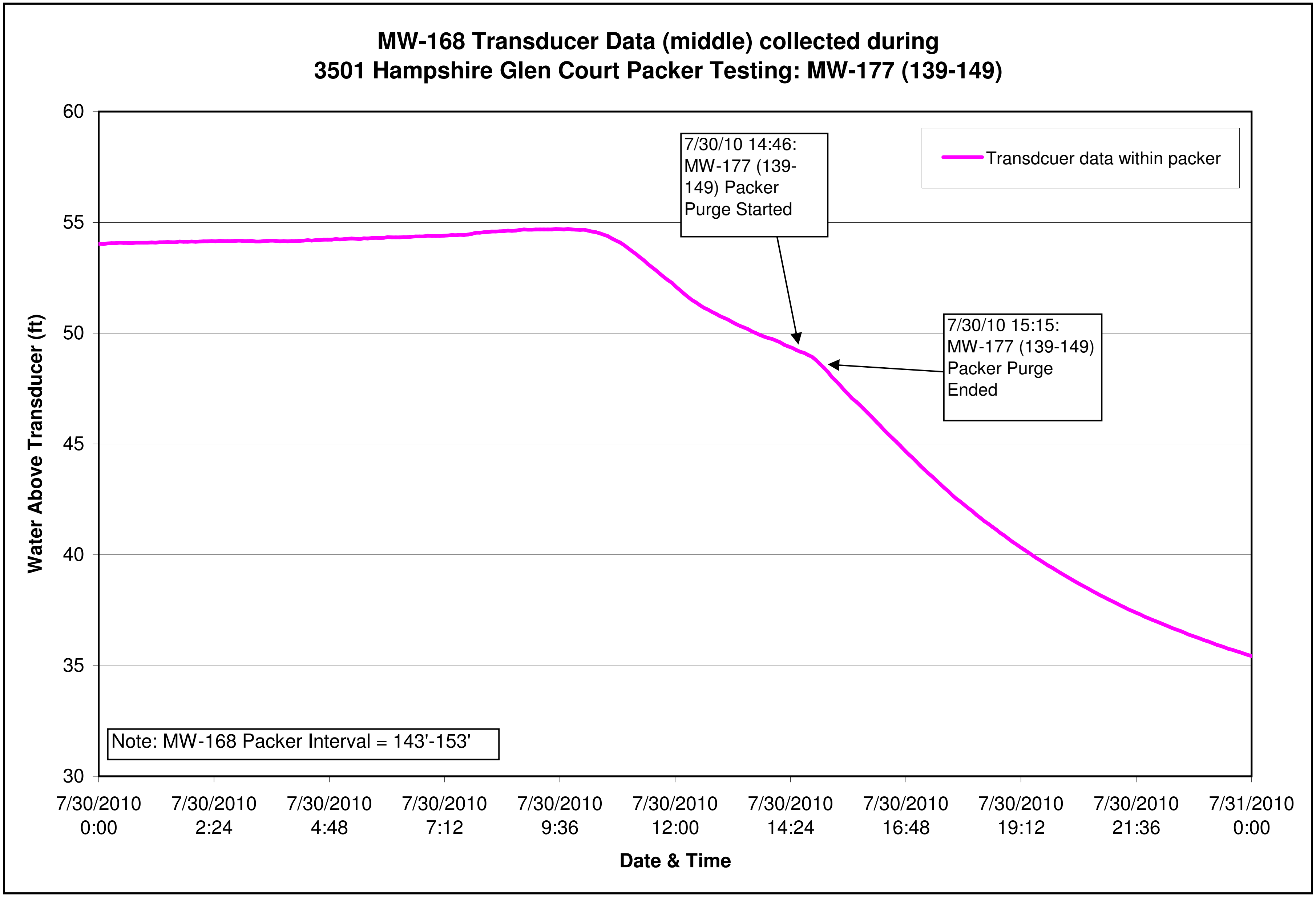
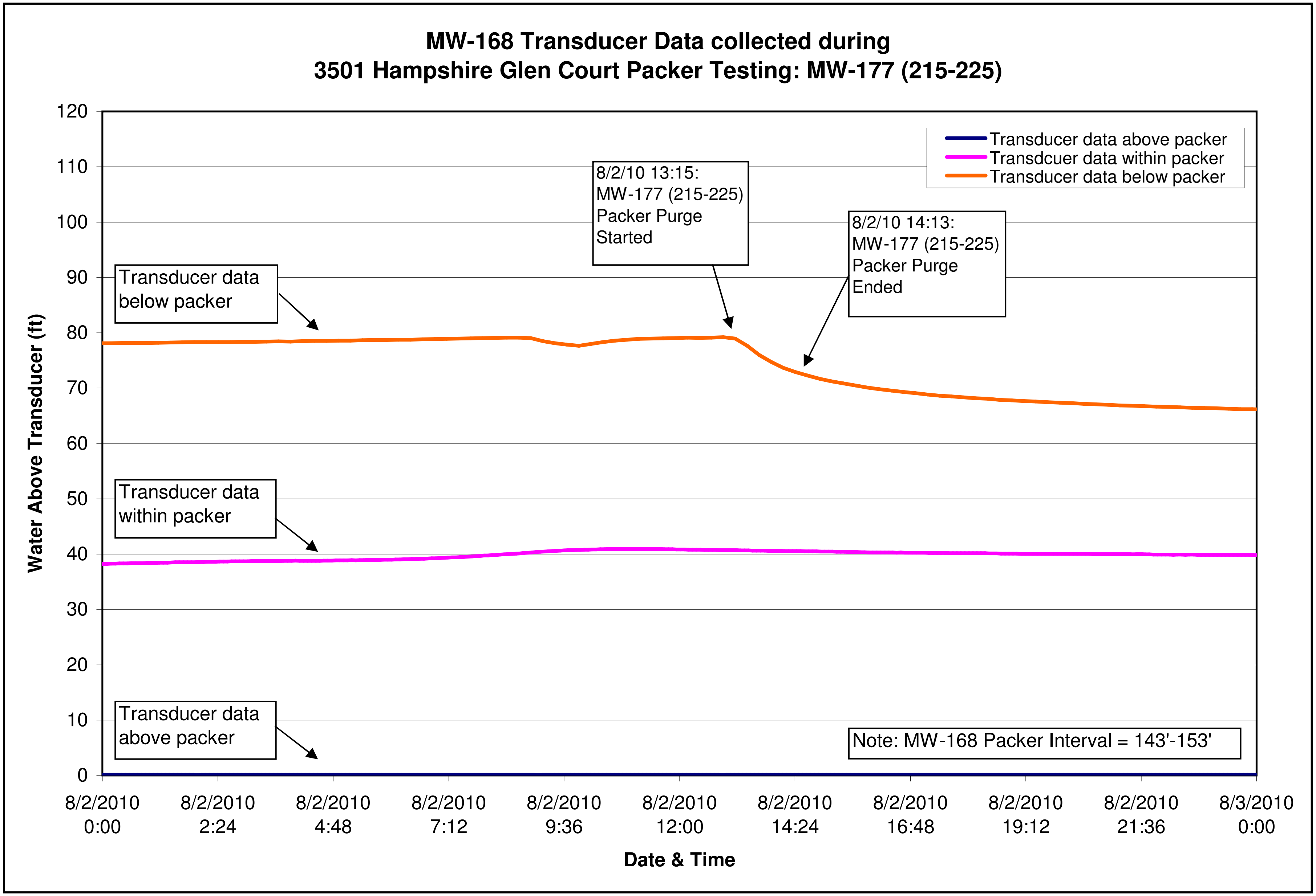
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



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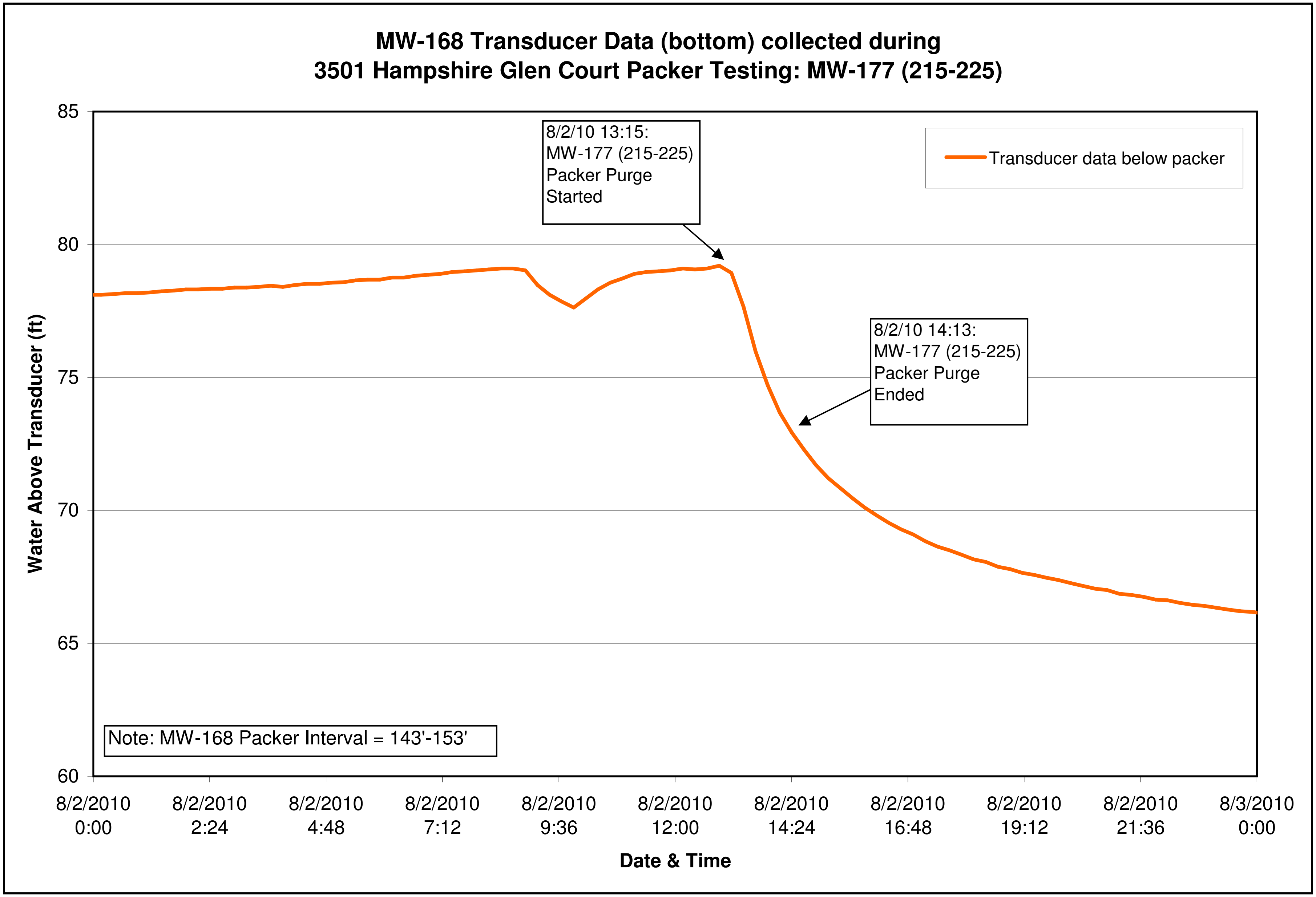
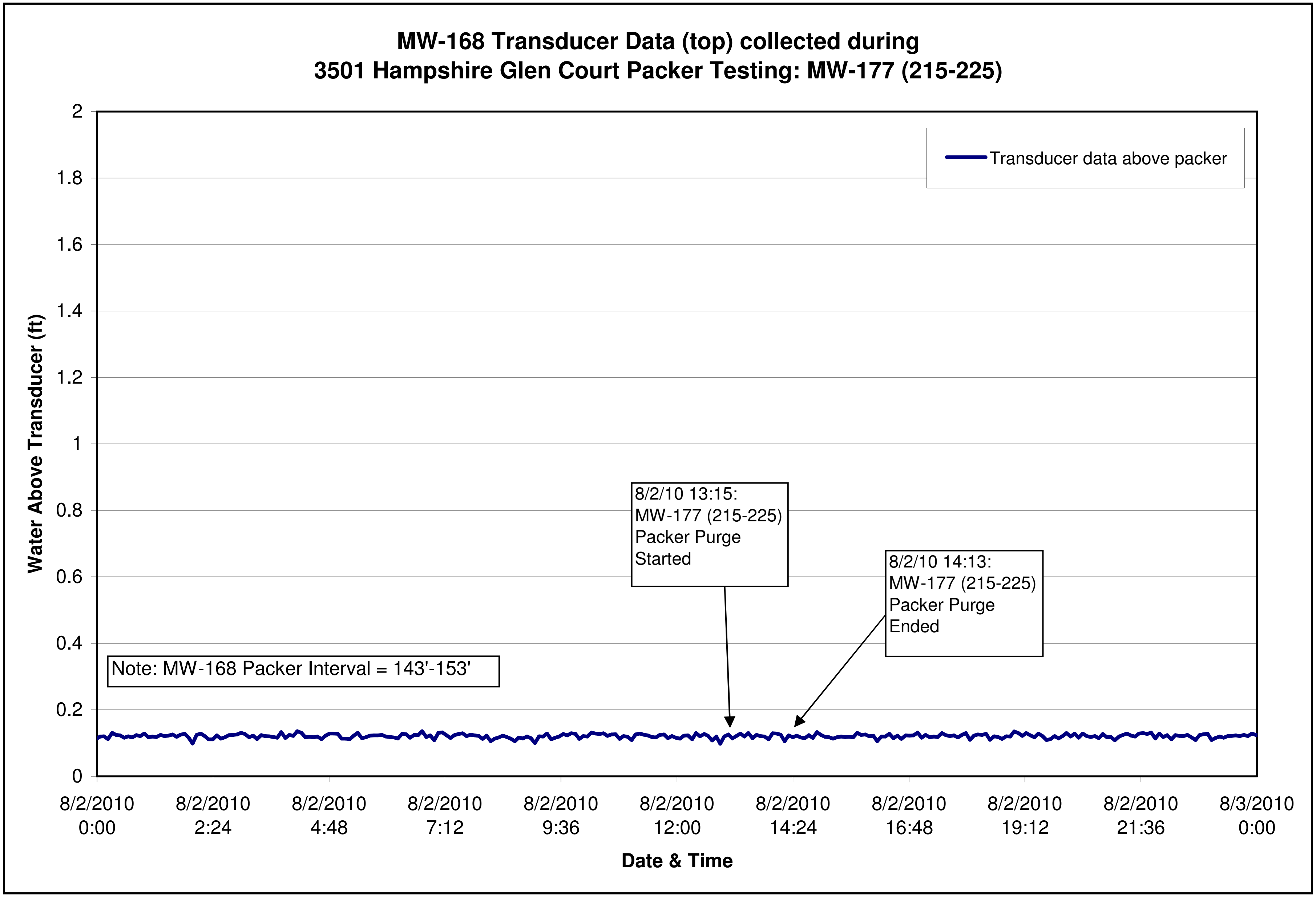
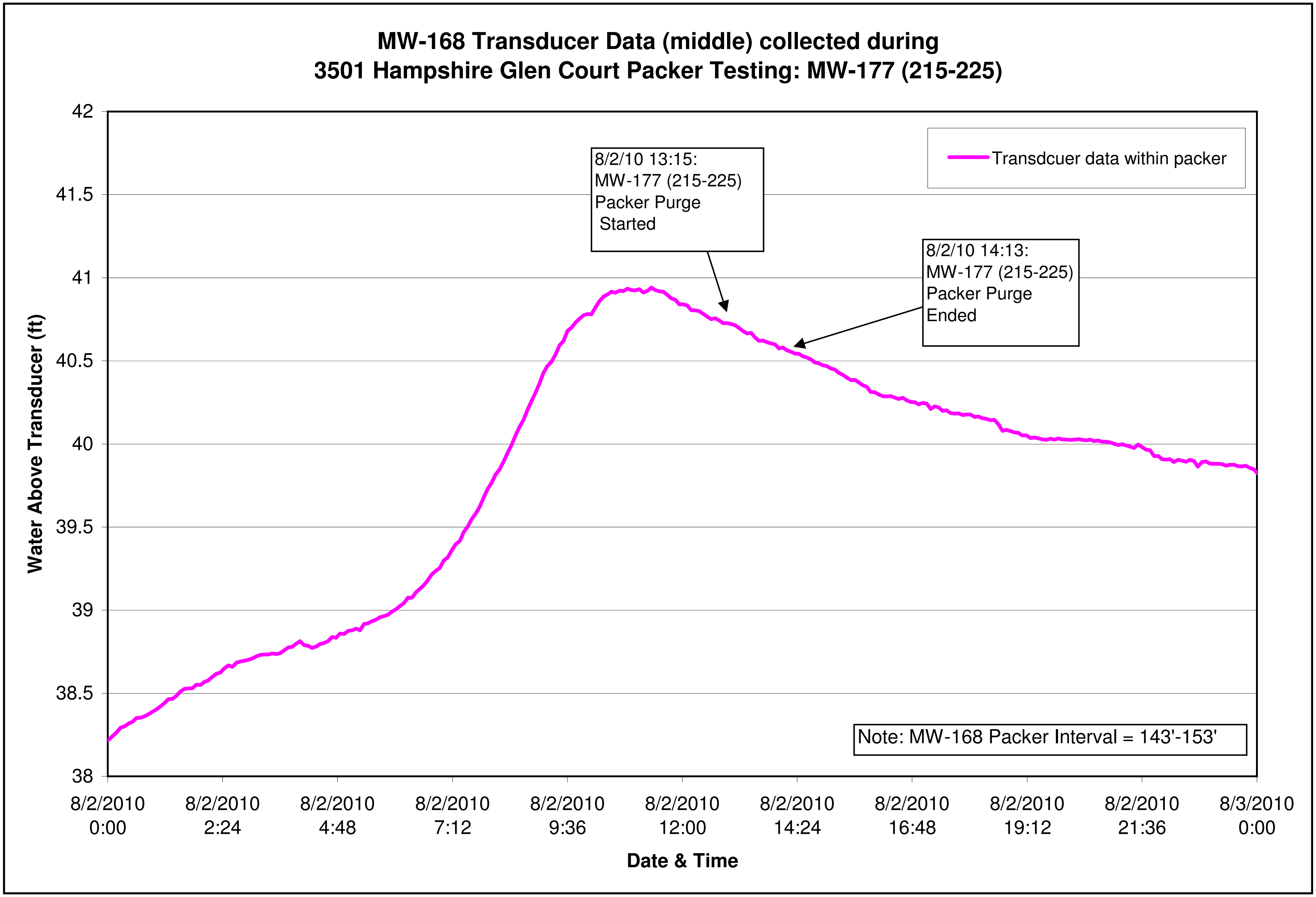
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



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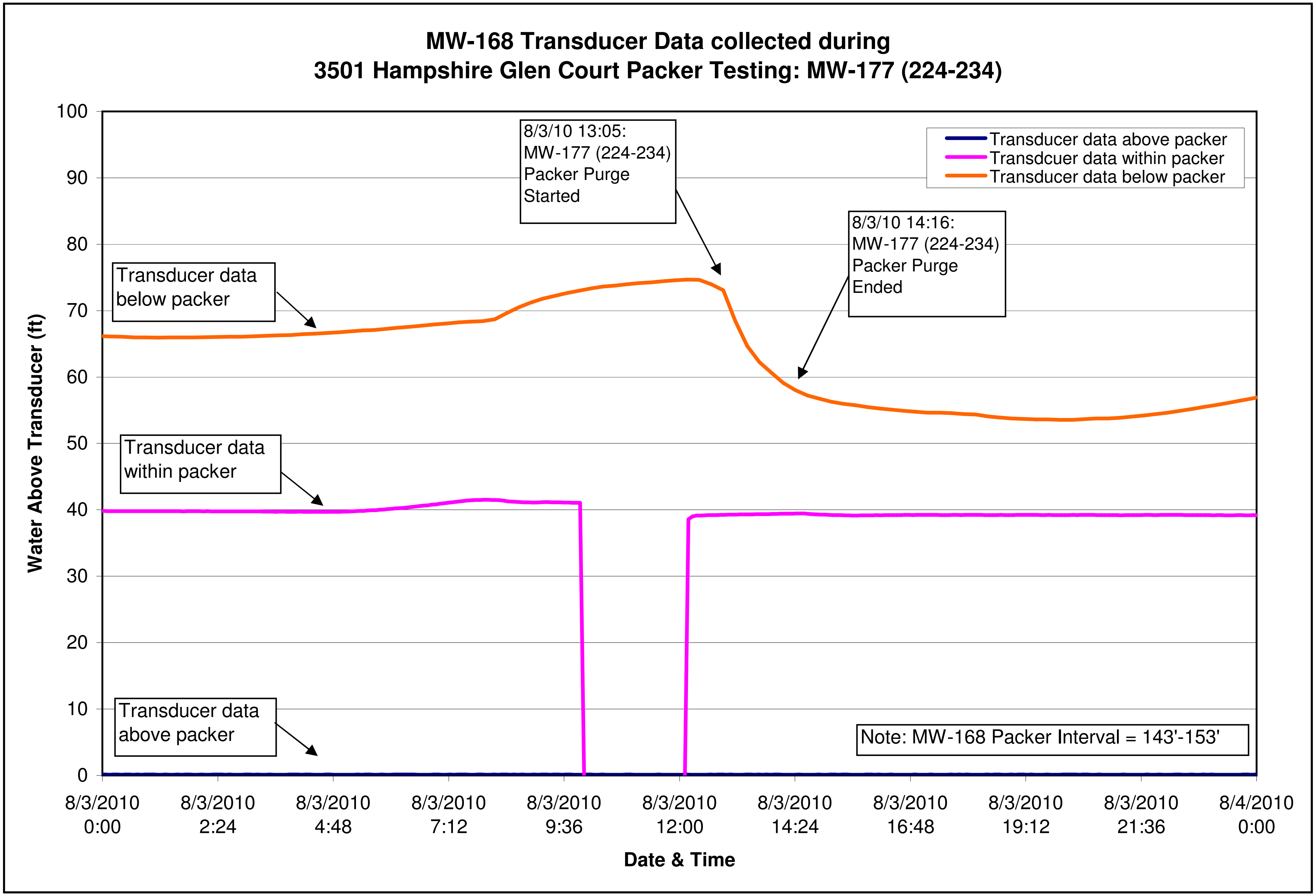
1340 Charwood Road, Suite I
Hanover, Maryland



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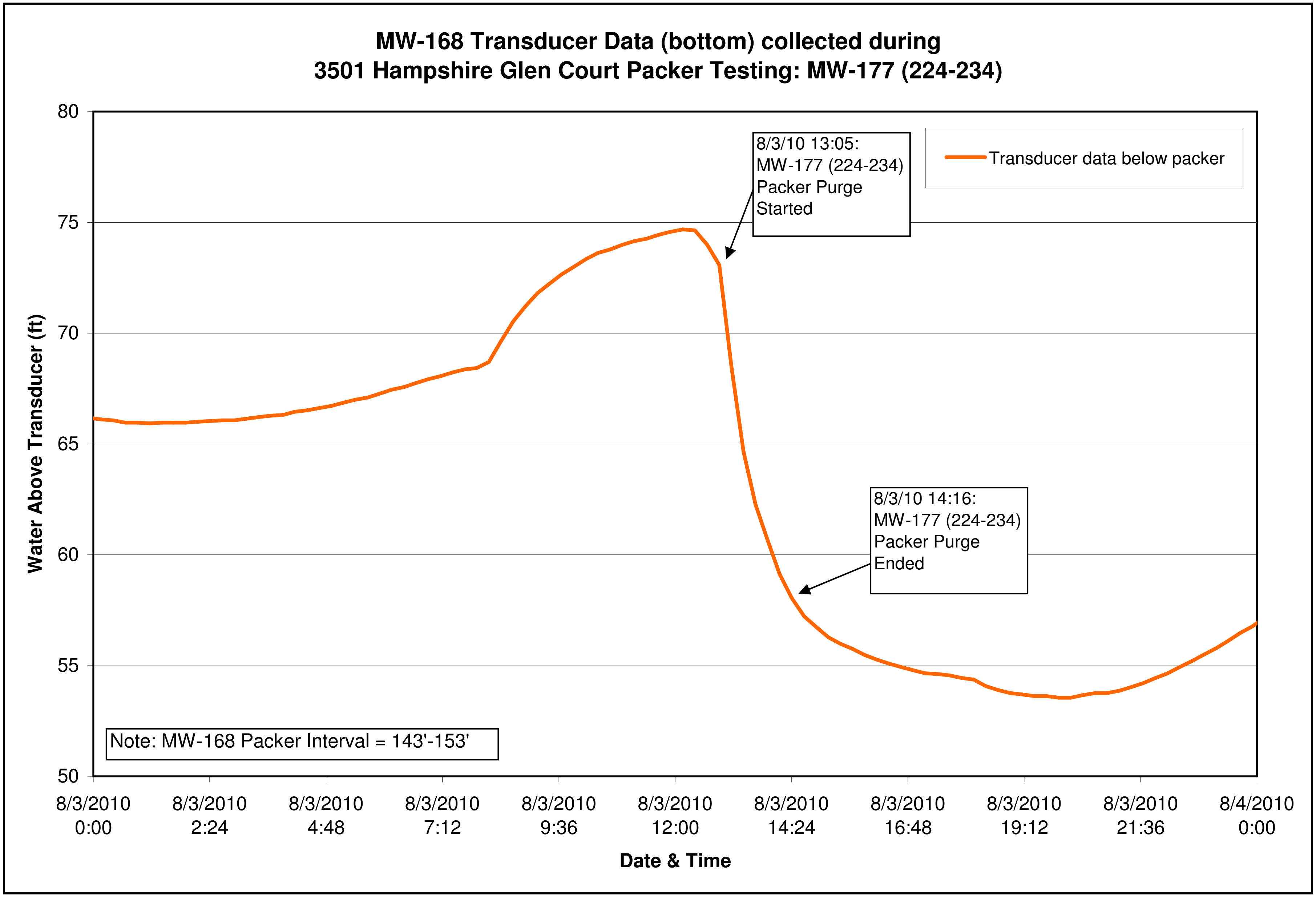
1340 Charwood Road, Suite I
Hanover, Maryland



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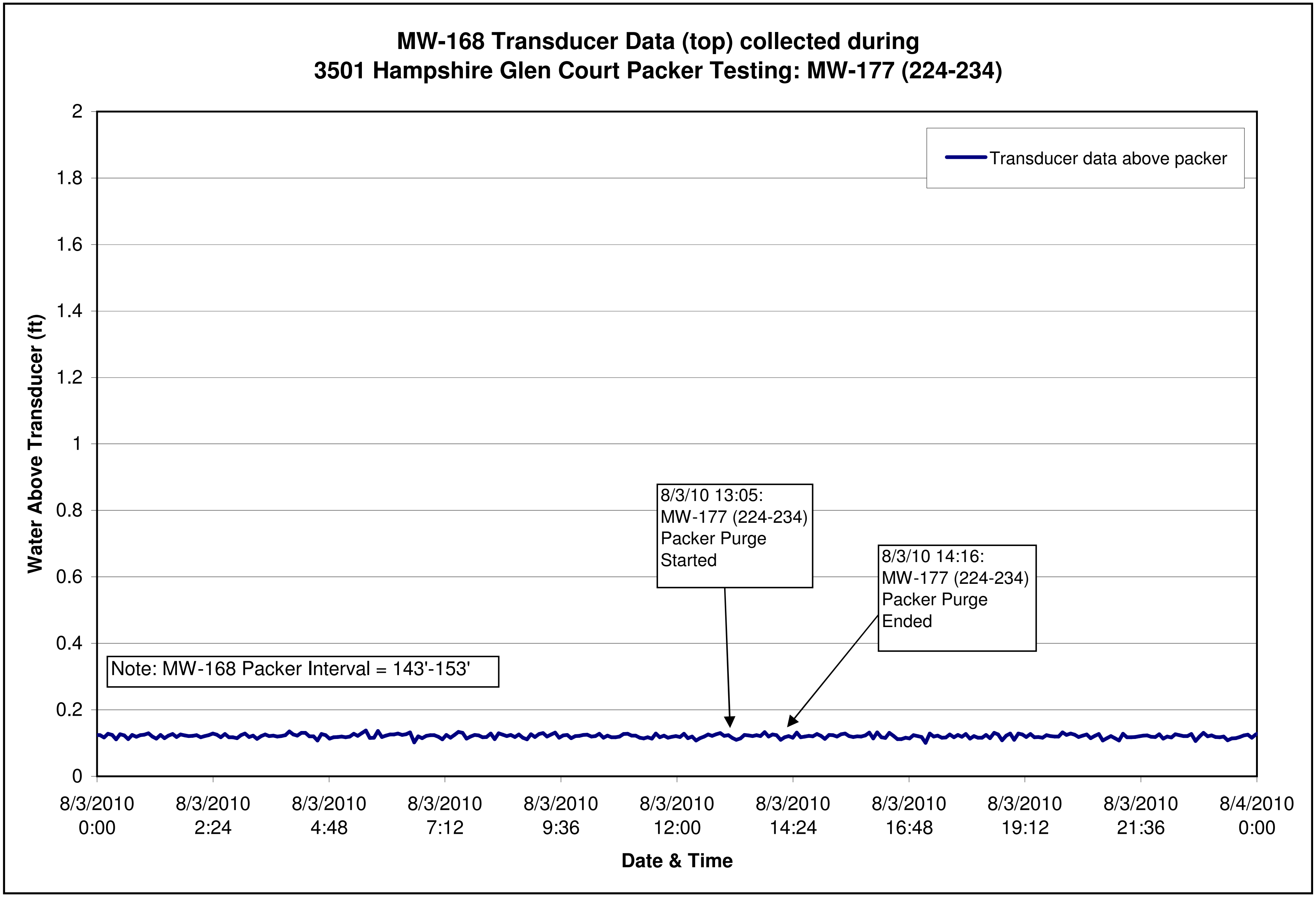
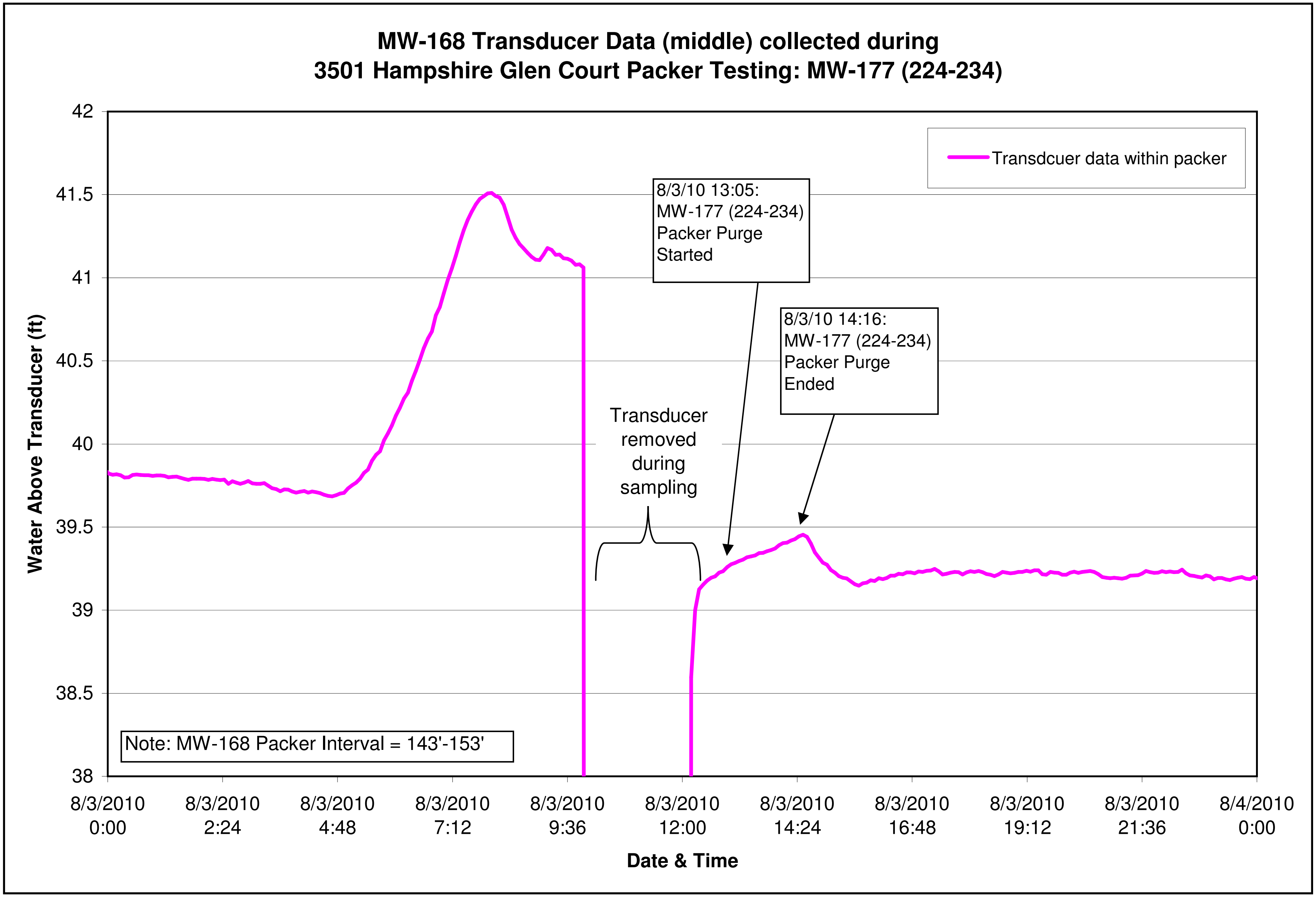
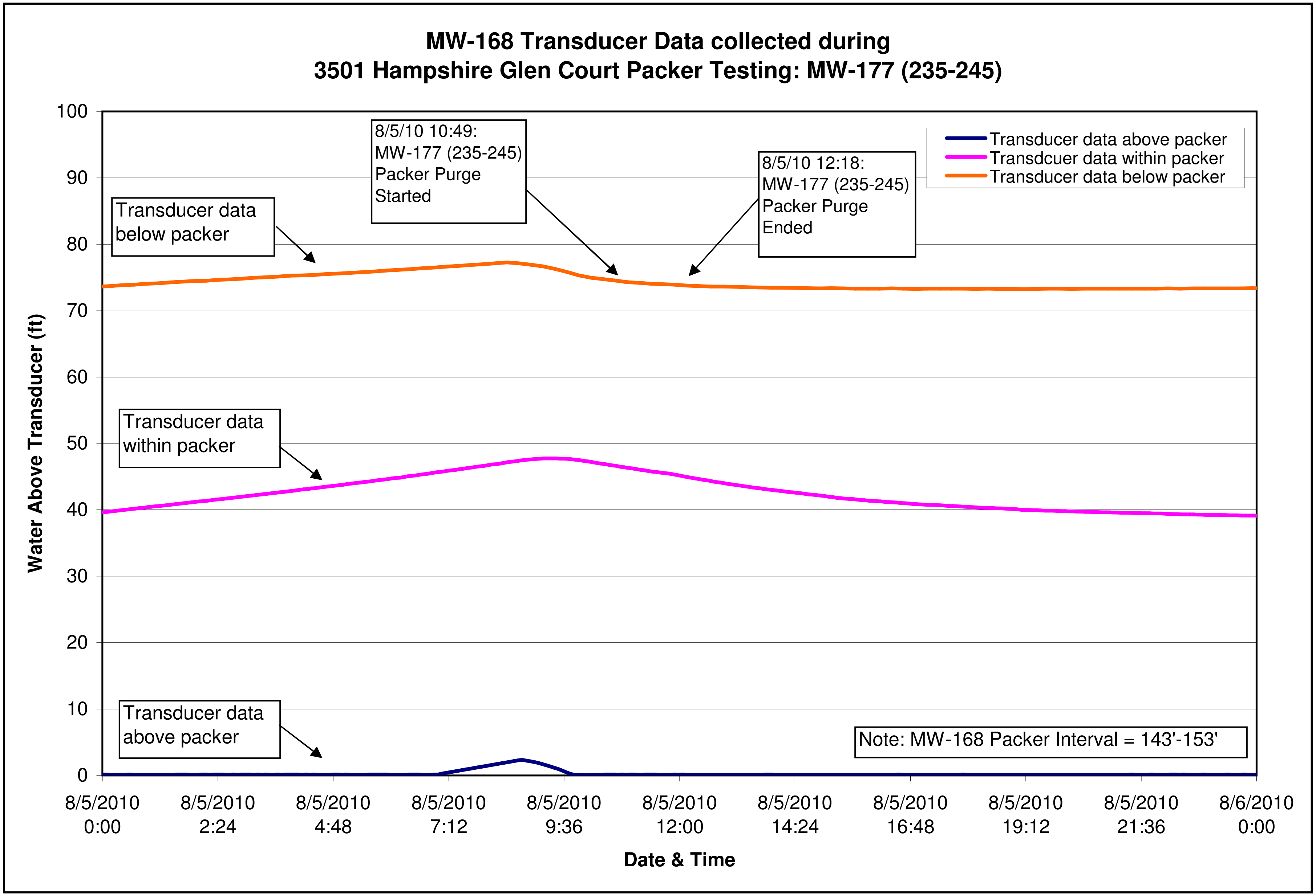
1340 Charwood Road, Suite I
Hanover, Maryland



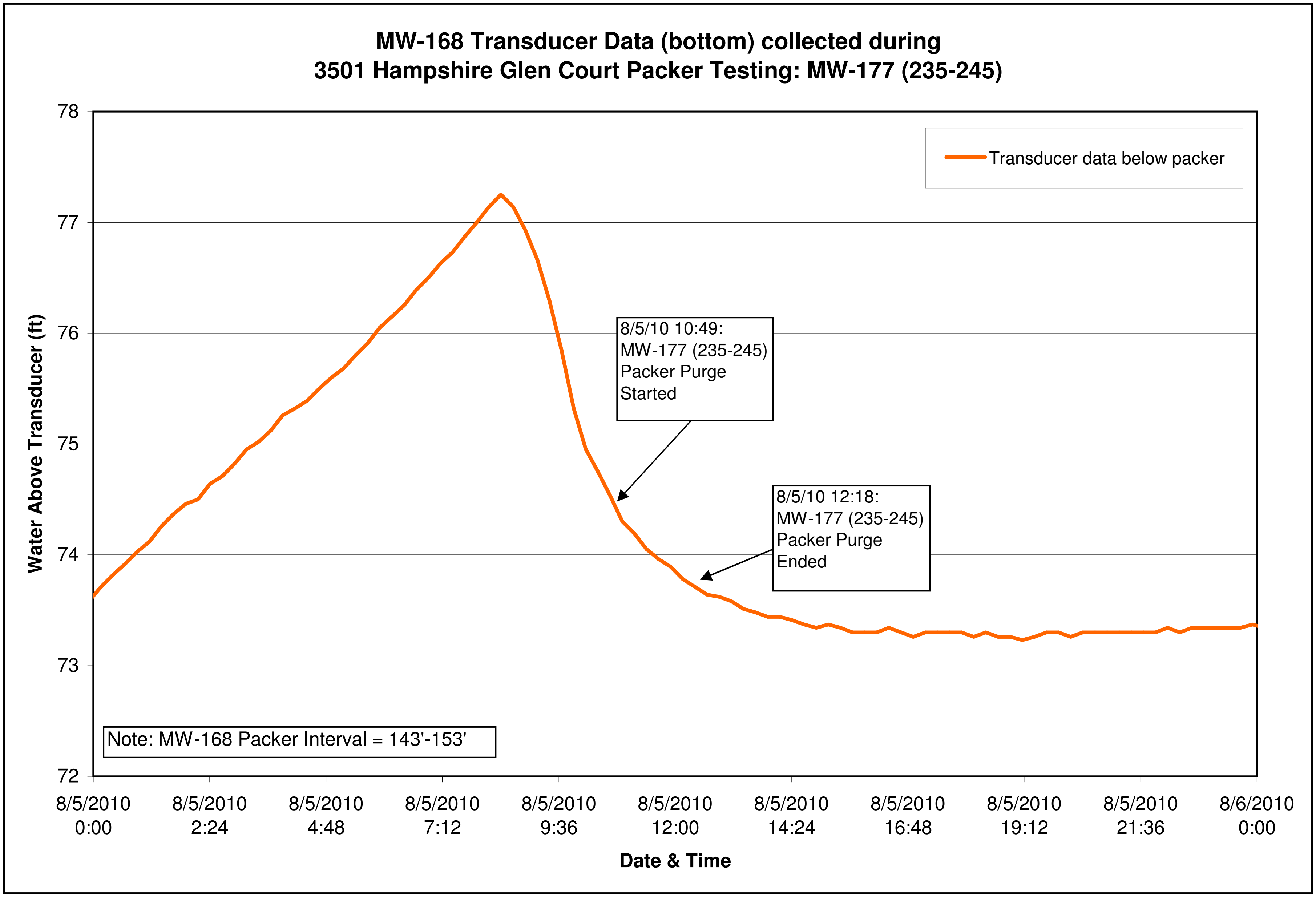
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



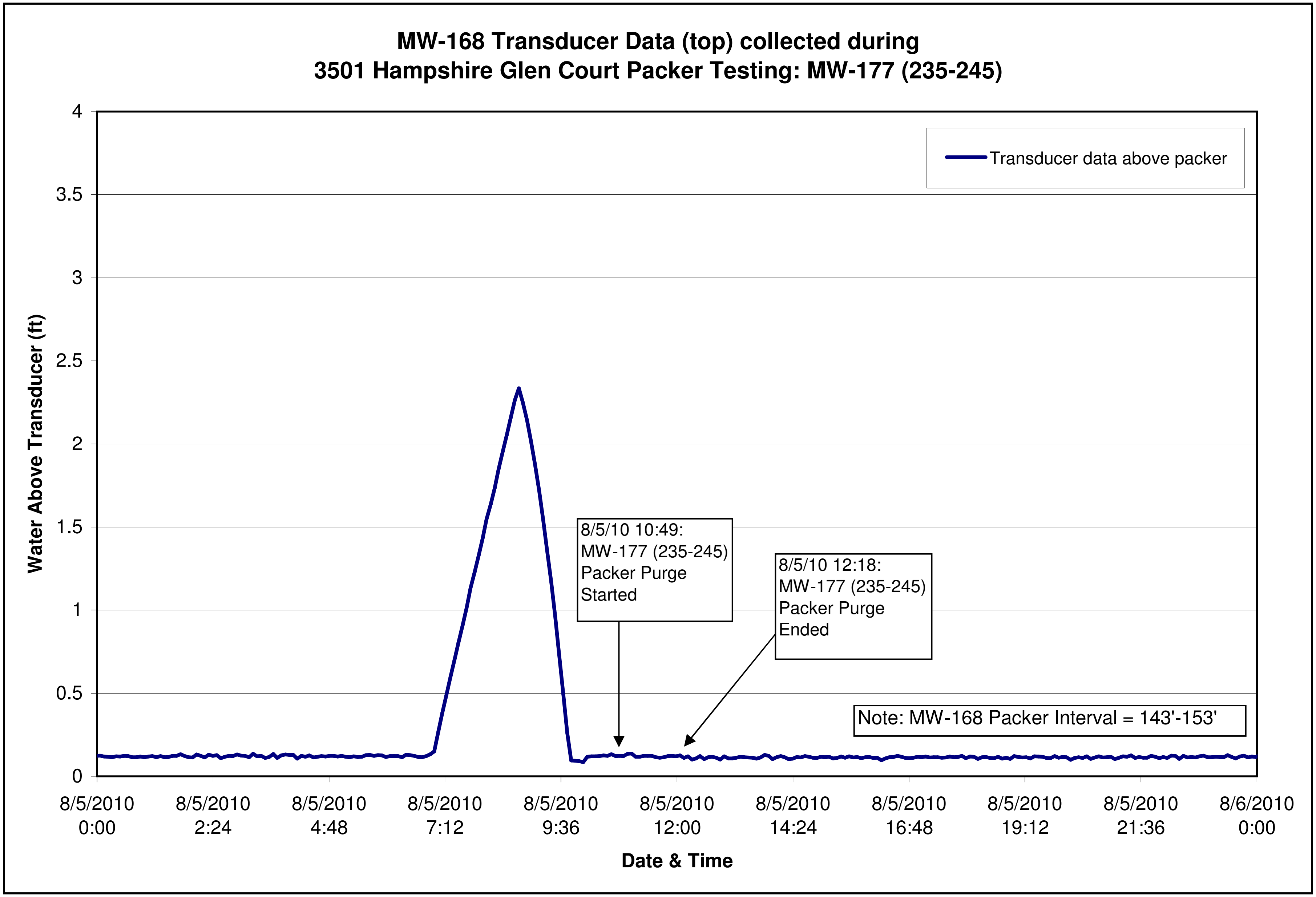
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



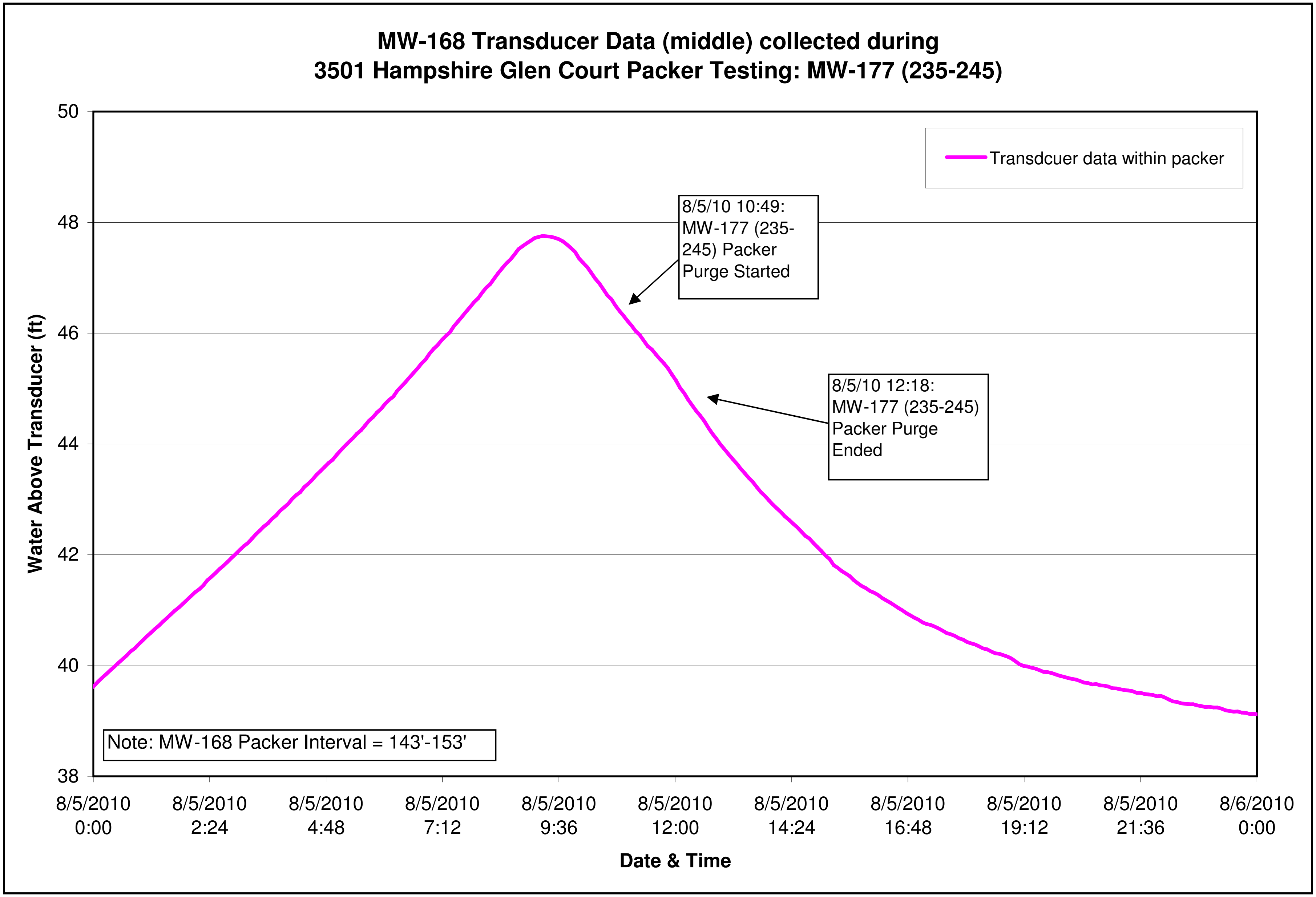
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

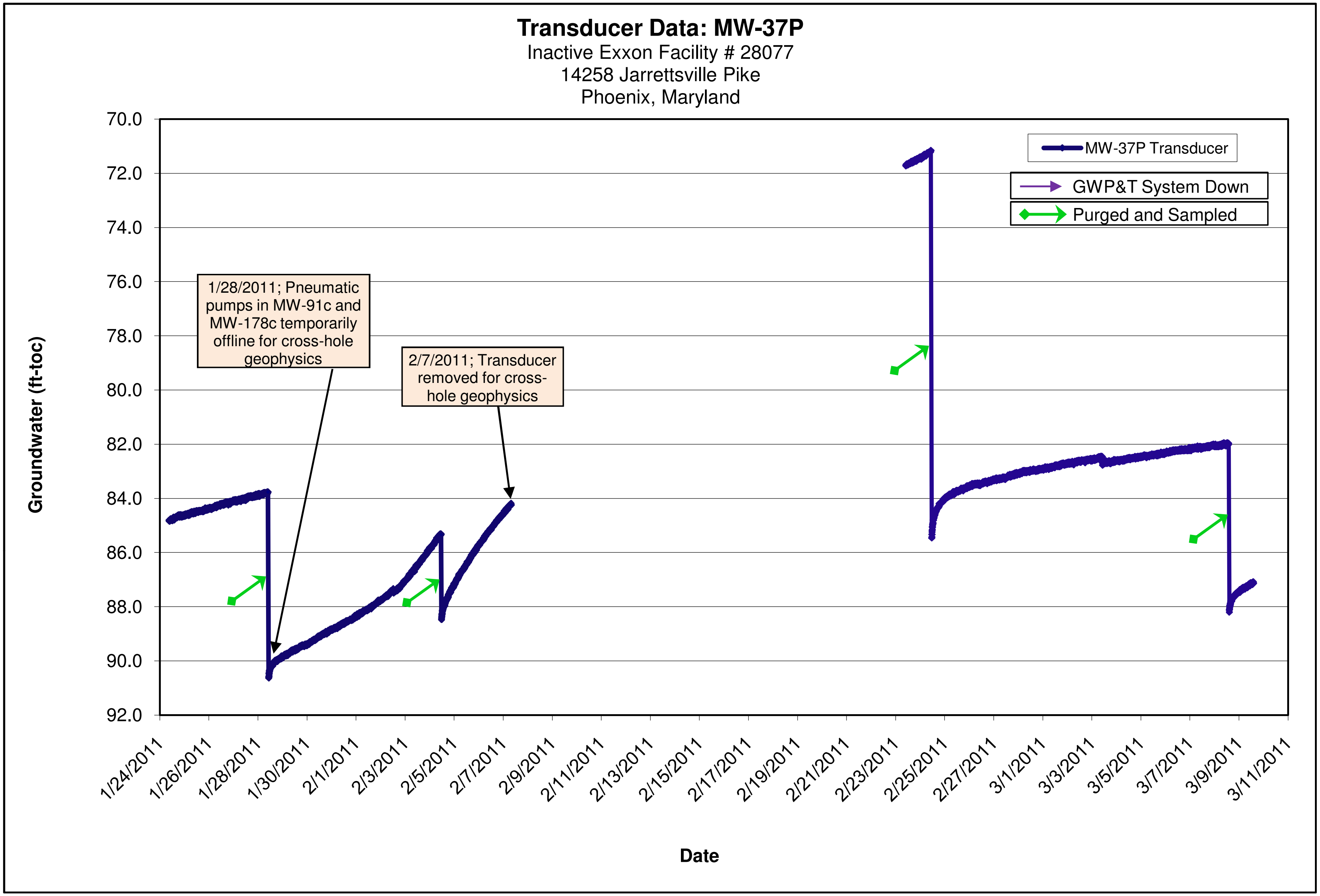


Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



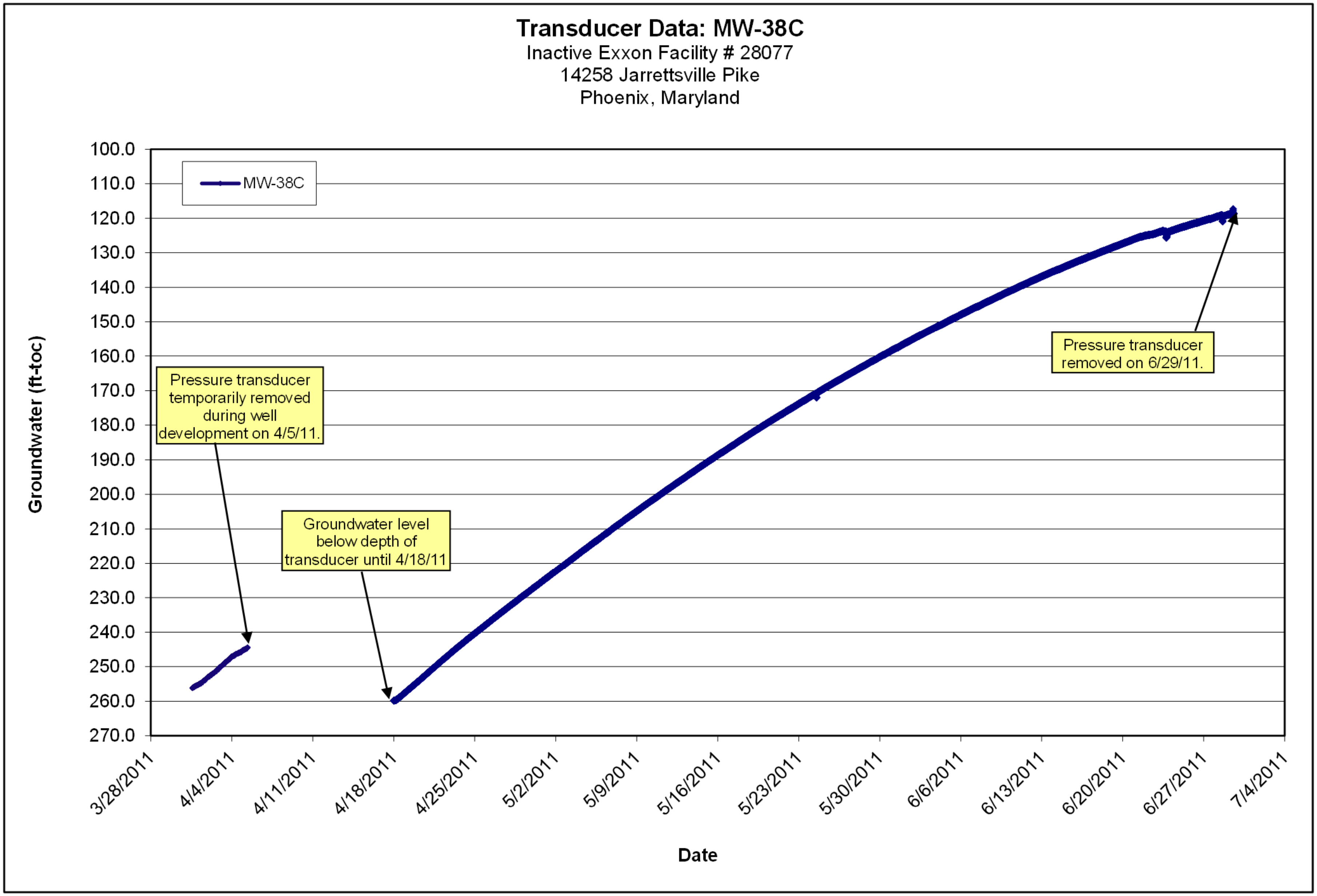
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

APPENDIX M
Near Northeast Area Transducer Data Charts



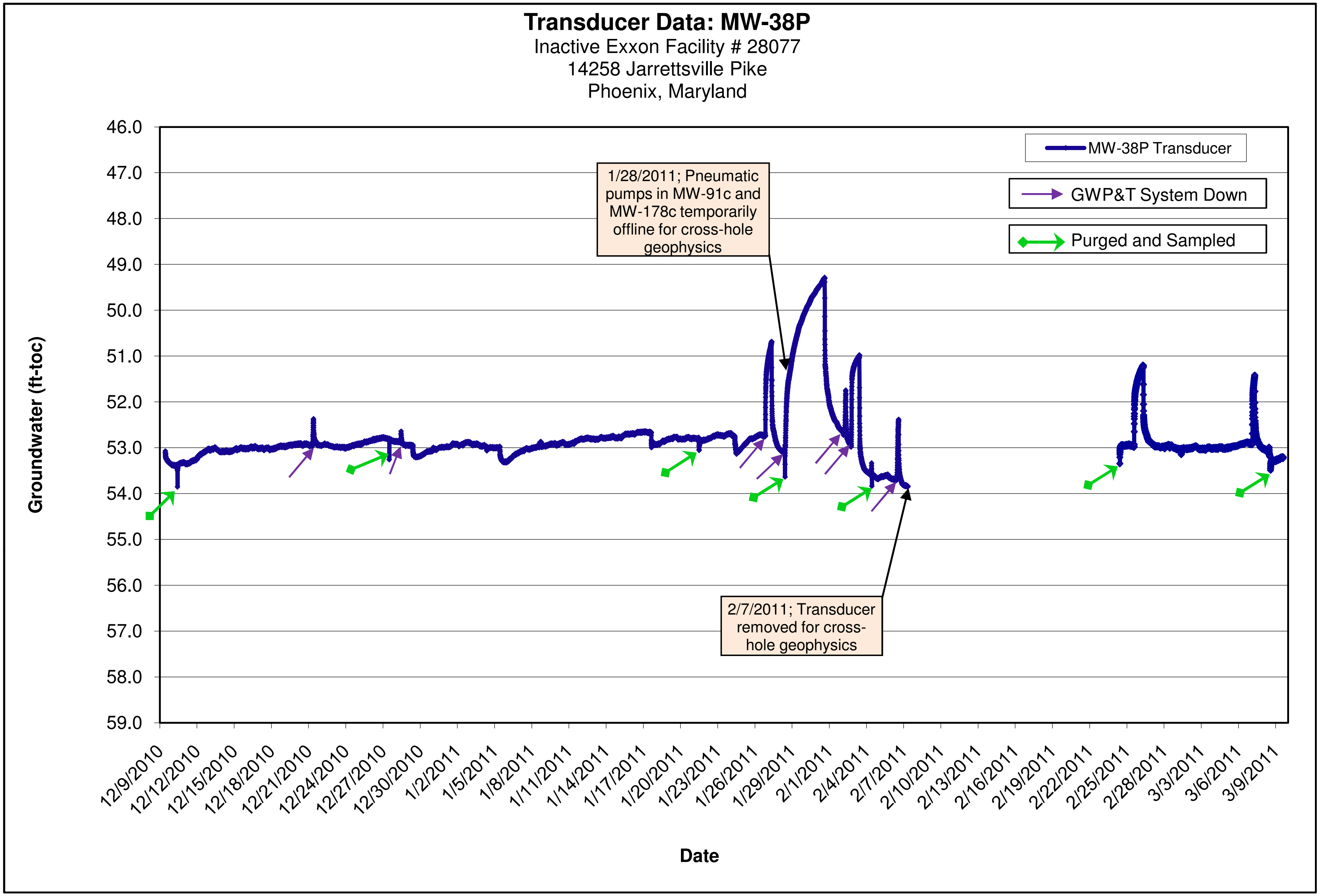
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



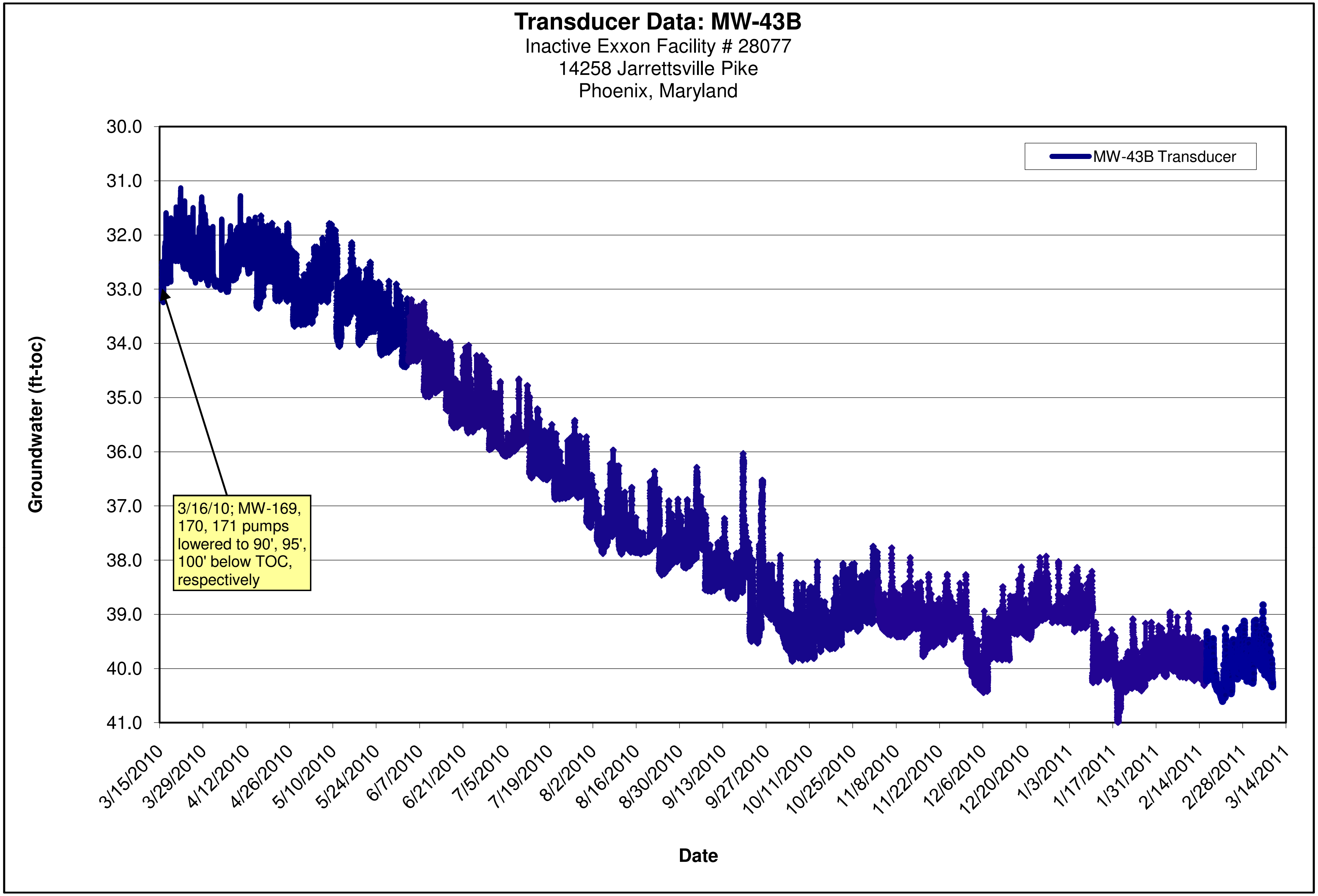
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

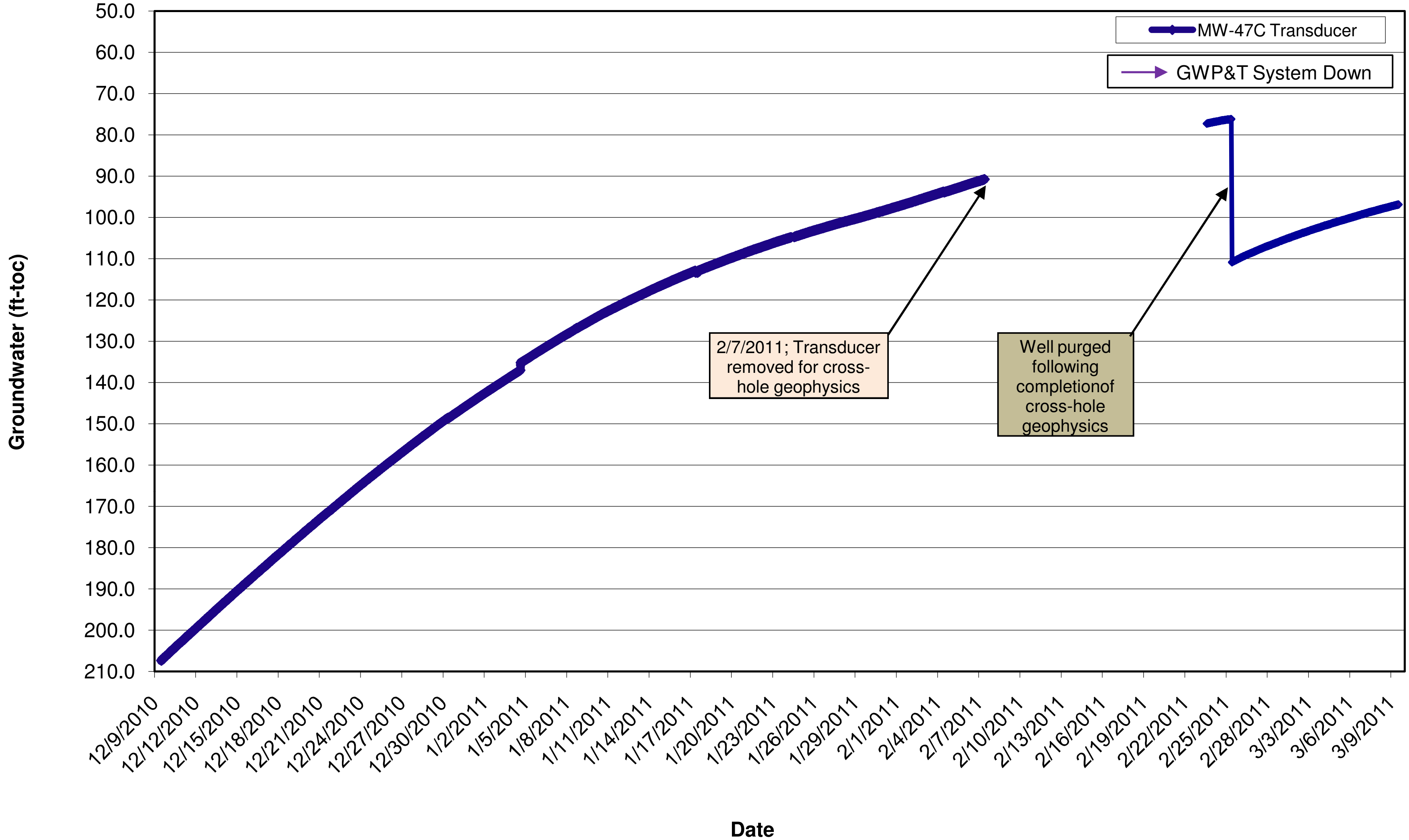


Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

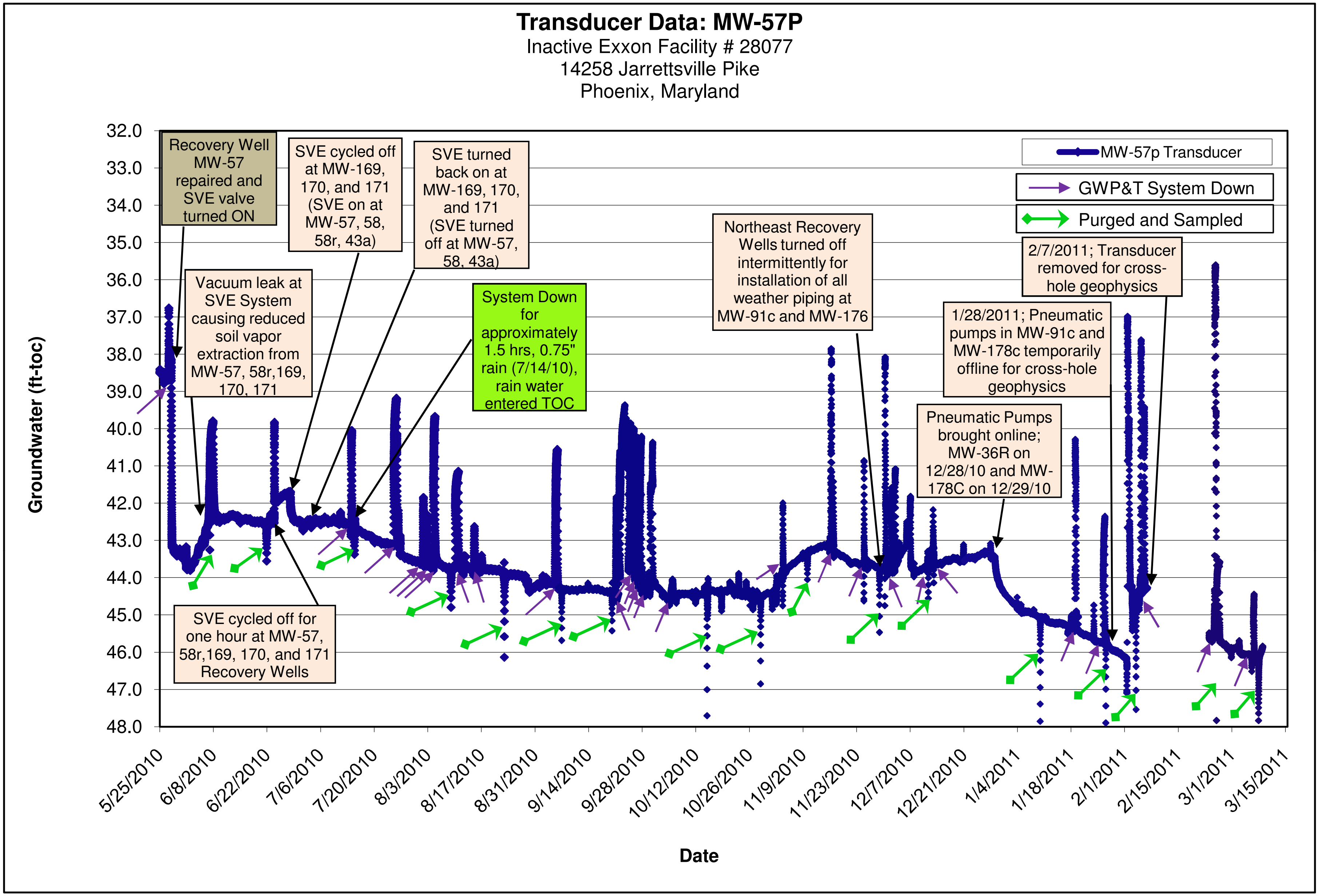
Transducer Data: MW-47C

Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, Maryland



Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

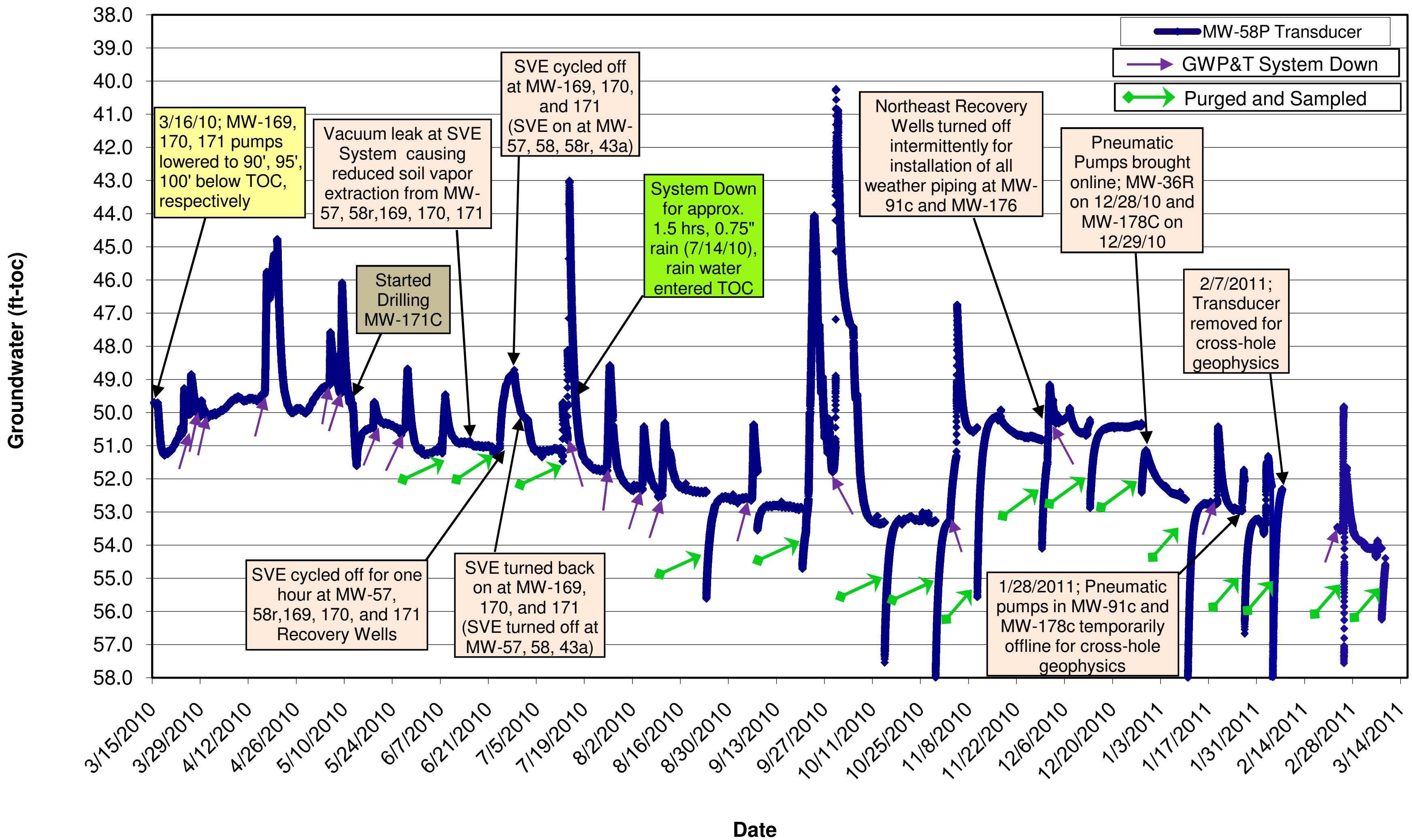


Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

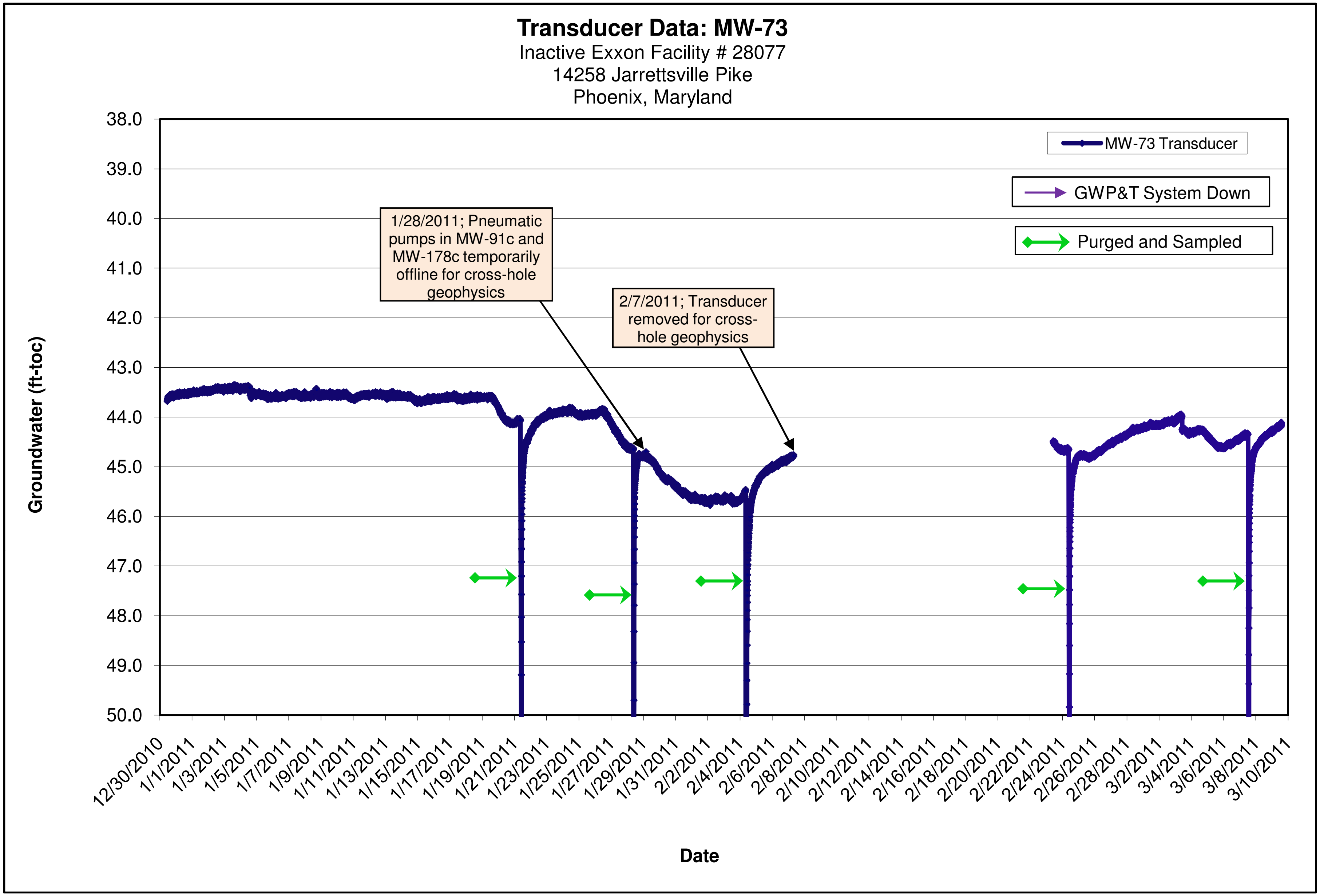
Transducer Data: MW-58P

Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, Maryland



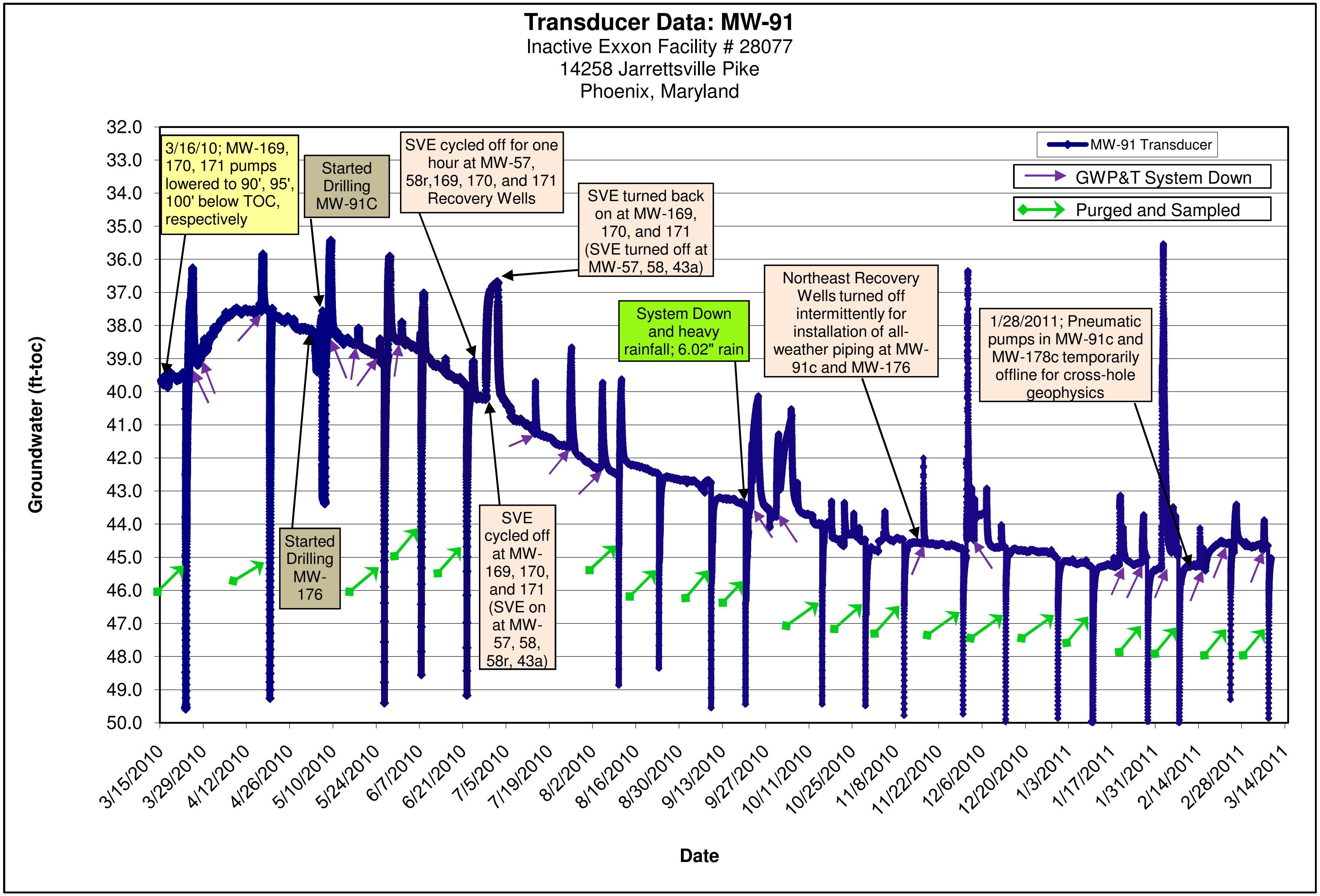
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



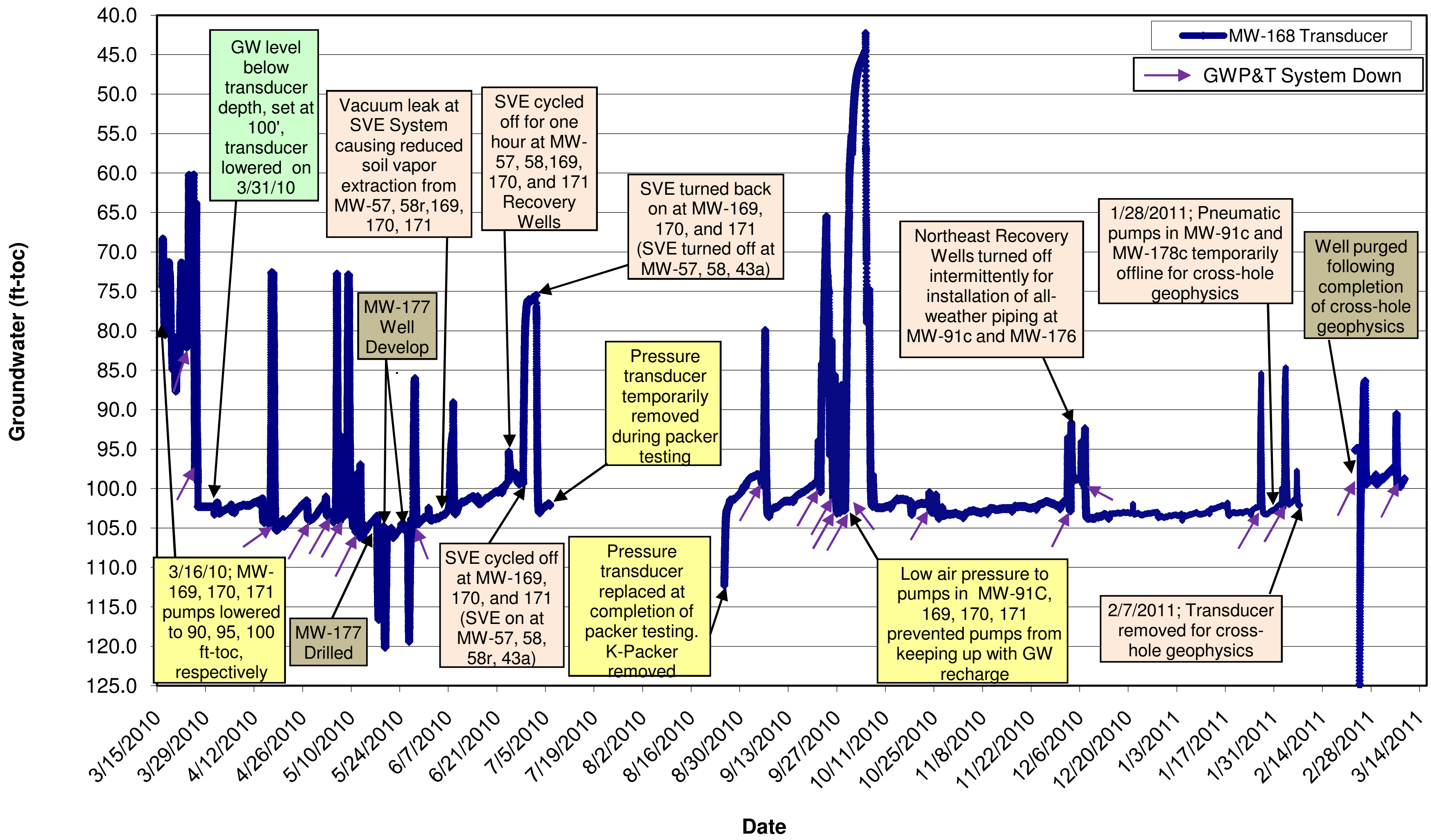
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

KLEINFELDER
Bright People. Right Solutions.

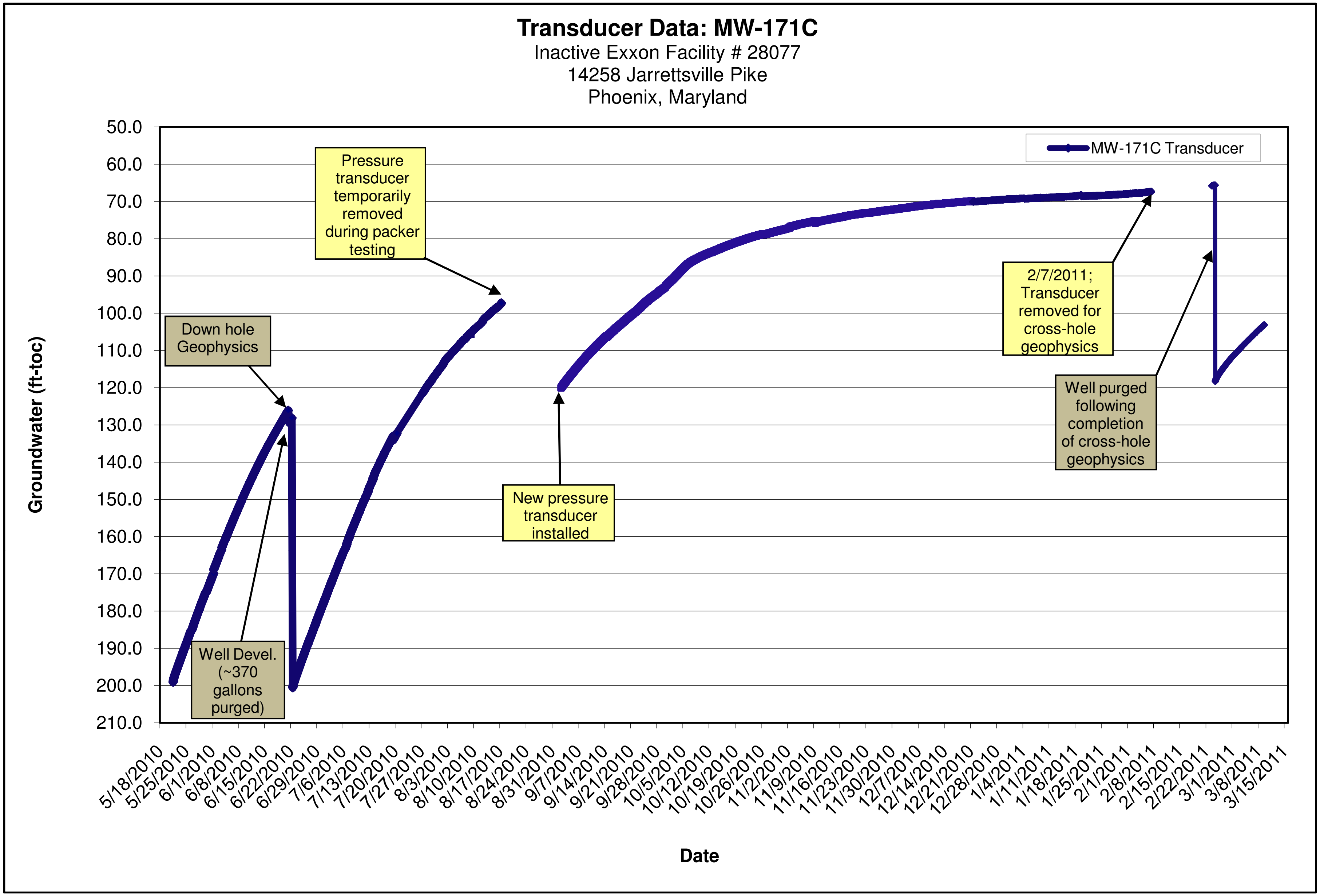
Transducer Data: MW-168

Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, Maryland



Notes:
ft-toc = feet below top of casing

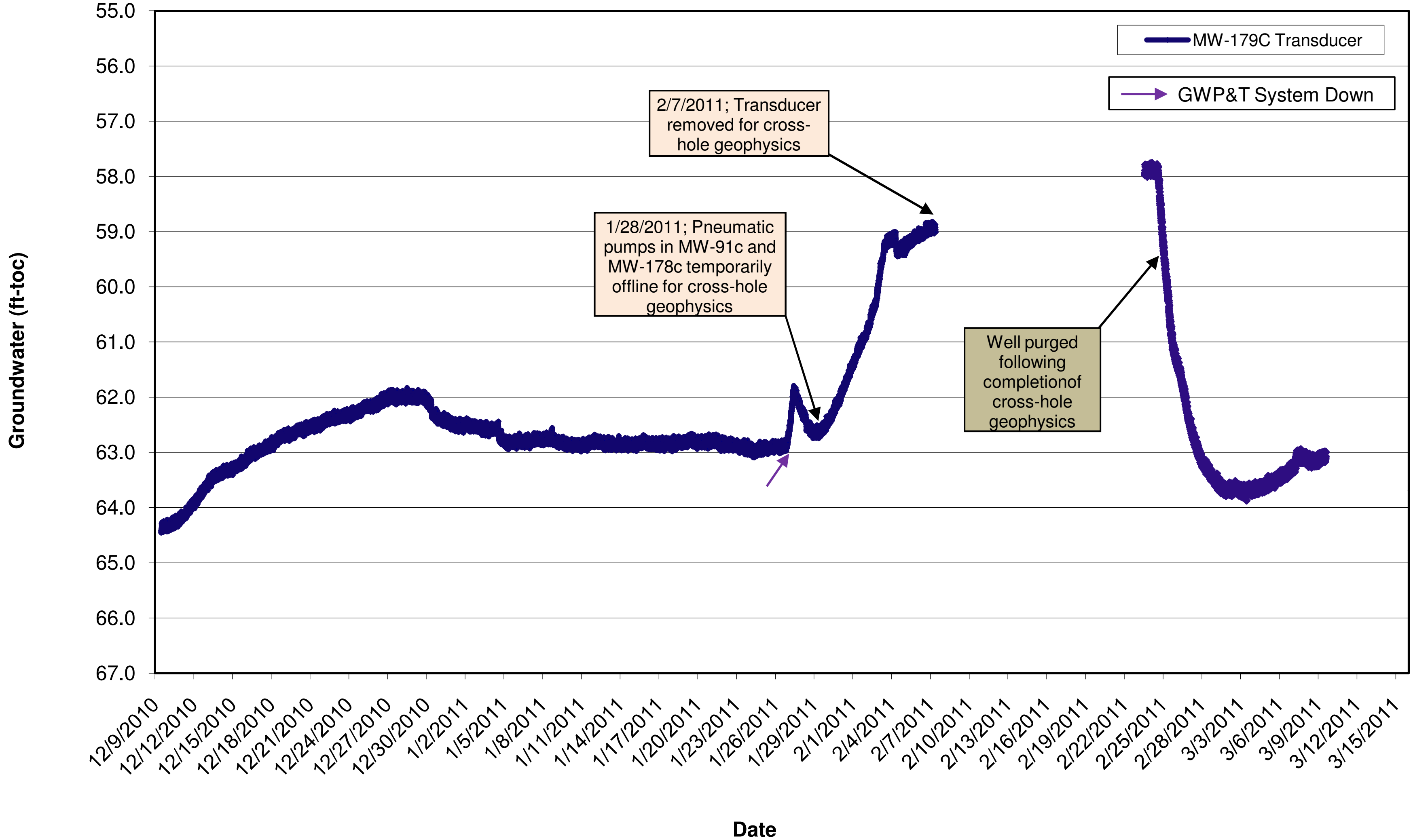
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Notes:
ft-toc = feet below top of casing

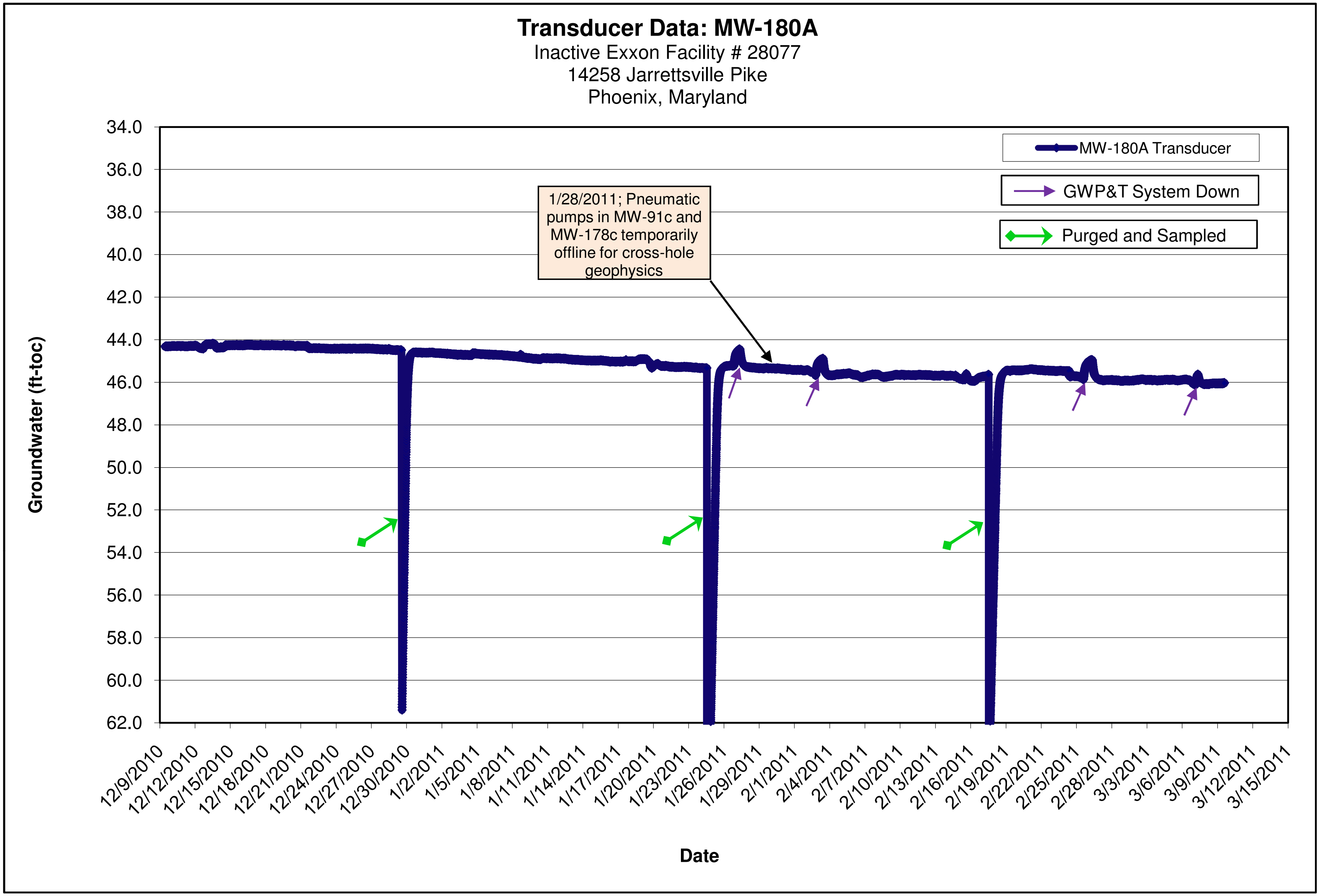
Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Transducer Data: MW-179C
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, Maryland



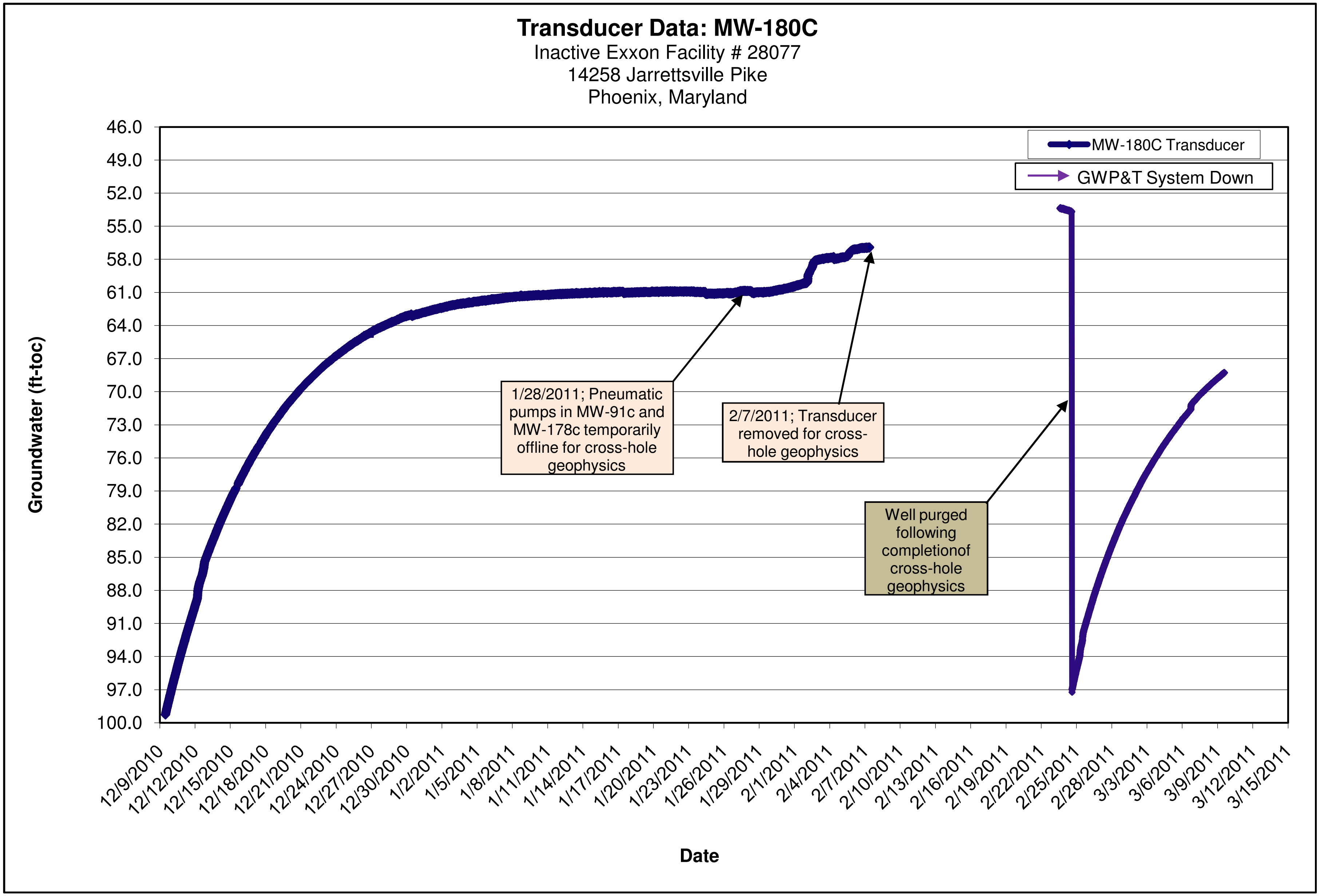
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

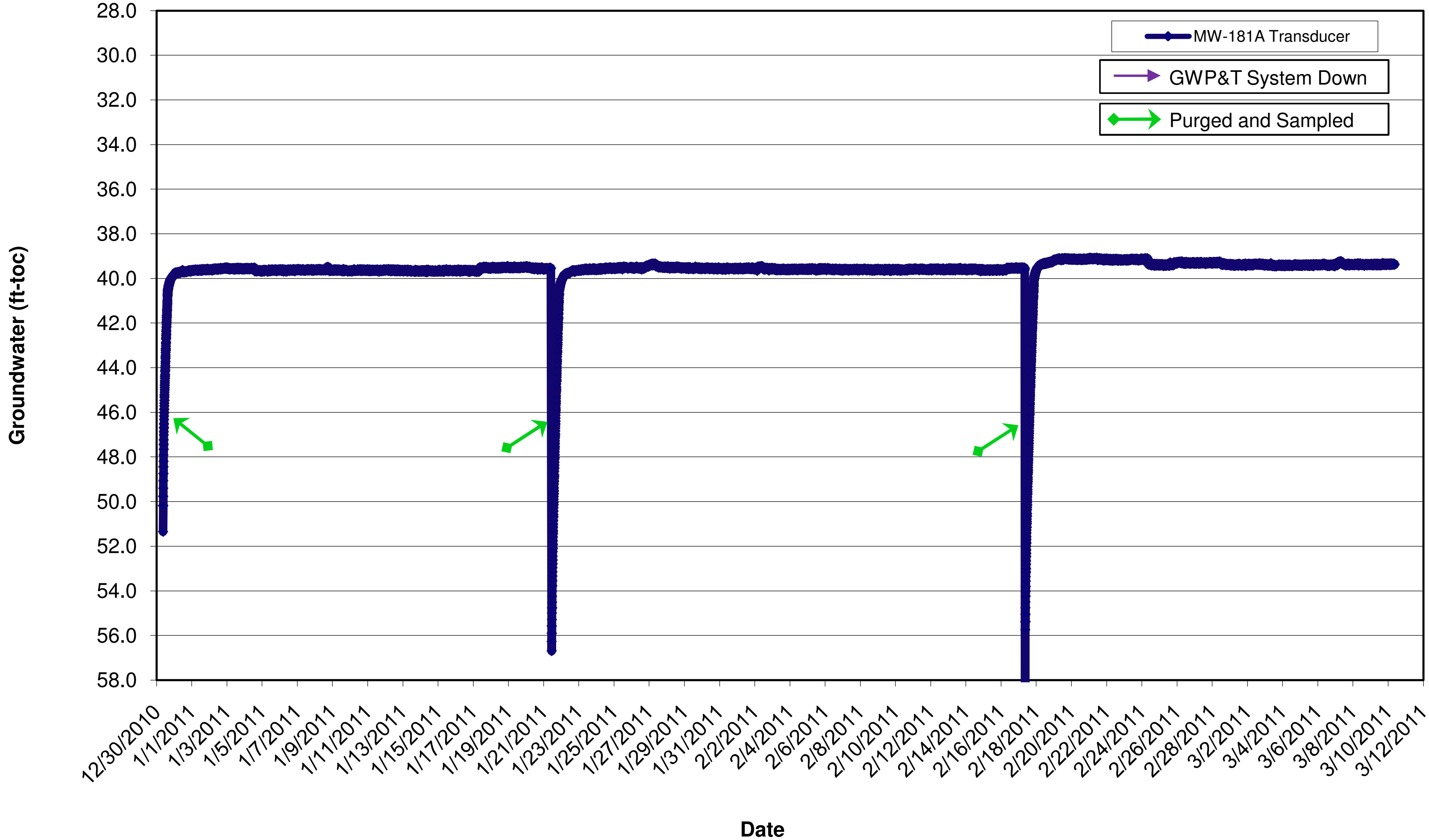


Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

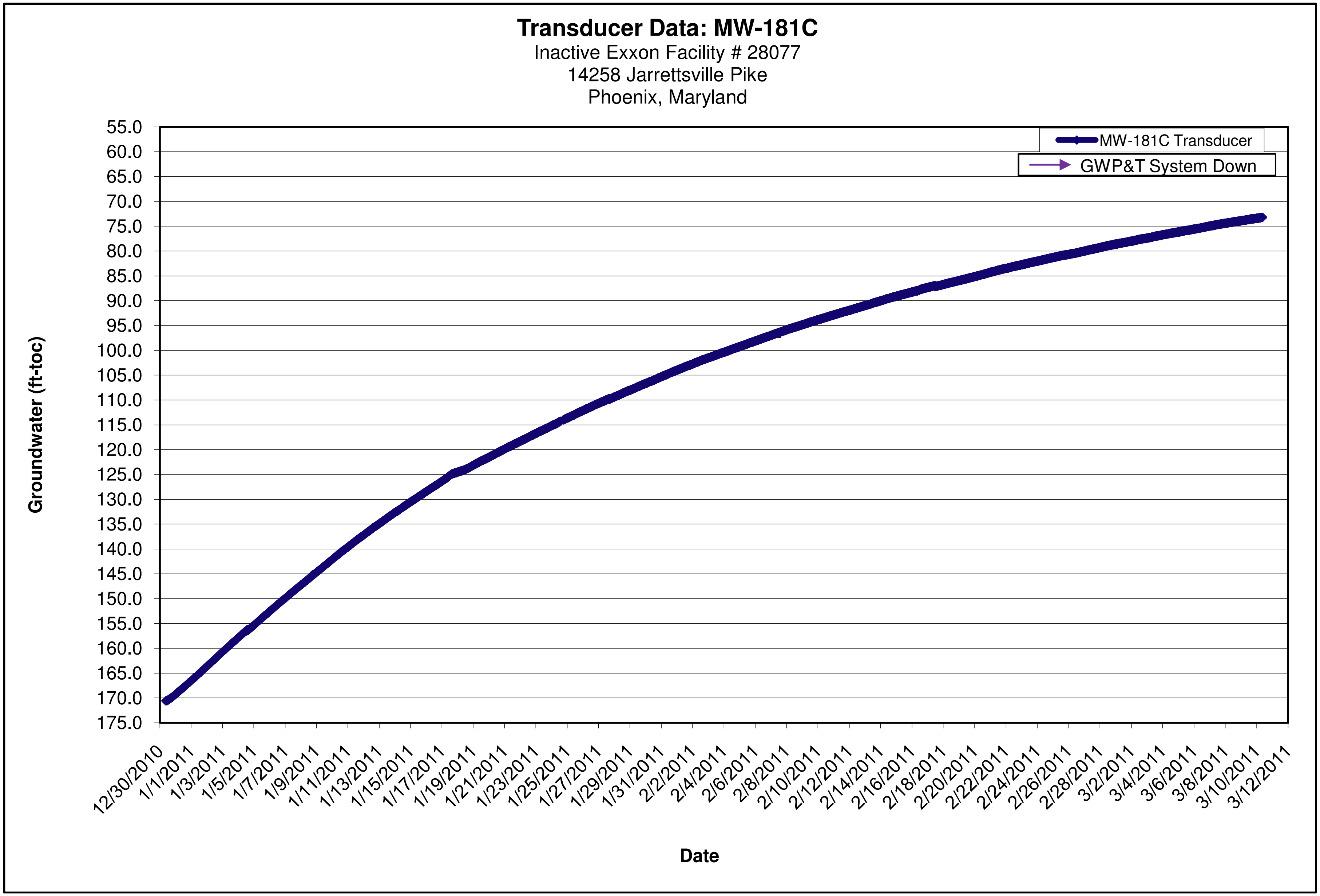
Transducer Data: MW-181A

Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, Maryland



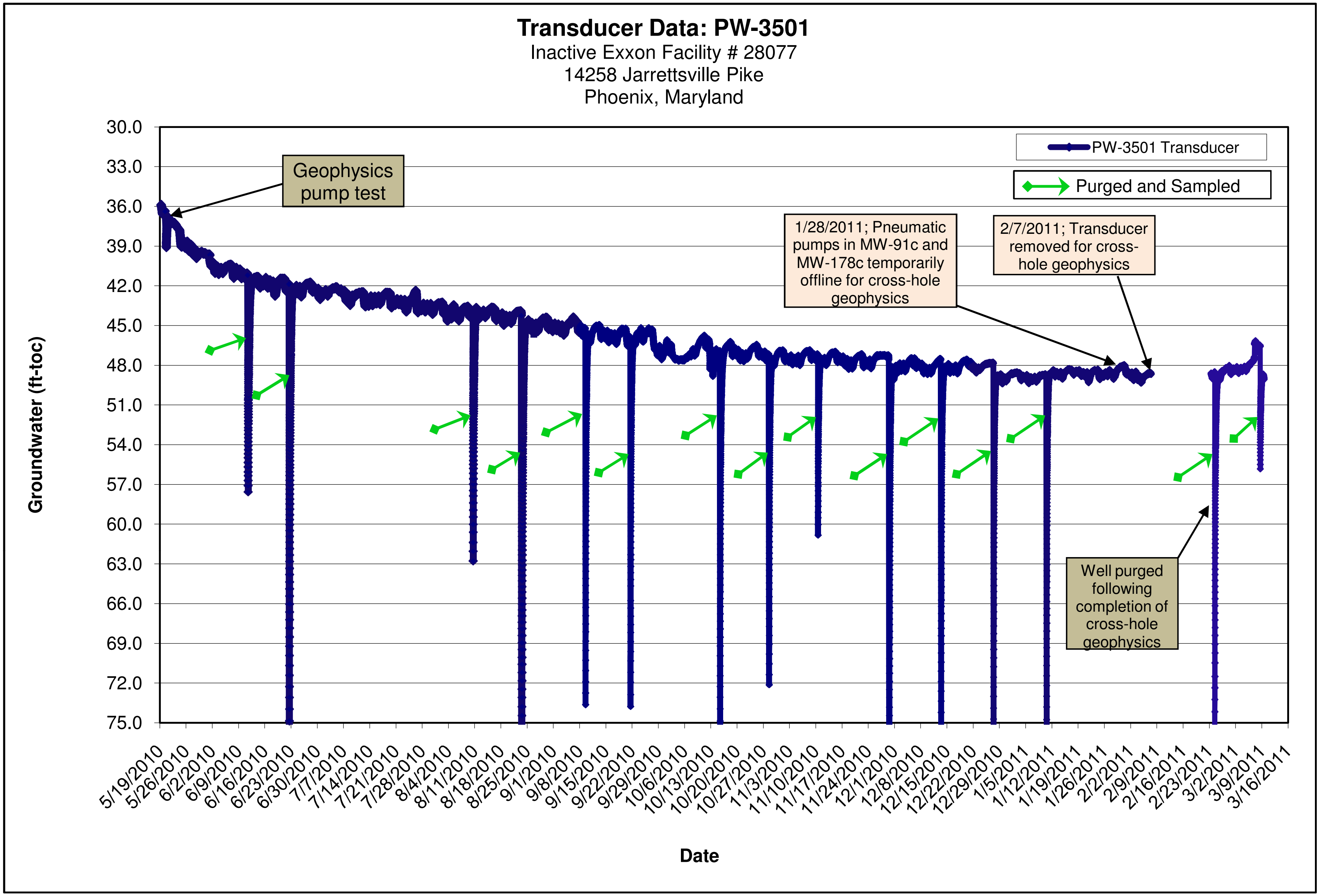
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



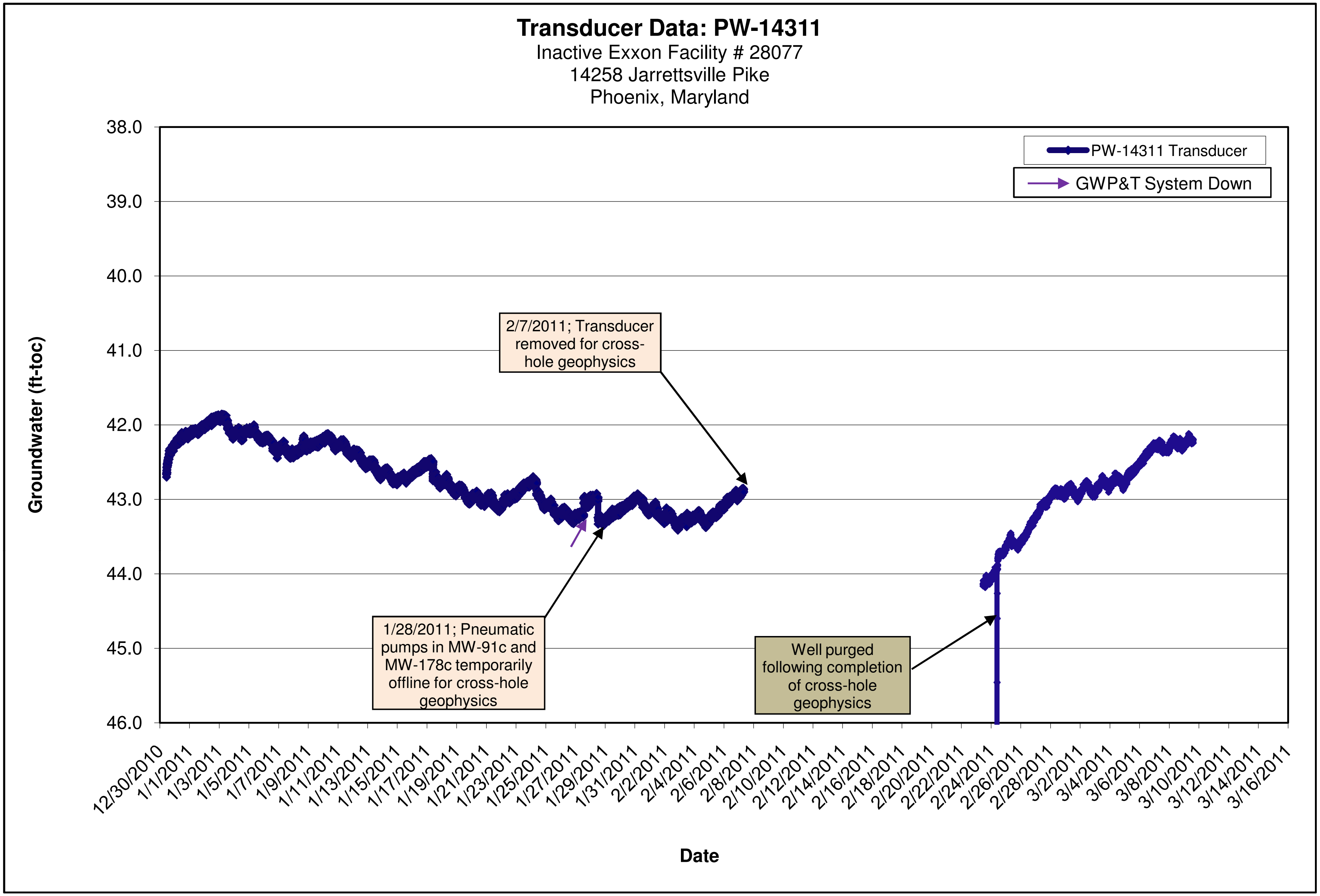
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



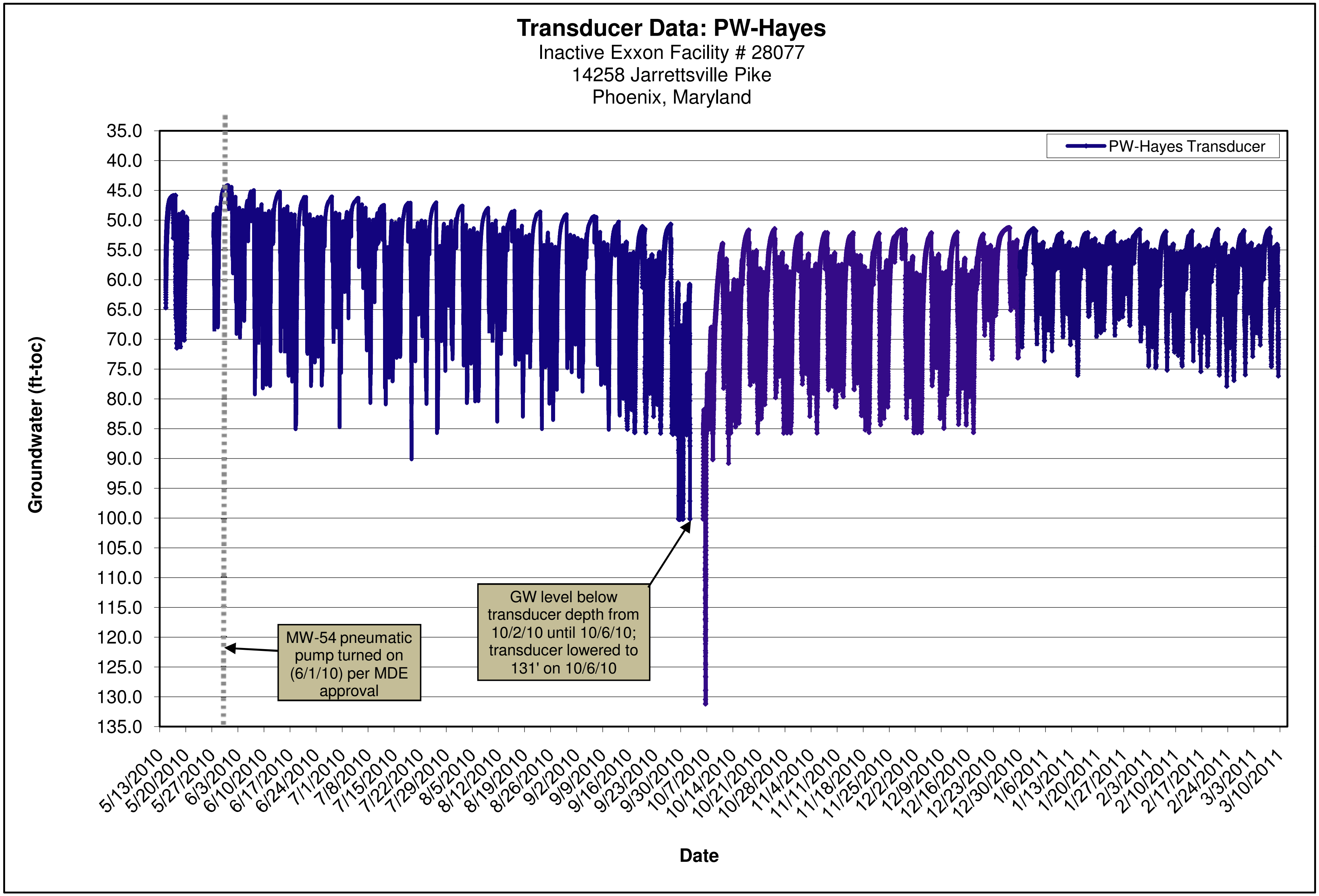
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



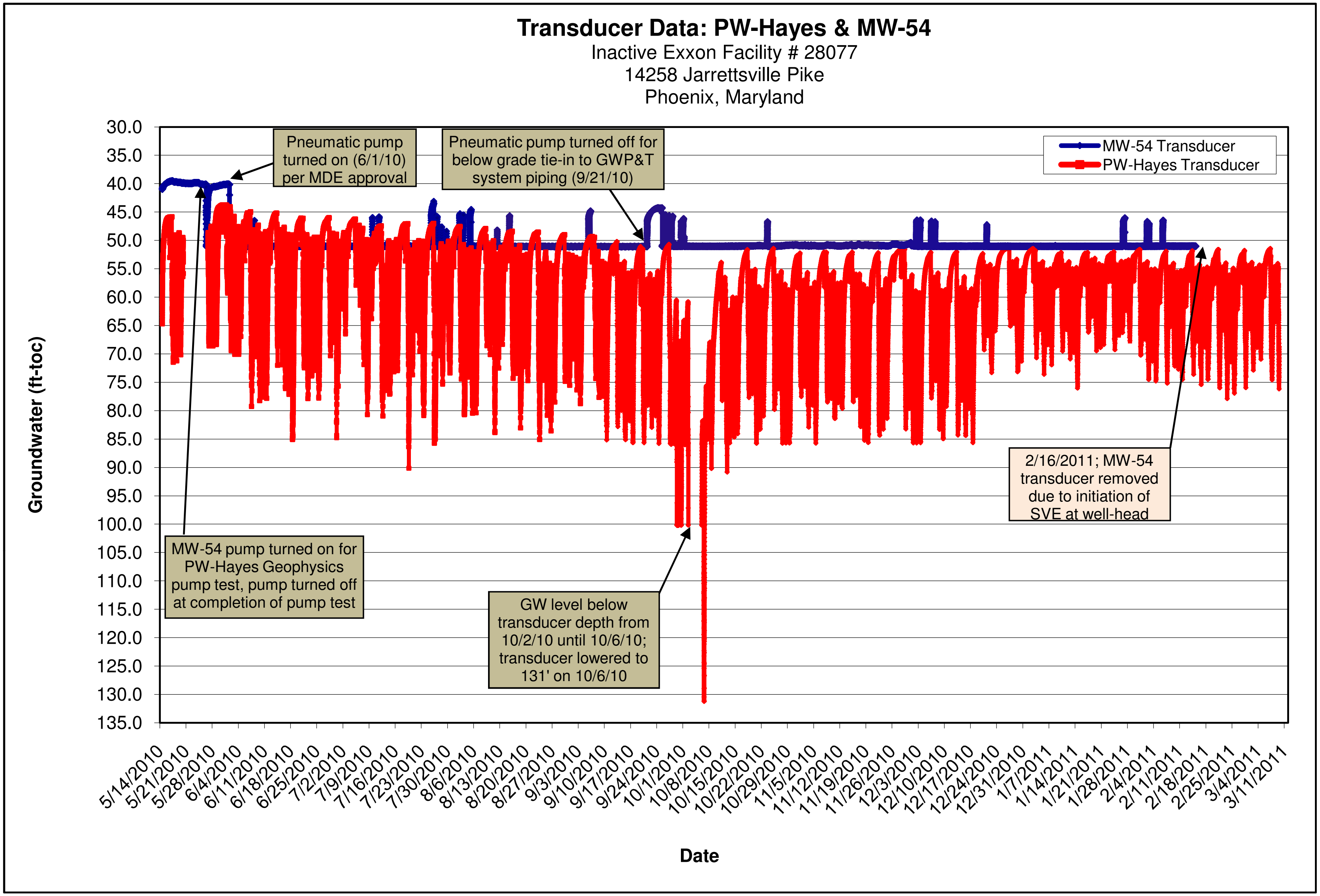
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



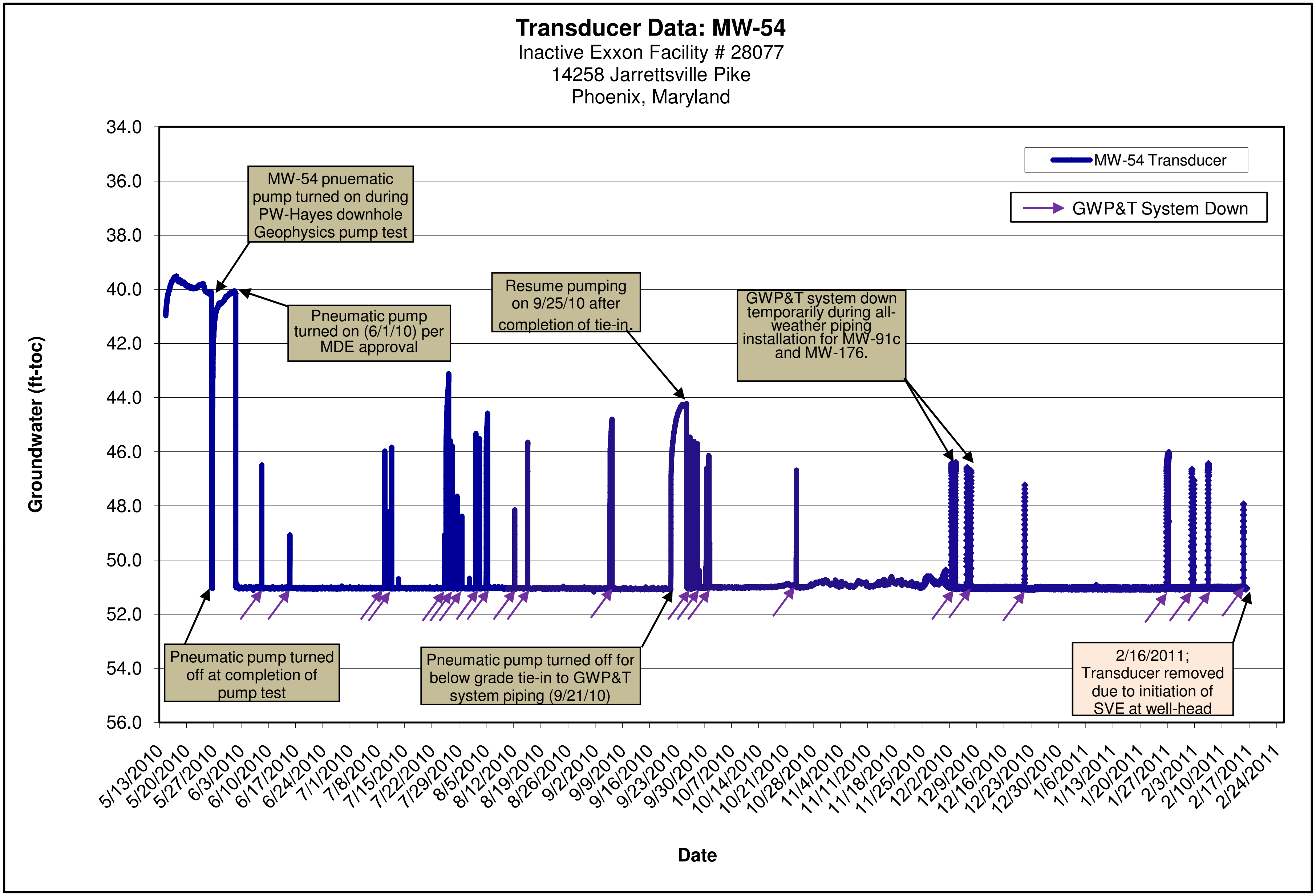
Notes:
ft-toc = feet below top of casing
Commercial Business, normal business hours are Monday-Friday, 8am-5pm

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



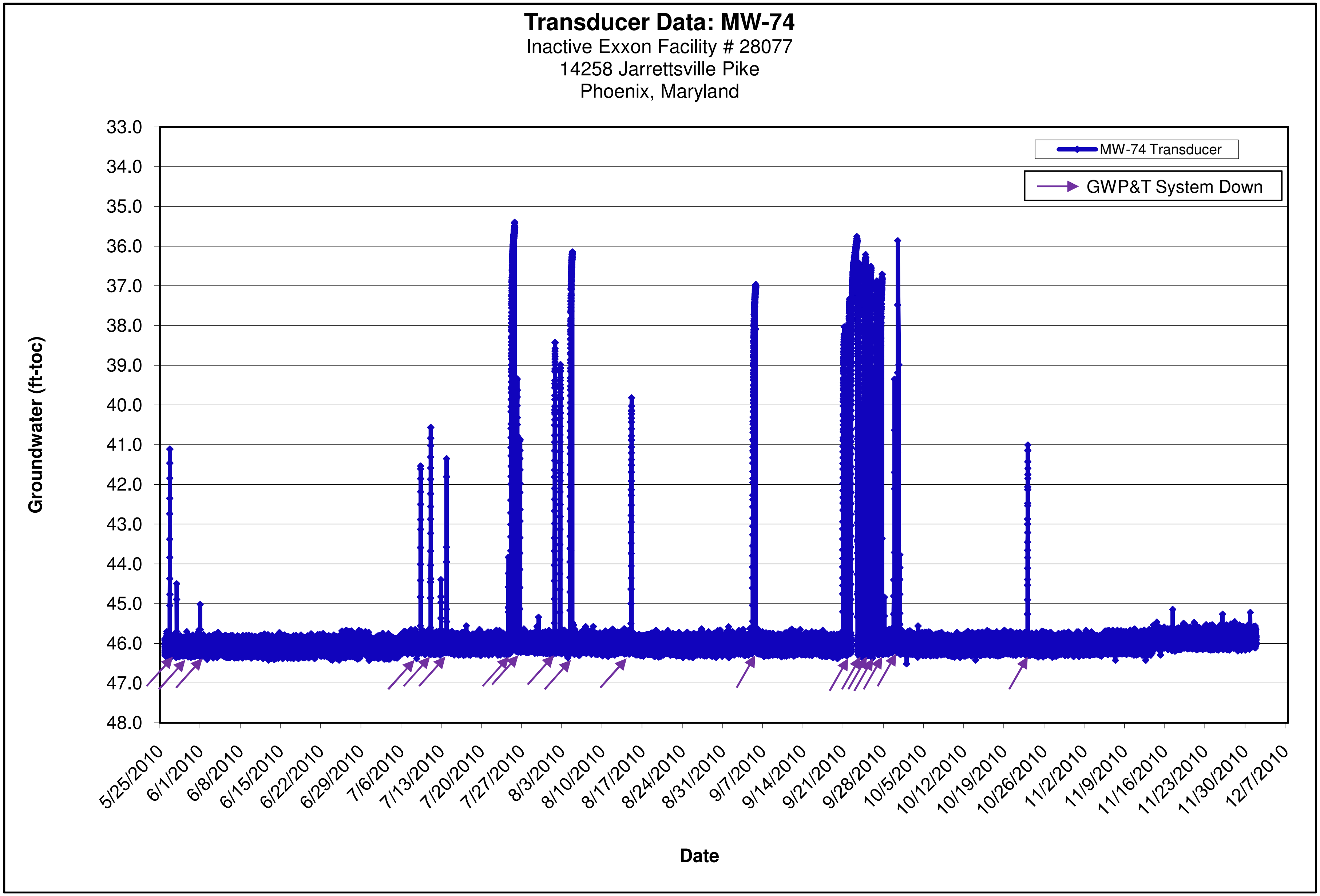
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



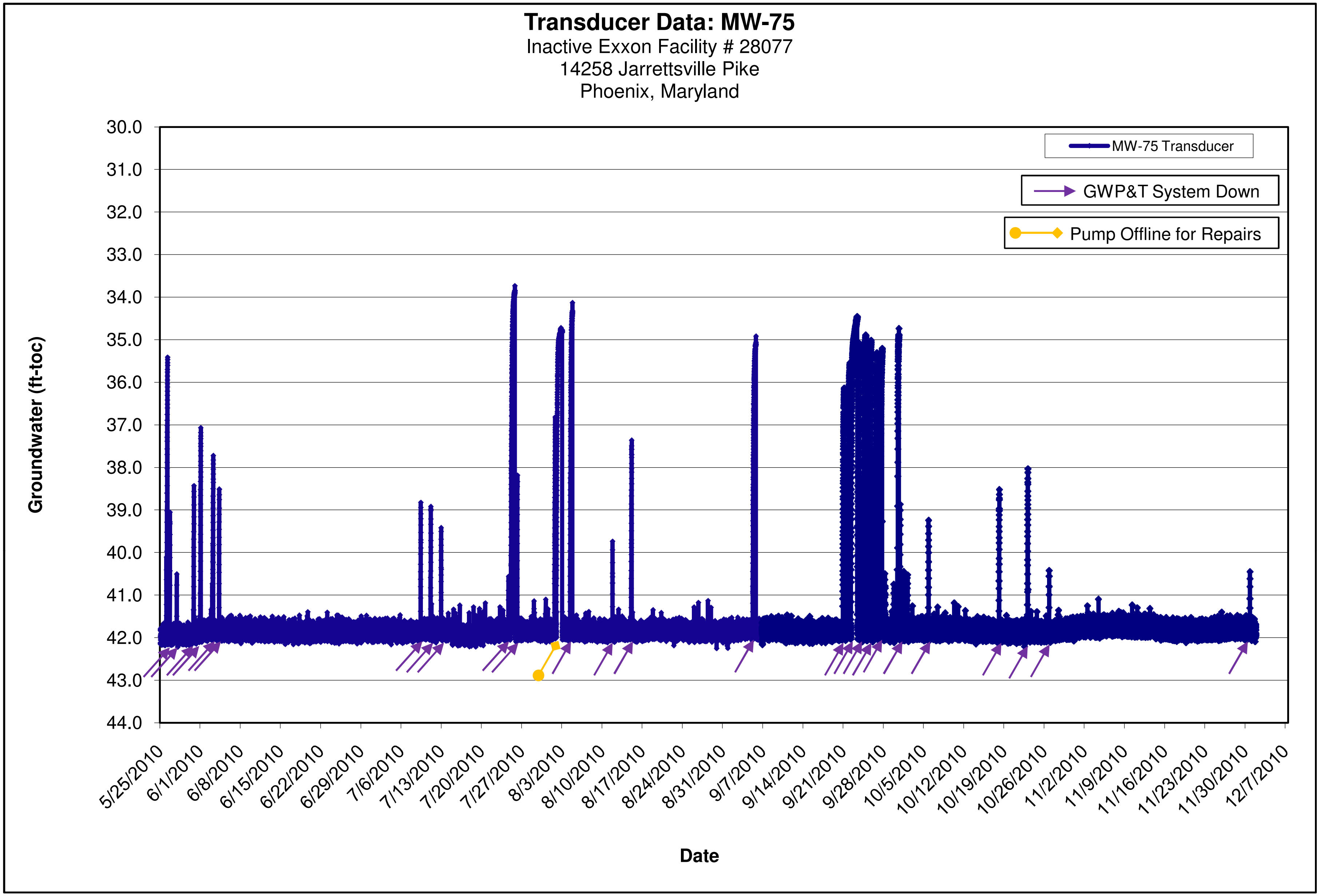
Notes:
ft-toc = feet below top of casing
Transducer removed from well on 2/16/11

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



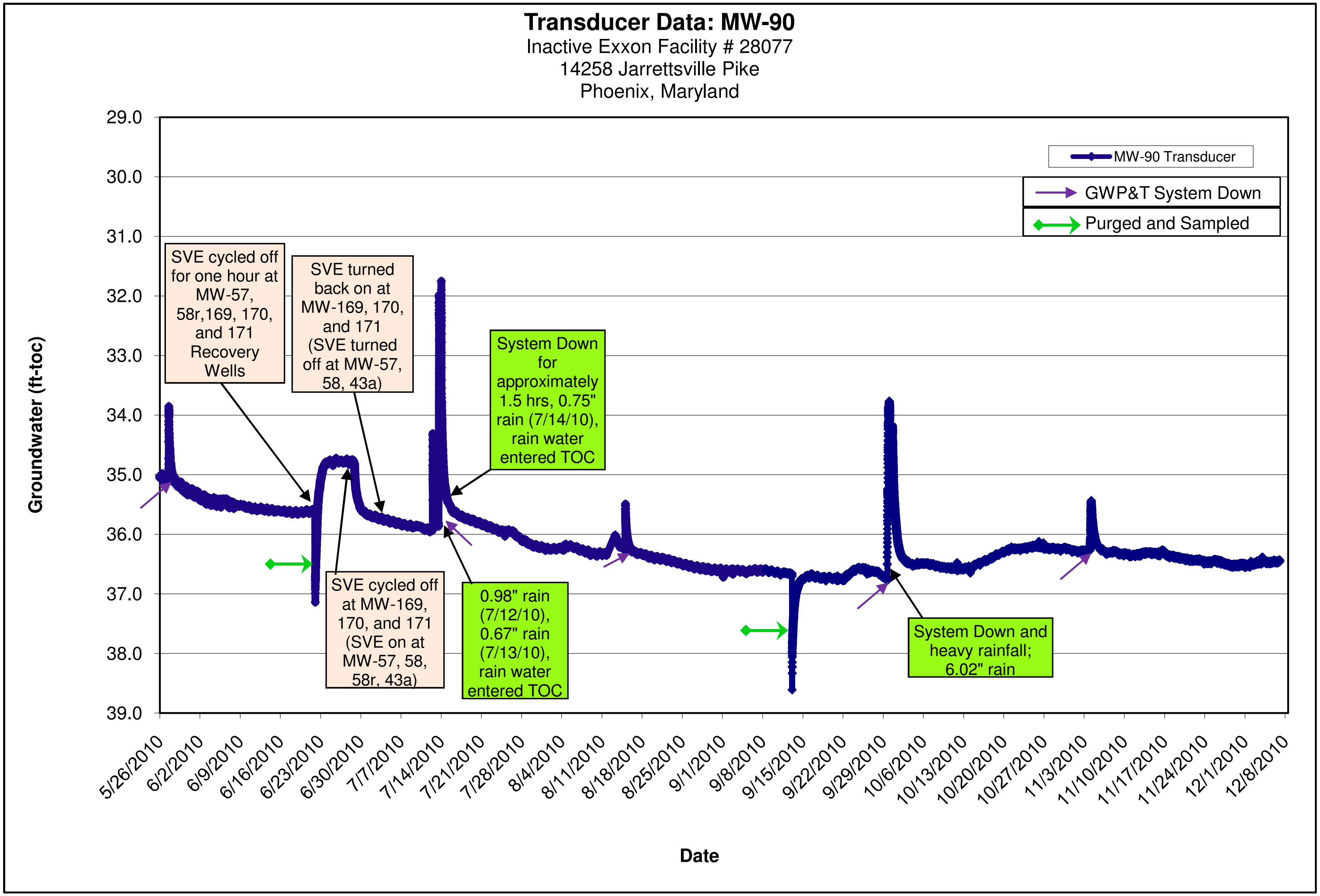
Notes:
ft-toc = feet below top of casing
Transducer removed from well on 12/2/10

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



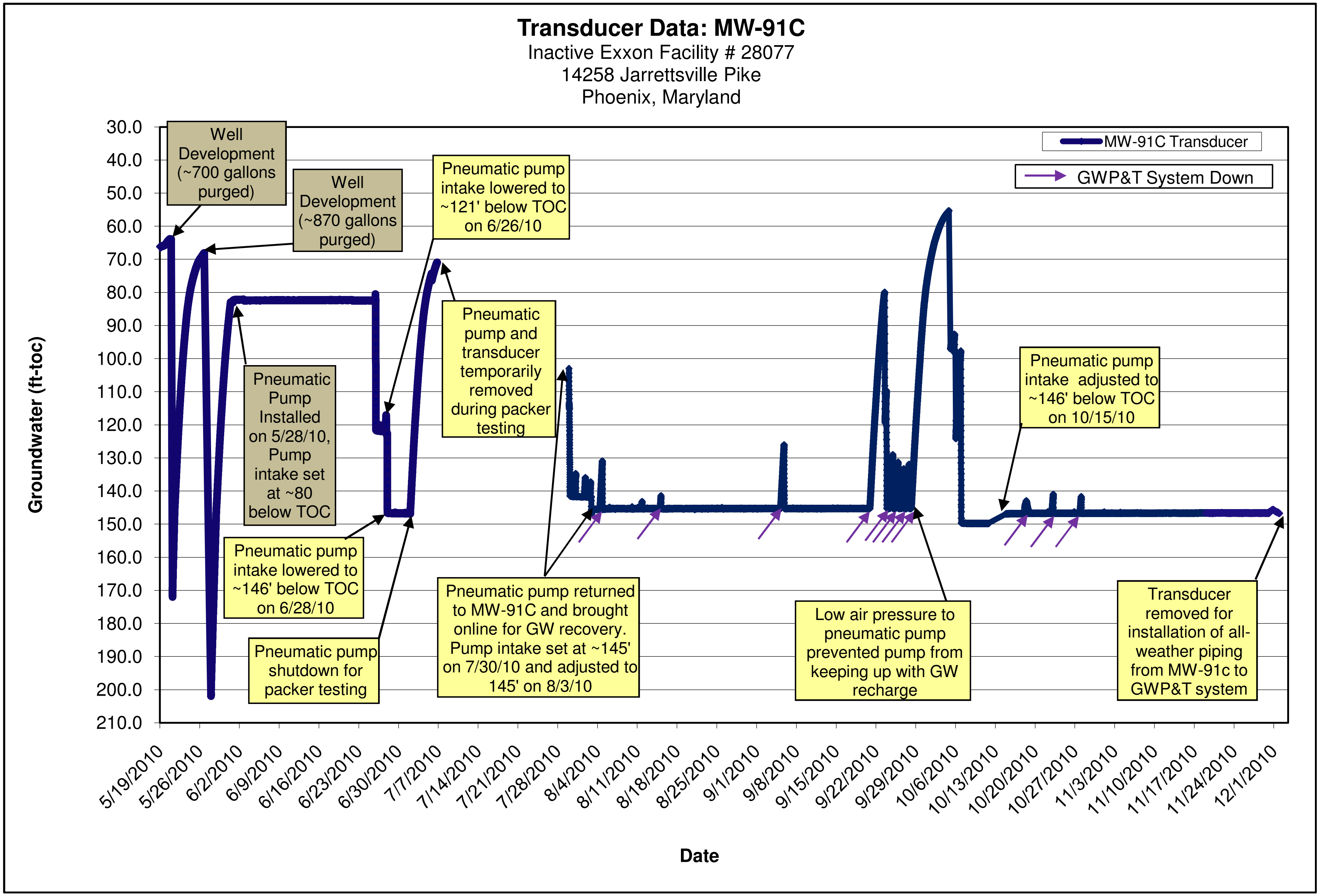
Notes:
ft-toc = feet below top of casing
Transducer removed from well on 12/2/10

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



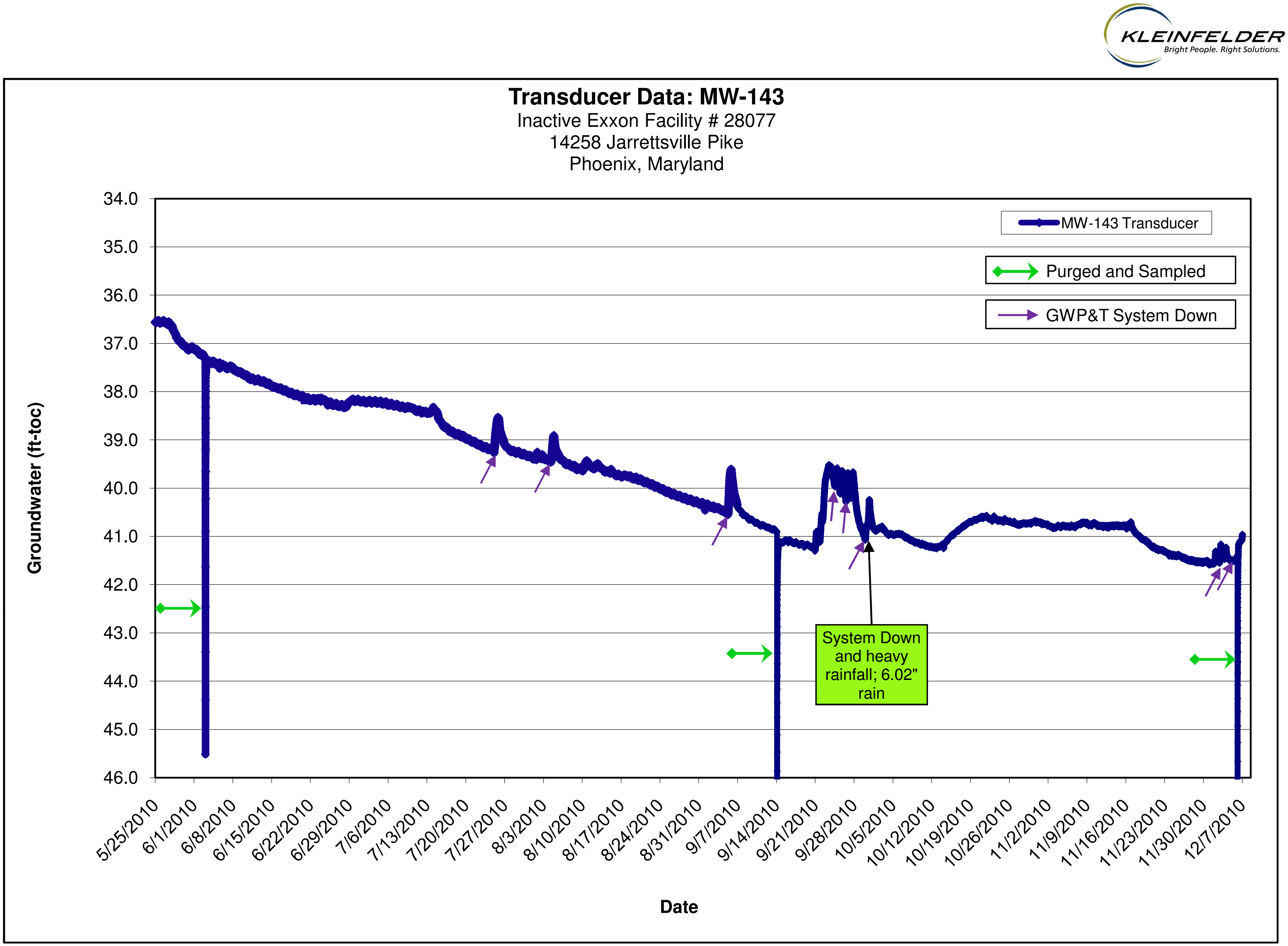
Notes:
ft-toc = feet below top of casing
Transducer removed from well on 12/7/2010

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



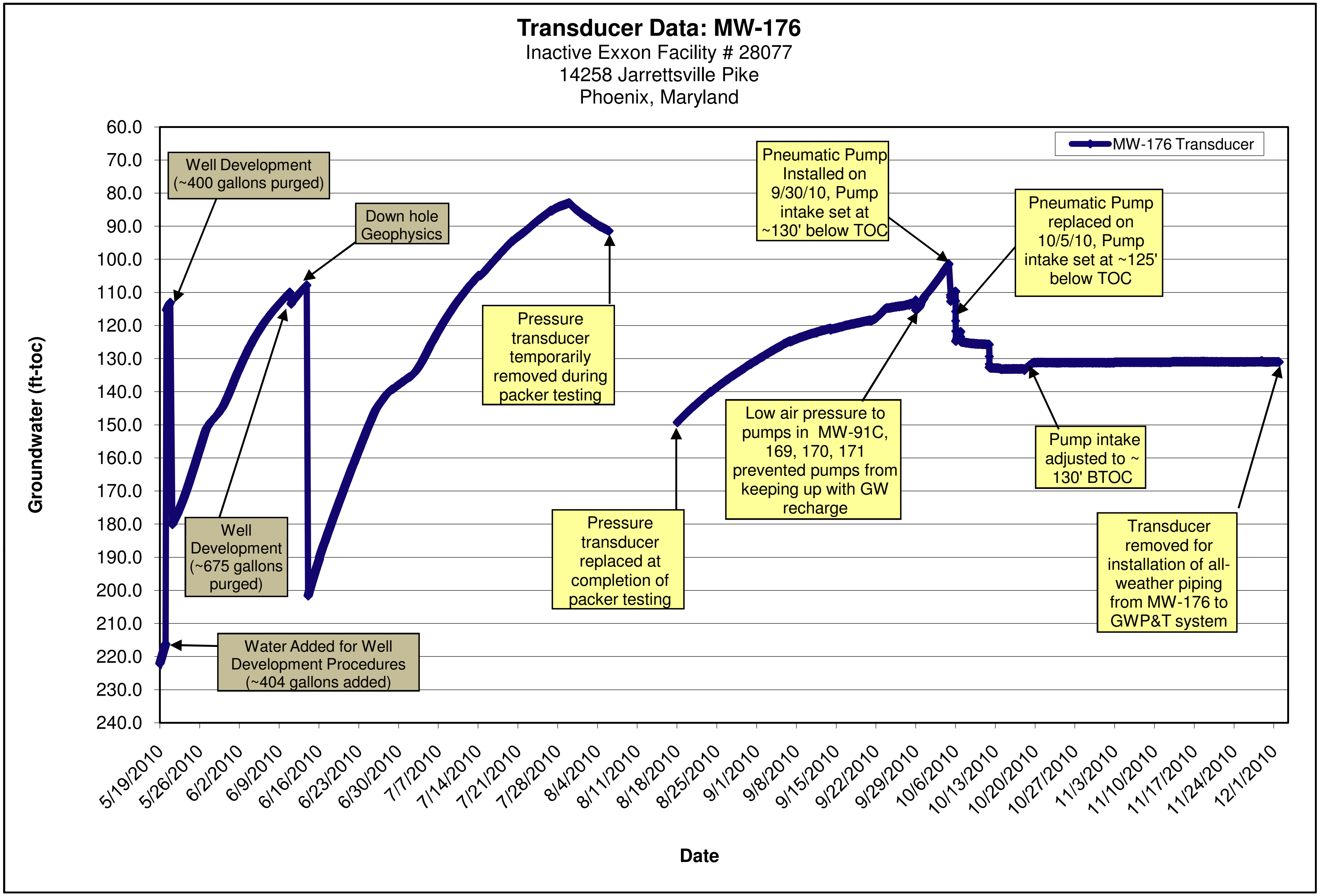
Notes:
ft-toc = feet below top of casing
Transducer removed from well on 12/2/10

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



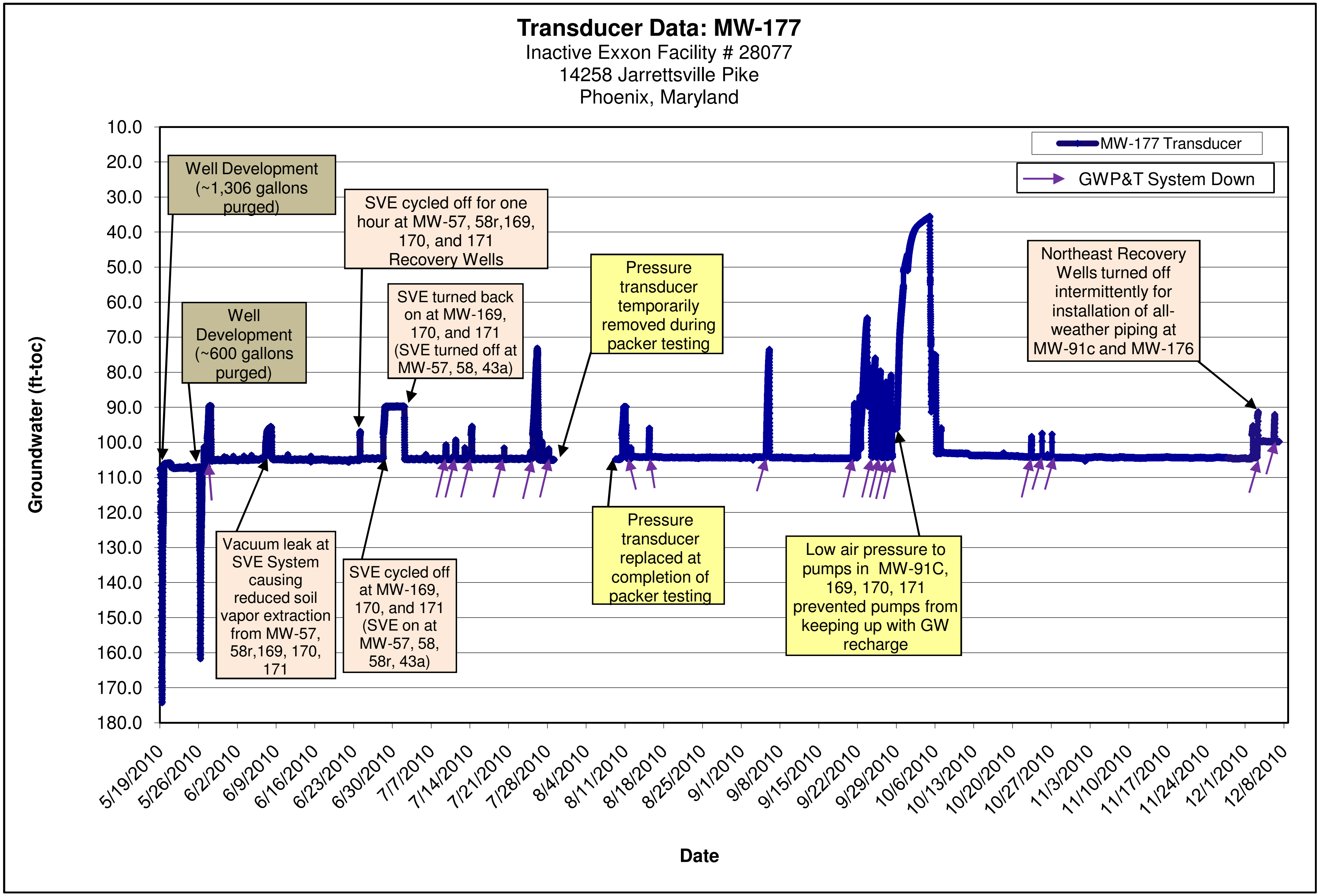
Notes:
ft-toc = feet below top of casing
Transducer removed from well on 12/7/10

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Notes:
ft-toc = feet below top of casing
Transducer removed from well on 12/2/10

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

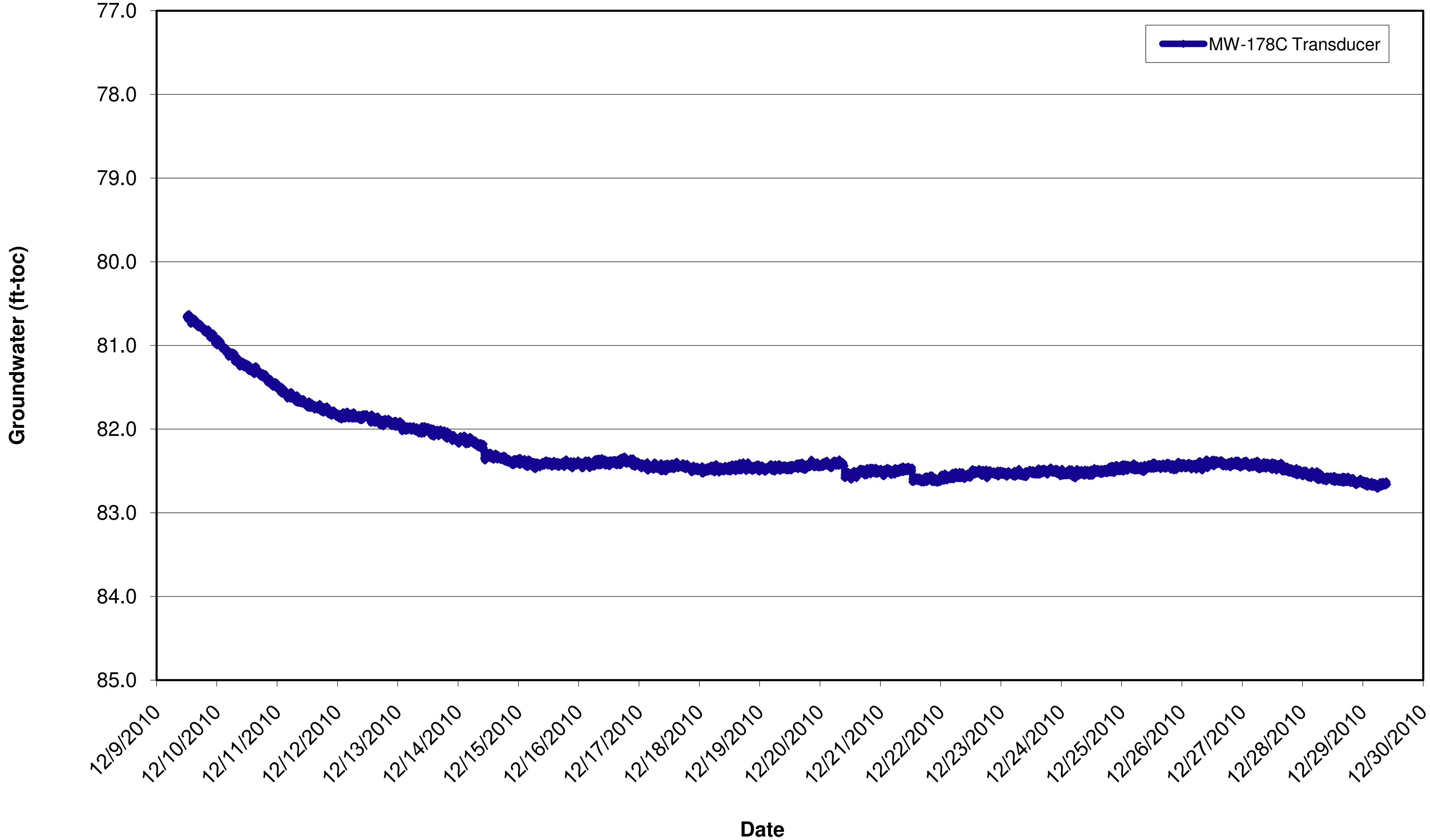


Notes:
ft-toc = feet below top of casing
Transducer removed from the well on 12/7/10

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Transducer Data: MW-178C

Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, Maryland

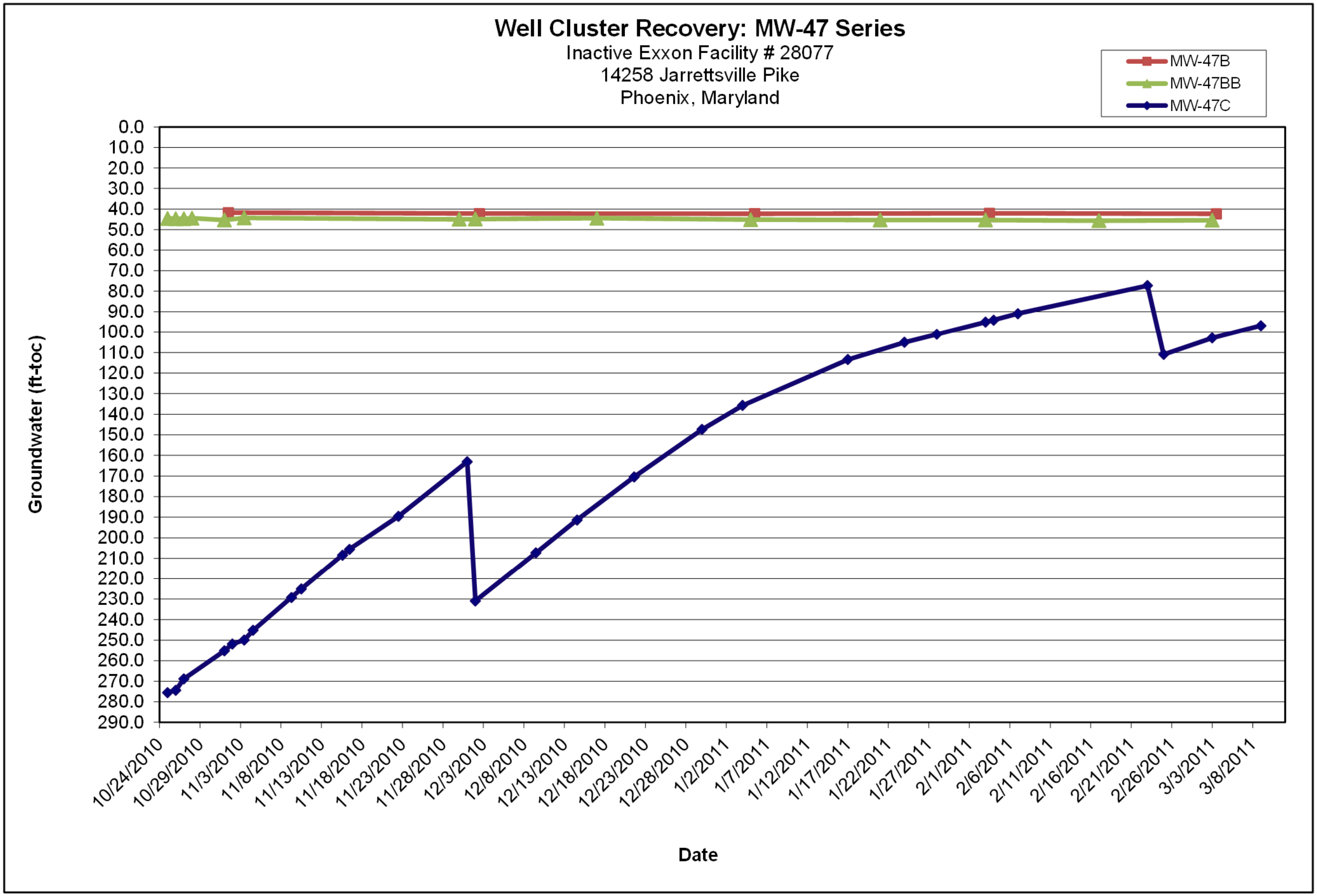


Notes:
ft-toc = feet below top of casing
Transducer removed on 12/29/10 for installation of pneumatic pump

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

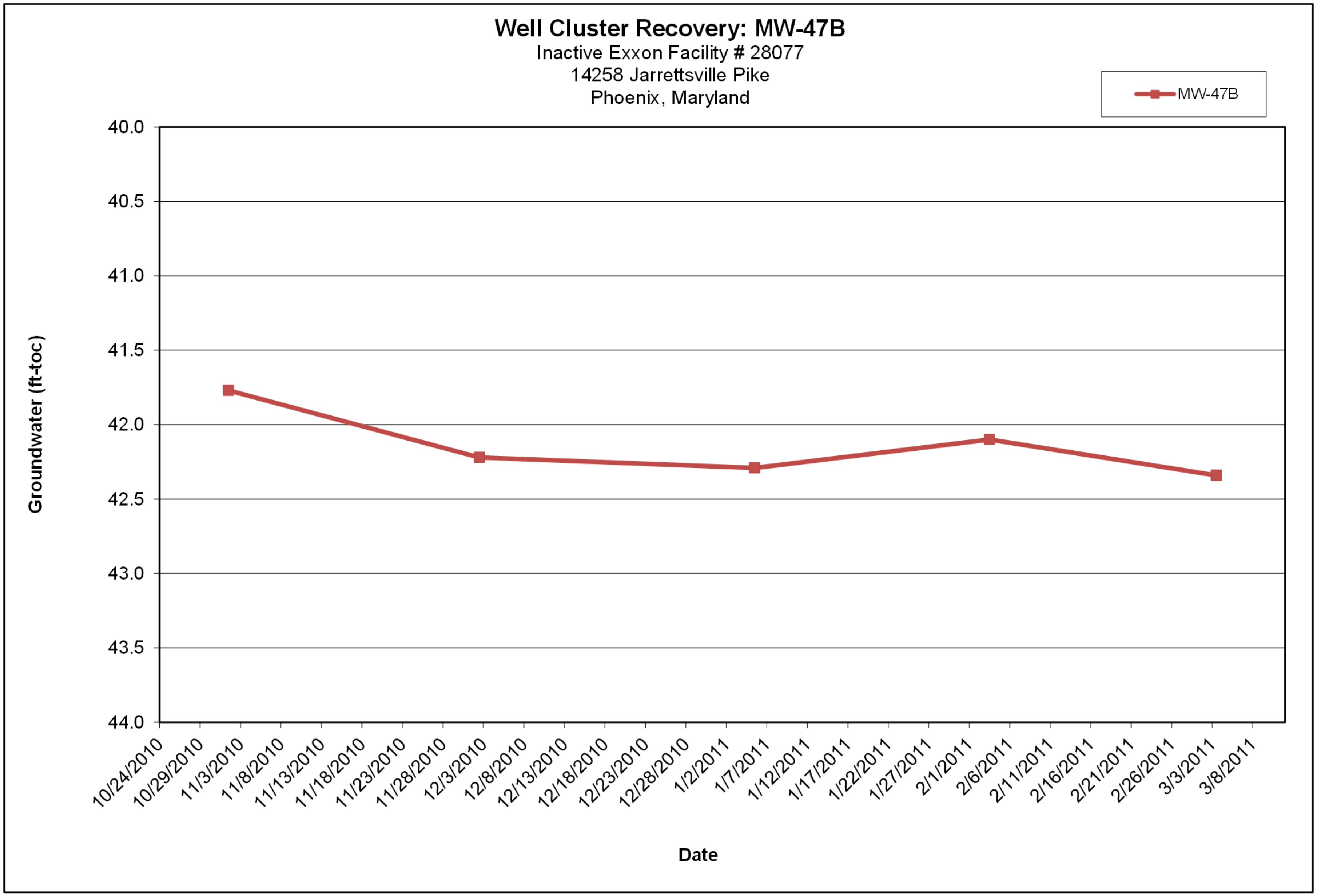
APPENDIX N

Near Northeast Area Well Cluster Recovery Plots



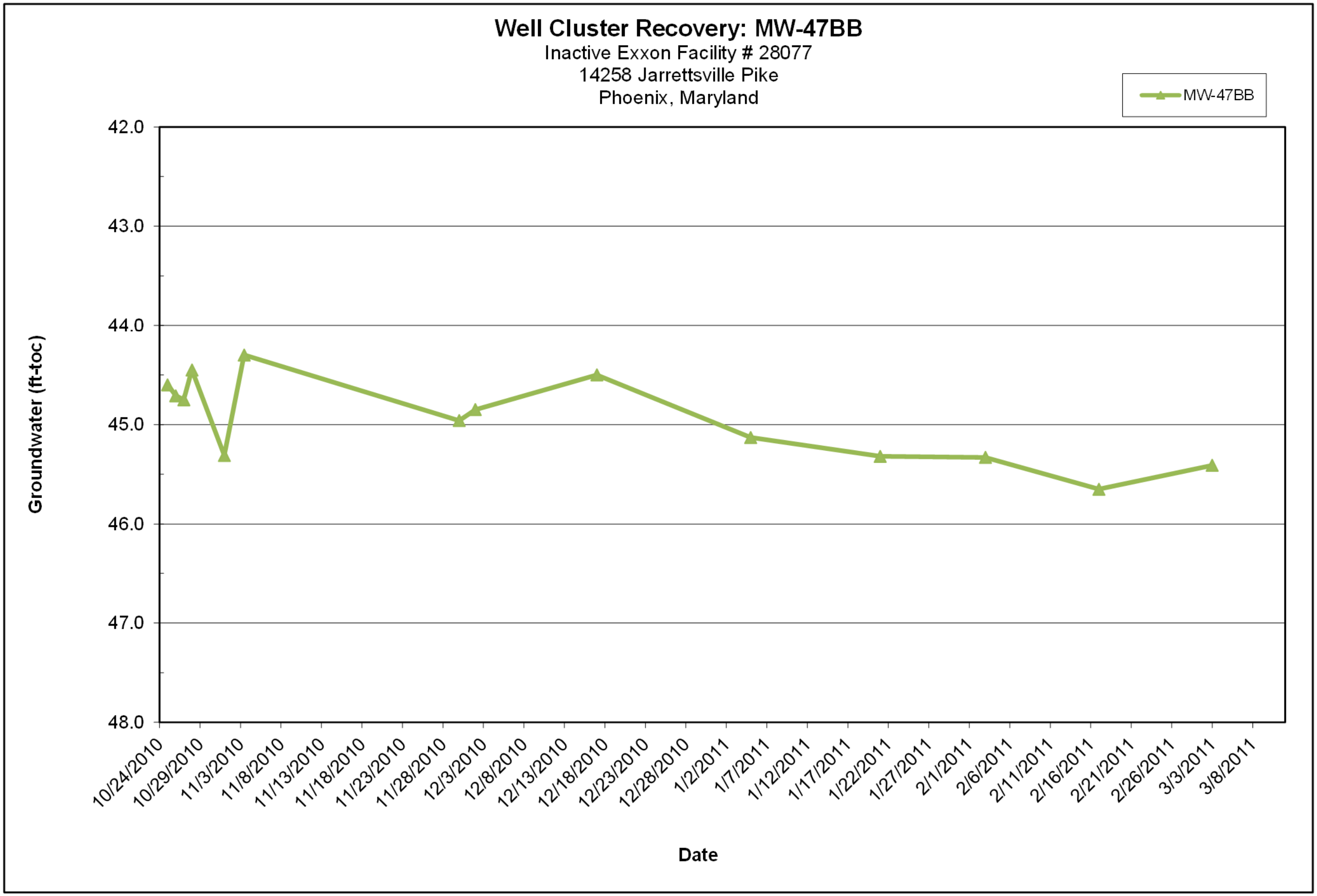
Notes:
ft-toc = feet below top of casing
MW-47A was dry during the select time period

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



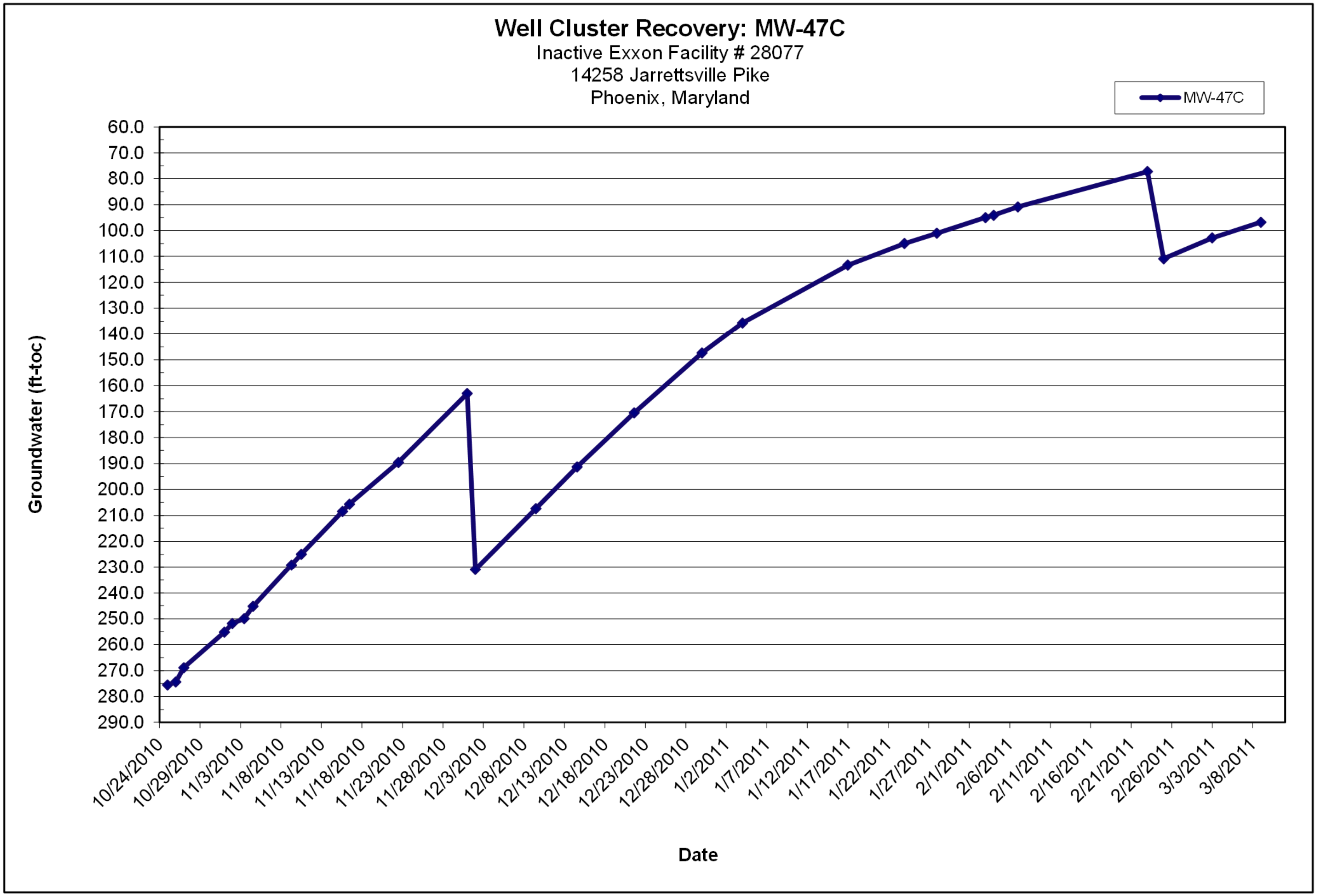
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



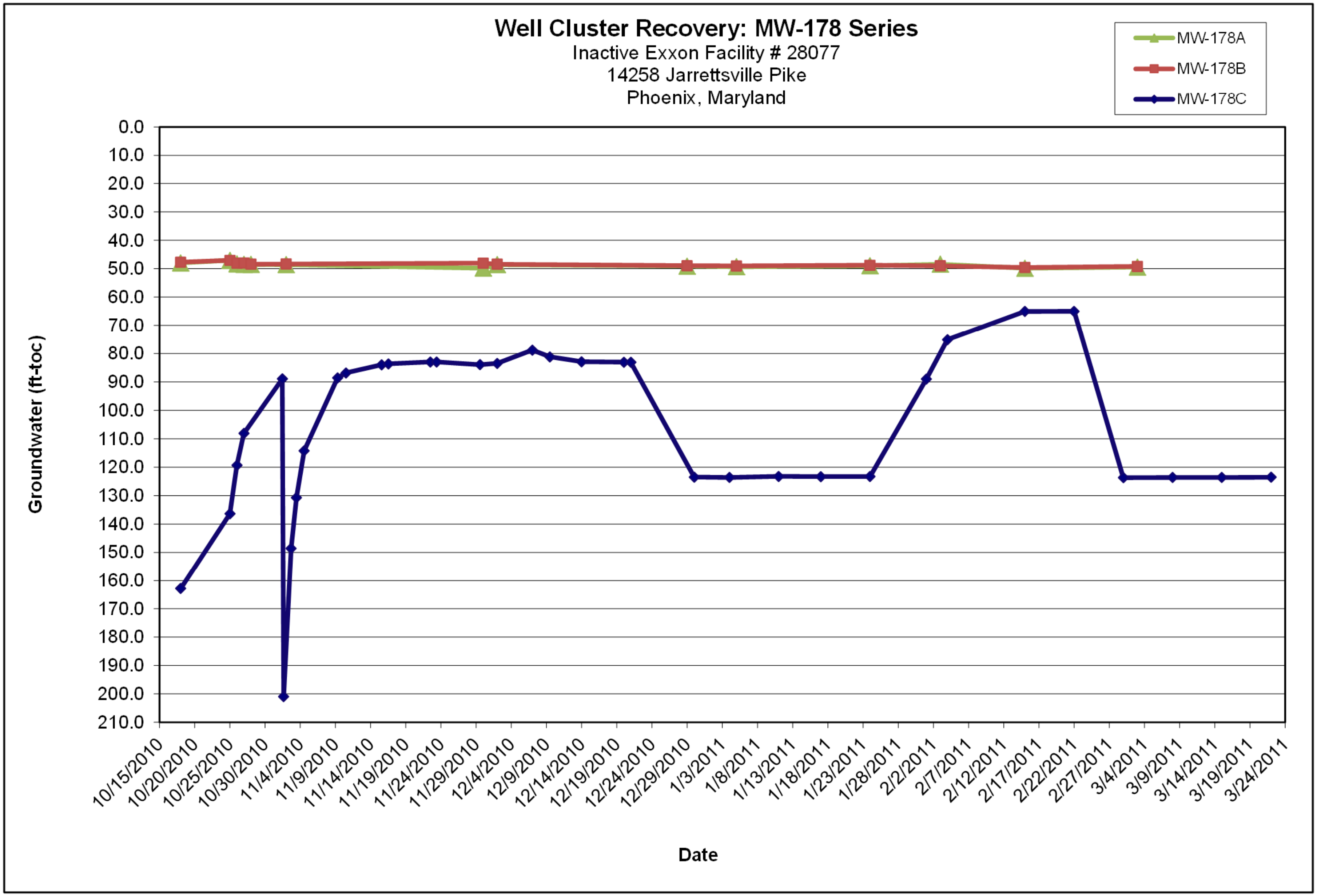
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



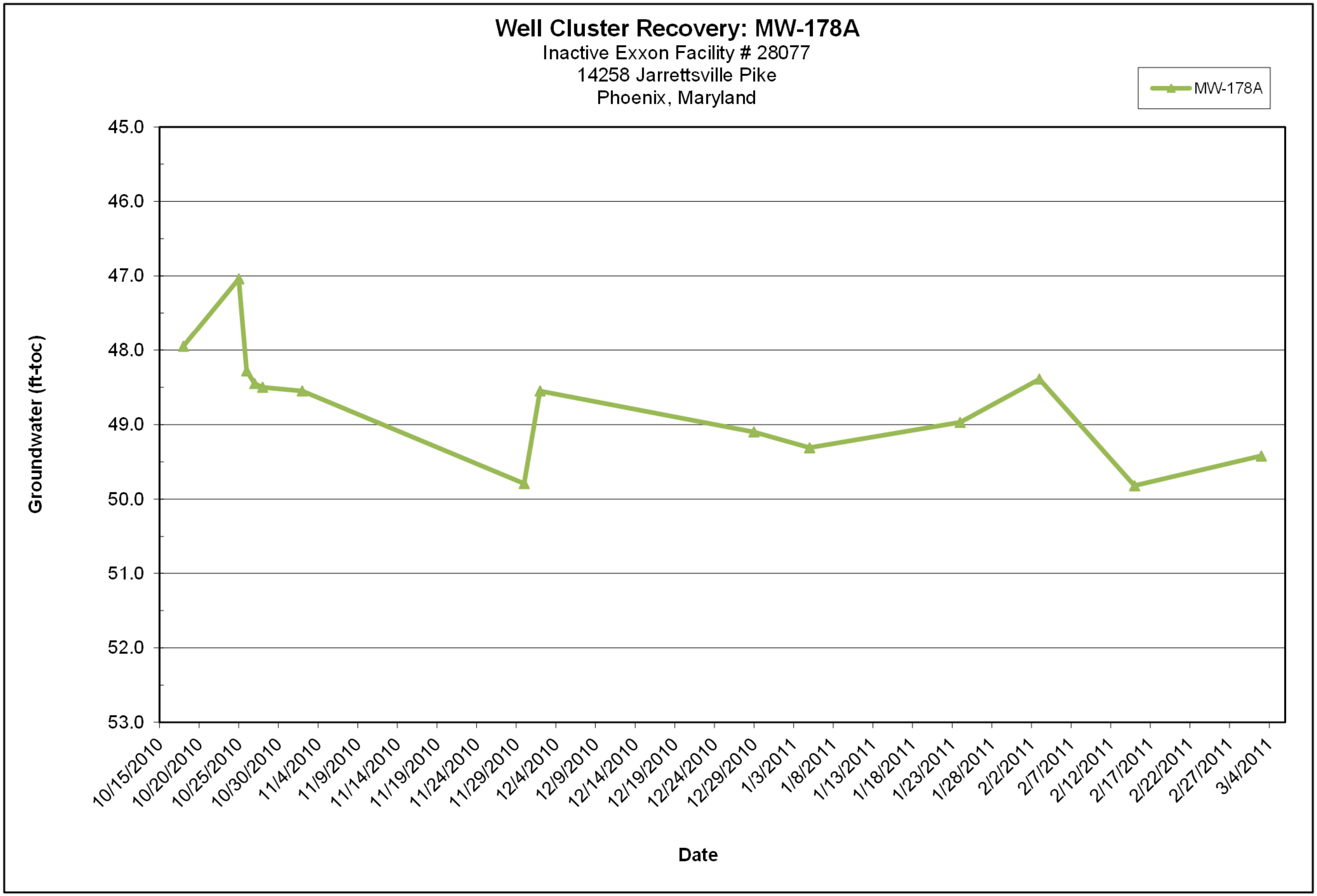
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



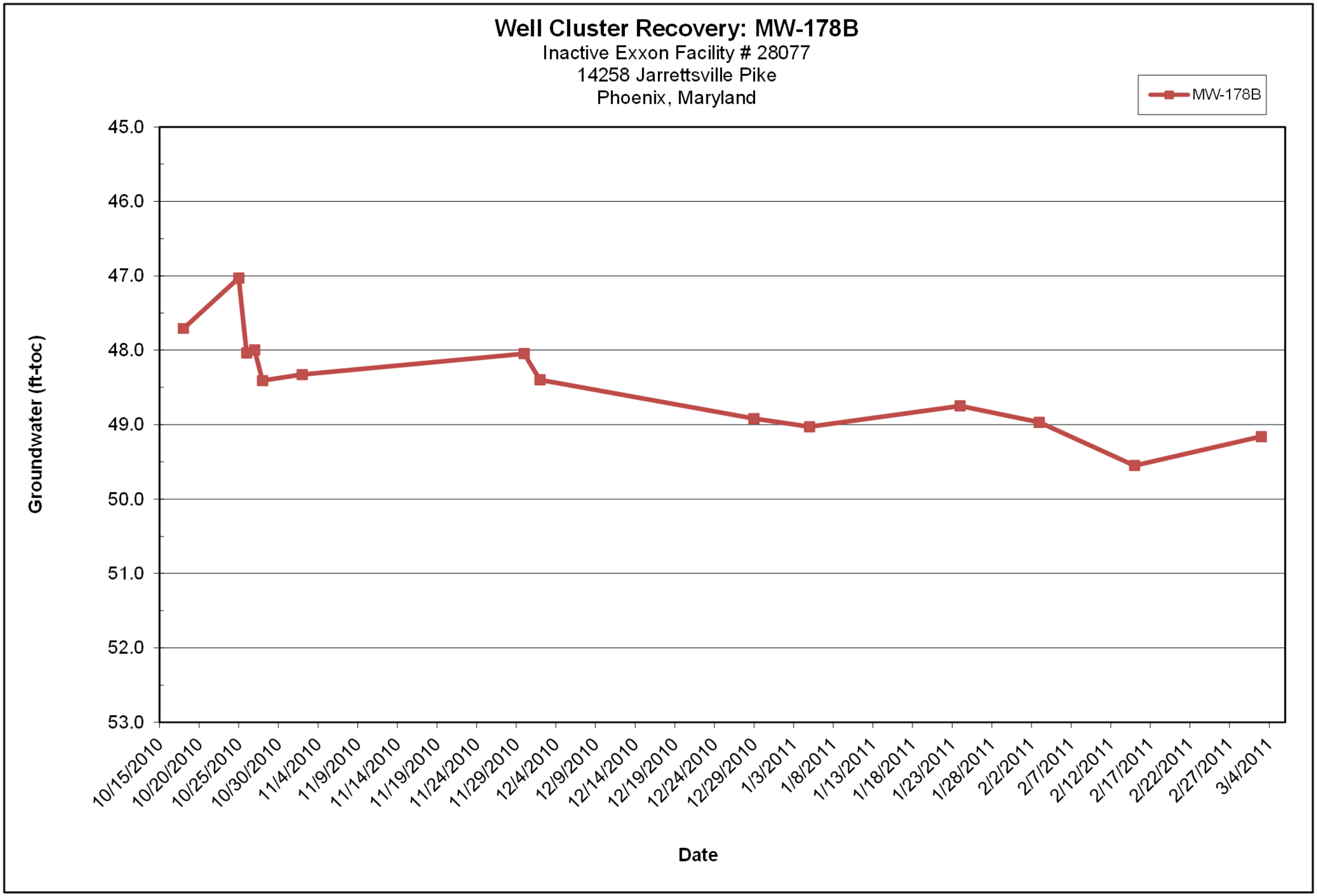
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



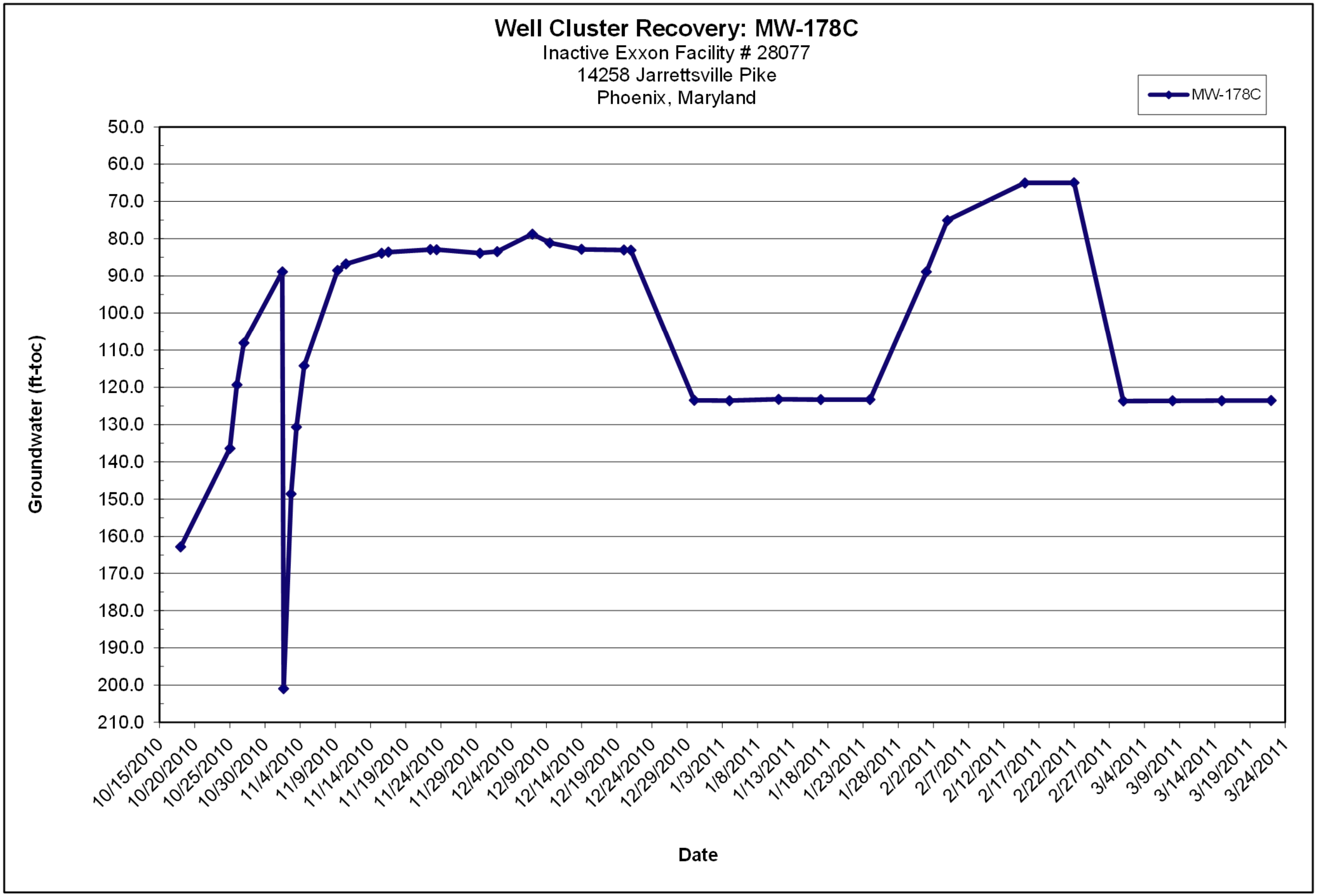
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



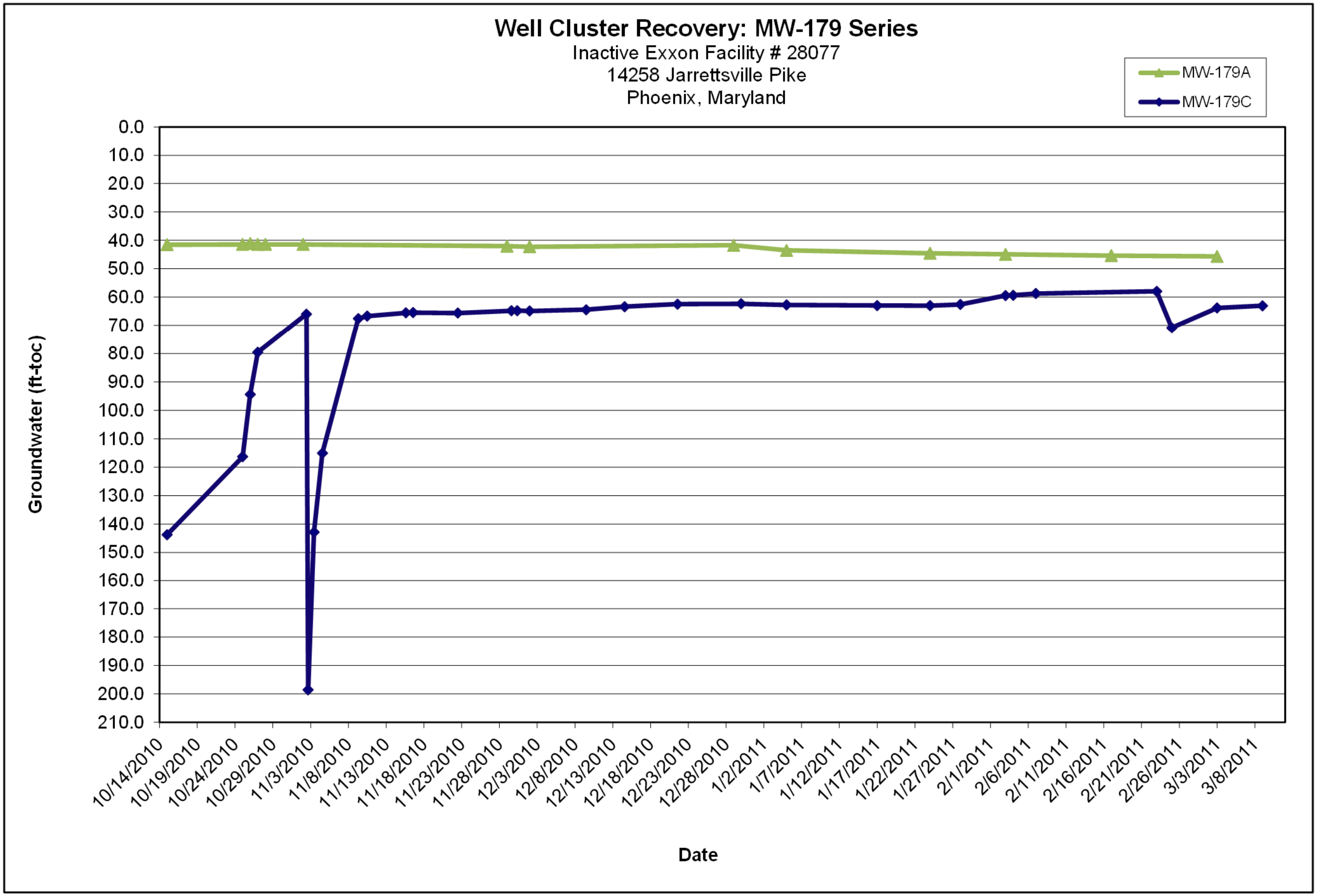
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

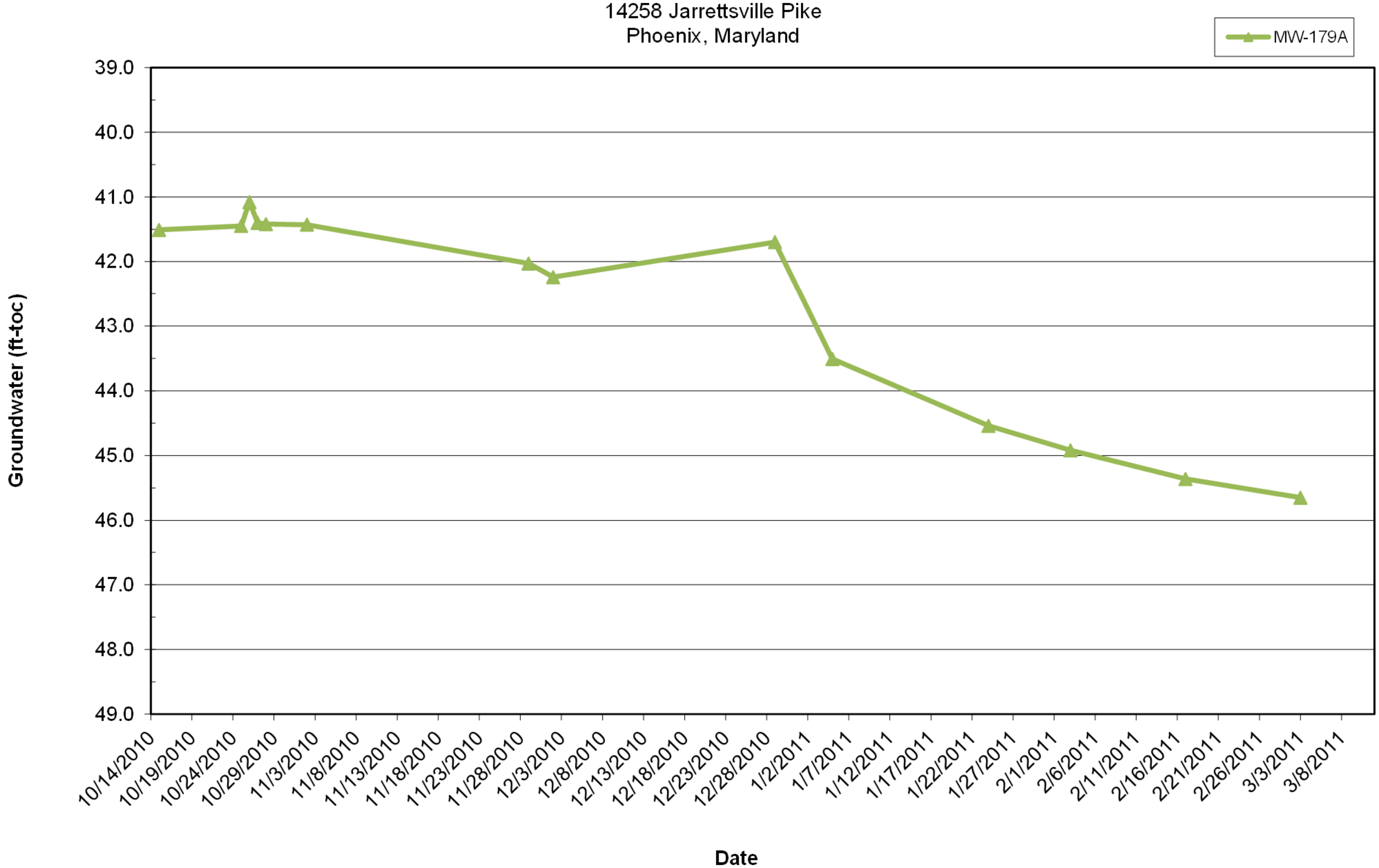


Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

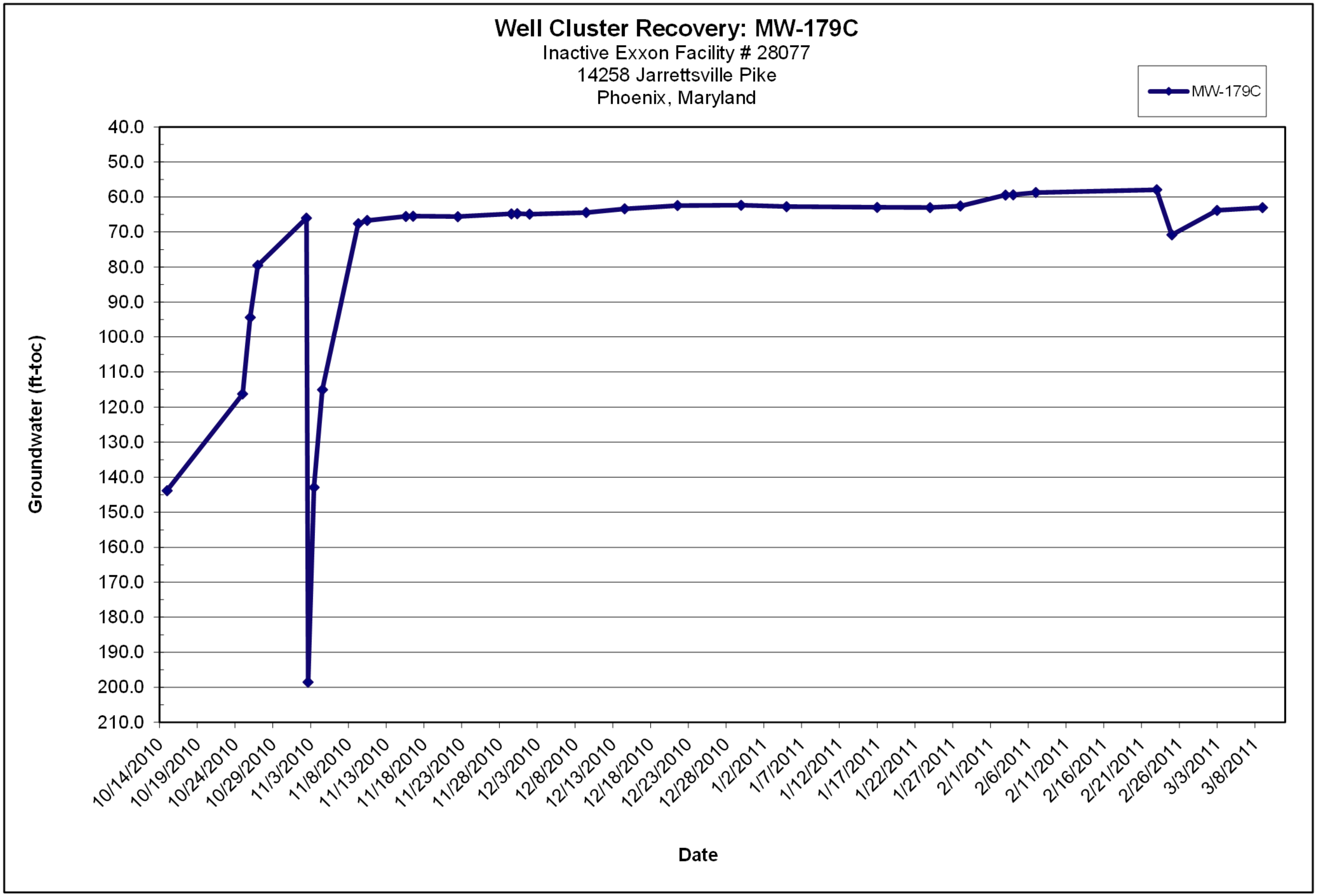
Well Cluster Recovery: MW-179A

Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, Maryland



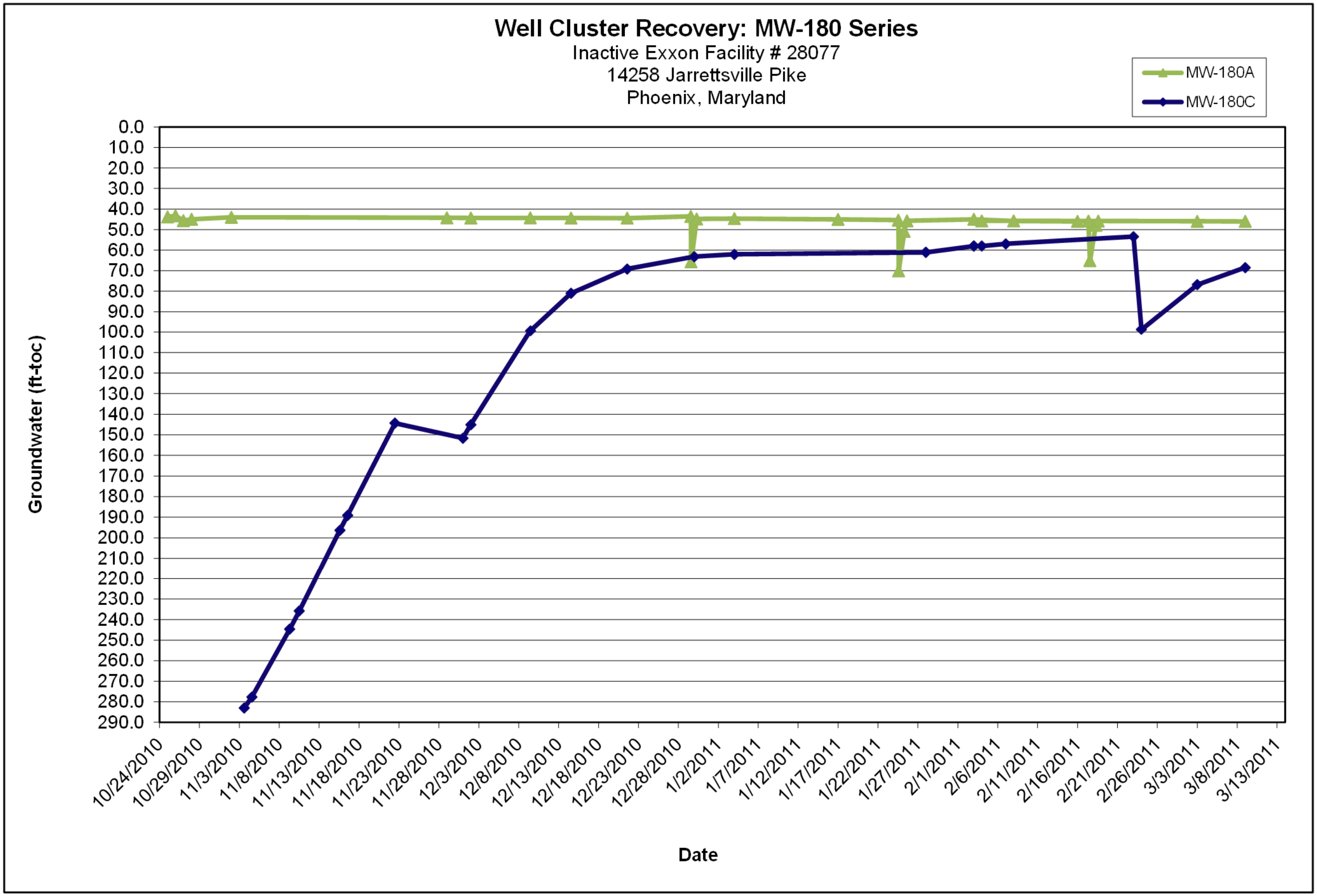
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



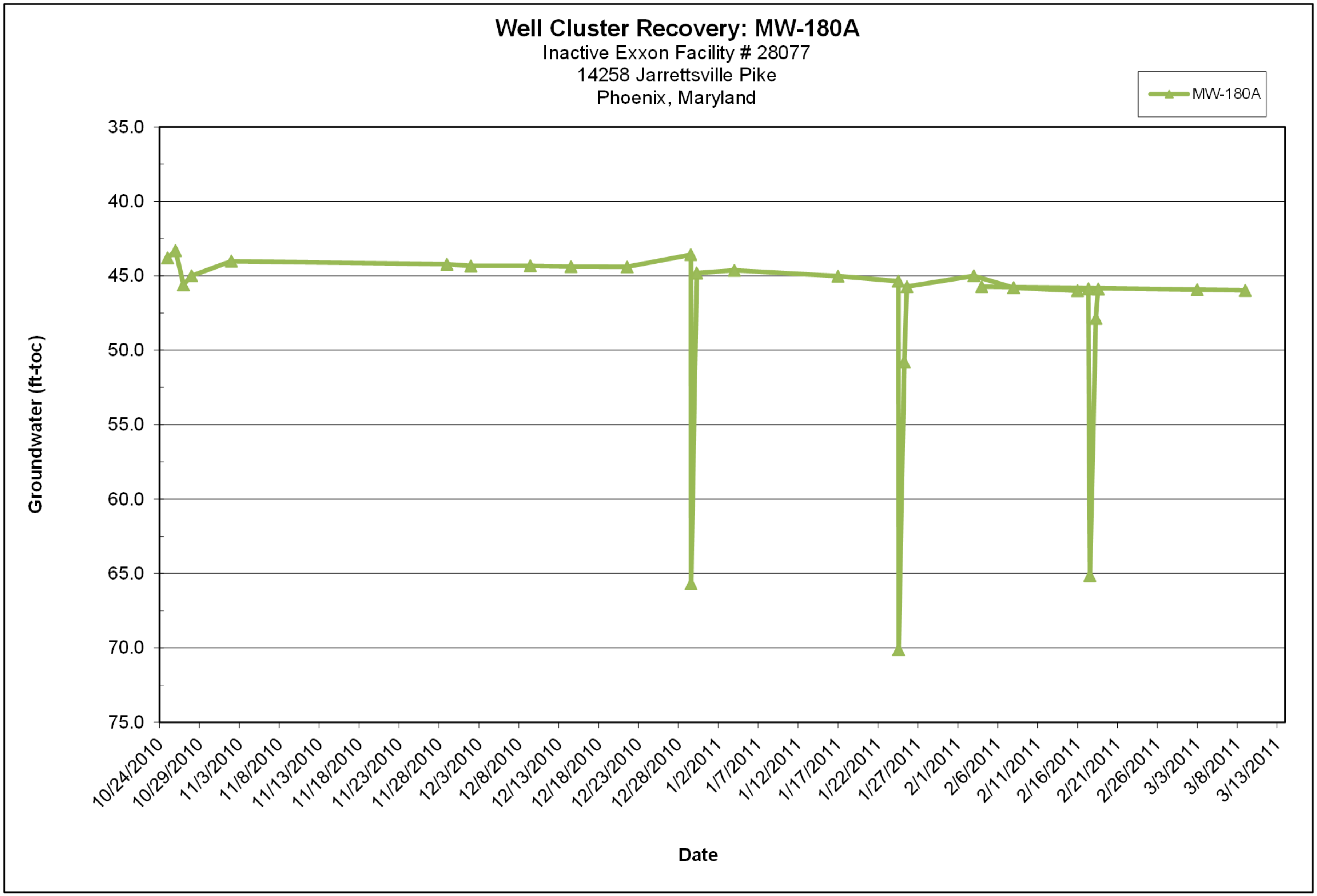
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



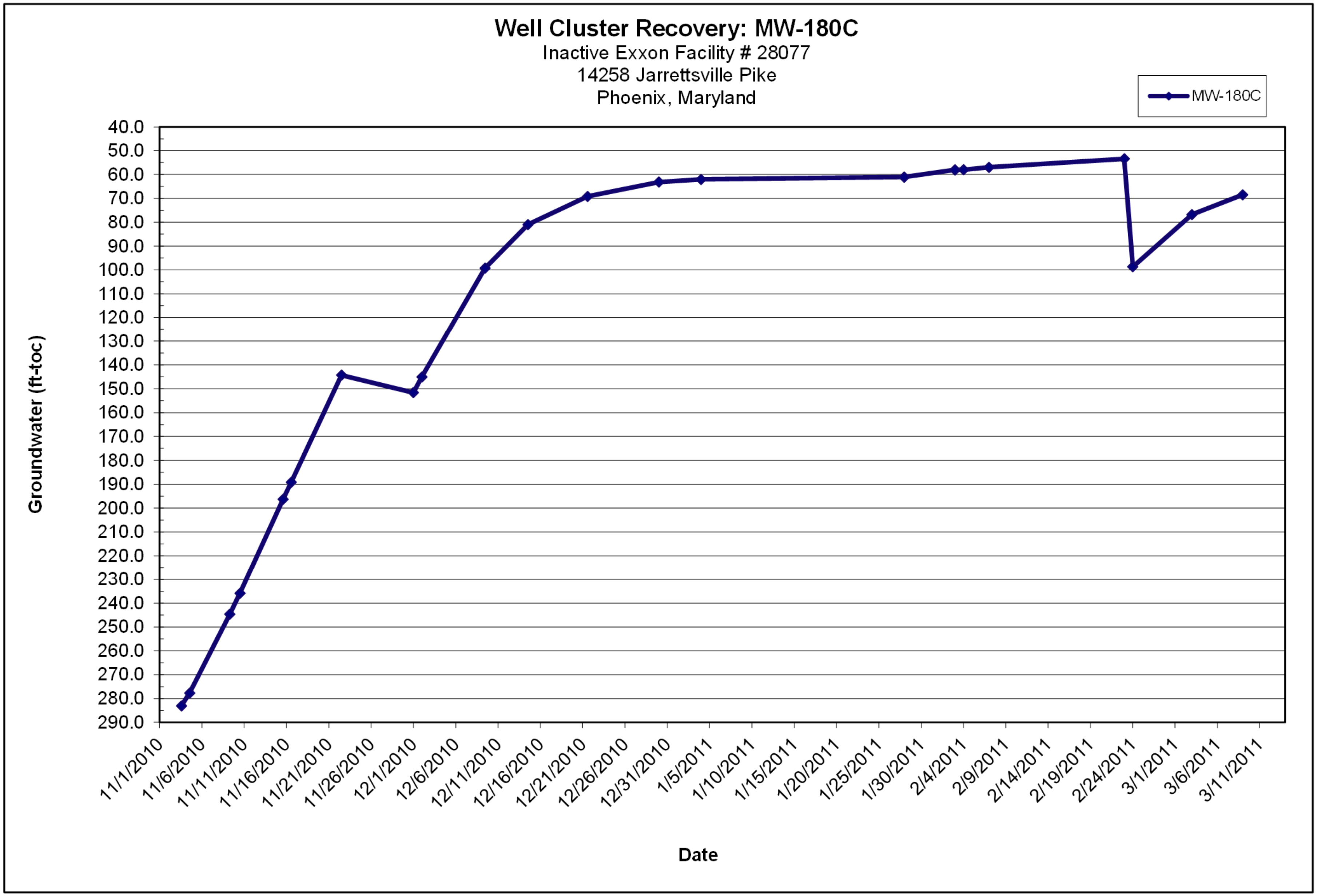
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



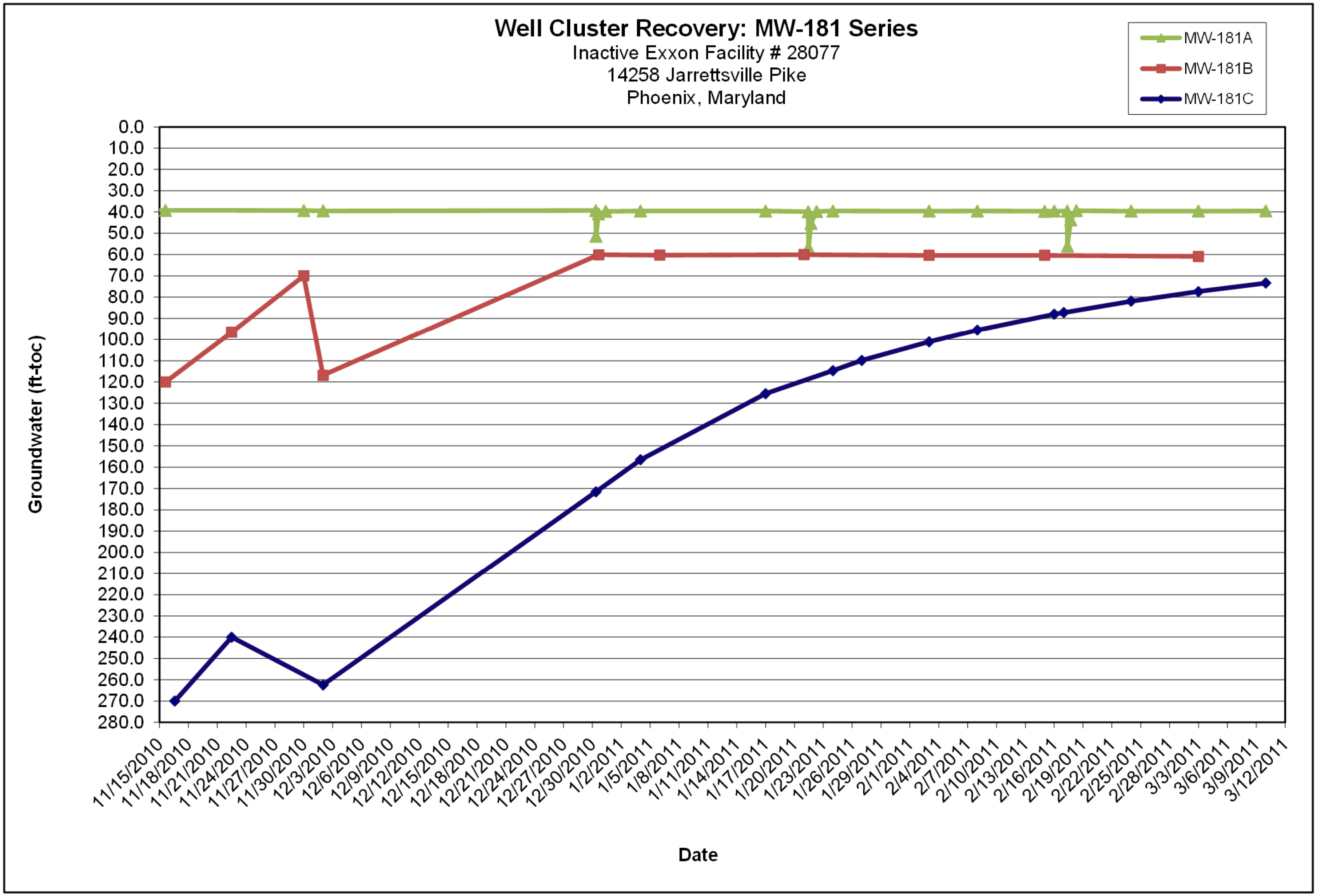
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



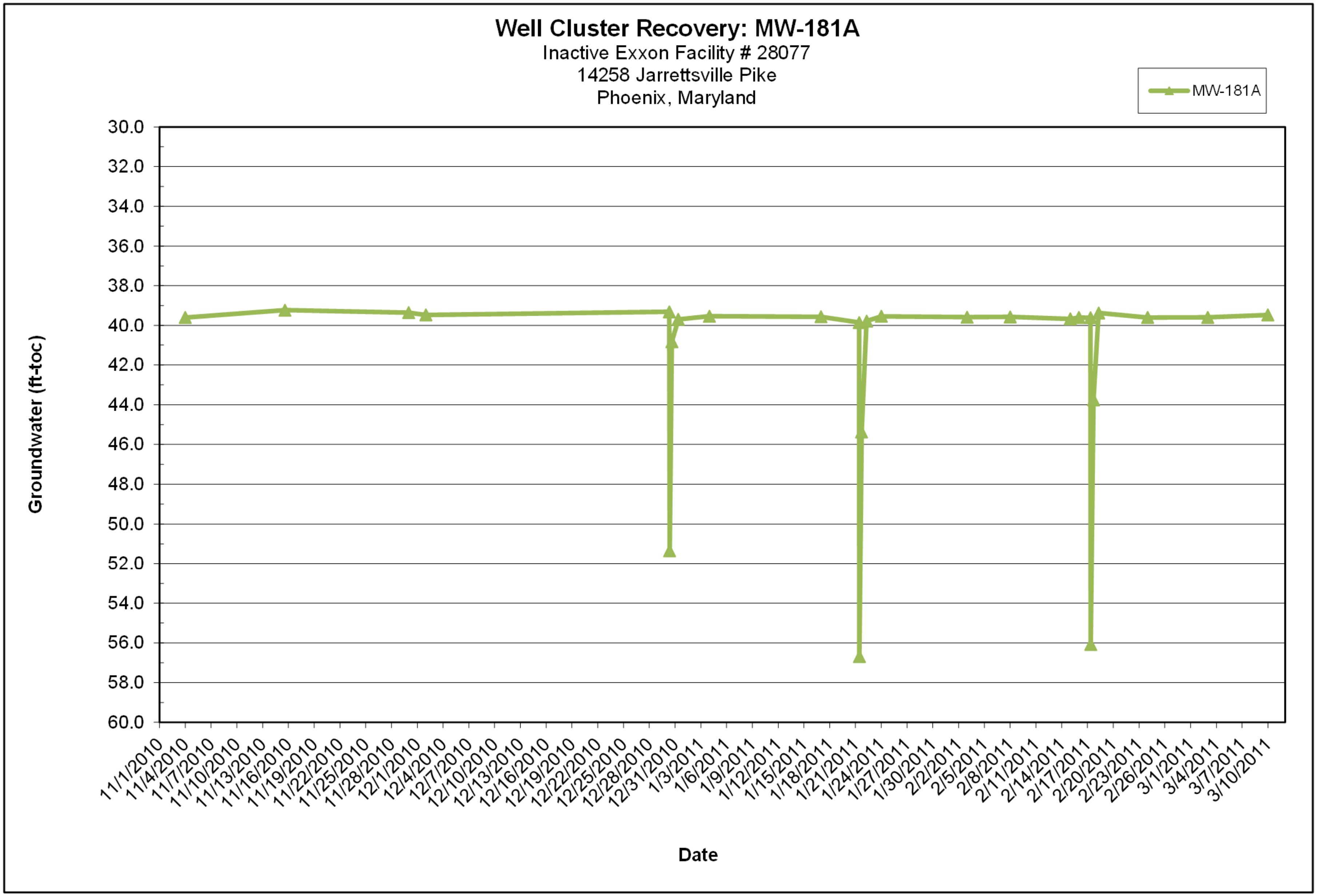
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



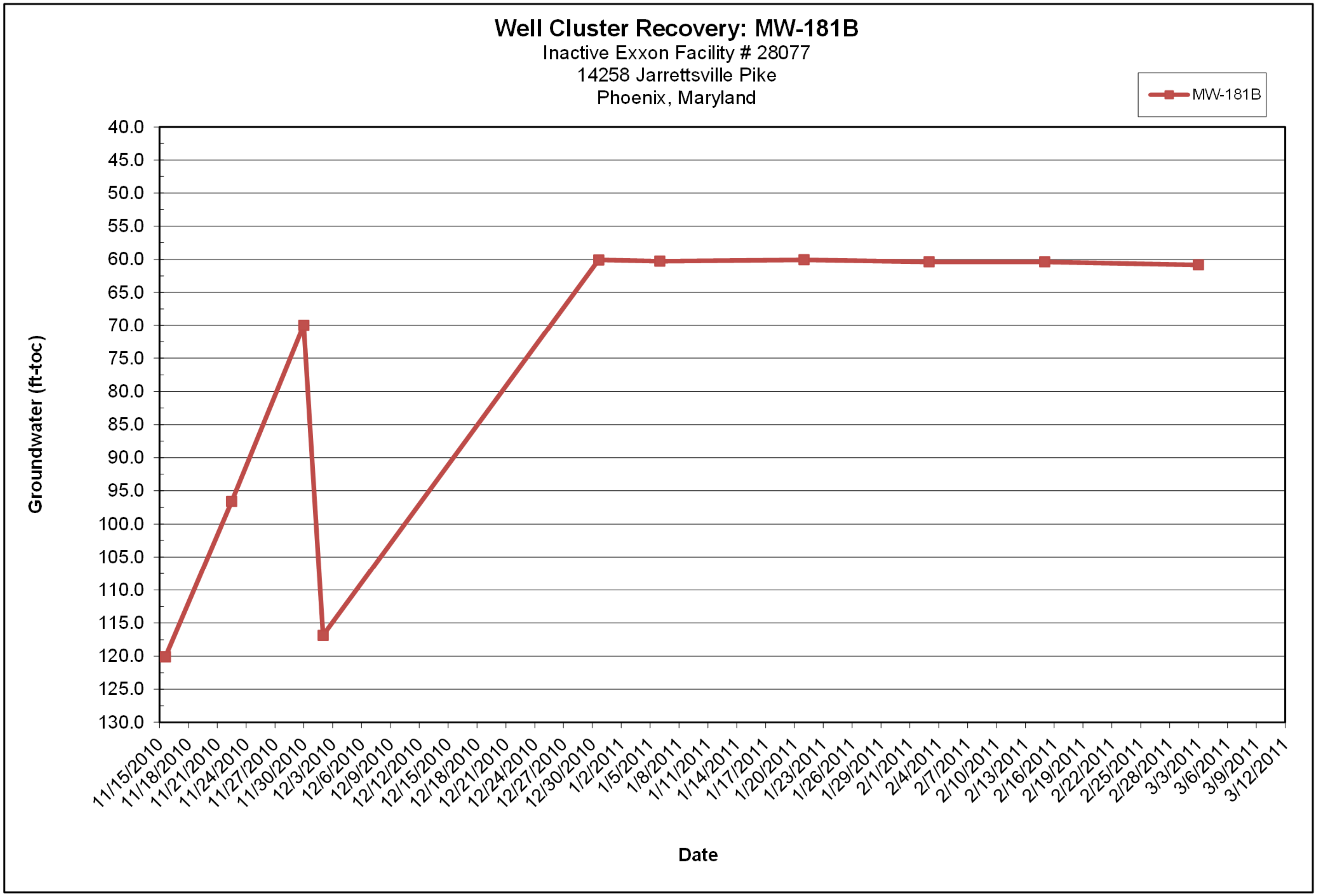
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



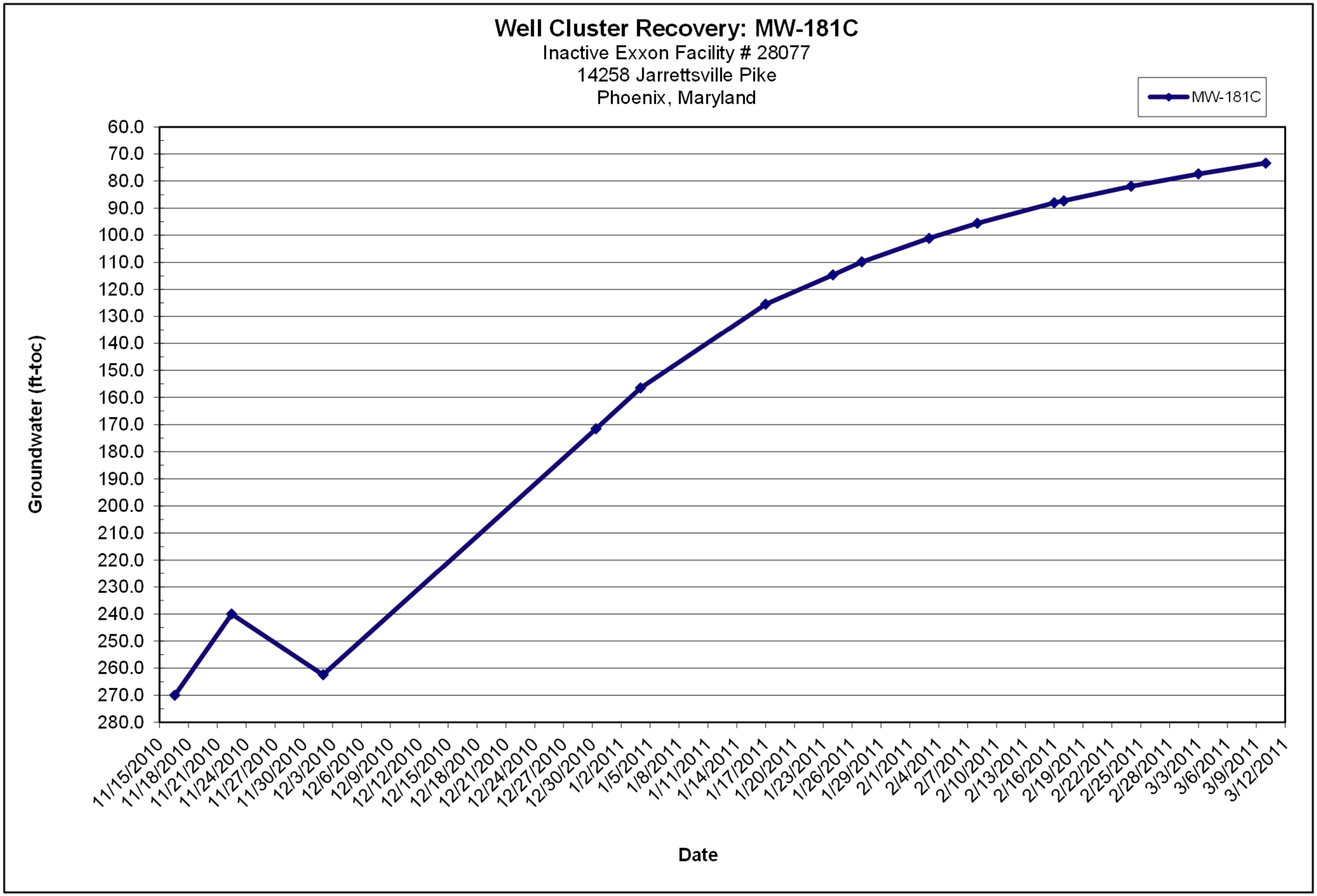
Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland



Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

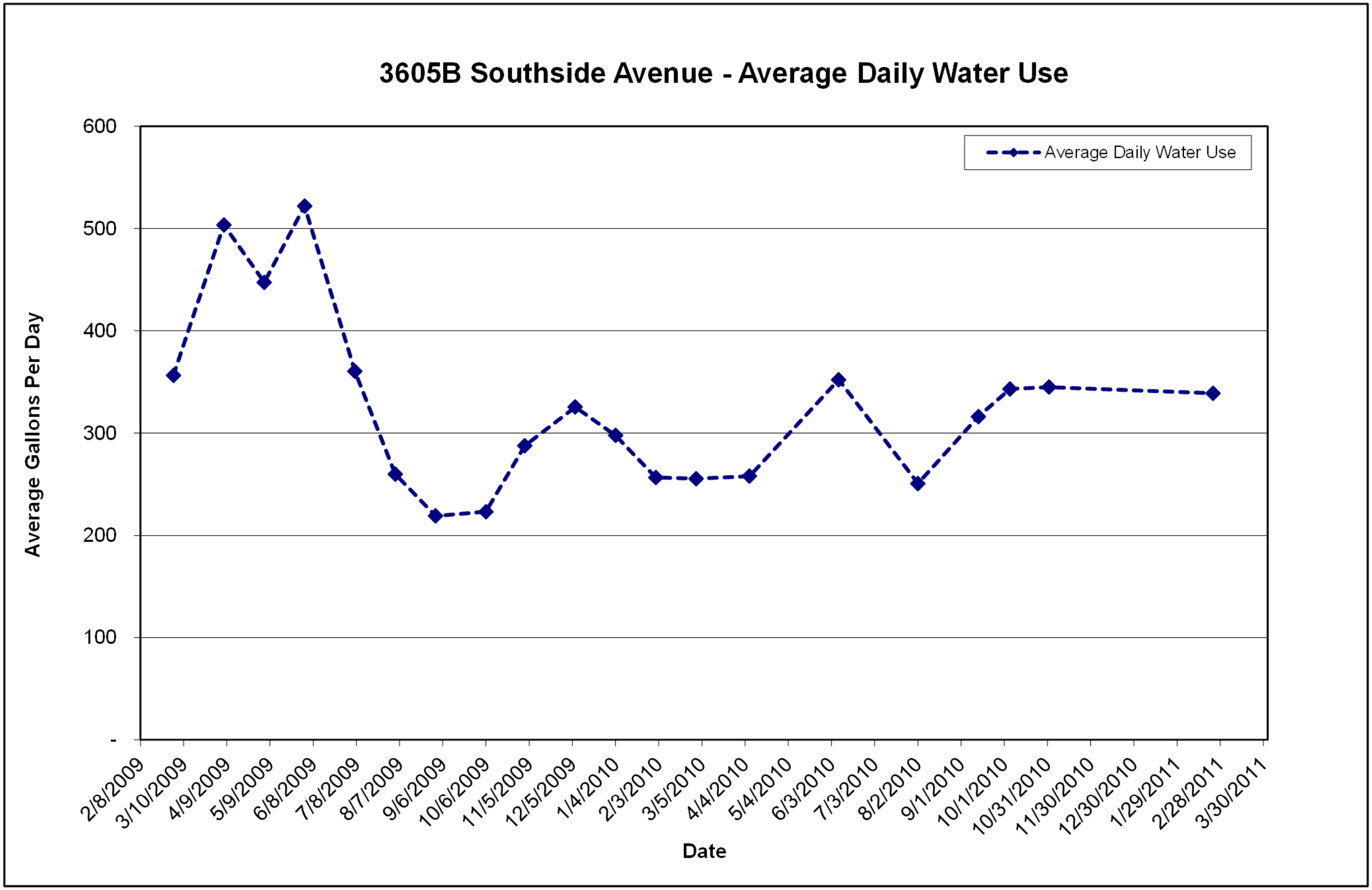


Notes:
ft-toc = feet below top of casing

Kleinfelder
1340 Charwood Road, Suite I
Hanover, Maryland

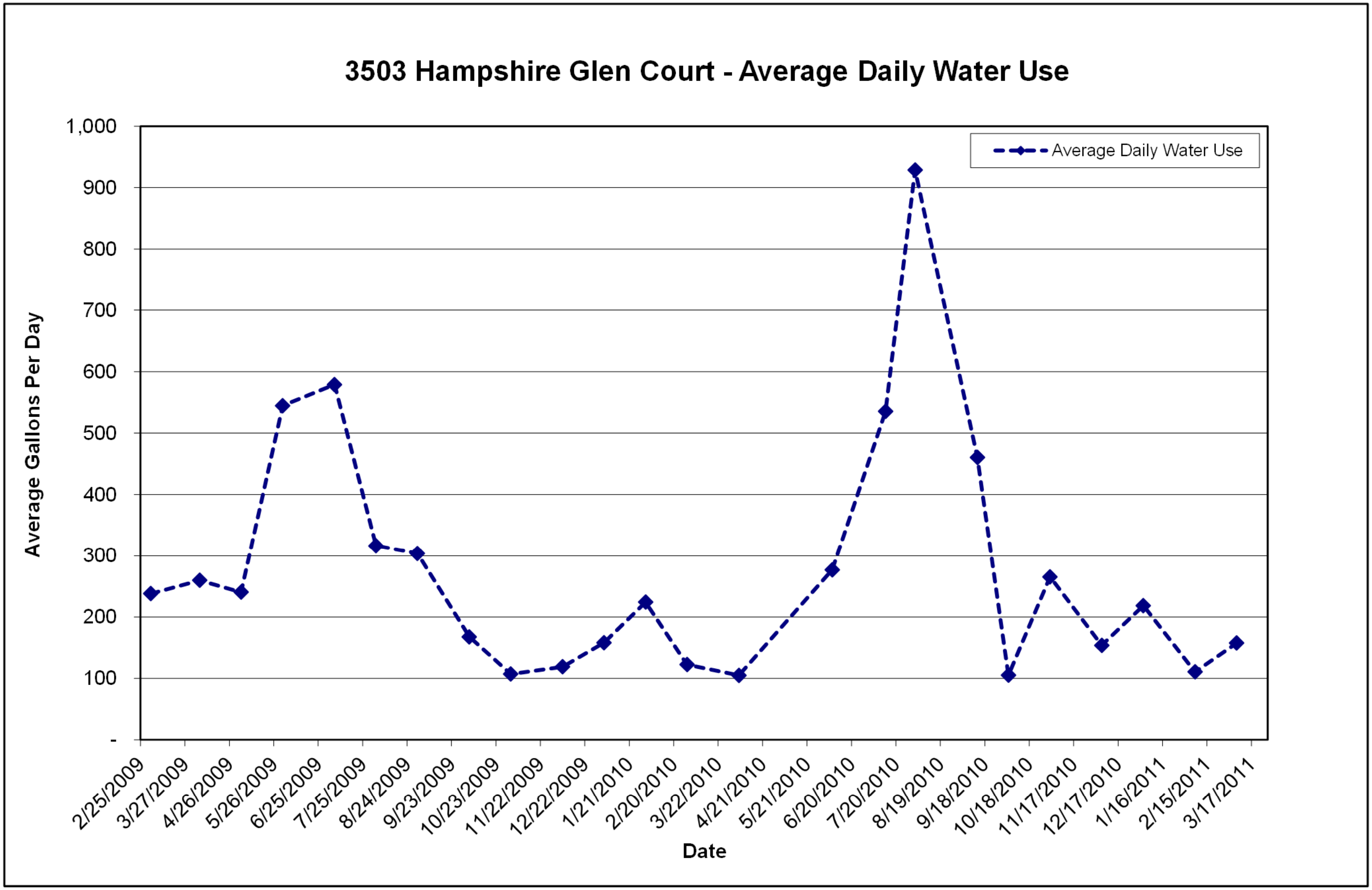
APPENDIX O
Private Supply Well Water Usage Plots

Water Usage Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



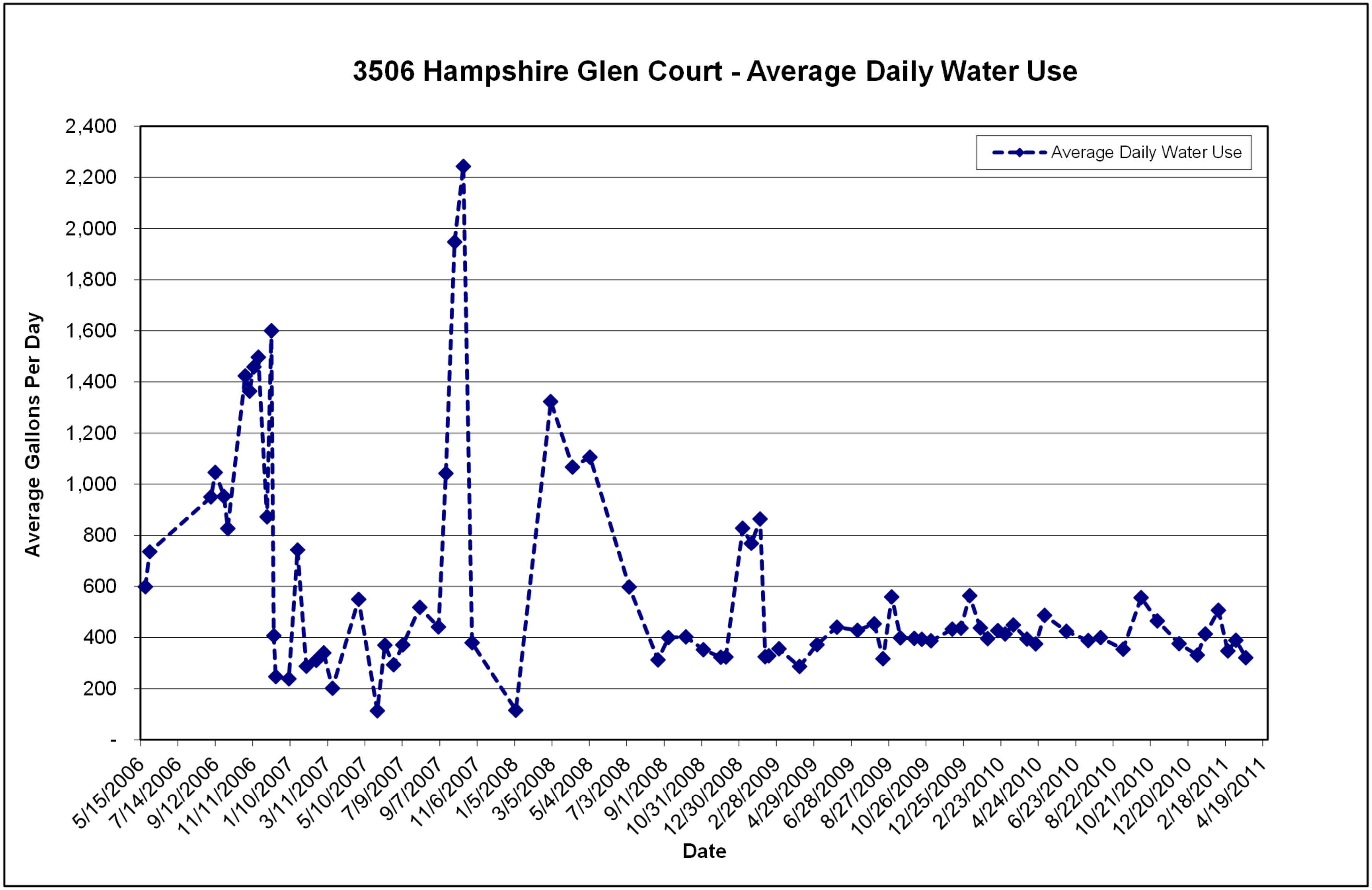
Klienfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Water Usage Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



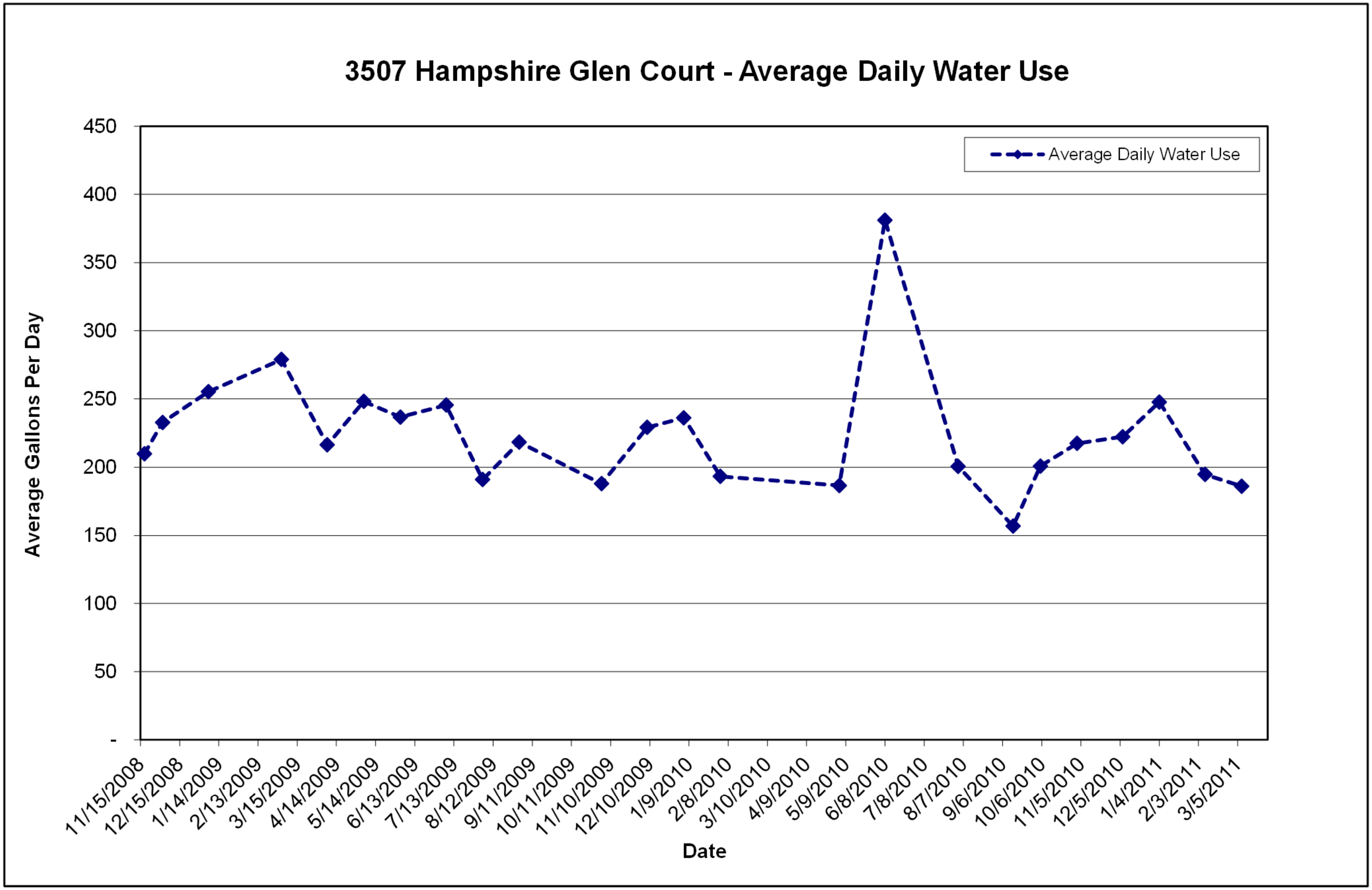
Klienfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Water Usage Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



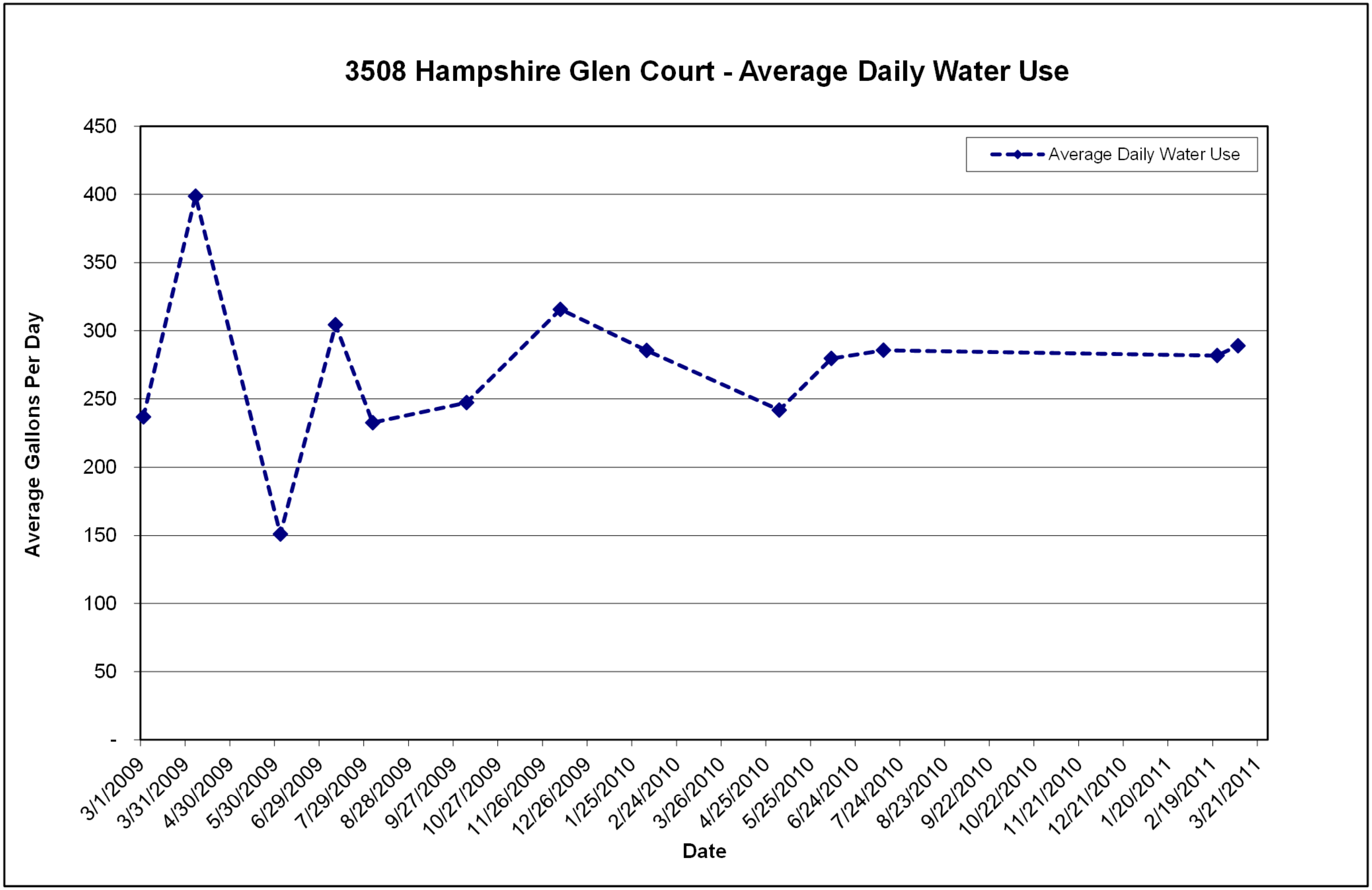
Klienfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Water Usage Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



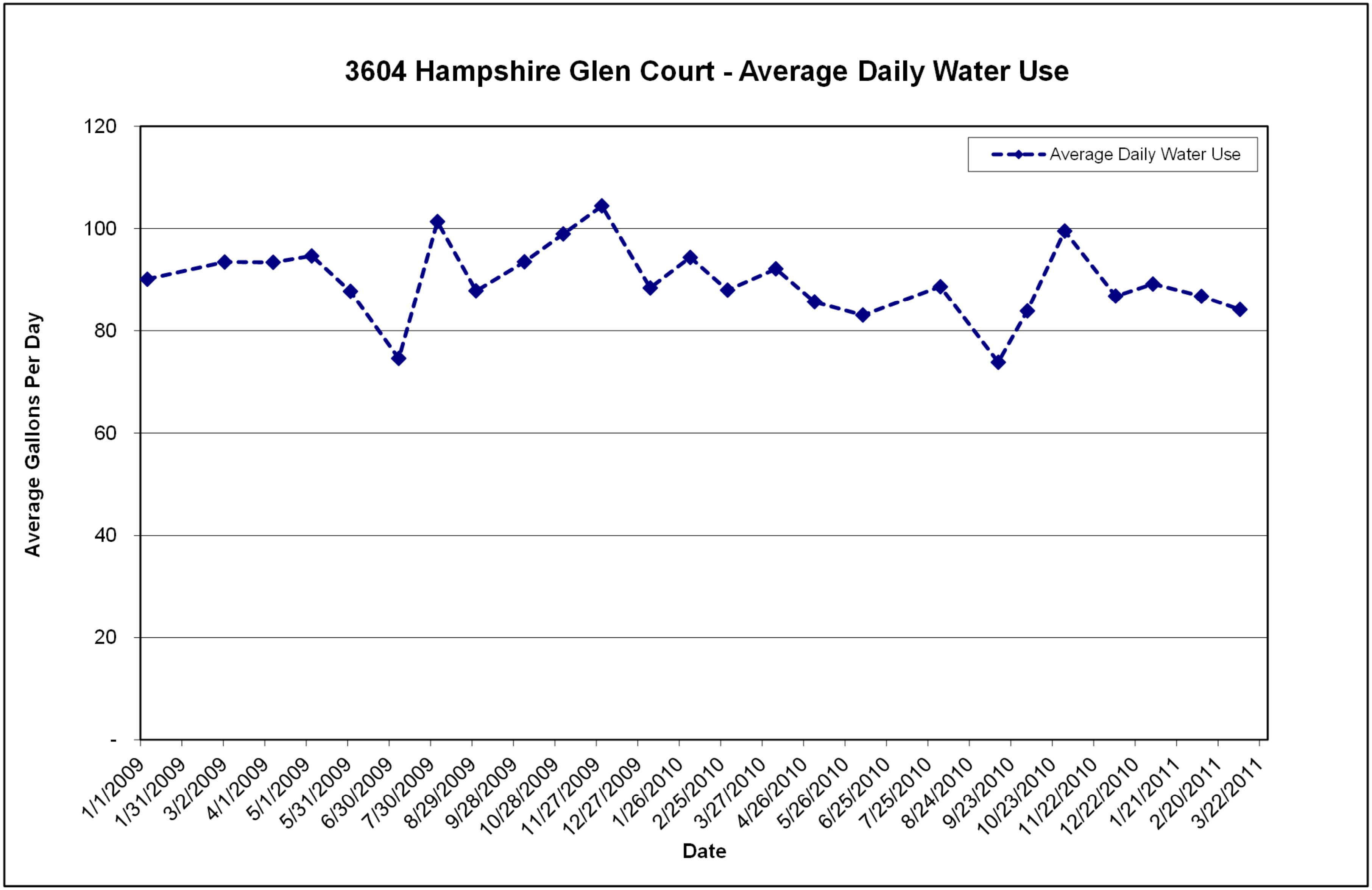
Klienfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Water Usage Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



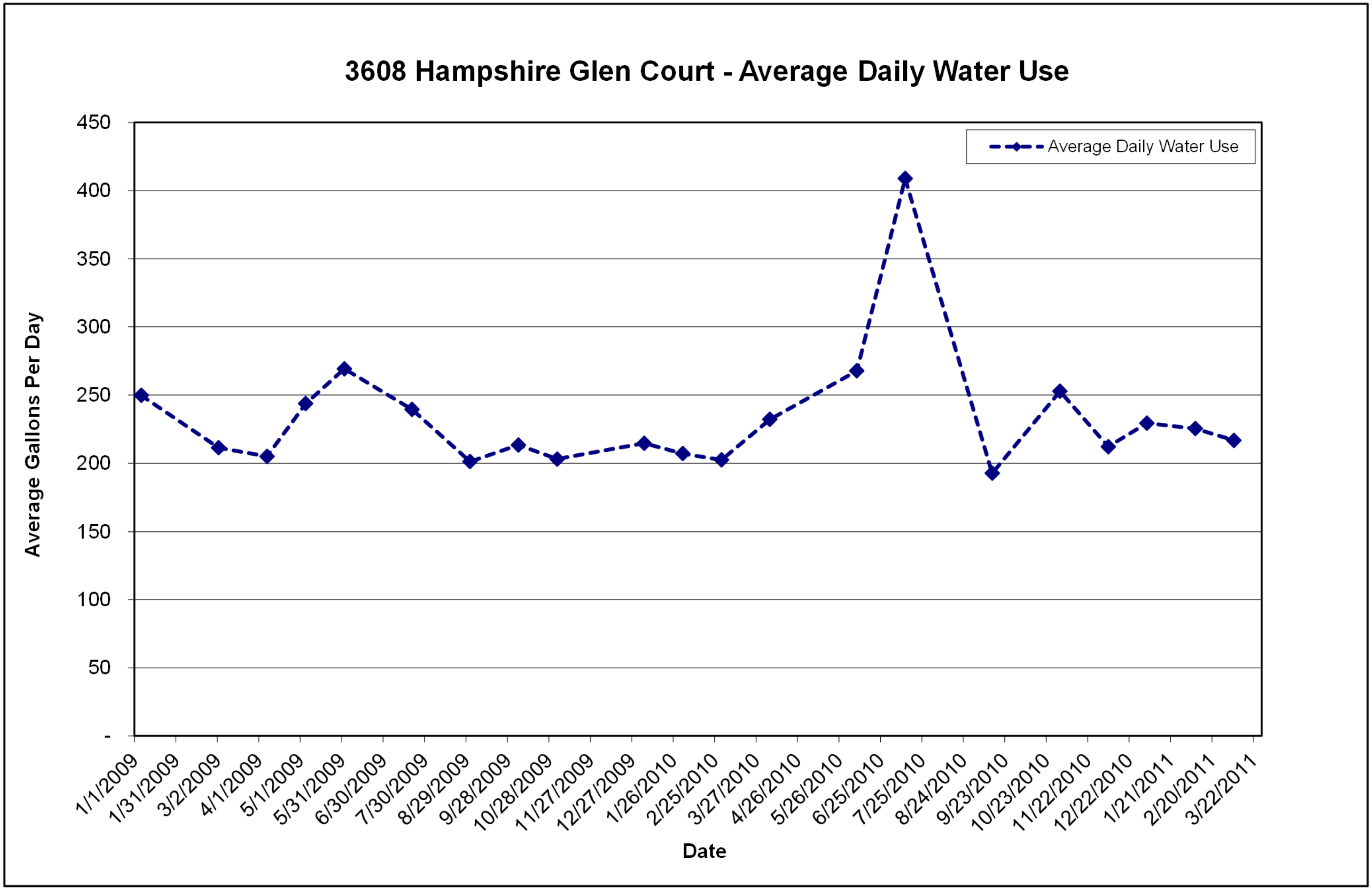
Klienfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Water Usage Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



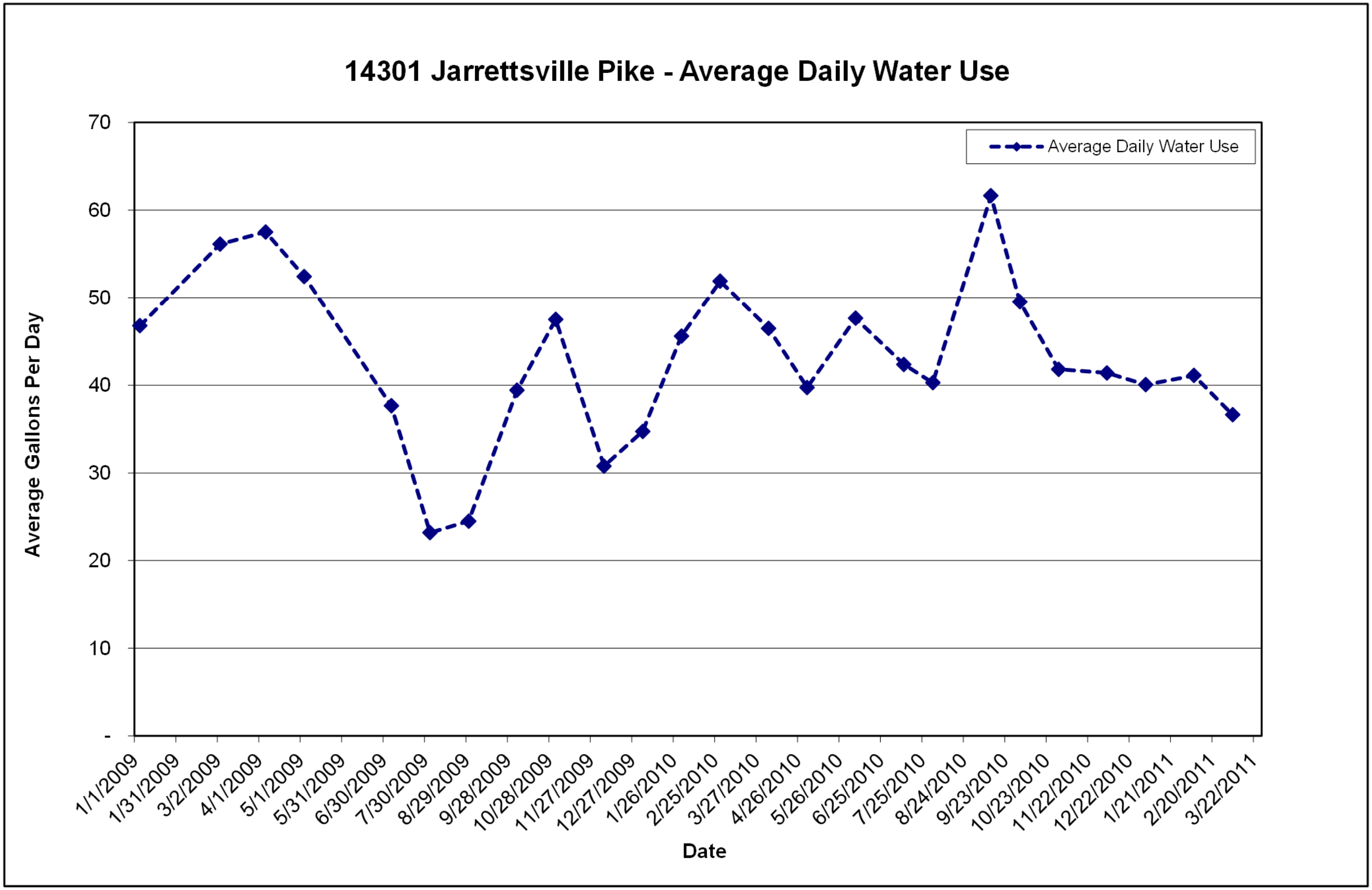
Klienfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Water Usage Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



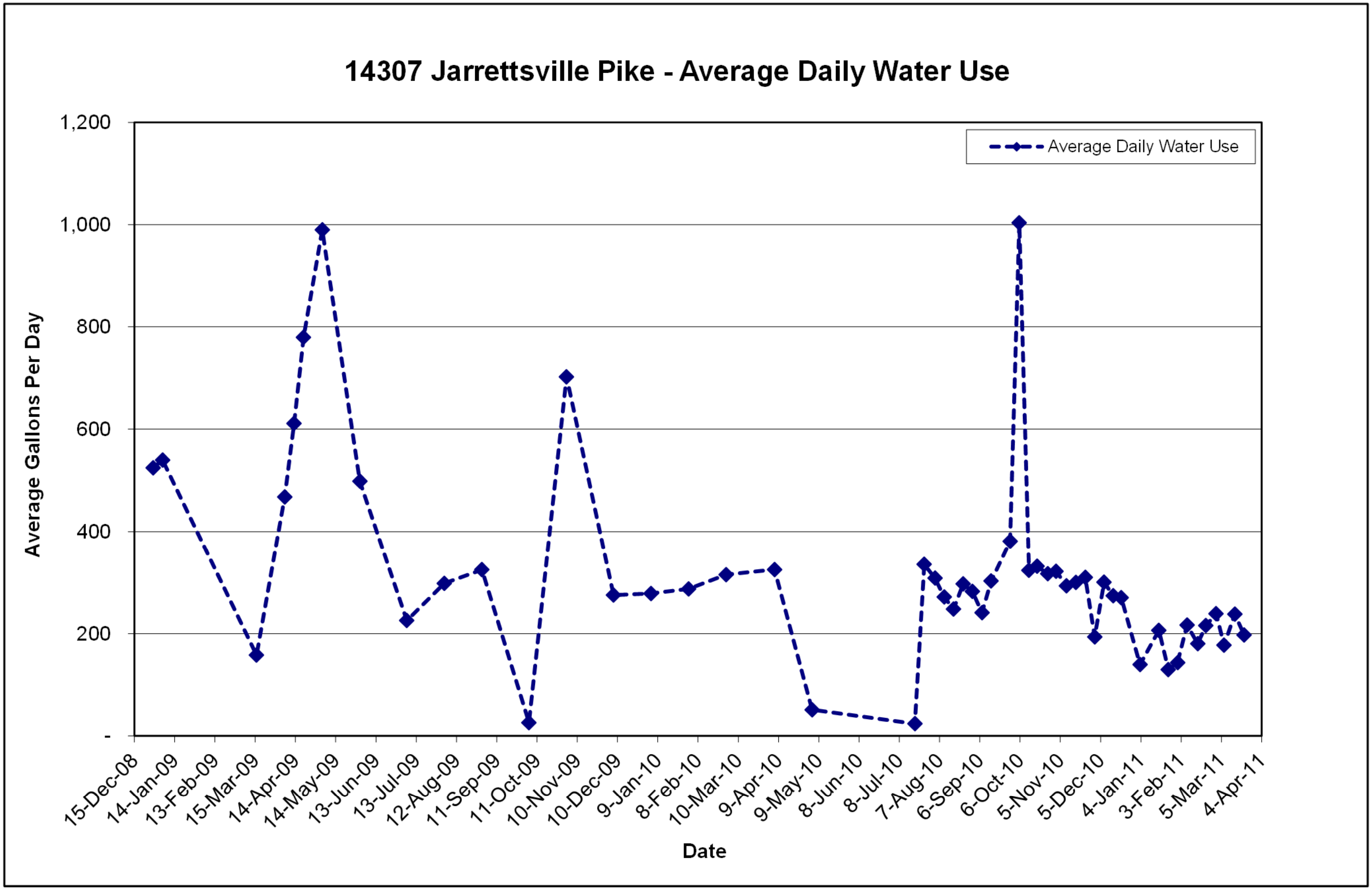
Klienfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Water Usage Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



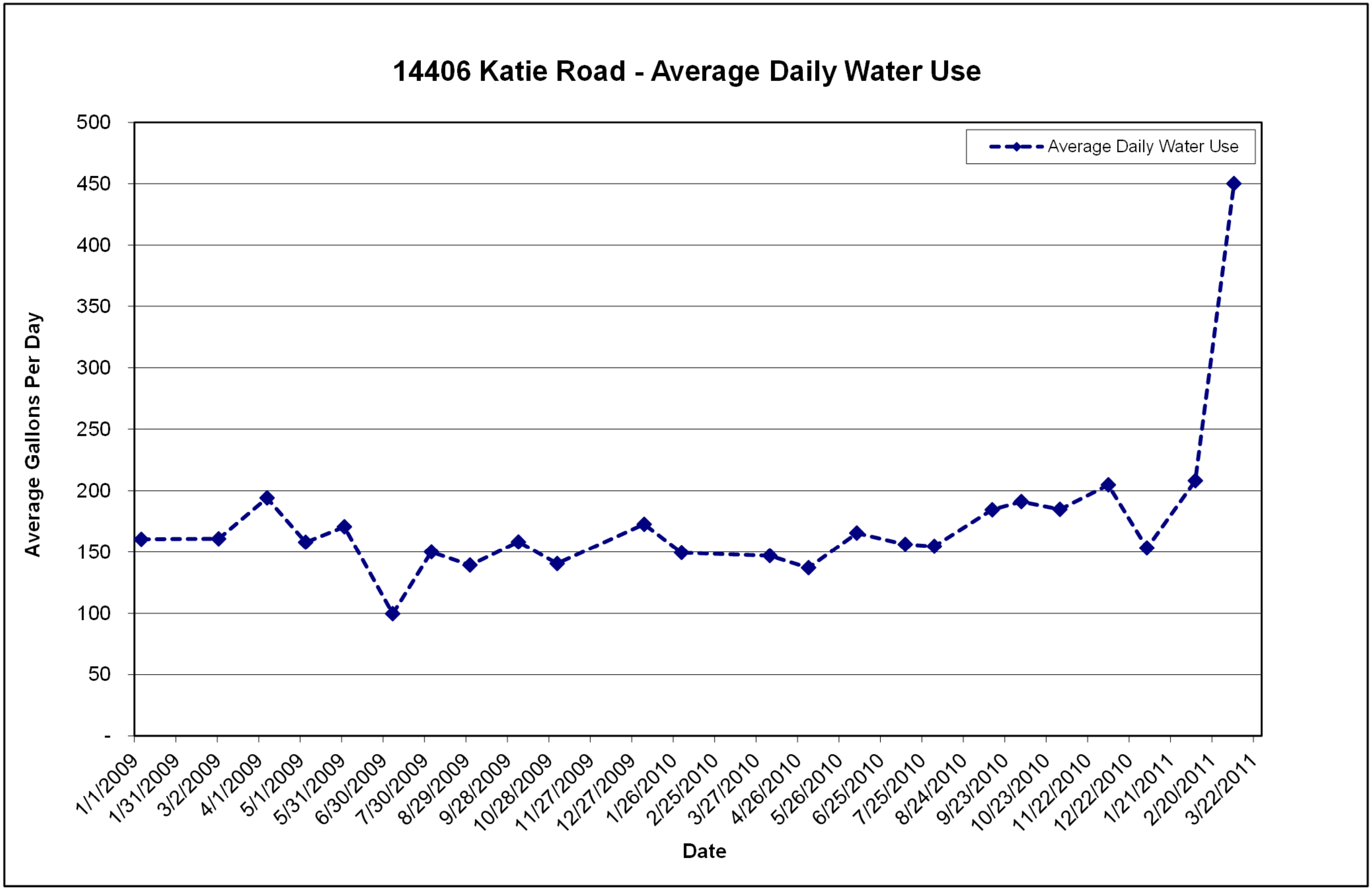
Klienfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Water Usage Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



Klienfelder
1340 Charwood Road, Suite I
Hanover, Maryland

Water Usage Summary
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



Klienfelder
1340 Charwood Road, Suite I
Hanover, Maryland

APPENDIX P
Near Northeast Area Supporting Laboratory Results
(On CD)

APPENDIX Q
Future Monitoring Well Network Sampling Proposal

Monitoring Well Sampling Frequency Summary

Details of the proposed future groundwater sampling program for existing wells are described in Table 1, Tables 2a through 2f, Table 3, and Figure 1. The proposed future monitoring program for existing wells is summarized below.

- Quarterly groundwater-level gauging of all network wells and monthly groundwater-level gauging of “A” and “P” series wells for potentiometric evaluation;
- Bi-Weekly groundwater sampling of 4 monitoring wells;
- Monthly groundwater sampling of 37 monitoring wells;
- Quarterly groundwater sampling of 183 monitoring wells and 2 surface water samples;
- Bi-Annual groundwater sampling of 20 monitoring wells;
- Annual groundwater sampling of 11 monitoring wells; and
- Continued annual *full-suite* analysis of volatile organic compounds for each well sampled.

Available data and established decreasing concentration trends support the proposed modifications to the current groundwater monitoring well sampling program based on:

- Groundwater has been sampled extensively for approximately four and a half years providing an extensive database;
- Groundwater remediation has effectively contained and controlled migration and reduced concentrations of gasoline-related constituents in groundwater;
- Groundwater concentration trends for most wells across the network have declined and continue to decline as a result of groundwater remediation efforts;
- Concentration trends associated with most other monitoring wells are relatively stable or below reporting limits; and
- The existing monitoring well network and sampling program effectively delineates the extent of dissolved-phase constituents and identifies areas requiring continued remedial focus.

Proposed Modifications to Current Weekly Sampling Program

The current weekly sampling schedule will be maintained with exception of 5 wells (listed below) proposed for monthly sampling.

Move to Monthly Sampling Schedule	
MW-36R	MW-170
MW-167	MW-171
MW-169	

Proposed Modifications to Current Bi-Weekly Sampling Program

The current bi-weekly sampling schedule will be maintained with exception of 10 wells (listed below) proposed for monthly sampling and 24 wells (listed below) proposed for quarterly sampling.

Move to Monthly Sampling Schedule		Move to Quarterly Sampling Schedule	
MW-108	MW-82R	MW-110	MW-57
MW-171C	MW-87	MW-121	MW-57P
MW-177	MW-89	MW-137	MW-58
MW-43B	MW-91	MW-138	MW-58P
MW-80A		MW-36	MW-58R
MW-80B		MW-36P	MW-59A
		MW-37P	MW-59D
		MW-38P	MW-74
		MW-43A	MW-75
		MW-45	MW-76
		MW-45P	MW-84
		MW-45R	MW-84P

Proposed Modifications to Current Monthly Sampling Program

The current monthly sampling schedule will be maintained with exception of 1 well (listed below) proposed for quarterly sampling.

Move to Quarterly Sampling Schedule
MW-47BB

Proposed Modifications to Current Quarterly Sampling Program

The current quarterly sampling schedule will be maintained with exception of 3 wells (listed below) proposed to be sampled on an annual basis, and 2 wells (listed below) proposed to be gauged only.

Move to Annual Sampling Schedule		Gauged Only	
MW-134A MW-134B	MW-94	MW-157P	MW-59B

Proposed Modifications to Current Bi-annual Sampling Schedule

The current bi-annual sampling schedule will be maintained with exception of 8 wells (listed below) to be sampled on an annual basis, and 8 wells (listed below) proposed to be gauged only.

Move to Annual Sampling Schedule		Gauged Only	
MW-129A	MW-42A	MW-128A	MW-150B
MW-129B	MW-42B	MW-128B	MW-99A
MW-148A	MW-93	MW-136	MW-99B
MW-148B	MW-93B	MW-150A	POND01*

*No longer sampled, cannot be gauged

TABLES

Table 1
Proposed Monitoring Well Network Sampling Frequency
Comprehensive List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-1	Quarterly	Quarterly
MW-100A	Quarterly	Quarterly
MW-100B	Quarterly	Quarterly
MW-101A	Quarterly	Quarterly
MW-101B	Quarterly	Quarterly
MW-102	Quarterly	Quarterly
MW-103	Quarterly	Quarterly
MW-104	Gauged Only	Gauged Only
MW-105	Quarterly	Quarterly
MW-106	Quarterly	Quarterly
MW-107	Quarterly	Quarterly
MW-108	Bi-Weekly	Monthly
MW-109	Quarterly	Quarterly
MW-110	Bi-Weekly	Quarterly
MW-111	Quarterly	Quarterly
MW-112	Quarterly	Quarterly
MW-113	Quarterly	Quarterly
MW-114	Bi-Annual	Bi-Annual
MW-116	Quarterly	Quarterly
MW-117	Quarterly	Quarterly
MW-118	Quarterly	Quarterly
MW-119	Quarterly	Quarterly
MW-12	Quarterly	Quarterly
MW-120	Quarterly	Quarterly
MW-121	Bi-Weekly	Quarterly
MW-122	Quarterly	Quarterly
MW-123	Quarterly	Quarterly
MW-124	Quarterly	Quarterly
MW-125	Quarterly	Quarterly
MW-126	Quarterly	Quarterly
MW-127	Monthly	Monthly
MW-128A	Bi-Annual	Gauged Only
MW-128B	Bi-Annual	Gauged Only
MW-128C	Quarterly	Quarterly
MW-129A	Bi-Annual	Annual
MW-129B	Bi-Annual	Annual
MW-13	Quarterly	Quarterly
MW-130	Bi-Annual	Bi-Annual
MW-131A	Monthly	Monthly
MW-131B	Monthly	Monthly
MW-131C	Quarterly	Quarterly
MW-132A	Quarterly	Quarterly
MW-132B	Quarterly	Quarterly
MW-133A	Bi-Annual	Bi-Annual
MW-133B	Bi-Annual	Bi-Annual
MW-133C	Quarterly	Quarterly
MW-134A	Quarterly	Annual

Table 1
Proposed Monitoring Well Network Sampling Frequency
Comprehensive List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-134B	Quarterly	Annual
MW-135A	Bi-Annual	Bi-Annual
MW-135B	Bi-Annual	Bi-Annual
MW-135C	Quarterly	Quarterly
MW-136	Bi-Annual	Gauged Only
MW-137	Bi-Weekly	Quarterly
MW-138	Bi-Weekly	Quarterly
MW-139	Quarterly	Quarterly
MW-13P	Gauged Only	Gauged Only
MW-14	Quarterly	Quarterly
MW-140A	Quarterly	Quarterly
MW-140B	Quarterly	Quarterly
MW-141A	Quarterly	Quarterly
MW-141B	Quarterly	Quarterly
MW-141C	Quarterly	Quarterly
MW-142	Quarterly	Quarterly
MW-143	Quarterly	Quarterly
MW-144	Quarterly	Quarterly
MW-145P	Gauged Only	Gauged Only
MW-146	Quarterly	Quarterly
MW-147PA	Gauged Only	Gauged Only
MW-147PB	Quarterly	Quarterly
MW-147PC	Gauged Only	Gauged Only
MW-148A	Bi-Annual	Annual
MW-148B	Bi-Annual	Annual
MW-149	Bi-Annual	Bi-Annual
MW-15	Bi-Annual	Bi-Annual
MW-150A	Bi-Annual	Gauged Only
MW-150B	Bi-Annual	Gauged Only
MW-151	Quarterly	Quarterly
MW-152	Quarterly	Quarterly
MW-153A	Quarterly	Quarterly
MW-153B	Quarterly	Quarterly
MW-154	Quarterly	Quarterly
MW-155	Gauged Only	Gauged Only
MW-156	Quarterly	Quarterly
MW-157P	Quarterly	Gauged Only
MW-158P	Quarterly	Quarterly
MW-159	Quarterly	Quarterly
MW-16	Quarterly	Quarterly
MW-160	Quarterly	Quarterly
MW-161	Quarterly	Quarterly
MW-162A	Quarterly	Quarterly
MW-162B	Quarterly	Quarterly
MW-162C	Quarterly	Quarterly
MW-163B	Quarterly	Quarterly
MW-164B	Quarterly	Quarterly

Table 1
Proposed Monitoring Well Network Sampling Frequency
Comprehensive List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-165C	Quarterly	Quarterly
MW-166A	Quarterly	Quarterly
MW-166B	Quarterly	Quarterly
MW-166C	Quarterly	Quarterly
MW-167	Weekly	Monthly
MW-168	Weekly	Weekly
MW-169	Weekly	Monthly
MW-16R	Quarterly	Quarterly
MW-17	Quarterly	Quarterly
MW-170	Weekly	Monthly
MW-171	Weekly	Monthly
MW-171C	Bi-Weekly	Monthly
MW-172C	Monthly	Monthly
MW-173B	Quarterly	Quarterly
MW-173C	Quarterly	Quarterly
MW-174B	Quarterly	Quarterly
MW-174C	Quarterly	Quarterly
MW-175C	Quarterly	Quarterly
MW-176	Weekly	Weekly
MW-177	Bi-Weekly	Monthly
MW-178A	Monthly	Monthly
MW-178B	Monthly	Monthly
MW-178C	Weekly	Weekly
MW-179A	Monthly	Monthly
MW-179C	Monthly	Monthly
MW-180A	Monthly	Monthly
MW-180C	Monthly	Monthly
MW-181A	Monthly	Monthly
MW-181B	Monthly	Monthly
MW-181C	Monthly	Monthly
MW-19	Quarterly	Quarterly
MW-1A	Quarterly	Quarterly
MW-2	Quarterly	Quarterly
MW-20	Bi-Annual	Bi-Annual
MW-21	Quarterly	Quarterly
MW-22	Quarterly	Quarterly
MW-23	Quarterly	Quarterly
MW-24	Quarterly	Quarterly
MW-25	Quarterly	Quarterly
MW-26	Quarterly	Quarterly
MW-27	Quarterly	Quarterly
MW-27P	Gauged Only	Gauged Only
MW-27R	Quarterly	Quarterly
MW-28	Quarterly	Quarterly
MW-29	Quarterly	Quarterly
MW-2A	Quarterly	Quarterly
MW-3	Quarterly	Quarterly

Table 1
Proposed Monitoring Well Network Sampling Frequency
Comprehensive List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-30	Quarterly	Quarterly
MW-30P	Gauged Only	Gauged Only
MW-31	Quarterly	Quarterly
MW-32	Quarterly	Quarterly
MW-33	Quarterly	Quarterly
MW-33P	Gauged Only	Gauged Only
MW-34	Quarterly	Quarterly
MW-34P	Gauged Only	Gauged Only
MW-35	Quarterly	Quarterly
MW-36	Bi-Weekly	Quarterly
MW-36C	Monthly	Monthly
MW-36P	Bi-Weekly	Quarterly
MW-36R	Weekly	Monthly
MW-37	Bi-Weekly	Bi-Weekly
MW-37P	Bi-Weekly	Quarterly
MW-38	Bi-Weekly	Bi-Weekly
MW-38P	Bi-Weekly	Quarterly
MW-39	Quarterly	Quarterly
MW-3P	Gauged Only	Gauged Only
MW-4	Quarterly	Quarterly
MW-40	Quarterly	Quarterly
MW-41A	Bi-Annual	Bi-Annual
MW-41B	Bi-Annual	Bi-Annual
MW-41C(120-130)	Quarterly	Quarterly
MW-41C(190-195)	Quarterly	Quarterly
MW-41C(75-80)	Quarterly	Quarterly
MW-41C(95-97)	Quarterly	Quarterly
MW-42A	Bi-Annual	Annual
MW-42B	Bi-Annual	Annual
MW-42C	Quarterly	Quarterly
MW-43A	Bi-Weekly	Quarterly
MW-43B	Bi-Weekly	Monthly
MW-44	Quarterly	Quarterly
MW-45	Bi-Weekly	Quarterly
MW-45P	Bi-Weekly	Quarterly
MW-45R	Bi-Weekly	Quarterly
MW-46	Quarterly	Quarterly
MW-47A	Quarterly	Quarterly
MW-47B	Quarterly	Quarterly
MW-47BB	Monthly	Quarterly
MW-47C	Monthly	Monthly
MW-48A	Bi-Annual	Bi-Annual
MW-48B	Bi-Annual	Bi-Annual
MW-49	Quarterly	Quarterly
MW-4A	Quarterly	Quarterly
MW-5	Quarterly	Quarterly
MW-50	Quarterly	Quarterly

Table 1
Proposed Monitoring Well Network Sampling Frequency
Comprehensive List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-50B	Quarterly	Quarterly
MW-50C	Quarterly	Quarterly
MW-51	Quarterly	Quarterly
MW-52	Quarterly	Quarterly
MW-53A	Quarterly	Quarterly
MW-53B	Quarterly	Quarterly
MW-53C(215-220)	Quarterly	Quarterly
MW-53C(225-235)	Quarterly	Quarterly
MW-54	Weekly	Weekly
MW-55	Quarterly	Quarterly
MW-56A	Quarterly	Quarterly
MW-56B	Quarterly	Quarterly
MW-56C(100-110)	Quarterly	Quarterly
MW-56C(310-315)	Quarterly	Quarterly
MW-56C(320-325)	Quarterly	Quarterly
MW-57	Bi-Weekly	Quarterly
MW-57P	Bi-Weekly	Quarterly
MW-58	Bi-Weekly	Quarterly
MW-58P	Bi-Weekly	Quarterly
MW-58R	Bi-Weekly	Quarterly
MW-59A	Bi-Weekly	Quarterly
MW-59B	Quarterly	Gauged Only
MW-59D	Bi-Weekly	Quarterly
MW-6	Quarterly	Quarterly
MW-60	Quarterly	Quarterly
MW-61A	Bi-Annual	Bi-Annual
MW-61B	Quarterly	Quarterly
MW-62A	Quarterly	Quarterly
MW-62B	Bi-Annual	Bi-Annual
MW-63	Monthly	Monthly
MW-64	Monthly	Monthly
MW-65	Monthly	Monthly
MW-66	Quarterly	Quarterly
MW-67	Bi-Annual	Bi-Annual
MW-68	Quarterly	Quarterly
MW-69	Quarterly	Quarterly
MW-6P	Gauged Only	Gauged Only
MW-7	Quarterly	Quarterly
MW-70	Quarterly	Quarterly
MW-71	Quarterly	Quarterly
MW-72	Quarterly	Quarterly
MW-73	Bi-Weekly	Bi-Weekly
MW-74	Bi-Weekly	Quarterly
MW-75	Bi-Weekly	Quarterly
MW-76	Bi-Weekly	Quarterly
MW-76P	Gauged Only	Gauged Only
MW-77A	Quarterly	Quarterly

Table 1
Proposed Monitoring Well Network Sampling Frequency
Comprehensive List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-77B	Quarterly	Quarterly
MW-77R	Quarterly	Quarterly
MW-78A	Bi-Annual	Bi-Annual
MW-78B	Quarterly	Quarterly
MW-78C(60-70)	Quarterly	Quarterly
MW-78R	Quarterly	Quarterly
MW-79	Gauged Only	Gauged Only
MW-8	Quarterly	Quarterly
MW-80A	Bi-Weekly	Monthly
MW-80B	Bi-Weekly	Monthly
MW-81	Quarterly	Quarterly
MW-82	Quarterly	Quarterly
MW-82R	Bi-Weekly	Monthly
MW-83	Quarterly	Quarterly
MW-83R	Bi-Annual	Bi-Annual
MW-84	Bi-Weekly	Quarterly
MW-84P	Bi-Weekly	Quarterly
MW-85	Quarterly	Quarterly
MW-85P	Gauged Only	Gauged Only
MW-86	Quarterly	Quarterly
MW-86P	Gauged Only	Gauged Only
MW-87	Bi-Weekly	Monthly
MW-87P	Gauged Only	Gauged Only
MW-88	Quarterly	Quarterly
MW-88P	Gauged Only	Gauged Only
MW-89	Bi-Weekly	Monthly
MW-9	Quarterly	Quarterly
MW-90	Quarterly	Quarterly
MW-91	Bi-Weekly	Monthly
MW-91C	Weekly	Weekly
MW-91D	Monthly	Monthly
MW-92	Bi-Annual	Bi-Annual
MW-92A	Quarterly	Quarterly
MW-92C	Quarterly	Quarterly
MW-93	Bi-Annual	Annual
MW-93B	Bi-Annual	Annual
MW-93C	Quarterly	Quarterly
MW-94	Quarterly	Annual
MW-95	Quarterly	Quarterly
MW-95B	Quarterly	Quarterly
MW-96A	Monthly	Monthly
MW-96B	Quarterly	Quarterly
MW-97	Bi-Annual	Bi-Annual

Table 1
Proposed Monitoring Well Network Sampling Frequency
Comprehensive List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-98A	Quarterly	Quarterly
MW-98B	Quarterly	Quarterly
MW-99A	Bi-Annual	Gauged Only
MW-99B	Bi-Annual	Gauged Only
POND01	Bi-Annual	Not Sampled
PW-01	Quarterly	Quarterly
PW-14311	Quarterly	Quarterly
PW-3501	Bi-Weekly	BI-Weekly
STREAM01	Quarterly	Quarterly
STREAM02	Quarterly	Quarterly
STREAM03[1]	Quarterly[1]	Quarterly[1]
STREAM04[2]	Quarterly[2]	Quarterly[2]
SVE-1	Monthly	Monthly
SVE-3	Monthly	Monthly

[1] Alternate Stream Location, sampled only if Stream02 is dry/inaccessible.
[2] Alternate Stream Location, sampled only if Stream01 is dry/inaccessible.

Table 2a
Proposed Monitoring Well Network Sampling Frequency
Weekly List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-168	Weekly	Weekly
MW-176	Weekly	Weekly
MW-178C	Weekly	Weekly
MW-54	Weekly	Weekly
MW-91C	Weekly	Weekly

Table 2b
Proposed Monitoring Well Network Sampling Frequency
Bi-Weekly List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-37	Bi-Weekly	Bi-Weekly
MW-38	Bi-Weekly	Bi-Weekly
MW-73	Bi-Weekly	Bi-Weekly
PW-3501	Bi-Weekly	BI-Weekly

Table 2c
Proposed Monitoring Well Network Sampling Frequency
Monthly List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-108	Bi-Weekly	Monthly
MW-127	Monthly	Monthly
MW-131A	Monthly	Monthly
MW-131B	Monthly	Monthly
MW-167	Weekly	Monthly
MW-169	Weekly	Monthly
MW-170	Weekly	Monthly
MW-171	Weekly	Monthly
MW-171C	Bi-Weekly	Monthly
MW-172C	Monthly	Monthly
MW-177	Bi-Weekly	Monthly
MW-178A	Monthly	Monthly
MW-178B	Monthly	Monthly
MW-179A	Monthly	Monthly
MW-179C	Monthly	Monthly
MW-180A	Monthly	Monthly
MW-180C	Monthly	Monthly
MW-181A	Monthly	Monthly
MW-181B	Monthly	Monthly
MW-181C	Monthly	Monthly
MW-36C	Monthly	Monthly
MW-36R	Weekly	Monthly
MW-43B	Bi-Weekly	Monthly
MW-47C	Monthly	Monthly
MW-63	Monthly	Monthly
MW-64	Monthly	Monthly
MW-65	Monthly	Monthly
MW-80A	Bi-Weekly	Monthly
MW-80B	Bi-Weekly	Monthly
MW-82R	Bi-Weekly	Monthly
MW-87	Bi-Weekly	Monthly
MW-89	Bi-Weekly	Monthly
MW-91	Bi-Weekly	Monthly
MW-91D	Monthly	Monthly
MW-96A	Monthly	Monthly
SVE-1	Monthly	Monthly
SVE-3	Monthly	Monthly

Table 2d
Proposed Monitoring Well Network Sampling Frequency
Quarterly List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-1	Quarterly	Quarterly
MW-100A	Quarterly	Quarterly
MW-100B	Quarterly	Quarterly
MW-101A	Quarterly	Quarterly
MW-101B	Quarterly	Quarterly
MW-102	Quarterly	Quarterly
MW-103	Quarterly	Quarterly
MW-105	Quarterly	Quarterly
MW-106	Quarterly	Quarterly
MW-107	Quarterly	Quarterly
MW-109	Quarterly	Quarterly
MW-110	Bi-Weekly	Quarterly
MW-111	Quarterly	Quarterly
MW-112	Quarterly	Quarterly
MW-113	Quarterly	Quarterly
MW-116	Quarterly	Quarterly
MW-117	Quarterly	Quarterly
MW-118	Quarterly	Quarterly
MW-119	Quarterly	Quarterly
MW-12	Quarterly	Quarterly
MW-120	Quarterly	Quarterly
MW-121	Bi-Weekly	Quarterly
MW-122	Quarterly	Quarterly
MW-123	Quarterly	Quarterly
MW-124	Quarterly	Quarterly
MW-125	Quarterly	Quarterly
MW-126	Quarterly	Quarterly
MW-128C	Quarterly	Quarterly
MW-13	Quarterly	Quarterly
MW-131C	Quarterly	Quarterly
MW-132A	Quarterly	Quarterly
MW-132B	Quarterly	Quarterly
MW-133C	Quarterly	Quarterly
MW-135C	Quarterly	Quarterly
MW-137	Bi-Weekly	Quarterly
MW-138	Bi-Weekly	Quarterly
MW-139	Quarterly	Quarterly
MW-14	Quarterly	Quarterly
MW-140A	Quarterly	Quarterly
MW-140B	Quarterly	Quarterly
MW-141A	Quarterly	Quarterly
MW-141B	Quarterly	Quarterly

Table 2d
Proposed Monitoring Well Network Sampling Frequency
Quarterly List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-141C	Quarterly	Quarterly
MW-142	Quarterly	Quarterly
MW-143	Quarterly	Quarterly
MW-144	Quarterly	Quarterly
MW-146	Quarterly	Quarterly
MW-147PB	Quarterly	Quarterly
MW-151	Quarterly	Quarterly
MW-152	Quarterly	Quarterly
MW-153A	Quarterly	Quarterly
MW-153B	Quarterly	Quarterly
MW-154	Quarterly	Quarterly
MW-156	Quarterly	Quarterly
MW-158P	Quarterly	Quarterly
MW-159	Quarterly	Quarterly
MW-16	Quarterly	Quarterly
MW-160	Quarterly	Quarterly
MW-161	Quarterly	Quarterly
MW-162A	Quarterly	Quarterly
MW-162B	Quarterly	Quarterly
MW-162C	Quarterly	Quarterly
MW-163B	Quarterly	Quarterly
MW-164B	Quarterly	Quarterly
MW-165C	Quarterly	Quarterly
MW-166A	Quarterly	Quarterly
MW-166B	Quarterly	Quarterly
MW-166C	Quarterly	Quarterly
MW-16R	Quarterly	Quarterly
MW-17	Quarterly	Quarterly
MW-173B	Quarterly	Quarterly
MW-173C	Quarterly	Quarterly
MW-174B	Quarterly	Quarterly
MW-174C	Quarterly	Quarterly
MW-175C	Quarterly	Quarterly
MW-19	Quarterly	Quarterly
MW-1A	Quarterly	Quarterly
MW-2	Quarterly	Quarterly
MW-21	Quarterly	Quarterly
MW-22	Quarterly	Quarterly
MW-23	Quarterly	Quarterly
MW-24	Quarterly	Quarterly
MW-25	Quarterly	Quarterly
MW-26	Quarterly	Quarterly

Table 2d
Proposed Monitoring Well Network Sampling Frequency
Quarterly List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-27	Quarterly	Quarterly
MW-27R	Quarterly	Quarterly
MW-28	Quarterly	Quarterly
MW-29	Quarterly	Quarterly
MW-2A	Quarterly	Quarterly
MW-3	Quarterly	Quarterly
MW-30	Quarterly	Quarterly
MW-31	Quarterly	Quarterly
MW-32	Quarterly	Quarterly
MW-33	Quarterly	Quarterly
MW-34	Quarterly	Quarterly
MW-35	Quarterly	Quarterly
MW-36	Bi-Weekly	Quarterly
MW-36P	Bi-Weekly	Quarterly
MW-37P	Bi-Weekly	Quarterly
MW-38P	Bi-Weekly	Quarterly
MW-39	Quarterly	Quarterly
MW-4	Quarterly	Quarterly
MW-40	Quarterly	Quarterly
MW-41C(120-130)	Quarterly	Quarterly
MW-41C(190-195)	Quarterly	Quarterly
MW-41C(75-80)	Quarterly	Quarterly
MW-41C(95-97)	Quarterly	Quarterly
MW-42C	Quarterly	Quarterly
MW-43A	Bi-Weekly	Quarterly
MW-44	Quarterly	Quarterly
MW-45	Bi-Weekly	Quarterly
MW-45P	Bi-Weekly	Quarterly
MW-45R	Bi-Weekly	Quarterly
MW-46	Quarterly	Quarterly
MW-47A	Quarterly	Quarterly
MW-47B	Quarterly	Quarterly
MW-47BB	Monthly	Quarterly
MW-49	Quarterly	Quarterly
MW-4A	Quarterly	Quarterly
MW-5	Quarterly	Quarterly
MW-50	Quarterly	Quarterly
MW-50B	Quarterly	Quarterly
MW-50C	Quarterly	Quarterly
MW-51	Quarterly	Quarterly
MW-52	Quarterly	Quarterly
MW-53A	Quarterly	Quarterly

Table 2d
Proposed Monitoring Well Network Sampling Frequency
Quarterly List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-53B	Quarterly	Quarterly
MW-53C(215-220)	Quarterly	Quarterly
MW-53C(225-235)	Quarterly	Quarterly
MW-55	Quarterly	Quarterly
MW-56A	Quarterly	Quarterly
MW-56B	Quarterly	Quarterly
MW-56C(100-110)	Quarterly	Quarterly
MW-56C(310-315)	Quarterly	Quarterly
MW-56C(320-325)	Quarterly	Quarterly
MW-57	Bi-Weekly	Quarterly
MW-57P	Bi-Weekly	Quarterly
MW-58	Bi-Weekly	Quarterly
MW-58P	Bi-Weekly	Quarterly
MW-58R	Bi-Weekly	Quarterly
MW-59A	Bi-Weekly	Quarterly
MW-59D	Bi-Weekly	Quarterly
MW-6	Quarterly	Quarterly
MW-60	Quarterly	Quarterly
MW-61B	Quarterly	Quarterly
MW-62A	Quarterly	Quarterly
MW-66	Quarterly	Quarterly
MW-68	Quarterly	Quarterly
MW-69	Quarterly	Quarterly
MW-7	Quarterly	Quarterly
MW-70	Quarterly	Quarterly
MW-71	Quarterly	Quarterly
MW-72	Quarterly	Quarterly
MW-74	Bi-Weekly	Quarterly
MW-75	Bi-Weekly	Quarterly
MW-76	Bi-Weekly	Quarterly
MW-77A	Quarterly	Quarterly
MW-77B	Quarterly	Quarterly
MW-77R	Quarterly	Quarterly
MW-78B	Quarterly	Quarterly
MW-78C(60-70)	Quarterly	Quarterly
MW-78R	Quarterly	Quarterly
MW-8	Quarterly	Quarterly
MW-81	Quarterly	Quarterly
MW-82	Quarterly	Quarterly
MW-83	Quarterly	Quarterly
MW-84	Bi-Weekly	Quarterly
MW-84P	Bi-Weekly	Quarterly

Table 2d
Proposed Monitoring Well Network Sampling Frequency
Quarterly List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-85	Quarterly	Quarterly
MW-86	Quarterly	Quarterly
MW-88	Quarterly	Quarterly
MW-9	Quarterly	Quarterly
MW-90	Quarterly	Quarterly
MW-92A	Quarterly	Quarterly
MW-92C	Quarterly	Quarterly
MW-93C	Quarterly	Quarterly
MW-95	Quarterly	Quarterly
MW-95B	Quarterly	Quarterly
MW-96B	Quarterly	Quarterly
MW-98A	Quarterly	Quarterly
MW-98B	Quarterly	Quarterly
PW-01	Quarterly	Quarterly
PW-14311	Quarterly	Quarterly
STREAM01	Quarterly	Quarterly
STREAM02	Quarterly	Quarterly
STREAM03[1]	Quarterly[1]	Quarterly[1]
STREAM04[2]	Quarterly[2]	Quarterly[2]

[1] Alternate Stream Location, sampled only if Stream02 is dry/inaccessible.
[2] Alternate Stream Location, sampled only if Stream01 is dry/inaccessible.

Table 2e
Proposed Monitoring Well Network Sampling Frequency
Bi-Annual List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-114	Bi-Annual	Bi-Annual
MW-130	Bi-Annual	Bi-Annual
MW-133A	Bi-Annual	Bi-Annual
MW-133B	Bi-Annual	Bi-Annual
MW-135A	Bi-Annual	Bi-Annual
MW-135B	Bi-Annual	Bi-Annual
MW-149	Bi-Annual	Bi-Annual
MW-15	Bi-Annual	Bi-Annual
MW-20	Bi-Annual	Bi-Annual
MW-41A	Bi-Annual	Bi-Annual
MW-41B	Bi-Annual	Bi-Annual
MW-48A	Bi-Annual	Bi-Annual
MW-48B	Bi-Annual	Bi-Annual
MW-61A	Bi-Annual	Bi-Annual
MW-62B	Bi-Annual	Bi-Annual
MW-67	Bi-Annual	Bi-Annual
MW-78A	Bi-Annual	Bi-Annual
MW-83R	Bi-Annual	Bi-Annual
MW-92	Bi-Annual	Bi-Annual
MW-97	Bi-Annual	Bi-Annual

Table 2f
Proposed Monitoring Well Network Sampling Frequency
Annual List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Well ID	Current Sampling Schedule	Proposed Frequency
MW-129A	Bi-Annual	Annual
MW-129B	Bi-Annual	Annual
MW-134A	Quarterly	Annual
MW-134B	Quarterly	Annual
MW-148A	Bi-Annual	Annual
MW-148B	Bi-Annual	Annual
MW-42A	Bi-Annual	Annual
MW-42B	Bi-Annual	Annual
MW-93	Bi-Annual	Annual
MW-93B	Bi-Annual	Annual
MW-94	Quarterly	Annual

Table 3
Proposed Monitoring Well Network Sampling Frequency
Comprehensive List - Changes to Current List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

#	Well ID	Current Sampling Schedule	Proposed Frequency	Screen/Open Interval (ft)	Most Recent GWG Data		Maximum MTBE Concentration		Recent MTBE Concentration		Rationale for Frequency Change[1]
					Date	Depth to Water (ft)	Date	Result (ug/L)	Date	Result (ug/L)	
Currently Weekly, Proposed to Move to Monthly											
1	MW-167	Weekly	Monthly	30-60	7/6/2011	DRY	4/17/2009	725	8/24/2009	13.6	Dry since September 2010. Attempted weekly sampling since September 2010 as part of NE Area Investigation. Attempting sampling on monthly schedule will be adequate.
2	MW-169	Weekly	Monthly	39-150	7/5/2011	96.15	5/14/2009	1,110	7/18/2011	4.9	Sampled weekly since March 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Monthly sampling will provide adequate monitoring.
3	MW-170	Weekly	Monthly	35-150	7/5/2011	96.28	6/11/2009	3,710	7/18/2011	11.5	Sampled weekly since March 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Monthly sampling will provide adequate monitoring.
4	MW-171	Weekly	Monthly	36-130	7/5/2011	101.39	6/11/2009	2,990	7/18/2011	24.6	Sampled weekly since March 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Monthly sampling will provide adequate monitoring.
5	MW-36R	Weekly	Monthly	30-80	7/5/2011	75.70	1/6/2011	227	6/28/2011	149	Sampled weekly since November 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Monthly sampling will provide adequate monitoring.
Currently Bi-Weekly, Proposed to Move to Monthly											
1	MW-108	Bi-Weekly	Monthly	35-55	7/6/2011	34.45	4/18/2006	0.75 J	7/7/2011	ND(1.0)	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. ND or J value since installation in March 2006. Monthly sampling will provide adequate monitoring.
2	MW-171C	Bi-Weekly	Monthly	125-248.6	7/6/2011	65.60	10/12/2010	16.2	7/18/2011	10.8	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Monthly sampling will provide adequate monitoring.
3	MW-177	Bi-Weekly	Monthly	125-250.5	7/5/2011	97.82	8/6/2010	1,530	7/18/2011	529	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Monthly sampling will provide adequate monitoring.
4	MW-43B	Bi-Weekly	Monthly	45-55	7/6/2011	34.37	6/22/2006	228	7/7/2011	ND(1.0)	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. ND or J value since 1Q 2010. Monthly sampling will provide adequate monitoring.
5	MW-80A	Bi-Weekly	Monthly	5-30	7/5/2011	14.72	3/21/2006	35,900	7/8/2011	ND(1.0)	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. ND or J value since September 2010, <4ppb since July 2007. Monthly sampling will provide adequate monitoring.
6	MW-80B	Bi-Weekly	Monthly	38.5-48.5	7/5/2011	14.16	4/7/2006	37,200	7/8/2011	0.44 J	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Monthly sampling will provide adequate monitoring.
7	MW-82R	Bi-Weekly	Monthly	3-38	7/5/2011	29.40	4/11/2006	40,000	7/8/2011	49.5	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Monthly sampling will provide adequate monitoring.

Table 3
Proposed Monitoring Well Network Sampling Frequency
Comprehensive List - Changes to Current List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

#	Well ID	Current Sampling Schedule	Proposed Frequency	Screen/Open Interval (ft)	Most Recent GWG Data		Maximum MTBE Concentration		Recent MTBE Concentration		Rationale for Frequency Change[1]
					Date	Depth to Water (ft)	Date	Result (ug/L)	Date	Result (ug/L)	
8	MW-87	Bi-Weekly	Monthly	40-60	7/6/2011	54.56	8/21/2007	5,890	7/8/2011	ND(1.0)	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Monthly sampling will provide adequate monitoring.
9	MW-89	Bi-Weekly	Monthly	10-40	7/5/2011	33.05	6/8/2007	12,900	7/8/2011	59.1	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Monthly sampling will provide adequate monitoring.
10	MW-91	Bi-Weekly	Monthly	42-72	7/6/2011	41.93	5/22/2009	1.7	7/8/2011	ND(1.0)	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. ND or J value since June 2009. Monthly sampling will provide adequate monitoring.
Currently Bi-Weekly, Proposed to Move to Quarterly											
1	MW-110	Bi-Weekly	Quarterly	25-60	7/5/2011	55.14	10/19/2006	155,000	7/8/2011	2.5	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
2	MW-121	Bi-Weekly	Quarterly	35-60	7/6/2011	55.70	4/12/2006	448,000	7/8/2011	ND(1.0)	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
3	MW-137	Bi-Weekly	Quarterly	15-45	7/5/2011	43.53	4/20/2006	23,400	7/8/2011	0.85 J	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
4	MW-138	Bi-Weekly	Quarterly	14-44	7/6/2011	28.74	12/22/2009	26	7/8/2011	ND(1.0)	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. ND or J value since February 2010. Quarterly sampling will provide adequate monitoring.
5	MW-36	Bi-Weekly	Quarterly	15-45	7/6/2011	42.99	3/7/2006	1,260,000	7/7/2011	39.6	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
6	MW-36P	Bi-Weekly	Quarterly	15-45	7/6/2011	DRY	7/27/2009	543	5/11/2011	301	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
7	MW-37P	Bi-Weekly	Quarterly	36-96	7/6/2011	83.62	8/25/2009	1,800	7/7/2011	0.61 J	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
8	MW-38P	Bi-Weekly	Quarterly	23-63	7/6/2011	49.15	6/11/2009	22.6	7/7/2011	ND(1.0)	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
9	MW-43A	Bi-Weekly	Quarterly	20-40	7/5/2011	33.50	7/27/2006	1,940	7/8/2011	ND(1.0)	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
10	MW-45	Bi-Weekly	Quarterly	53-73	7/6/2011	70.69	3/10/2006	498,000	7/8/2011	1,800	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.

Table 3
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Comprehensive List - Changes to Current List

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

#	Well ID	Current Sampling Schedule	Proposed Frequency	Screen/Open Interval (ft)	Most Recent GWG Data		Maximum MTBE Concentration		Recent MTBE Concentration		Rationale for Frequency Change[1]
					Date	Depth to Water (ft)	Date	Result (ug/L)	Date	Result (ug/L)	
11	MW-45P	Bi-Weekly	Quarterly	52.5-72.5	7/6/2011	38.03	2/23/2009	10,300	7/7/2011	1,490	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
12	MW-45R	Bi-Weekly	Quarterly	70-90	7/6/2011	81.80	7/28/2009	3,140	7/8/2011	61.3	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
13	MW-57	Bi-Weekly	Quarterly	25-65	7/5/2011	60.41	11/7/2006	89,400	7/8/2011	0.79 J	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
14	MW-57P	Bi-Weekly	Quarterly	20-70	7/6/2011	43.65	6/12/2009	1,010	7/7/2011	25.4	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
15	MW-58	Bi-Weekly	Quarterly	35-65	7/5/2011	59.38	8/22/2006	52,700	7/8/2011	21.2	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
16	MW-58P	Bi-Weekly	Quarterly	20-70	7/6/2011	51.25	6/12/2009	10,900	7/7/2011	0.86 J	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
17	MW-58R	Bi-Weekly	Quarterly	35-80	7/5/2011	71.33	3/16/2009	822	7/8/2011	33.3	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
18	MW-59A	Bi-Weekly	Quarterly	20-40	7/6/2011	34.24	3/21/2006	889,000	7/7/2011	3.8	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
19	MW-59D	Bi-Weekly	Quarterly	23-48	7/5/2011	41.90	3/28/2006	456,000	7/8/2011	9.3	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
20	MW-74	Bi-Weekly	Quarterly	20-50	7/5/2011	46.06	3/28/2006	464,000	7/8/2011	143	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
21	MW-75	Bi-Weekly	Quarterly	25-50	7/5/2011	42.69	4/18/2006	259,000	7/8/2011	162	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
22	MW-76	Bi-Weekly	Quarterly	20-56	7/5/2011	49.61	3/15/2006	130,000	7/8/2011	ND(1.0)	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
23	MW-84	Bi-Weekly	Quarterly	40-60	7/6/2011	56.41	4/11/2006	560,000	7/8/2011	8.2	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.

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Phoenix, MD

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					Date	Depth to Water (ft)	Date	Result (ug/L)	Date	Result (ug/L)	
24	MW-84P	Bi-Weekly	Quarterly	40-60	7/6/2011	46.05	11/6/2007	44,300	7/7/2011	154	Sampled bi-weekly since May 2010 as part of NE Area Investigation, sufficient data gathered to understand trend. Quarterly sampling will provide adequate monitoring.
Currently Monthly, Proposed to Move to Quarterly											
1	MW-47BB	Monthly	Quarterly	55-125	7/6/2011	38.80	3/21/2011	0.84 J	6/20/2011	ND(1.0)	Consistently ND or J value since installation in Oct 2010.
Currently Quarterly, Proposed to Move to Annual											
1	MW-134A	Quarterly	Annual	28-53	7/6/2011	32.63	6/6/2006	9.2	6/16/2011	ND(1.0)	Off strike line. Consistently ND or J since 4Q 2007. MW-162A/B/C is upgradient
2	MW-134B	Quarterly	Annual	65-75	7/6/2011	32.85	5/3/2006	76.7	6/16/2011	ND(1.0)	Off strike line. Consistently ND or J since 3Q 2007. MW-162A/B/C is upgradient
3	MW-94	Quarterly	Annual	17-32	7/6/2011	25.51	4/12/2006	0.43 J	6/8/2010	ND(1.0)	Sufficient surrounding coverage provided by MW-61A/B, MW-81, and MW-62A/B
Currently Quarterly, Proposed to Move to Gauged Only											
1	MW-157P	Quarterly	Gauged Only	10-60	7/6/2011	20.32	10/3/2006	36,900	6/20/2011	ND(1.0)	Similar in construction and location to MW-159, redundancy in sampling. P-series wells installed for potentiometric monitoring only
2	MW-59B	Quarterly	Gauged Only	45-55	12/4/2006	37.38	8/1/2006	486,000	4/11/2007	7,740	Pump stuck in well, no sampling since April 2007.
Currently Bi-Annual, Proposed to Move to Annual											
1	MW-129A	Bi-Annual	Annual	25-45	7/5/2011	18.27	3/9/2011	ND(1.0)	3/9/2011	ND(1.0)	Off strike line. Sufficient off-strike coverage provided by MW-98A/B. ND since installation in April 2006.
2	MW-129B	Bi-Annual	Annual	51-61	7/5/2011	17.21	3/9/2011	0.32 J	3/9/2011	ND(1.0)	Off strike line. Sufficient off-strike coverage provided by MW-98A/B. ND or J value since installation in April 2006.
3	MW-148A	Bi-Annual	Annual	30-63	7/6/2011	35.21	3/10/2011	ND(1.0)	3/10/2011	ND(1.0)	Consistently ND since first sampled May 2006
4	MW-148B	Bi-Annual	Annual	73-83	7/6/2011	40.19	3/10/2011	ND(1.0)	3/10/2011	ND(1.0)	Consistently ND since first sampled May 2006
5	MW-42A	Bi-Annual	Annual	15-35	7/5/2011	23.58	3/6/2006	0.74 J	6/20/2011	ND(1.0)	Off strike line. Consistently ND or J value since first sampled in March 2006
6	MW-42B	Bi-Annual	Annual	45-55	7/5/2011	52.42	3/6/2006	4.1	6/20/2011	ND(1.0)	Off strike line. Consistently ND since 3Q 2006
7	MW-93	Bi-Annual	Annual	27-42	7/6/2011	30.89	12/6/2010	ND(1.0)	6/16/2011	ND(1.0)	Off strike line. Consistently ND since first sampled in March 2006
8	MW-93B	Bi-Annual	Annual	55-75	7/6/2011	30.73	2/20/2008	0.94 J	6/15/2011	ND(1.0)	Off strike line. Consistently ND or J value since first sampled in December 2007
Currently Bi-Annual, Proposed to Move to Gauged Only											
1	MW-128A	Bi-Annual	Gauged Only	38-58	7/5/2011	36.73	12/7/2010	ND(1.0)	6/15/11	ND(1.0)	Off strike line. Sufficient off-strike coverage already provided with MW-98A and MW-129A.
2	MW-128B	Bi-Annual	Gauged Only	68-78	7/5/2011	25.50	4/18/2006	1.3	6/15/11	ND(1.0)	Off strike line. Sufficient off-strike coverage already provided by MW-98B and MW-129B
3	MW-136	Bi-Annual	Gauged Only	25-50	7/6/2011	31.67	3/14/2011	ND(1.0)	3/14/2011	ND(1.0)	Sufficient coverage already provided by MW-92A and MW-162 which are upgradient and MW-134A/B which are downgradient
4	MW-150A	Bi-Annual	Gauged Only	2-14	7/6/2011	7.98	7/25/2006	1.1	3/14/2011	ND(1.0)	Sufficient coverage already provided by MW-131A-C, which are directly upgradient

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					Date	Depth to Water (ft)	Date	Result (ug/L)	Date	Result (ug/L)	
5	MW-150B	Bi-Annual	Gauged Only	24-34	7/6/2011	6.01	9/12/2007	11.4	3/14/2011	ND(1.0)	Sufficient coverage already provided by MW-131A-C, which are directly upgradient
6	MW-99A	Bi-Annual	Gauged Only	3-15	7/6/2011	6.10	3/29/2006	9	6/17/2011	ND(1.0)	Similar location and construction to MW-100A, redundancy in sampling.
7	MW-99B	Bi-Annual	Gauged Only	28-38	7/6/2011	6.67	3/29/2006	2,020	6/17/2011	ND(1.0)	Similar location and construction to MW-100B, redundancy in sampling.
8	POND01	Bi-Annual	Not Sampled	-	Not Gauged	Not Gauged	3/14/2011	ND(1.0)	3/14/2011	ND(1.0)	Surface water sample. ND since 2006 with exception of a few minor toluene detections.

1 - Reference to analytical results are based on MTBE, BTEX, and Oxygenate list
ND - Non-Detect
ft - Feet
ug/L - Micrograms per liter (parts per billion)

FIGURE

DRAFT

WORK IN PROGRESS

G:\Projects\0507606-8077\Projects\Sample_Schedule_Maps_071609\SamplingFreq_Update_031711.mxd

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DRAWN:	03/23/11
DRAWN BY:	B. Myers
CHECKED BY:	K. Braun
FILE NAME:	SamplingFreq_Update_031711.mxd

PROPOSED MONITORING POINT SAMPLING FREQUENCY

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY

FIGURE

1