



USPS

October 20, 2016

Mr. Jim Richmond
Oil Control Program
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, MD 21230

RE: Request for Notice of Compliance
Southside Facility #26463
8816 Fingerboard Road
Urbana, Frederick County, Maryland
MDE Case No. 2006-0245-FR

Dear Mr. Richmond:

Kleinfelder, on behalf of Southside Oil, LLC (Southside), has prepared this letter to document the completion of the final requirements for the above referenced facility per the Maryland Department of the Environment (MDE) letter dated August 19, 2014 letter (attached) and request the MDE issue a Notice of Compliance.

Well Abandonment and HRGUA Monitoring

The monitoring wells with the exception of four wells were abandoned and the documentation was submitted to the MDE in a letter dated October 15, 2016. Annual sampling of the monitoring wells and on-site potable well was initiated and the 2016 sampling event results were submitted to the MDE on September 19, 2016.

8826 Fingerboard Road

The Corrective Action Plan (CAP) indicated the 8826 Urbana Pike property will be connected to the Frederick County municipal water supply; however, the agent for the property owner was non-responsive to requests to change the zoning of the property in 2012. As such, 8826 Urbana Pike was not connected to the Frederick County municipal water supply and the MDE letter acknowledged this amendment to the CAP in the August 19, 2014 letter.

As presented in previous regulatory correspondence the property owner of 8826 Fingerboard Road was unresponsive to requests to sample the point of entry treatment (POET) system after August 2012 until September 2013. A final set of water samples was collected from the potable well on August 28, 2014 and VOCs and fuel oxygenates were not detected (attached). The property owner was unresponsive to the attached requests regarding the disposition of the POET system.

3514 Urbana Pike

A final set of water samples was collected from the potable well at 3514 Urbana Pike on August 28th and September 3, 2014 and VOCs and fuel oxygenates were not detected (attached). As per the CAP, the connection of the property to the municipal water supply was proposed to eliminate the groundwater ingestion pathway. A summary of the activities associated with the municipal water connection to 3514 Urbana Pike is presented below.

- On March 22, 2016, a Public Works Agreement was signed to extend the water main in the right of way to the property.
- During May 2016, Satterfield Enterprises, on behalf of the Frederick County Department of Engineering and Planning, extended an existing municipal water main in the State Highway Administration (SHA) right of way to 3514 Urbana Pike. The Frederick County conditional acceptance of the work and the as-built water main construction plans are attached.
- On August 9, 2016, the service line from the water main in Urbana Pike to residence at 3514 Urbana Pike was completed.
- On August 10, 2016, Frederick County inspected the service line connections and issued the attached approval. The POET system for the former potable well was removed and disposed of by Carroll Water Systems.
- On August 16, a Maryland licensed well driller abandoned the former potable well at 3514 Urbana Pike and a copy of the Water Well Abandonment-Sealing Form is attached.

Recommendations

The requirements in the August 19, 2014 MDE letter have been satisfied and HRGUA monitoring is ongoing. Therefore, Kleinfelder, on behalf of Southside, requests the MDE issue a Notice of Compliance for Case No. 2006-0245-FR.

Limitations

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

Closing

Southside and Kleinfelder appreciate the assistance of the MDE in the successful completion of this project. If you have questions or require additional information please contact us at (410) 850-0404.

Sincerely,

KLEINFELDER



Mark C. Steele
Senior Program Manager

Attachments

cc: Ms. Devon Watts – Sunoco, Inc. (ENFOS)
Mr. Doug Colley – The Kiplinger Washington Editors, Inc.



MARYLAND DEPARTMENT OF THE ENVIRONMENT

Oil Control Program, Suite 620, 1800 Washington Blvd., Baltimore MD 21230-1719

410-537-3442 • 410-537-3092 (fax)

1-800-633-6101

Martin O'Malley
Governor

Robert M. Summers, Ph.D.
Secretary

Anthony G. Brown
Lieutenant Governor

August 19, 2014



Ms. Jewel G. Cox
ExxonMobil Environmental Services
Suite 106 #232
1016 West Poplar Avenue
Collierville TN 38017

Mr. Marshal Hare
Director of Facilities
Mid-Atlantic Convenience Stores, LLC
1011 Boulder Springs Drive, Suite 100
Richmond VA 23225

**RE: REQUEST FOR MONITORING WELL ABANDONMENT
FINAL REQUIREMENT FOR OFF-SITE SAMPLING
Case No. 2006-0245-FR
Former Exxon RAS #2-6463
8816 Fingerboard Road, Urbana
Frederick County, Maryland
Facility I.D. No. 6299**

Dear Ms. Cox and Mr. Hare:

The Oil Control Program has completed a review of the case file for the above-referenced property, including the *Request for Case Closure - June 30, 2014*. The active underground storage tank (UST) system is comprised of two 15,000-gallon gasoline tanks and a 20,000-gallon compartmentalized diesel/gasoline tank. Currently, there are sixteen groundwater monitoring wells and one private drinking water supply well located on-site. Historic analysis of groundwater samples from the monitoring well network has detected methyl tertiary-butyl ether (MTBE) up to 71,200 parts per billion (ppb). Remedial activities included removal of the first and second generation UST systems and the excavation of more than 1,500 tons of contact soil and pea gravel for proper off-site disposal. The time series groundwater sampling data have demonstrated a decreasing trend in MTBE in the monitoring well network. In February 2014, MTBE was detected up to 290 ppb in the monitoring well network. A sample collected from the station's drinking water supply well was non-detect for petroleum constituents. The active UST system is located in a well head protection area.

www.mde.maryland.gov



TTY Users 1-800-735-2258
Via Maryland Relay Service

Over the course of this investigation, groundwater sampling in the nearby residential community revealed that off-site private drinking water supply wells were impacted by MTBE at concentrations above the State's action level. In March 2009, the Department required ExxonMobil to install and maintain granular activated carbon (GAC) filtration systems on the two private supply wells. In April 2011, the *Comprehensive Site Assessment Report* identified the human ingestion of MTBE, via impacted off-site private drinking water supply wells, as the primary pathway of concern. In August 2011, the Department approved the *Corrective Action Plan* which sought mitigation of the identified exposure pathway by connecting the residential properties at 3514 Urbana Pike and 8826 Fingerboard Road to the municipal water supply. Following coordination with the property owner and Frederick County, the Department understands the connection of 3514 Urbana Pike to the municipal water supply is pending.

Samples collected from the private drinking water supply well at 8826 Fingerboard Road have demonstrated that concentrations of dissolved phase petroleum constituents (pre-filtration) have remained non-detect for a period of more than two years. The Department understands the property owner has not been receptive to connecting the property to the municipal supply. In June 2014, an evaluation completed in accordance with the Department's *Maryland Environmental Assessment Technology (MEAT) for Leaking Underground Storage Tanks* guidance document determined the risk of exposure is below the Department's guidance and threshold levels. The *Request for Case Closure* proposes proper abandonment of twelve of the monitoring wells, annual sampling of four of the monitoring wells, and the connection of 3514 Urbana Pike to the municipal water supply system. The Department understands that a request is pending to transfer operation and maintenance responsibility for the remaining GAC filtration system to the owners of 8826 Fingerboard Road.

Based on our review of the site specific information provided, the Department agrees to amend the requirements of the approved *Corrective Action Plan*. Considering the site is located in a well head protection area, the Department requires the following:

- (1) Properly abandon site monitoring wells MW-1, MW-3, MW-4, MW-6, MW-7, MW-8, MW-10, MW-11, MW-12, MW-13, MW-15, and MW-16 under the supervision of a Maryland-licensed well driller in accordance with Code of Maryland Regulations (COMAR) 26.04.04.11. Upon completion of well abandonment activities, provide a copy of the well abandonment reports to both the Oil Control Program (Attn: Mr. Jim Richmond) and the Frederick County Health Department (Attn: Mr. George Keller). The Oil Control Program anticipates receiving the monitoring well abandonment reports **no later than October 31, 2014.**
- (2) Continue annual sampling (every twelve months) of monitoring wells MW-2, MW-5, MW-9, and MW-14. All samples collected from the monitoring well network must be analyzed for full-suite volatile organic compounds (VOCs), including fuel oxygenates and naphthalene, using EPA Method 8260.
- (3) Continue annual sampling of the station's drinking water supply well. All samples collected from the supply well must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 524.2.

- (4) In August 2014, complete a final round of sampling at 3514 Urbana Pike using EPA Method 524.2. The concentration of MTBE has remained below half of the State's action level for more than two years. The Department understands that ExxonMobil and its environmental consultant will continue to coordinate with the property owner and Frederick County personnel to provide municipal water to the property at 3514 Urbana Pike. Provide the Department with written confirmation that the property has been connected to the municipal water supply. Once completed, the Department will require removal of the GAC filtration system and abandonment of the former drinking water supply well under the supervision of a Maryland-licensed well driller and the submittal of a well abandonment report.
- (5) In August 2014, complete a final round of sampling at 8826 Urbana Church Road (Fingerboard Road). By copy of this letter, the property owner at 8826 Urbana Church Road (Map 96 Parcel 165) is notified of the amended *Corrective Action Plan*. Provided that the results of the required August 2014 sampling event confirm the absence of VOCs, the Department will not require further sampling of the respective drinking water supply well. Coordinate with the property owner(s) to determine if they want to retain the GAC filtration system and assume all future responsibility for its operation and maintenance, or if they want to have the GAC system removed. If the property owner(s) elect to remove the GAC system, you are required to contract a licensed plumber to dismantle the GAC system and reconnect the supply well to the plumbing system. Please notify the Oil Control Program and the Frederick County Health Department in writing as to which option is selected.
- (6) Notify the Oil Control Program at least five (5) working days prior to completing monitoring well abandonment so we have an opportunity to observe field activities.

Upon completion of the above listed activities and the submittal of proper documentation, the Oil Control Program will evaluate this case for closure. If you have any questions, please contact the case manager, Mr. Jim Richmond, at 410-537-3337 (jim.richmond@maryland.gov) or me at 410-537-3499 (susan.bull@maryland.gov).

Sincerely,



Susan R. Bull, Western Region Section Head
Remediation and State-Lead Division
Oil Control Program

JWR/nln

cc: Mr. Donald Trego (Kleinfelder)
Mr. Adam Hood (Kiplinger Washington Editors, Inc.)
Mr. William Dent (Trustee)
Mr. George Keller (Frederick County Health Dept.)
Mr. Andrew B. Miller
Mr. Christopher H. Ralston
Mr. Horacio Tablada



CERTIFIED MAIL: 7011 0470 0000 2968 7039

September 25, 2014

Mr. William Dent
8826 Fingerboard Road
Frederick, MD 21704

**Re: Potable Well Sampling Information
8826 Fingerboard Road
Frederick, MD**

Mr. Dent:

Kleinfelder, on behalf of Southside Oil, LLC (Southside), would like to thank you for your cooperation in allowing us to sample your drinking water well on August 28, 2014.

The water samples taken from your well were collected at three points: 1) before the granular activated carbon (GAC) units (influent), 2) between the GAC units (midfluent), and 3) after the units (effluent). The water samples were tested for the presence of a number of volatile organic compounds (VOCs) and oxygenates found in petroleum fuels. Methyl tertiary butyl ether (MTBE) was detected in the midfluent sample at a concentration of 1.9 micrograms per liter ($\mu\text{g/L}$); however, no VOCs or MTBE was detected in the influent or effluent samples. The tests were conducted utilizing EPA approved methods and a copy of the laboratory report is enclosed.

If you have questions regarding the enclosed analytical results please contact the undersigned at 410-850-0404.

Sincerely,
Kleinfelder

Timothy Boswell
Geologist

Mark C Steele
Senior Program Manager

Enclosure

cc: Mr. Jim Richmond – Maryland Department of the Environment
Mr. George Keller – Frederick County Health Department
Ms. Devon Watts – Sunoco, Inc.
Ms. Maureen Wood – P.O. Box 581, Riva, MD 21140

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

September 04, 2014

Project: Southside Oil 26463

Submittal Date: 08/29/2014
Group Number: 1499909
PO Number: 51141-291467
State of Sample Origin: MD

Client Sample Description

8826 Fingbrd PE Grab Water
8826 Fingbrd PI Grab Water
8826 Fingbrd PM Grab Water

Lancaster Labs (LL) #

7583429
7583430
7583431

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder

Attn: Mark Steele
Attn: Venelda Williams
Attn: Charlie Low
Attn: Jennifer Kozak

Respectfully Submitted,



Amek Carter
Specialist

(717) 556-7252

Sample Description: 8826 Fingrbrd PE Grab Water
26463

LL Sample # PW 7583429
LL Group # 1499909
Account # 12152

Project Name: Southside Oil 26463

Collected: 08/28/2014 10:00 by CL

Kleinfelder

550 West C Street, Suite 1200
San Diego CA 92101

Submitted: 08/29/2014 16:50

Reported: 09/04/2014 19:07

PE643

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	< 1.0	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

Sample Description: 8826 Fingrbrd PE Grab Water
26463

LL Sample # PW 7583429
LL Group # 1499909
Account # 12152

Project Name: Southside Oil 26463

Collected: 08/28/2014 10:00 by CL

Kleinfelder

550 West C Street, Suite 1200
San Diego CA 92101

Submitted: 08/29/2014 16:50

Reported: 09/04/2014 19:07

PE643

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S142461AA	09/03/2014 21:10	Kevin A Sposito	1

Sample Description: 8826 Fingrbrd PI Grab Water
26463

LL Sample # PW 7583430
LL Group # 1499909
Account # 12152

Project Name: Southside Oil 26463

Collected: 08/28/2014 10:10 by CL

Kleinfelder

550 West C Street, Suite 1200
San Diego CA 92101

Submitted: 08/29/2014 16:50

Reported: 09/04/2014 19:07

PI643

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	< 1.0	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

Sample Description: 8826 Fingrbrd PI Grab Water
26463

LL Sample # PW 7583430
LL Group # 1499909
Account # 12152

Project Name: Southside Oil 26463

Collected: 08/28/2014 10:10 by CL

Kleinfelder

550 West C Street, Suite 1200
San Diego CA 92101

Submitted: 08/29/2014 16:50

Reported: 09/04/2014 19:07

PI643

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S142461AA	09/03/2014 21:37	Kevin A Sposito	1

Sample Description: 8826 Fingrbrd PM Grab Water
26463

LL Sample # PW 7583431
LL Group # 1499909
Account # 12152

Project Name: Southside Oil 26463

Collected: 08/28/2014 10:05 by CL

Kleinfelder

550 West C Street, Suite 1200
San Diego CA 92101

Submitted: 08/29/2014 16:50

Reported: 09/04/2014 19:07

PM643

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	1.9	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

Sample Description: 8826 Fingrbrd PM Grab Water
26463

LL Sample # PW 7583431
LL Group # 1499909
Account # 12152

Project Name: Southside Oil 26463

Collected: 08/28/2014 10:05 by CL

Kleinfelder

550 West C Street, Suite 1200

Submitted: 08/29/2014 16:50

San Diego CA 92101

Reported: 09/04/2014 19:07

PM643

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S142461AA	09/03/2014 22:05	Kevin A Sposito	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/04/14 at 07:07 PM

Group Number: 1499909

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: S142461AA	Sample number(s): 7583429-7583431							
Acetone	< 5.0	5.0	ug/l	113		70-130		
Acrolein	< 50	50.	ug/l	100		70-130		
Acrylonitrile	< 10	10.	ug/l	105		70-130		
t-Amyl Methyl Ether	< 0.5	0.5	ug/l	87		70-130		
Benzene	< 0.5	0.5	ug/l	97		70-130		
Bromodichloromethane	< 0.5	0.5	ug/l	101		70-130		
Bromoform	< 0.5	0.5	ug/l	108		70-130		
Bromomethane	< 0.5	0.5	ug/l	107		70-130		
2-Butanone	< 5.0	5.0	ug/l	98		70-130		
t-Butyl Alcohol	< 25	25.	ug/l	112		70-130		
n-Butylbenzene	< 0.5	0.5	ug/l	102		70-130		
sec-Butylbenzene	< 0.5	0.5	ug/l	100		70-130		
tert-Butylbenzene	< 0.5	0.5	ug/l	100		70-130		
Carbon Tetrachloride	< 0.5	0.5	ug/l	108		70-130		
Chlorobenzene	< 0.5	0.5	ug/l	94		70-130		
Chloroethane	< 0.5	0.5	ug/l	112		70-130		
Chloroform	< 0.5	0.5	ug/l	100		70-130		
Chloromethane	< 0.5	0.5	ug/l	94		70-130		
Dibromochloromethane	< 0.5	0.5	ug/l	113		70-130		
1,2-Dichlorobenzene	< 0.5	0.5	ug/l	100		70-130		
1,3-Dichlorobenzene	< 0.5	0.5	ug/l	100		70-130		
1,4-Dichlorobenzene	< 0.5	0.5	ug/l	98		70-130		
1,1-Dichloroethane	< 0.5	0.5	ug/l	112		70-130		
1,2-Dichloroethane	< 0.5	0.5	ug/l	113		70-130		
1,1-Dichloroethene	< 0.5	0.5	ug/l	108		70-130		
cis-1,2-Dichloroethene	< 0.5	0.5	ug/l	98		70-130		
trans-1,2-Dichloroethene	< 0.5	0.5	ug/l	103		70-130		
1,2-Dichloropropane	< 0.5	0.5	ug/l	108		70-130		
cis-1,3-Dichloropropene	< 0.5	0.5	ug/l	93		70-130		
trans-1,3-Dichloropropene	< 0.5	0.5	ug/l	97		70-130		
Ethyl t-Butyl Ether	< 0.5	0.5	ug/l	100		70-130		
Ethylbenzene	< 0.5	0.5	ug/l	95		70-130		
di-Isopropyl Ether	< 0.5	0.5	ug/l	101		70-130		
Isopropylbenzene	< 0.5	0.5	ug/l	95		70-130		
p-Isopropyltoluene	< 0.5	0.5	ug/l	96		70-130		
Methyl Tertiary Butyl Ether	< 0.5	0.5	ug/l	100		70-130		
Methylene Chloride	< 0.5	0.5	ug/l	108		70-130		
Naphthalene	< 0.5	0.5	ug/l	82		70-130		
n-Propylbenzene	< 0.5	0.5	ug/l	99		70-130		
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/l	101		70-130		
Tetrachloroethene	< 0.5	0.5	ug/l	90		70-130		
Toluene	< 0.5	0.5	ug/l	98		70-130		
1,1,1-Trichloroethane	< 0.5	0.5	ug/l	103		70-130		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder

Group Number: 1499909

Reported: 09/04/14 at 07:07 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
1,1,2-Trichloroethane	< 0.5	0.5	ug/l	97		70-130		
Trichloroethene	< 0.5	0.5	ug/l	101		70-130		
Trichlorofluoromethane	< 0.5	0.5	ug/l	117		70-130		
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/l	100		70-130		
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/l	101		70-130		
Vinyl Chloride	< 0.5	0.5	ug/l	106		70-130		
Xylene (Total)	< 0.5	0.5	ug/l	97		70-130		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: EPA Method 524.2

Batch number: S142461AA

4-Bromofluorobenzene 1,2-Dichlorobenzene-d4

7583429	85	88
7583430	87	93
7583431	89	92
Blank	90	91
LCS	99	106

Limits: 80-120 80-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Client: <u>Southside Oil</u>		Acct. #:		Matrix			Analyses Requested				For Lab Use Only				
Project Name/#: <u>26463</u>		PWSID #:					Potable	NPDES	Preservation Codes				FSC: _____		
Project Manager: <u>Sean Rochford</u>		P.O. #: <u>51141-291467</u>		Total # of Containers			524.2 Full Oxy 524.2				SCR#: _____				
Sampler: <u>Charlie Low</u>		Quote #:									Remarks		Preservation Codes H=HCl T=Thiosulfate N=HNO3 B=NaOH S=H2SO4 O=Other		Temperature of samples upon receipt (if requested)
Name of State where samples were collected: <u>Maryland</u>															
Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers					Remarks		
8826 Fingbrd PE	<u>8-28-14</u>	<u>1000</u>	x			x		3	x						
8826 Fingbrd PI	<u>8-28-14</u>	<u>1016</u>	x			x		3	x						
8826 Fingbrd PM	<u>8-28-14</u>	<u>1005</u>	x			x		3	x						
															
Turnaround Time Requested (TAT) (please circle): <u>Normal</u> Rush (Rush TAT is subject to Lancaster Laboratories approval and surcharge.)								Relinquished by: <u>Charlie Low</u>		Date: <u>8-28-14</u>	Time: <u>1400</u>	Received by: <u>Sample Room</u>		Date: <u>8-28-14</u>	Time: <u>1400</u>
Date results are needed: _____								Relinquished by: <u>V. Williams</u>		Date: <u>8/29/14</u>	Time: <u>1412</u>	Received by: <u>[Signature]</u>		Date: <u>8-28-14</u>	Time: <u>1412</u>
Rush results requested by (please circle): <u>Phone</u> Fax E-mail								Relinquished by: _____		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____
Phone #: _____ Fax #: _____								Relinquished by: _____		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____
E-mail address: _____								Relinquished by: _____		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____
Data Package Options (please circle if required)				SDG Complete?				Relinquished by: _____		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____
Type I (validation/NJ reg) <u>TX-TRRP-13</u>				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Relinquished by: _____		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____
Type II (Tier II) <u>MA MCP</u> <u>CT RCP</u>				State-specific QC (MS/MSD/Dup)? Yes <input type="checkbox"/> No <input type="checkbox"/> (If yes, indicated QC sample and submit triplicate volume)				Relinquished by: _____		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____
Type III (Reduced NJ)								Internal COC required? Yes <input type="checkbox"/> No <input type="checkbox"/>				Relinquished by: _____		Date: _____	Time: _____
Type IV (CLP SOW)												Relinquished by: _____		Date: _____	Time: _____
Type VI (Raw Data Only)								Relinquished by: _____		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

Inorganic Qualifiers

A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



CERTIFIED MAIL: 7011 0470 0000 2968 7411

February 2, 2015

Mr. William Dent
8826 Fingerboard Road
Frederick, MD 21704

Re: Point of Entry Treatment System – Second Request
8826 Fingerboard Road
Frederick, Maryland

Dear Mr. Dent:

In follow up to our letter dated October 24, 2014 for which we have not received a response, we are submitting this second request to determine if you wish to keep or have removed the point of entry treatment (POET) system at the above referenced address. The Maryland Department of the Environment (MDE) is in the process of closing the groundwater investigation associated with the Exxon service station at 8816 Fingerboard Road. As part of that investigation the responsible party sampled private potable wells within the vicinity of the station site. Point of entry treatment systems were installed at addresses with levels of methyl tertiary butyl ether (MTBE) that were above the MDE's action level for MTBE of 20 micrograms per liter.

Analysis of the hydrogeological information produced by the groundwater investigation has enabled us to better understand the nature, extent and distribution of the gasoline contamination. The data from sampling your drinking water well indicate no gasoline constituents have been present for the past three years. A summary of the influent (i.e. untreated water) laboratory results for your potable well is attached. As a result of the investigation and the sampling results from your well, we do not believe that gasoline constituents above the MDE's state action levels will be detected in your well in the future.

Based upon the laboratory results and with MDE approval (attached), the need to continue to sample your well and provide your home with a POET system no longer exists. The POET system in your home was installed at no cost to you and it will be removed at no cost to you. Alternatively, Southside Oil is willing to convey the POET system to you, provided you accept the system in its current "as is" condition and agree to conduct any future maintenance that may be needed.

Included with this letter is a Return Form for you to indicate whether you want Southside Oil to remove the POET system from your home or let us know if you choose to keep it. Please complete the form indicating your preference and return it in the enclosed, pre-addressed, postage paid envelope. We respectfully request that we receive your reply by March 6, 2015. If you do not reply, we will assume that you want to keep the POET and we will consider this matter resolved.

Mr. William Dent
Page 2

Thank you for your cooperation. Should you wish to contact us regarding this letter, please call 410-850-0404.

Sincerely,

KLEINFELDER



Mark C Steele
Senior Program Manager

Enclosures

cc: Ms. Maureen Wood – P.O. Box 581, Riva, MD 21140
Mr. Jim Richmond – Maryland Department of the Environment
Mr. Barry Glotfelty – Frederick County Health Department
Ms. Devon Watts – Sunoco, Inc. c/o Southside Oil, LLC

RETURN FORM

Mr. William Dent
8826 Fingerboard Road
Frederick, MD 21704

Re: 8826 Fingerboard Road Frederick, Maryland 21704

Contact Phone Number: _____

PLEASE CHECK ONE OPTION:

_____ I choose to keep the POET system located at the above referenced property address and accept ownership of the system in its current "as is" condition.

_____ I would like Southside Oil to remove the POET system located at the above referenced property address. Please contact me by telephone to schedule an appointment to do the work.

PLEASE USE THE ENCLOSED RETURN ENVELOPE. FORMS MUST BE RECEIVED BY [March 6, 2015].

Signature: _____ *

Date: _____

Name (Printed): _____

* By signing this form I am representing to Southside Oil that I am the owner of this property and that there are no others who can claim full and/or partial ownership.



MARYLAND DEPARTMENT OF THE ENVIRONMENT

Oil Control Program, Suite 620, 1800 Washington Blvd., Baltimore MD 21230-1719

410-537-3442 • 410-537-3092 (fax)

1-800-633-6101

Martin O'Malley
Governor

Robert M. Summers, Ph.D.
Secretary

Anthony G. Brown
Lieutenant Governor

August 19, 2014



Ms. Jewel G. Cox
ExxonMobil Environmental Services
Suite 106 #232
1016 West Poplar Avenue
Collierville TN 38017

Mr. Marshal Hare
Director of Facilities
Mid-Atlantic Convenience Stores, LLC
1011 Boulder Springs Drive, Suite 100
Richmond VA 23225

**RE: REQUEST FOR MONITORING WELL ABANDONMENT
FINAL REQUIREMENT FOR OFF-SITE SAMPLING
Case No. 2006-0245-FR
Former Exxon RAS #2-6463
8816 Fingerboard Road, Urbana
Frederick County, Maryland
Facility I.D. No. 6299**

Dear Ms. Cox and Mr. Hare:

The Oil Control Program has completed a review of the case file for the above-referenced property, including the *Request for Case Closure - June 30, 2014*. The active underground storage tank (UST) system is comprised of two 15,000-gallon gasoline tanks and a 20,000-gallon compartmentalized diesel/gasoline tank. Currently, there are sixteen groundwater monitoring wells and one private drinking water supply well located on-site. Historic analysis of groundwater samples from the monitoring well network has detected methyl tertiary-butyl ether (MTBE) up to 71,200 parts per billion (ppb). Remedial activities included removal of the first and second generation UST systems and the excavation of more than 1,500 tons of contact soil and pea gravel for proper off-site disposal. The time series groundwater sampling data have demonstrated a decreasing trend in MTBE in the monitoring well network. In February 2014, MTBE was detected up to 290 ppb in the monitoring well network. A sample collected from the station's drinking water supply well was non-detect for petroleum constituents. The active UST system is located in a well head protection area.

www.mde.maryland.gov

Over the course of this investigation, groundwater sampling in the nearby residential community revealed that off-site private drinking water supply wells were impacted by MTBE at concentrations above the State's action level. In March 2009, the Department required ExxonMobil to install and maintain granular activated carbon (GAC) filtration systems on the two private supply wells. In April 2011, the *Comprehensive Site Assessment Report* identified the human ingestion of MTBE, via impacted off-site private drinking water supply wells, as the primary pathway of concern. In August 2011, the Department approved the *Corrective Action Plan* which sought mitigation of the identified exposure pathway by connecting the residential properties at 3514 Urbana Pike and 8826 Fingerboard Road to the municipal water supply. Following coordination with the property owner and Frederick County, the Department understands the connection of 3514 Urbana Pike to the municipal water supply is pending.

Samples collected from the private drinking water supply well at 8826 Fingerboard Road have demonstrated that concentrations of dissolved phase petroleum constituents (pre-filtration) have remained non-detect for a period of more than two years. The Department understands the property owner has not been receptive to connecting the property to the municipal supply. In June 2014, an evaluation completed in accordance with the Department's *Maryland Environmental Assessment Technology (MEAT) for Leaking Underground Storage Tanks* guidance document determined the risk of exposure is below the Department's guidance and threshold levels. The *Request for Case Closure* proposes proper abandonment of twelve of the monitoring wells, annual sampling of four of the monitoring wells, and the connection of 3514 Urbana Pike to the municipal water supply system. The Department understands that a request is pending to transfer operation and maintenance responsibility for the remaining GAC filtration system to the owners of 8826 Fingerboard Road.

Based on our review of the site specific information provided, the Department agrees to amend the requirements of the approved *Corrective Action Plan*. Considering the site is located in a well head protection area, the Department requires the following:

- (1) Properly abandon site monitoring wells MW-1, MW-3, MW-4, MW-6, MW-7, MW-8, MW-10, MW-11, MW-12, MW-13, MW-15, and MW-16 under the supervision of a Maryland-licensed well driller in accordance with Code of Maryland Regulations (COMAR) 26.04.04.11. Upon completion of well abandonment activities, provide a copy of the well abandonment reports to both the Oil Control Program (Attn: Mr. Jim Richmond) and the Frederick County Health Department (Attn: Mr. George Keller). The Oil Control Program anticipates receiving the monitoring well abandonment reports **no later than October 31, 2014.**
- (2) Continue annual sampling (every twelve months) of monitoring wells MW-2, MW-5, MW-9, and MW-14. All samples collected from the monitoring well network must be analyzed for full-suite volatile organic compounds (VOCs), including fuel oxygenates and naphthalene, using EPA Method 8260.
- (3) Continue annual sampling of the station's drinking water supply well. All samples collected from the supply well must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 524.2.

- (4) In August 2014, complete a final round of sampling at 3514 Urbana Pike using EPA Method 524.2. The concentration of MTBE has remained below half of the State's action level for more than two years. The Department understands that ExxonMobil and its environmental consultant will continue to coordinate with the property owner and Frederick County personnel to provide municipal water to the property at 3514 Urbana Pike. Provide the Department with written confirmation that the property has been connected to the municipal water supply. Once completed, the Department will require removal of the GAC filtration system and abandonment of the former drinking water supply well under the supervision of a Maryland-licensed well driller and the submittal of a well abandonment report.
- (5) In August 2014, complete a final round of sampling at 8826 Urbana Church Road (Fingerboard Road). By copy of this letter, the property owner at 8826 Urbana Church Road (Map 96 Parcel 165) is notified of the amended *Corrective Action Plan*. Provided that the results of the required August 2014 sampling event confirm the absence of VOCs, the Department will not require further sampling of the respective drinking water supply well. Coordinate with the property owner(s) to determine if they want to retain the GAC filtration system and assume all future responsibility for its operation and maintenance, or if they want to have the GAC system removed. If the property owner(s) elect to remove the GAC system, you are required to contract a licensed plumber to dismantle the GAC system and reconnect the supply well to the plumbing system. Please notify the Oil Control Program and the Frederick County Health Department in writing as to which option is selected.
- (6) Notify the Oil Control Program at least five (5) working days prior to completing monitoring well abandonment so we have an opportunity to observe field activities.

Upon completion of the above listed activities and the submittal of proper documentation, the Oil Control Program will evaluate this case for closure. If you have any questions, please contact the case manager, Mr. Jim Richmond, at 410-537-3337 (jim.richmond@maryland.gov) or me at 410-537-3499 (susan.bull@maryland.gov).

Sincerely,



Susan R. Bull, Western Region Section Head
Remediation and State-Lead Division
Oil Control Program

JWR/nln

cc: Mr. Donald Trego (Kleinfelder)
Mr. Adam Hood (Kiplinger Washington Editors, Inc.)
Mr. William Dent (Trustee)
Mr. George Keller (Frederick County Health Dept.)
Mr. Andrew B. Miller
Mr. Christopher H. Ralston
Mr. Horacio Tablada

Table 1
Potable Well Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
March 7, 2009 through August 28, 2014

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	Comments	
8826 Fingbrd PI	03/07/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	194	7.4	3.6	ND(0.50)	2.4	ND(0.50)		
	04/14/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	91.2	15.8	1.4	ND(0.50)	1.7	ND(0.50)		
	07/20/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	133	ND(5.0)	2.0	ND(0.50)	1.8	ND(0.50)		
	10/29/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)		
	01/27/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	92.1	ND(5.0)	1.3	ND(0.50)	1.5	ND(0.50)		
	05/21/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	35.8	ND(5.0)	0.82	ND(0.50)	1.5	ND(0.50)		
	08/30/2010	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	24	ND(25)	ND(0.5)	ND(0.5)	0.9	ND(0.5)		
	12/09/2010	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	54	ND(25)	0.8	ND(0.5)	1.1	ND(0.5)		
	01/11/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	17	ND(25)	ND(0.5)	ND(0.5)	0.6	ND(0.5)		
	06/02/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)		
	09/07/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)		
	11/09/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)		
	02/29/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)		
	05/29/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)		
	08/17/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)		
	11/28/2012	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	02/26/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	05/17/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	09/04/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	02/21/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
05/23/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)		
08/28/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)		

Table 1 (Continued)

Potable Well Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
March 7, 2009 through August 28, 2014

Notes:

µg/L - micrograms per liter (µg/L)

BRL - Below laboratory reporting limits

BTEX - Benzene, toluene, ethylbenzene, and total xylenes

DIPE - Di-Isopropyl Ether

ETBE - Ethyl Tertiary Butyl Ether

MTBE - Methyl Tert Butyl Ether

NA - Not analyzed

ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.

NS - Not sampled

TAME - Tertiary Amyl Methyl Ether

TBA - Tertiary Butyl Alcohol



CERTIFIED MAIL: 7011 0470 0000 2968 7046

September 25, 2014

Mr. Doug Colley
Kiplinger Washington Editors, Inc.
1100 13th Street NW, Suite 750
Washington, D.C. 20005-4364

**Re: Potable Well Sampling Information
3514 Urbana Pike
Frederick, MD 21704**

Dear Mr. Colley:

Kleinfelder, on behalf of Southside Oil, LLC (Southside), would like to thank you for your cooperation in allowing us to sample your drinking water well on August 28, and September 3, 2014.

The water samples taken from your well were collected at two points: 1) before the granular activated carbon (GAC) units (influent), and 2) after the units (effluent). The water samples taken from your well were tested for the presence of a number of volatile organic compounds and oxygenates found in petroleum fuels. No compounds were detected above the laboratory method detection limit in the samples. The tests were conducted utilizing EPA approved methods and copies of the laboratory reports are enclosed.

If you have questions regarding the enclosed analytical results please contact the undersigned at 410-850-0404.

Sincerely,
Kleinfelder

Timothy Boswell
Geologist

Mark C Steele
Senior Program Manager

Enclosures

cc: Mr. Jim Richmond – Maryland Department of the Environment
Mr. George Keller – Frederick County Health Department
Ms. Devon Watts – Sunoco (ENFOS)
Tenant – 3514 Urbana Pike, Frederick, MD 21704

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

September 08, 2014

Project: Southside Oil 26463

Submittal Date: 08/29/2014
Group Number: 1499912
PO Number: 51141-291467
State of Sample Origin: MD

Client Sample Description

3514 Urbana PE Grab Water

Lancaster Labs (LL) #

7583435

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder

Attn: Mark Steele
Attn: Venelda Williams
Attn: Charlie Low
Attn: Jennifer Kozak
Attn: Sean Rochford

Respectfully Submitted,



Amek Carter
Specialist

(717) 556-7252

Sample Description: 3514 Urbana PE Grab Water
26463

LL Sample # PW 7583435
LL Group # 1499912
Account # 12152

Project Name: Southside Oil 26463

Collected: 08/28/2014 10:30 by CL

Kleinfelder

550 West C Street, Suite 1200
San Diego CA 92101

Submitted: 08/29/2014 16:50

Reported: 09/08/2014 09:33

U43PE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	< 1.0	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

Sample Description: 3514 Urbana PE Grab Water
26463

LL Sample # PW 7583435
LL Group # 1499912
Account # 12152

Project Name: Southside Oil 26463

Collected: 08/28/2014 10:30 by CL

Kleinfelder

550 West C Street, Suite 1200
San Diego CA 92101

Submitted: 08/29/2014 16:50

Reported: 09/08/2014 09:33

U43PE

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S142461AA	09/03/2014 22:32	Kevin A Sposito	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/08/14 at 09:33 AM

Group Number: 1499912

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: S142461AA	Sample number(s): 7583435							
Acetone	< 5.0	5.0	ug/l	113		70-130		
Acrolein	< 50	50.	ug/l	100		70-130		
Acrylonitrile	< 10	10.	ug/l	105		70-130		
t-Amyl Methyl Ether	< 0.5	0.5	ug/l	87		70-130		
Benzene	< 0.5	0.5	ug/l	97		70-130		
Bromodichloromethane	< 0.5	0.5	ug/l	101		70-130		
Bromoform	< 0.5	0.5	ug/l	108		70-130		
Bromomethane	< 0.5	0.5	ug/l	107		70-130		
2-Butanone	< 5.0	5.0	ug/l	98		70-130		
t-Butyl Alcohol	< 25	25.	ug/l	112		70-130		
n-Butylbenzene	< 0.5	0.5	ug/l	102		70-130		
sec-Butylbenzene	< 0.5	0.5	ug/l	100		70-130		
tert-Butylbenzene	< 0.5	0.5	ug/l	100		70-130		
Carbon Tetrachloride	< 0.5	0.5	ug/l	108		70-130		
Chlorobenzene	< 0.5	0.5	ug/l	94		70-130		
Chloroethane	< 0.5	0.5	ug/l	112		70-130		
Chloroform	< 0.5	0.5	ug/l	100		70-130		
Chloromethane	< 0.5	0.5	ug/l	94		70-130		
Dibromochloromethane	< 0.5	0.5	ug/l	113		70-130		
1,2-Dichlorobenzene	< 0.5	0.5	ug/l	100		70-130		
1,3-Dichlorobenzene	< 0.5	0.5	ug/l	100		70-130		
1,4-Dichlorobenzene	< 0.5	0.5	ug/l	98		70-130		
1,1-Dichloroethane	< 0.5	0.5	ug/l	112		70-130		
1,2-Dichloroethane	< 0.5	0.5	ug/l	113		70-130		
1,1-Dichloroethene	< 0.5	0.5	ug/l	108		70-130		
cis-1,2-Dichloroethene	< 0.5	0.5	ug/l	98		70-130		
trans-1,2-Dichloroethene	< 0.5	0.5	ug/l	103		70-130		
1,2-Dichloropropane	< 0.5	0.5	ug/l	108		70-130		
cis-1,3-Dichloropropene	< 0.5	0.5	ug/l	93		70-130		
trans-1,3-Dichloropropene	< 0.5	0.5	ug/l	97		70-130		
Ethyl t-Butyl Ether	< 0.5	0.5	ug/l	100		70-130		
Ethylbenzene	< 0.5	0.5	ug/l	95		70-130		
di-Isopropyl Ether	< 0.5	0.5	ug/l	101		70-130		
Isopropylbenzene	< 0.5	0.5	ug/l	95		70-130		
p-Isopropyltoluene	< 0.5	0.5	ug/l	96		70-130		
Methyl Tertiary Butyl Ether	< 0.5	0.5	ug/l	100		70-130		
Methylene Chloride	< 0.5	0.5	ug/l	108		70-130		
Naphthalene	< 0.5	0.5	ug/l	82		70-130		
n-Propylbenzene	< 0.5	0.5	ug/l	99		70-130		
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/l	101		70-130		
Tetrachloroethene	< 0.5	0.5	ug/l	90		70-130		
Toluene	< 0.5	0.5	ug/l	98		70-130		
1,1,1-Trichloroethane	< 0.5	0.5	ug/l	103		70-130		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder

Group Number: 1499912

Reported: 09/08/14 at 09:33 AM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
1,1,2-Trichloroethane	< 0.5	0.5	ug/l	97		70-130		
Trichloroethene	< 0.5	0.5	ug/l	101		70-130		
Trichlorofluoromethane	< 0.5	0.5	ug/l	117		70-130		
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/l	100		70-130		
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/l	101		70-130		
Vinyl Chloride	< 0.5	0.5	ug/l	106		70-130		
Xylene (Total)	< 0.5	0.5	ug/l	97		70-130		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: EPA Method 524.2

Batch number: S142461AA

4-Bromofluorobenzene 1,2-Dichlorobenzene-d4

7583435	86	90
Blank	90	91
LCS	99	106
Limits:	80-120	80-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Client: <u>Southside Oil</u>		Acct. #:		Matrix		Analyses Requested						For Lab Use Only			
Project Name/#: <u>26463</u>		PWSID #:				Potable	NPDES	Preservation Codes						FSC: _____	
Project Manager: <u>Sean Rochford</u>		P.O. #: <u>51141-291467</u>		Other								SCR#: _____			
Sampler: <u>Charlie Law</u>		Quote #:										Soil			
Name of State where samples were collected: <u>Maryland</u>				Composite		Total # of Containers									
												Water		524.2 Full Oxy5	
Sample Identification		Date Collected		Time Collected		Grab		Soil		Water					
3514 Urbana PE		8-28-14		1030		x				x					
3514 Urbana PI		8-28-14		1040		x				x					
3514 Urbana PM		8-28-14		1035		x				x					

Turnaround Time Requested (TAT) (please circle): <u>Normal</u> Rush (Rush TAT is subject to Lancaster Laboratories approval and surcharge.)		Relinquished by: <u>Charlie Law</u> Date: <u>8-28-14</u> Time: _____ Received by: <u>Sample Room</u> Date: _____ Time: _____	
Date results are needed: _____ Rush results requested by (please circle): Phone Fax E-mail Phone #: _____ Fax #: _____ E-mail address: _____		Relinquished by: <u>Will</u> Date: <u>8/29/14</u> Time: <u>1410</u> Received by: <u>Charlie Law</u> Date: <u>8-28-14</u> Time: <u>1412</u>	
Data Package Options (please circle if required) Type I (validation/NJ reg) TX-TRRP-13 Type II (Tier II) MA MCP CT RCP Type III (Reduced NJ) Type IV (CLP SOW) Type VI (Raw Data Only)		Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____	
SDG Complete? Yes No State-specific QC (MS/MSD/Dup)? Yes No (If yes, indicated QC sample and submit triplicate volume) Internal COC required? Yes No		Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: <u>8/29/14</u> Time: <u>1650</u>	

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300
 Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

September 12, 2014

Project: Southside Oil 26463

Submittal Date: 09/04/2014
Group Number: 1500985
PO Number: 51141-291467
State of Sample Origin: MD

Client Sample Description

3514 Urbana PI Grab Water

Lancaster Labs (LL) #

7587939

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder
ELECTRONIC COPY TO Kleinfelder

Attn: Mark Steele
Attn: Venelda Williams
Attn: Charlie Low
Attn: Jennifer Kozak
Attn: Sean Rochford

Respectfully Submitted,



Amek Carter
Specialist

(717) 556-7252

Sample Description: 3514 Urbana PI Grab Water
Southside Oil 26463

LL Sample # PW 7587939
LL Group # 1500985
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/03/2014 16:30 by CL

Kleinfelder

Submitted: 09/04/2014 15:40

550 West C Street, Suite 1200

Reported: 09/12/2014 12:59

San Diego CA 92101

URBPI

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	< 1.0	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

Sample Description: 3514 Urbana PI Grab Water
Southside Oil 26463

LL Sample # PW 7587939
LL Group # 1500985
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/03/2014 16:30 by CL

Kleinfelder

550 West C Street, Suite 1200
San Diego CA 92101

Submitted: 09/04/2014 15:40

Reported: 09/12/2014 12:59

URBPI

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S142483AA	09/06/2014 04:22	Kevin A Sposito	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/12/14 at 12:59 PM

Group Number: 1500985

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: S142483AA	Sample number(s): 7587939							
Acetone	< 5.0	5.0	ug/l	124		70-130		
Acrolein	< 50	50.	ug/l	98		70-130		
Acrylonitrile	< 10	10.	ug/l	110		70-130		
t-Amyl Methyl Ether	< 0.5	0.5	ug/l	83		70-130		
Benzene	< 0.5	0.5	ug/l	98		70-130		
Bromodichloromethane	< 0.5	0.5	ug/l	107		70-130		
Bromoform	< 0.5	0.5	ug/l	106		70-130		
Bromomethane	< 0.5	0.5	ug/l	116		70-130		
2-Butanone	< 5.0	5.0	ug/l	106		70-130		
t-Butyl Alcohol	< 25	25.	ug/l	120		70-130		
n-Butylbenzene	< 0.5	0.5	ug/l	102		70-130		
sec-Butylbenzene	< 0.5	0.5	ug/l	96		70-130		
tert-Butylbenzene	< 0.5	0.5	ug/l	96		70-130		
Carbon Tetrachloride	< 0.5	0.5	ug/l	112		70-130		
Chlorobenzene	< 0.5	0.5	ug/l	93		70-130		
Chloroethane	< 0.5	0.5	ug/l	121		70-130		
Chloroform	< 0.5	0.5	ug/l	108		70-130		
Chloromethane	< 0.5	0.5	ug/l	113		70-130		
Dibromochloromethane	< 0.5	0.5	ug/l	115		70-130		
1,2-Dichlorobenzene	< 0.5	0.5	ug/l	101		70-130		
1,3-Dichlorobenzene	< 0.5	0.5	ug/l	100		70-130		
1,4-Dichlorobenzene	< 0.5	0.5	ug/l	100		70-130		
1,1-Dichloroethane	< 0.5	0.5	ug/l	120		70-130		
1,2-Dichloroethane	< 0.5	0.5	ug/l	121		70-130		
1,1-Dichloroethene	< 0.5	0.5	ug/l	105		70-130		
cis-1,2-Dichloroethene	< 0.5	0.5	ug/l	100		70-130		
trans-1,2-Dichloroethene	< 0.5	0.5	ug/l	104		70-130		
1,2-Dichloropropane	< 0.5	0.5	ug/l	115		70-130		
cis-1,3-Dichloropropene	< 0.5	0.5	ug/l	92		70-130		
trans-1,3-Dichloropropene	< 0.5	0.5	ug/l	94		70-130		
Ethyl t-Butyl Ether	< 0.5	0.5	ug/l	100		70-130		
Ethylbenzene	< 0.5	0.5	ug/l	95		70-130		
di-Isopropyl Ether	< 0.5	0.5	ug/l	99		70-130		
Isopropylbenzene	< 0.5	0.5	ug/l	96		70-130		
p-Isopropyltoluene	< 0.5	0.5	ug/l	96		70-130		
Methyl Tertiary Butyl Ether	< 0.5	0.5	ug/l	102		70-130		
Methylene Chloride	< 0.5	0.5	ug/l	111		70-130		
Naphthalene	< 0.5	0.5	ug/l	77		70-130		
n-Propylbenzene	< 0.5	0.5	ug/l	101		70-130		
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/l	109		70-130		
Tetrachloroethene	< 0.5	0.5	ug/l	86		70-130		
Toluene	< 0.5	0.5	ug/l	101		70-130		
1,1,1-Trichloroethane	< 0.5	0.5	ug/l	107		70-130		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder

Group Number: 1500985

Reported: 09/12/14 at 12:59 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
1,1,2-Trichloroethane	< 0.5	0.5	ug/l	104		70-130		
Trichloroethene	< 0.5	0.5	ug/l	100		70-130		
Trichlorofluoromethane	< 0.5	0.5	ug/l	118		70-130		
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/l	102		70-130		
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/l	102		70-130		
Vinyl Chloride	< 0.5	0.5	ug/l	116		70-130		
Xylene (Total)	< 0.5	0.5	ug/l	98		70-130		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: EPA Method 524.2

Batch number: S142483AA

4-Bromofluorobenzene 1,2-Dichlorobenzene-d4

7587939	86	88
Blank	87	86
LCS	96	109
Limits:	80-120	80-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Client: <u>Southside Oil</u>		Acct. #: _____		Matrix			Analyses Requested					For Lab Use Only	
Project Name/#: <u>26463</u>		PWSID #: _____											
Project Manager: <u>Sean Rochford</u>		P.O. #: <u>51141-291467</u>		Total # of Containers								SCR#: _____	
Sampler: <u>Charlie Cow</u>		Quote #: _____										X	
Name of State where samples were collected: <u>Maryland</u>				Soil	Water	Other						Remarks	
Sample Identification		Date Collected	Time Collected	Grab	Composite						Temperature of samples upon receipt (if requested)		
<u>3514 Urbana PE</u>				x		x							
<u>3514 Urbana PI</u>		<u>9-3-14</u>	<u>1630</u>	x		x							
<u>3514 Urbana PM</u>				x		x							
<i>[Signature]</i>													

Turnaround Time Requested (TAT) (please circle): <u>Normal</u> Rush <small>(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)</small>		Relinquished by: <i>[Signature]</i>		Date	Time	Received by: <u>Sample Room</u>		Date	Time
Date results are needed: _____		Relinquished by: <u>Sample Room</u>		Date	Time	Received by: <i>[Signature]</i>		Date	Time
Rush results requested by (please circle): Phone Fax E-mail		Relinquished by: <i>[Signature]</i>		Date	Time	Received by: <i>[Signature]</i>		Date	Time
Phone #: _____ Fax #: _____		Relinquished by: _____		Date	Time	Received by: _____		Date	Time
E-mail address: _____		Relinquished by: _____		Date	Time	Received by: _____		Date	Time
Data Package Options (please circle if required)		SDG Complete?		Relinquished by: _____		Received by: _____		Date Time	
Type I (validation/NJ reg) TX-TRRP-13		Yes No		Relinquished by: _____		Received by: _____		Date Time	
Type II (Tier II) MA MCP CT RCP		State-specific QC (MS/MSD/Dup)? Yes No		Relinquished by: _____		Received by: _____		Date Time	
Type III (Reduced NJ)		(If yes, indicated QC sample and submit triplicate volume)		Relinquished by: _____		Received by: _____		Date Time	
Type IV (CLP SOW)		Internal COC required? Yes No		Relinquished by: _____		Received by: <u>9/14/14</u>		Date Time	
Type VI (Raw Data Only)				Relinquished by: _____		Received by: _____		Date Time	

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300
 Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

RECEIVED
MAR 20 2016

PUBLIC WORKS AGREEMENT

874-W

BY: J. Krogak

WATER & SEWER

It is hereby agreed this 22nd^{6th} day of ~~January~~ March, 2016, by and between FREDERICK COUNTY, MARYLAND, a body politic and corporate, hereinafter referred to as "COUNTY" and ^{The} Kiplinger Washington Editors, Inc., hereinafter referred to as the "DEVELOPER," as follows:

1. The Developer is the legal owner of certain lands in Frederick County, State of Maryland, described as:

Property located at 3514 Urbana Pike, Frederick, Maryland 21701;
Tax Map 0096, Parcel 0054, Tax ID# 07-202350

2. That easements to the County for all areas where public sewer and water collection, transport and treatment facilities (hereinafter referred to as "Systems"), and any deeds to the County for sewer or water facilities for treatment plants, pumping stations and the like or other sites needed for the systems must be recorded among the Land Records of Frederick County, Maryland at the expense of the Developer prior to the construction of systems.

3. The Developer has applied to the County for the construction of the necessary permanent sewerage collection facilities and a permanent water supply and distribution

system to serve the above subject property. The County shall construct the necessary systems to serve the subject property at the expense of the Developer, and thereafter the County shall own and operate said systems. The Developer agrees to convey or sign any future agreements needed to fulfill the terms of this Agreement.

4. The design of the systems has been undertaken by the Developer, and once approved by the County, all construction of the systems shall be in accordance with the standard specifications and details of the County.

5. The Developer agrees that all costs and expenses incurred by the County in connection with review, approval and design of engineering, construction, inspection, and any other costs incurred in relation to this project shall be borne by the Developer, payable as follows:

a. The Developer shall pay to the County the amount of the construction contract price plus fifteen percent (15%) for contingencies prior to the execution of the construction contract or the Developer shall arrange for a letter of credit or other financial arrangement approved by the County to assure the completion of the project and the payment of all costs by the Developer. Any such financial assurances of completion must be with a financial institution with an office in the State of Maryland and the assurance shall not expire sooner than one (1) year after the acceptance by the County of the project. In any event, the arrangement with the financial institution shall provide that the County shall be authorized to withdraw part or all of the funds to pay the contractor. If cash payment in advance is given, these funds will be put in an interest bearing escrow account, with the interest paid to the Developer by the County within a reasonable time

after interest is credited to the account by the financial institution. The County will withdraw the gross amount of the periodic payment estimates from the escrow account, pay the contractor, and notify the Developer of this transaction. Any unused portion of the construction advance will be refunded to the Developer after the construction has been completed and accepted by the County. If the cost of the construction exceeds the advance, the Developer shall pay the additional monies necessary as billed by the County and prior to acceptance or operation of the systems by the County.

b. The Developer will pay a design review fee for the review of the design plans for the systems, in advance, in accordance with the fee schedule attached hereto and made a part of this contract.

c. The Developer will pay inspection fees prior to the execution of the contract in accordance with the fee schedule of the County attached hereto and made part of this contract.

6. A construction permit shall be issued by the County before construction begins.

7. It is understood and agreed that the County may wish to install systems in excess of those required to serve the Developer's project. In any event, the County may request information from Developer's contractor of the cost to accomplish both purposes, and the County will pay the cost of the systems (oversizing) in excess of that needed to construct the systems necessary to serve the Developer's project.

8. The Developer shall pay the prevailing connection fees for water and/or sewer service for each equivalent unit, as calculated by the County, to be connected to any system prior to the approval of plumbing or building permits.

9. If the Developer complies with the above applicable conditions, the County shall award the Contract to the Developer's contractor. If for any reason such award is not made, all unspent and uncommitted funds of the Developer remaining in the hands of the County will be returned to the Developer.

10. In the construction of the systems:

a. The County shall have the sole right to approve change orders relating to the construction of the Systems. A copy of such change orders shall be transmitted to the Developer. However, approval of change orders requested by the Developer will not unreasonably be withheld by the County.

b. The County shall not be liable to the Developer for any delay or default or for any other reason in the construction of the project.

11. The Developer shall not have the right to assign this Agreement without approval of the County.

12. Every notice, approval, consent or other communication authorized or required by this Agreement shall be effective if the same is in writing and sent, postage prepaid, by United States mail, directed to the other party at their addresses hereinafter mentioned, or such other address as either of the parties may designate by notice given from time to time in accordance with this paragraph. Notices necessary and provided in this Agreement shall be mailed to:

For the County:

Frederick County, Maryland
Attention: Division of Utilities & Solid Waste Management
4520 Metropolitan Court
Frederick, Maryland 21704

For the Developer:

Kiplinger Washington Editors, Inc.

c/o Kleinfelder, Inc.

Attention: Paxton Wertz

1340 Charwood Road, Suite I

Hanover, Maryland 21076

13. This Agreement may be executed in several counterparts, each of which shall be original, but all of which shall constitute one and the same instrument.

14. This Agreement sets forth all of the promises, agreements, conditions and understandings between the County and the Developer relative to the subject matter hereof, and there are no promises, agreements, conditions, or understandings, either written or oral, expressed or implied, between them or other than as herein set forth. Except as herein otherwise specifically provided, no subsequent alterations, amendments, changes or additions to this Agreement shall be binding upon the County or Developer unless reduced to writing and signed by each party.

IN WITNESS THEREOF, the parties hereto have hereunto set their hands and seals, or caused these presents to be signed by their proper corporate officials and their

proper corporate seals to be hereto affixed, on the date and year first above written.

ATTEST:

FREDERICK COUNTY, MARYLAND, a
body corporate and politic

Lozi Anan

By: * Jan H. Gardner (SEAL)
Jan H. Gardner, County Executive

KRM
3/22/16

ATTEST:

The Kiplinger Washington Editors, Inc.

Douglas J. Colley

By: Corbin M. Wilkes (SEAL)
Authorized signer name and title

**Corbin M. Wilkes
Executive Vice President
& Chief Financial Officer**

AS-BUILT DRAWING 7-19-2016
 McCRONE ATTESTS THAT THE REPRODUCIBLE DRAWINGS WERE NOT ALTERED WITH THE EXCEPTION OF ADDING CONTRACTOR/ENGINEER CHANGES.
 RYAN J. RANGEL, P.E. 7-19-2016 DATE

URBANA WATER MAIN EXTENSION

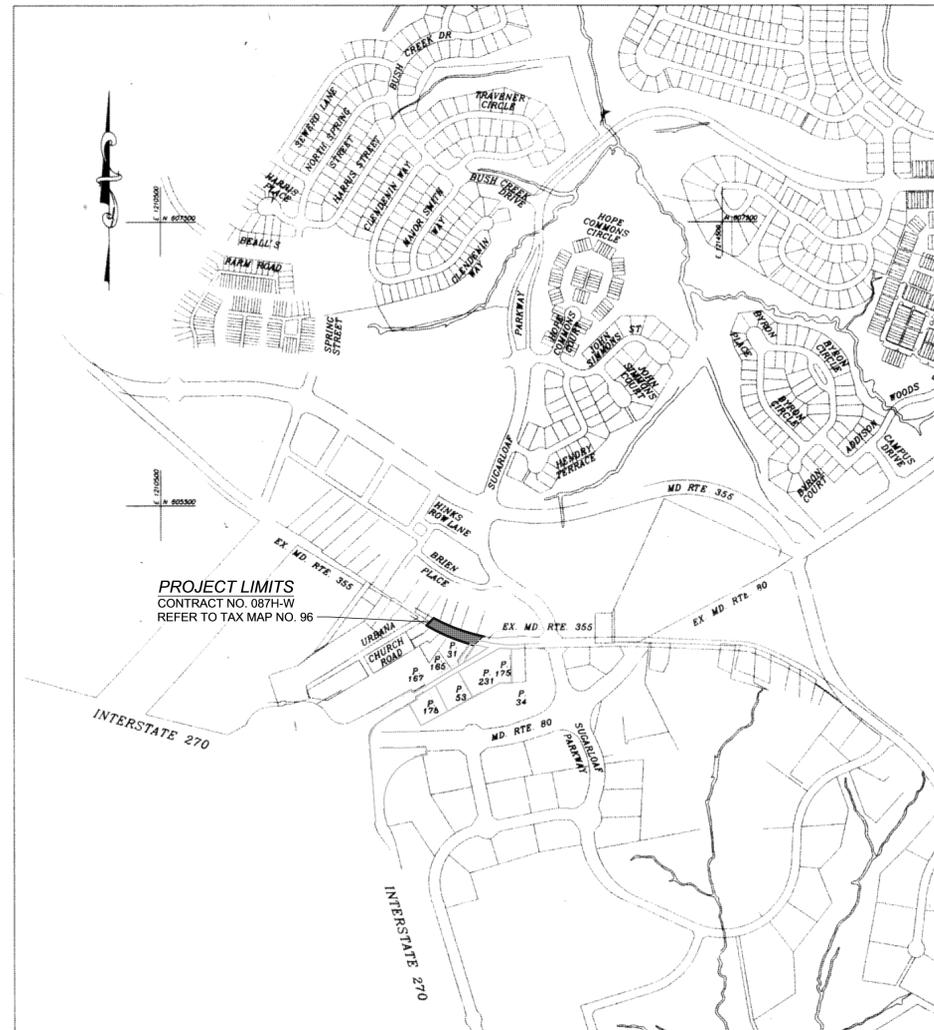
FREDERICK COUNTY CONTRACT NO. 087H-W

FREDERICK COUNTY, MARYLAND



GENERAL NOTES

- ALL WATER MAINS TO BE DUCTILE IRON, CLASS 52, EXCEPT 6" DIAMETER AND SMALLER SHALL BE CLASS 54 - DOUBLE CEMENT LINED UNLESS OTHERWISE NOTED.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE INDICATED.
- DEVELOPER SHALL SET ALL PROPERTY PIPES AND C/L STATIONS NECESSARY TO STAKE OUT THIS CONSTRUCTION.
- ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH FREDERICK COUNTY GENERAL CONDITIONS AND STANDARD SPECIFICATIONS AND DETAILS FOR WATER MAINS, SANITARY SEWERS, AND RELATED STRUCTURES. SPECIAL PROVISIONS AND AMENDMENTS THERETO FOR DETAILS NOT SHOWN ON THE CONTRACT DRAWINGS. SEE FREDERICK COUNTY STANDARD DETAILS.
- IF SHA PUBLIC UTILITY PERMIT IS APPLIED FOR, UNDER SECTION IV THE CONTRACTOR SHALL BE NAMED AS THE "TRAFFIC CONTROL MANAGER". THE CONTRACTOR MUST COMPLY WITH ALL SHA TRAFFIC CONTROL STANDARDS.
- THE CONTRACTOR SHALL NOT TAP OR PENETRATE EXISTING WATER AND/OR SEWER MAINS WITHOUT APPROVAL FROM FREDERICK COUNTY DUSWM.
- THE CONTRACTOR SHALL NOT OPERATE VALVES ON EXISTING COUNTY - OWNED MAINS.
- CONTRACTOR TO ASSUME ALL RESPONSIBILITY IN VERIFYING LOCATIONS AND ELEVATIONS OF ALL EXISTING UNDERGROUND UTILITIES IN THE VICINITY OF THIS CONSTRUCTION. THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN THE VICINITY OF PROPOSED UTILITIES AND AT HIS OWN EXPENSE.
- CLEAR ALL UTILITIES BY A MINIMUM OF 1'-0" VERTICALLY. CLEAR ALL POLES BY 5'-0" HORIZONTALLY OR TUNNEL AS REQUIRED. COST FOR TUNNELING OR BRACING AT POLES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR WATER & SEWER CONSTRUCTION.
- ALL MATERIAL STOCKPILES LEFT AT THE END OF EACH WORK DAY REQUIRE STABILIZATION UNTIL THE NEXT REDISTURBANCE.
- CONTRACTOR SHALL REPAIR/REPLACE ANY DAMAGED SEDIMENT CONTROL DEVICES DURING THE SAME WORKING DAY.
- MAINTAIN A MINIMUM OF 10'-0" HORIZONTAL CLEARANCE BETWEEN WATER AND SEWER MAINS AND 5'-0" HORIZONTAL BETWEEN ALL OTHER UTILITIES.
- FOR DETAILS NOT SHOWN ON THE CONTRACT DRAWINGS, SEE FREDERICK COUNTY STANDARD SPECIFICATIONS.
- FOR MATERIALS AND CONSTRUCTION METHODS, USE FREDERICK COUNTY STANDARD DETAILS.
- DURING PUMPING OPERATION, NO WATER WILL BE DISCHARGED DIRECTLY ACROSS THE GROUND OR INTO ANY EXISTING BODY OF WATER OR STREAM WITHOUT FIRST BEING PUMPED TO AN APPROVED TEMPORARY SEDIMENT TRAP/DESILTING STRUCTURE. SEE SCD APPROVED SEDIMENT CONTROL PLAN.
- FOR REQUIRED SEDIMENT CONTROL MEASURES REFER TO SHEET 3
- ALL VALVES SPECIFIED MUST BE RESILIENT SEAT GATE VALVES.
- ALL PIPE JOINTS MUST BE TYTON JOINT PIPE UNLESS OTHERWISE NOTED. SEE FREDERICK COUNTY STANDARD DETAIL NO. 101.
- THE DEVELOPER SHALL LOCATE TO WITHIN ONE HALF FOOT OF FINISHED SUBGRADE IN AREAS OF WATER AND SEWER INSTALLATION PRIOR TO STARTING ANY TRENCHING WORK FOR THE WATER AND SEWER LINES.
- ALL WATER LINE TO BE BUILT TO THREE AND ONE HALF FOOT MINIMUM COVER BELOW FINISHED GRADE.
- ALL PROPOSED WATER MAINS TO BE CONSTRUCTED UNDER THIS CONTRACT ARE IN PRESSURE ZONE TWO.
- EXCAVATION WITHIN A STATE ROAD RIGHT OF WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS IN PERMIT NO. (TBD) ISSUED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION (SHA).
- PLACE REGULATION "MEN WORKING" AND WARNING SIGNS AS REQUIRED TO COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING SILT AND DEBRIS OUT OF EXISTING STORM DRAINAGE SYSTEMS FOR THE DURATION OF THE CONTRACT. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTY OWNERS AT ALL TIMES. THE CONTRACTOR WITH OWNER APPROVAL WILL COORDINATE WITH PROPERTY OWNERS IF ACCESS MUST BE INTERRUPTED FOR SHORT TIME PERIODS.
- ALL HORIZONTAL AND LOWER VERTICAL BENDS TO BE BUTTRESSED. SEE FREDERICK COUNTY STD. DETAIL NO. 102.
- ALL CAPS, TEES AND PLUGS TO BE BUTTRESSED. SEE FREDERICK COUNTY STD. DETAIL NO. 103.
- REFER TO FREDERICK COUNTY STD. DETAIL NO. 108 FOR SETTING FIRE HYDRANTS.
- ALL PROPOSED WATER & SEWER SHOWN ON THIS PLAN TO BE INSTALLED BY OPEN CUT METHOD.
- TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY FOX & ASSOCIATES, INC. DURING THE MONTH OF MAY 2012. THE HORIZONTAL AND VERTICAL DATUMS ARE BASED ON THE FREDERICK COUNTY CONTROL MONUMENT POWELL.
- ALL WATER SERVICE CONNECTIONS TO BE 3/4" TYPE 'K' COPPER TUBING. SEE STANDARD DETAIL NO. 110.1.
- THE CONTRACTOR SHALL CONTACT MISS UTILITY (1-800-257-7777), 5 DAYS PRIOR TO BEGINNING ANY EXCAVATION.
- EXISTING UTILITIES ARE SHOWN FROM THE BEST AVAILABLE RECORDS AS PROVIDED BY THE COUNTY AT THE TIME OF DESIGN. THE CONTRACTOR SHALL TEST PIT IN THE AREAS OF KNOWN UTILITIES TO VERIFY SIZE, ELEVATION, LOCATION AND TYPE PRIOR TO PERFORMING WORK. ANY UTILITY, WHETHER SHOWN OR NOT, THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED IMMEDIATELY AND AT NO EXPENSE TO THE OWNER. SHOULD THE CONTRACTOR DISCOVER DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS, THE OWNER IS TO BE NOTIFIED IMMEDIATELY. SHOULD THE CONTRACTOR MAKE FIELD CORRECTIONS AND/OR ADJUSTMENTS WITHOUT THE AUTHORIZATION OF THE OWNER, THEN THE CONTRACTOR WILL ASSUME FULL RESPONSIBILITY FOR SAID CORRECTIONS AND/OR ADJUSTMENTS.
- WHERE EXISTING UNDERGROUND UTILITIES OR OTHER STRUCTURES APPEAR TO BE IN CLOSE PROXIMITY TO PROPOSED CONSTRUCTION, OR WHEN APPROACHING EXISTING UTILITIES OR STRUCTURES FOR CROSSING OR CONNECTIONS, THE TRENCH SHALL BE OPENED A SUFFICIENT DISTANCE AHEAD OF THE WORK, OR TEST PITS MADE TO VERIFY EXACT LOCATIONS, SIZE AND INVERT OF THE UTILITY TO ALLOW FOR POSSIBLE CHANGES IN GRADE, ANY NECESSARY CHANGES IN LINE, GRADE OR MATERIAL CAUSED BY FAILURE TO TAKE SUCH PRECAUTIONS SHALL BE AT THE EXPENSE OF THE CONTRACTORS. MINOR CHANGES IN ALIGNMENT SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS IN THE PREPARATION OF REQUIRED SHOP DRAWINGS BEFORE SUBMITTING FOR APPROVAL. NO MATERIALS OR EQUIPMENT SHALL BE ORDERED OR FABRICATED PRIOR TO SHOP DRAWING APPROVAL. SHOP DRAWING APPROVAL SHALL NOT RELIEVE THE CONTRACTOR OF ANY OBLIGATIONS IN PROVIDING A COMPLETE AND FUNCTIONAL SYSTEM.
- ANY NECESSARY ADJUSTMENTS TO EXISTING UTILITIES, VALVES, ETC. ARE TO BE DONE SO BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING ANY EXISTING FENCES, DRIVEWAYS, SIGNS, DRAINAGE DITCHES, MAILBOXES, SHRUBS/TREES, ETC. DAMAGED OR REMOVED DURING CONSTRUCTION. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL OR BETTER CONDITION.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING ROADS, DRIVEWAYS, CULVERTS, DRAINAGE DITCHES, DRAIN FIELDS, UTILITIES, PIPING, STRUCTURES, FENCES AND EQUIPMENT WHICH OCCURS AS A RESULT OF HIS WORK ON THIS PROJECT, AND SHALL REPAIR TO CURRENT CONDITION OR REPLACE IN KIND ANY DAMAGED ITEMS AT NO ADDITIONAL COST TO THE OWNER.
- IT WILL NOT BE THE RESPONSIBILITY OF FREDERICK COUNTY TO REPAIR ANY PAVEMENT OR CURBING IF MAINTENANCE OF THE SEWER / WATERLINES / METER VAULTS OR C/O'S BECOME NECESSARY.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD AND/OR LOOSE SOIL PRIOR TO TRAVELING ON A PUBLIC RIGHT-OF-WAY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS OF MUD AND DUST AND TAKE WHATEVER MEASURES NECESSARY TO ENSURE THAT THE ROAD IS MAINTAINED IN A MUD AND DUST FREE CONDITION AT ALL TIMES.
- PROPERTY LINES, RIGHTS-OF-WAY AND EASEMENTS SHOWN ON THESE PLANS ARE AS SHOWN AND INDICATED IN LIBER 958 FOLIO 233. ALL PART OF THE LAND RECORDS OF FREDERICK COUNTY, MD.
- THE PROPOSED ELEVATIONS PROVIDED ON THESE CONTRACT DOCUMENTS ARE BASED ON EXISTING RECORD DRAWINGS AND AS SUCH SHOULD BE CONSIDERED APPROXIMATELY AND SUBJECT TO APPROPRIATE FIELD ADJUSTMENT AS REQUIRED.
- THE CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRING REQUIRED TO SUPPORT ALL INSTALLED EQUIPMENT, EXISTING OR NEW.
- NO WETLANDS ARE PRESENT.
- THE PROJECT CONTAINS A TOTAL OF APPROXIMATELY 3,030 SF ± OF TOTAL DISTURBED AREA. THEREFORE, THE PROJECT IS EXEMPT FROM STORM WATER MANAGEMENT REQUIREMENTS AND REVIEW.
- PROJECT AREA DOES NOT FALL WITHIN 100 YEAR FLOODPLAIN (FEMA FLOOD MAP #24021C0455D).
- NO MATERIAL STOCKPILES WILL BE PERMISSIBLE ON-SITE.
- STAGING AREA NOT REQUIRED. PIPE TO BE PLACED ALONGSIDE LOD ALONGSIDE TRENCH.
- SITE AREA COMPRISED OF SOIL TYPE MVA (MYERSVILLE SILT LOAM, 0-3% SLOPES).



VICINITY MAP
SCALE: 1" = 600'

ABBREVIATIONS

AASHTO	At	N.T.S.	Not To Scale
Approx. Bldg.	American Association Of State Highway & Transportation Officials	No. O.C.	Number On Center
C/C	Approximate Building	Prop.	Proposed
Clr.	Center Line	PSI	Pounds Per Square Inch
C.O.	Center To Center	PC	Point Of Curve
Conc.	Clear	PT	Point Tangent
CMU	Cleanout	PVC	Pressure Reducing Valve
Dia./Ø	Concrete	S.	Polyvinylchloride
D.I.C.L.	Concrete Masonry Unit	SHC	Sewer House Connection
Elev.	Ductile Iron Cement Lined	S.S.	Stainless Steel
Exist./Ex.	Ductile Iron Cement Lined	Sta.	Station
E/W	Elevation	TOM	Top of Main
F.D.	Existing	Typ.	Typical
FFE	Each Way	TK	Thick
Horiz. Inv.	Floor Drain	TBR	To Be Removed
Inv.	Finished Floor Elevation	Vert.	Vertical
LOD	Horizontal	WHC	Water House Connection
MSHA	Invert	WWF	Welded Wire Frame
Min.	Limits Of Disturbance	W	Water
Max.	MD State Highway Administration	W/W	With
Reinf.	Minimum	W/S	Water / Sewer
Req'd.	Maximum	WV	Water Valve
	Reinforcing	WM	Water Meter Setting
	Required	WSE	Water Surface Elevation

LEGEND

	EXISTING	PROPOSED
STREET CENTERLINE	—	—
MAIL BOX	Ⓜ	
SEWER MANHOLE	Ⓢ	
STORM DRAIN MANHOLE	Ⓢ	
STORM DRAIN PIPE	—	—
STORM DRAIN GRATE	Ⓢ	
FIRE HYDRANT	Ⓜ	
WATER VALVE	Ⓜ	
WATER METER	Ⓜ	
WATER MAIN	—	—
BOLLARD	●	
UTILITY POLE	Ⓢ	
GUY WIRE	—	
SIGN	Ⓜ	
EXISTING 1' CONTOUR	—341—	
EXISTING 5' CONTOUR	—340—	
WOOD FENCE	—	
TREE CANOPY	—	
BENCHMARK	Ⓜ	

LIST OF DRAWINGS

SHEET	TITLE
1	COVER SHEET
2	PLAN AND PROFILE
3	DETAILS

SEQUENCE OF CONSTRUCTION

- CONTRACTOR SHALL HOLD PRECONSTRUCTION MEETING WITH FREDERICK ECS PRIOR TO BEGINNING WORK.
- INSTALL PERIMETER CONTROLS AS INDICATED ON THE PLAN.
- COMPLETE INSTALLATION OF WATERLINE.
- CONTACT FREDERICK ECS FOR FINAL INSPECTION AND REMOVE SEDIMENT CONTROL MEASURES.

INSPECTOR'S CHECKLIST

TYPE OF INSPECTION	MISC. COMMENTS/INITIALS
PRECONSTRUCTION MEETING	
COMPLETION OF SEDIMENT CONTROL MEASURES	
PRIOR TO MODIFICATION OR REMOVAL OF SED. CONTROL	

PARCEL #	STREET NAME	TAX ID NO.	SINGLE / DOUBLE	METER DIST. FROM PROP. CORNERS (L/R)	METER DIST. FROM MAIN	DIA	STATION OF CORPORATION VALUE
PARCEL 54	URBANA PIKE	DISTRICT 07, NO 202350	SINGLE	33' L 18'R	18'	3/4"	STA. 2+74.89

ITEM	ESTIMATED	UNITS	AS-BUILT	SUPPLIER/MATERIAL
8" WATER	303-265	LF		
STD HYDRANT		EA		
CAP & BLOWOFF	1	EA		
WHC - 3/4"	1	EA		
8" GATE VALVE	1	EA		

FREDERICK COUNTY DIVISION OF PERMITTING AND DEVELOPMENT REVIEW

APPROVED: *[Signature]* DATE: 7/16/15
 DEVELOPMENT REVIEW CHIEF

APPROVED: *[Signature]* DATE: 7/16/15
 STORMWATER MANAGEMENT

Reviewed in accordance with local County Requirements. Frederick County assumes no liability for design and/or construction. Approval is valid for two (2) years (one (1) year if public water or sewer is involved) after the last date shown. The project must be under construction before the approval expiration to be considered active. Otherwise, resubmittal of plans, including applicable fees, must be made to Development Review for reapproval. Fees for submittal cannot be waived.

REV. #	DATE	REVISION DESCRIPTION	CONSULTANT DATE AND INITIAL	DEV. REVIEW DATE AND INITIAL
1	08/11/15	FILL IN THESE BLOCKS FOR REVISIONS ONLY	08-11-15	08-23-15

APPROVAL STAMP

SCD APPROVAL FOR EROSION AND SEDIMENT CONTROL IS CONTINGENT UPON ISSUANCE OF ALL APPLICABLE REGULATORY PERMITS

FREDERICK SOIL CONSERVATION DISTRICT

APPROVED BY: *[Signature]* DISTRICT MANAGER
 DATE: 8/11/15

CATCOTIN AND FREDERICK SOIL CONSERVATION DISTRICT ORIGINAL SIGNATURE AFFIXED - ALTERATIONS PROHIBITED -



REV. #	DATE	DESCRIPTION
1	APRIL 2014	ISSUE INTERNATIONAL WATER MAINS (10000019)
2	JUNE 2015	REVISE SCD NOTES AND LOCATION OF EX. WATER MAIN

McCRONE
 ENGINEERS • SURVEYORS • PLANNERS
 ANNAPOLIS • CENTREVILLE • ELKTON • SALISBURY

DATE	JOB NUMBER	SCALE	DRAWN BY	DESIGNED BY	APPROVED BY	FOLDER REFERENCE
May 24, 2015	CT10019	As Shown			RL	

COVER SHEET FOR: URBANA WATER MAIN EXTENSION CONTRACT NO. 087H-W URBANA FREDERICK CO. MARYLAND

SHEET NO.: 1

FILE NO.: COVER SHEET.dwg

PLOTTED: Feb 12, 2015 - 4:27pm Q:\1100019 - Urbana Water Main Extension\Design\Drawings\COVER SHEET.dwg

APP-12722 AP14480



FREDERICK COUNTY GOVERNMENT

Jan H. Gardner
County Executive

DIVISION OF UTILITIES & SOLID WASTE MANAGEMENT

Department of Engineering & Planning

Kevin L. Demosky, Director
Rodney G. Winebrenner, Department Head

July 28, 2016

Mr. Paul Satterfield
Satterfield Enterprises, LLC
8409 Ramsburg Road
Thurmont, MD 21788

Re: Conditional Acceptance
Urbana Pike Water Line Extension
Frederick County Contract No: 087H-W

Dear Mr. Satterfield:

The Frederick County Department of Engineering and Planning is conditionally accepting the above referenced project as July 28, 2016. Our inspector advises that all tests meet our requirements. As per the Frederick County General Conditions and Standard Specifications, you are responsible for the quality of workmanship and materials until July 28, 2017, one year from the date of Conditional Acceptance.

All documentation for this project including Mylars, Reports, etc. Have been received by DUSWM and are approved. Operational Acceptance will be granted when DUSWM reviews the site connections.

This project consists of water and sewer services to the following lots:
Route 355 – 3514 Urbana Pike

Thank you for your cooperation during this installation.

Sincerely,
DEPARTMENT OF ENGINEERING AND PLANNING

Charles Hutchinson
Construction Manager

cc: Robert Creighton
Kathy Castelow
- Pam
- Terry
- Lauren
- Brenda

**FREDERICK COUNTY DIVISION OF PERMITTING AND DEVELOPMENT REVIEW
DEPARTMENT OF PERMITS AND INSPECTIONS**

PERMIT NUMBER

SUBMITTED BY:

APPLICATION TYPE :

APPLICATION DATE:

APPLICANT(S)

CONTRACTOR/CONTACT

PROPERTY INFORMATION

TAX ID NUMBER:
STREET ADDRESS:
SUBDIVISION:
TAX MAP:
PARCEL:
WATER TYPE:
RELATED PERMIT NUMBERS:

TOWN NAME:
UNIT/SUITE NUMBER:
LOT NUMBER:
INCORPORATED TOWN:
SEWER TYPE:
PROPERTY OWNER:

AP NAME

TYPE OF WORK

DEPARTMENT OF COMMERCE

TYPE OF CONSTRUCTION

BUILDING USE

DECLARED VALUE

DESCRIPTION OF WORK

LOCATION

BUILDING AREA		Septic Details:	Grading/Driveway Info:
SETBACKS	FRONT	New Septic?	Lot Size in Sq. Ft.
	REAR	Septic Repair?	Lot Dimensions
	RIGHT	Constructed Area Staked?	Dist. Area in Sq Ft
	LEFT	Sand Mound?	Cut/Fill in CY
		Conventional?	Is Driveway New?

**FREDERICK COUNTY DIVISION OF PERMITTING AND DEVELOPMENT REVIEW
DEPARTMENT OF PERMITS AND INSPECTIONS**

PERMIT NUMBER

Residential Information

<p>Plan Details:</p> <p>No. of Const. Plans</p> <p>No. of Plot Plans</p> <p>Blanket Plans?</p> <p>No. of Tiedowns</p> <p>Modular Dwelling</p> <p>Name of Manufacture</p>	<p>If Town House, is this the initial unit in the row?</p> <p>If condo, is this for the Parent Structure?</p> <p>If replacement, is it due to casualty or loss?</p> <p>Tent Dwelling?</p> <p>Acc. Apt. in a new or existing structure</p> <p>Acc. Apt. in existing dwelling or attached to exist</p> <p>Related Business Use:</p>	<p>Mobile Home Details:</p> <p>Permanent or Temporary?</p> <p>Single Wide</p> <p>Double Wide</p> <p>Mobile Home Park</p> <p>Mobile Home Year</p>
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CURRENT REFERENCE
PURPOSE ONLY --
NOT A LEGAL DOCUMENT

<p>Basement Information:</p> <p>Unfinished Sq. Ft.</p> <p>Egress Type</p> <p>Bath</p> <p>Laundry</p> <p># of Units</p> <p>Bldg/Row</p> <p># of Bedrooms</p> <p># of Baths (half)</p> <p># of Baths (full)</p> <p># of Levels</p>	<p>Materials:</p> <p>Foundation Wall</p> <p>Exterior Wall Const.</p> <p>Exterior Wall Cov.</p> <p>Roof Type</p> <p>Roof Composition</p> <p>Interior Wall</p> <p>Floor Covering</p>	<p>Mechanical:</p> <p>Heating Fuel</p> <p>Heating System</p> <p>Central Air</p> <p>Chimney</p> <p>Fireplace</p> <p>If gas, New Propane Tank?</p>
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<p>Options:</p> <p>Elevations</p> <p>Sunroom</p> <p>Side</p> <p>Rear</p> <p>Morning Room</p> <p>Conservatory/Library</p> <p>Loft</p> <p>Garages</p> <p>Optional Room Above Garage</p> <p>Finished</p> <p>Unfinished</p> <p>Carport</p> <p><u>Room Extensions:</u></p>	<p>Open Deck</p> <p>Porch</p> <p>Front</p> <p>Rear</p> <p>Side</p> <p>Screened</p> <p>Finished Basement</p> <p>Bedroom</p> <p>Study/Den</p> <p>Recreation</p> <p>Office</p> <p>Exercise Room</p> <p>Hobby/Workshop</p> <p>Media Room</p>	<p>Square Footage:</p> <p>Total</p> <p>Finished</p> <p>Unfinished</p> <p>Conversion</p>
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FEES

*COPY FOR REFERENCE
PURPOSES ONLY --
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Frederick County Division of Planning and Permitting

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- Address
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- License #

Frederick County Permit Inquiry

Permit #147090

Permit #: 147090

Site Location: 3514 URBANA PIKE
FREDERICK, MD 21704-

Permit Type: PLUMBING PERMIT

Permit Description: Existing SFD Parcel 54 Villages of Urbana

New water service from new water meter at property line into existing house and connect to existing water in bsmt.

Occupancy Type: SINGLE FAMILY DWELLING

Work Type: NEW

Status: Complete

Applicant/Contact: MALLICK PLBG AND HTG INC
8010 CESSNA AVE
GAITHERSBURG, MD 20879-
PHN: (240)238-1826 x
FAX: (240)238-1879
License #PM00667 exp date
11/13/2017

Property Owner: KIPLINGER WASHINGTON EDITORS, INC
110013TH AR NO AUIRW 750
WASHINGTON, DC 20005

To view or print a copy of this application in PDF format, please [click here](#).

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Division of Planning & Permitting

30 N. Market St.,
Frederick, MD 21701

Department of Permits and Inspections, Phone: (301) 600-2313 x Fax:
(301) 600-2309 x

Permit Review, Planning & Zoning, Phone: (301) 600-1143 x

Zoning Administration, Phone: (301) 600-2572 x

Office of Life Safety, Phone: (301) 600-2313  **Fax: (301) 600-2309** 
Planning and Development Review, Phone: (301) 600-1138  **Fax:**
(301) 600-1645 

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Form Data: WP_APNORESULT, 1473703166455

WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 8/16/16 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any)

FR - 94 - 4632

* PERMIT NUMBER OF REPLACEMENT WELL:

* PERSON ABANDONING WELL: Marshal Arnette

WELL DRILLER'S LICENSE NUMBER: 106

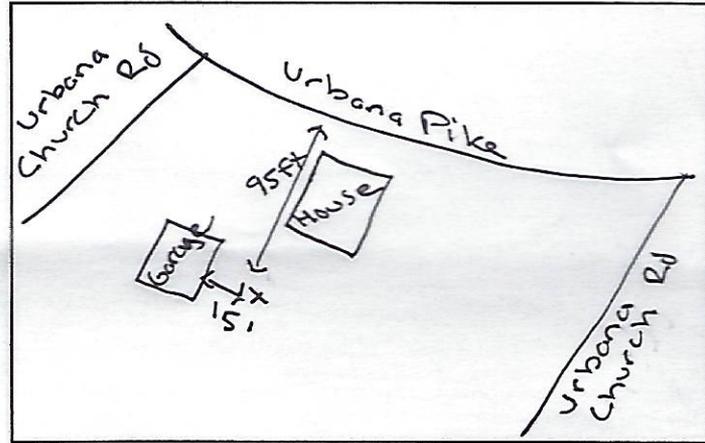
CIRCLE: MWD / MSD / MGD

* OWNER'S NAME: Kiplinger Washington Editors

* WELL LOCATION:

SITE LOCATION MAP

COUNTY: Frederick
 NEAREST TOWN: Frederick
 TAX MAP 0096 BLOCK - PARCEL 0054
 SUBDIVISION: 0000
 SECTION: - LOT: -
 STREET ADDRESS: 3514 Urbana Pike



LATITUDE 39.325976

LONGITUDE 77.353111

* TYPE OF WELL BEING ABANDONED:

- DRILLED JETTED
- BORED HAND DUG
- OTHER (specify) _____

LOG OF SEALING MATERIAL

* USE CODE:

- DOMESTIC MUNICIPAL/PUBLIC
- IRRIGATION INDUSTRIAL
- TEST/OBSERVATION GEOTHERMAL

MATERIAL	FEET	
	FROM	TO
Cement / bentonite grout	0 3	3 200

* TYPE OF CASING:

- STEEL PLASTIC
- CONCRETE OTHER (specify) _____

SIZE OF CASING: 6" INCHES IN DIAMETER

DEPTH OF WELL: 200 FEET DEEP

WAS ANY CASING REMOVED? YES NO
 If yes, length removed, in feet: 3

WAS CASING RIPPED OR PERFORATED? YES NO

Marshal Arnette
 SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE#

VOLUME OF MATERIAL USED
2447 lbs portland cement
145 lbs benseal
155 gallons water

106 MWD / MSD / MGS

CIRCLE ONE

DATE

ORIGINAL