

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT
OF
THE FREDERICK BRICK WORKS PROPERTY
OF
EAST SOUTH STREET
FREDERICK, MARYLAND**

Submitted to:

The Frederick Brick Works, Inc.
1731 Monocacy Boulevard
Frederick, Maryland 21701

Prepared by:

Hydro-Terra, Inc.
9192 Red Branch Road
Suite 290
Columbia, Maryland 21045

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Testament of Environmental Professionals

"We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professionals as defined in Section 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have performed previous environmental investigations of the subject property and have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312 and ASTM Standard E 1527-05."



Gary R. Parks

Environmental Scientist



Thomas R. Mills, P.E., P.G.

Principal Engineer and Geologist

NOTICE

THIS REPORT HAS BEEN PREPARED ON BEHALF OF AND EXCLUSIVELY FOR THE USE OF THE FREDERICK BRICK WORKS, INC. THIS REPORT AND THE FINDINGS CONTAINED HEREIN SHALL NOT, IN WHOLE OR PART, BE DISSEMINATED OR CONVEYED TO ANY OTHER PARTY WITHOUT HYDRO-TERRA'S PRIOR WRITTEN CONSENT WHICH SHALL NOT BE UNREASONABLY WITHHELD.

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EXECUTIVE SUMMARY

Hydro-Terra, Inc. performed for Frederick Brick Works, Inc. (FBW) a Phase I Environmental Site Assessment (ESA) of the property at 184 East South Street (Site) in Frederick, Maryland. The ESA involved a site reconnaissance and interviews of key personnel. It also included reviews of government environmental records and publications, historical site photographs and maps, and previous environmental investigations and assessments of the Site. The findings are based on Hydro-Terra's best professional judgment using the data available during the course of conducting the ESA.

From the ESA it was concluded that municipal waste and also construction soil containing mostly broken concrete have been placed on approximately 35 percent of the Site. It was found that in the areas containing the waste materials, inorganic and organic chemicals are present at concentrations that could, in their present state, represent a threat to the health of residential and non-residential users of the Site, as well as construction workers during the development of the property. On approximately 65 percent of the Site, municipal waste and construction soil has not been placed, and chemicals of potential concern should be largely absent.

It is recommended that a soil and ground-water sampling plan be developed and conducted in a manner allowing a defensible assessment of human-health risk and, if required, the development of a plan for Site remediation. It is also recommended that a plan for removing the asbestos in the office/warehouse building be developed prior to the demolition of the structure.

1. INTRODUCTION

1.1 Purpose

The purpose of this ESA is to identify recognizable environmental conditions on the 64.86-acre Site prior to the proposed mixed commercial/residential development of the property. Recognized environmental conditions refer to the presence or likely presence of any hazardous substances on the Site under conditions that indicate an existing release, a past release, or a threat of future release of these substances into structures on the Site or into the ground, ground water, or surface of the Site. The term, as defined in ASTM Standard 1527-05, is not intended to include de minimis conditions that do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of government agencies.

1.2 Scope of Services

The ESA was conducted in accordance with ASTM Standard E 1527-05. The work included: (1) a search of various environmental data bases to locate facilities or recorded environmental incidents in the vicinity of the Site that may adversely affect the Site; (2) interviews of the FBW's general manager and FBW's development consultant; (3) a Site reconnaissance to identify features that might be indicative of present and future environmental incidents; and (4) reviews of the findings from previous environmental investigations of the Site.

The following issues were not addressed by this assessment: radon, lead in drinking water, wetlands, cultural and historic resources, industrial hygiene, ecological resources, endangered species, indoor air quality, and biological agents. These are non-scope issues under ASTM Standard E 1527-05. Visual surveys for mold, potential lead-based paint, and potential asbestos-containing materials (ACM), though non-scope issues under ASTM E 1527-05, were addressed in this ESA.

The principal investigator was Gary Parks, an Environmental Scientist employed by Hydro-Terra. In completing the ESA he was assisted by Thomas Mills, a professional

engineer and geologist employed by Hydro-Terra. A statement of qualifications for each of the environmental professionals responsible for the assessments and preparation of the ESA report is found in Appendix A.

2. SITE DESCRIPTION

2.1 Location and Legal Description

The Site is located at 184 East South Street in Frederick, Maryland and lies on the south side of East South Street and southeast of its intersection with East Street (see Figure 1 in Appendix B). According to a map by Dewberry & Davis, Inc. titled "Land Title Records of Residue of The Frederick Brick Works," dated February 10, 2004, the Site is composed of three parcels totaling 64.8625 acres. The Maryland Department of Assessments and Taxation (MDAT) website lists three parcels for the Site as Parcels 962A, 889A, and 869A of Map 418. The Site is zoned as commercial.

2.2 Site and Vicinity General Characteristics

The Site and its immediate vicinity contain a mixture of commercial and residential properties. The commercial properties lie on the north and east sides of the Site. Some of these commercial properties were previously sold by FBW. More recently, strips of the property near the west and south sides of the Site were sold to the Maryland State Highway Administration (MSHA) for the construction of roadways. Roadway construction was underway during the completion of this ESA. To the west and southwest of the Site lie residential properties and lands belonging to the Maryland School for the Deaf. Photographs of the Site can be seen in Appendix C.

The Site and surrounding properties are serviced by public water and sewer by the Frederick City Water and Sewer Department. Natural gas is supplied by Frederick Gas and electricity by Allegheny Power.

2.3 Current Use of the Property

The office space in the office/warehouse building on the Site is currently being renovated and will be leased to another company. Small quantities of brick and stone are being stored along the north edge of the Site. A relatively large portion of the Site, located along the eastern border, is being used to grow crops. Southeast of the commercial portions of the Site (brickyard), a relatively small area is used to store soil from offsite excavations and to segregate concrete and asphalt from soil obtained from offsite construction sites. The processed soil and segregated concrete and asphalt will be removed from the Site, and the stockpiled soil, appearing to be clean, will be used in the construction of engineered fills on the Site. The remainder of the Site is in an idle state.

2.4 Description of Structures and Improvements on the Site

The formerly-used office/warehouse building near the northwest corner of the Site is a one-story structure of brick construction. The office portion of the structure is approximately 60 feet long by 50 feet wide. The attached warehouse is on the east side of the building and is approximately 185 feet long by 45 feet wide. The warehouse has a lower level that is partially recessed in the ground. This lower level has many chambers which resemble horse stalls. A portion of the office section has a small basement, and the remaining footprint contains a crawl space. Immediately south of the office/warehouse building is a large warehouse with sheet metal walls that is approximately 250 feet long by 70 feet wide. Southwest of this warehouse is a small brick building that covers an area approximately 15 feet long by 10 feet wide. As of 1993, this building was used to store oil drums, according to the Initial Site Assessment conducted by Rummel, Klepper & Kahl, Inc. (RK&K). Southeast of the large metal warehouse is an old brick building covering an area approximately 30 feet by 50 feet. This building was reported by Bay Environmental Corporation (BEC) to have been originally used as a kiln, and more recently as a storage facility. The area around all of these buildings is covered with asphalt, except on the northeast side of the metal warehouse. The partial remains of a former coal tipple, once accessed by rail, exists on the southeast side of the retail or brickyard area. The retail area covers an area approximately 200 feet by 200 feet and is enclosed with a chain link fence. No other structures exist on the Site.

2.5 Current Uses of Adjoining Properties

Across East South Street to the northwest of the Site are two vacant commercial buildings. Immediately east of these buildings is a residential neighborhood. East of the neighborhood is a commercial building which houses an auto body shop and a heating & cooling business. East of that building is another commercial building which may be vacant. Further east along Wisner Avenue is a petroleum tank farm owned by Farmer's Cooperative Association, Inc. and next to that property is an electrical substation owned by Allegheny Power. Further eastward is a vacant lot and a railroad track owned by CSX Transportation, Inc. On the east side of the brickyard and south of East South Street is a parcel of land used by Griffith Energy Services, Inc. to store and distribute petroleum fuels. Along the east side of the Griffith property is a strip-shaped right-of-way for high-tension power lines used by Allegheny Power. East of the power lines, and also south of East South Street, is a parcel of land used by Verizon, Inc. and containing an office building and storage yard used to store service trucks and supplies. East of the Verizon property is a triangular piece of the Site which contains a paved access road used by Verizon. East of this area is the Southern States Cooperative which sells farm supplies. The Southern States property is also used to store fertilizer, pesticides/herbicides, and trucks used to apply those chemicals. Northeast of Southern States is the Daniel G. Schuster concrete company. That property borders on the northwest side of the northeastern segment of the Site. That portion of the Site is crossed by a CSX railroad track. Beyond the railroad track and along the northeast side of the Site is a small brickyard, an Amvets hall, a small distributing company, and a small residential area. On the east side of the Site, and northeast of the railroad, is a large feed and fertilizer business owned by Farmer's Cooperative, Inc. Also along this border of the Site is a construction storage yard. Bordering the Site on the south is land owned by the MSHA. A highway right-of-way owned by MSHA also runs through and along the western portion of the Site. The southwest side of the Site mostly borders lands owned by the Maryland School for the Deaf. Residential properties border the west side of the brickyard area.

3. SITE HISTORY AND RECORDS REVIEW

3.1 Federal and State Records Review

Environmental Data Resources, Inc. (EDR) performed for Hydro-Terra a review of various government environmental data bases for the purpose of locating any recorded properties where hazardous substances and petroleum fuel are known to have been stored or released on or near the Site. EDR also searched city directories and historic topographic maps. The results of the EDR investigation are contained in Appendix D. The EDR report lists the Site as having been under the Maryland Department of the Environment's (MDE) Oil Control Program (OCP). The listing indicates that the case was closed and involved tank removal and some cleanup. According to the 2000 BEC report, this case involved the removal in 1999 of two USTs and the handling of some contaminated soil from beneath one of the removed USTs.

Several other sites of interest also appear in the EDR report. These include the Griffith Energy Services property (also listed in the report as Frederick Petroleum Corporation and as Frederick Terminal, Inc.); the Verizon property (also listed as C & P Telephone and as Frederick SOC); the former gasoline station north of the Site, along East South Street (listed as Family Brand Gas Station and as J.H.G. Contractors); the Daniel G. Schuster, Inc. property; the Farmer's Cooperative Association property along Wisner Avenue north of the Site; the Southern States property; the McCutcheon Apple Products property well to the north of the Site; the Gene Romsberg/Wolfe Brothers property bordering the northeast segment of the Site; and the Maryland School for the Deaf located southwest of the Site.

Griffith Energy Services, et al.

The Griffith (et al) site has several records related to storage and/or leakage of petroleum products. One MDE OCP case is listed as "closed" and mentions well/ground-water contamination. Another OCP case listed as "open" mentions well/ground-water contamination. USTs for diesel fuel, gasoline, used oil, and heating oil are listed as out

of use. USTs for gasoline, heating oil, and an unlisted product are mentioned as having been removed. Above-ground storage tanks (ASTs) for kerosene, heating oil, gasoline, diesel fuel, motor oil, additive, and waste oil are currently registered for and being used at the Griffith site. Petroleum constituents from this location might be affecting ground water under the Site.

Verizon (et al)

An OCP case for the Verizon site is listed as “closed” and the product involved is not listed. Former USTs for gasoline and used oil have been removed. USTs for used oil and gasoline are listed as out of use. Verizon is also a small-quantity, hazardous waste generator, but no violations of their permit were mentioned.

Family Brand Gas Station / J.H.G. Contractors

This location has an “open” case for leaking USTs. No remediation is said to have occurred, but monitoring wells have been sampled. An OCP case lists this site as having had closure of a UST, and that a release, but no cleanup, had occurred. It is also stated in listings that USTs for diesel fuel, gasoline, kerosene, and heating oil have been removed.

Daniel G. Schuster, Inc.

The Schuster property is listed as having ASTs for diesel fuel, kerosene, and waste oil. No releases are said to have occurred.

Farmer’s Cooperative Association, Inc.

This location north of the Site is listed as having had leaking USTs. The case is listed as “open” and that a remediation system is operating on the property 24 hours a day. The site also appeared on the orphan summary (unmappable site) as having ASTs. This location could also be affecting ground-water quality on the Site.

McCutcheon Apple Products, Inc.

An OCP indicated that the case is “closed,” with no other information. A UST listing says that a large heating oil UST is out of use.

Southern States Cooperative

The Southern States property is listed in the orphan summary as having or having had one or more USTs. No other information is given.

Gene Romsberg / Wolfe Brothers

An OCP case is listed as “closed,” with no other information. A release and cleanup from an AST is also listed.

Geisey Distributing Company, Inc.

Three USTs are stated to have existed there. One is said to be out of use, and two are said to have been removed.

Maryland School for the Deaf

Two OCP cases are listed as “closed.” One case involved release and cleanup of petroleum. The other case has no information.

130 East South Street (northwest of the Site)

An OCP case from 1992 is listed. No information is given.

3.2 Other Standard Environmental Record Sources

3.2.1 Aerial Photographs

In their August 30, 2000 report, BEC reviewed photographs from 1964, 1965, 1988, 1991, 1997, and 1998. Additional aerial photographs from 1937, 1952, 1964, and 1988 were reviewed by Hydro-Terra. The 1937 photo shows the brickworks at its peak size. Sinclair Oil (now Griffith) appears to have started business just to the east of the brickyard. A house appears just east of Sinclair. East of the house is shown a large building where the Schuster Concrete is now. The BEC report indicates that the building

was used by the Ramsburg Fertilizer Company. Southeast of the Site, a farm field was present. The remainder of the Site, outside the brickyard, appears to be in a disturbed state due to clay mining. The 1952 photo shows that some of the brick kilns were gone. The oil company to the east of the yard had increased in size. An open field is seen southeast of the Site. The remainder of the Site is mostly overgrown, and the trails leading to the interior of the Site appear not to be used. The 1964 photo shows only one brick kiln remaining. The house to the east is gone. Most of the Site is wooded, except for the northeast portion, which shows an open field. The BEC report stated that the 1988 photo shows wooded and agricultural land on the south part of the Site, and that the 1991 photo shows wooded and agricultural land apart from the commercial portion of the Site. BEC said that the 1997 and 1998 photos show the same commercial buildings, with the southern portion having wooded, open, and agricultural land, and a large area of recent fill material and signs of disturbed or bare earth.

3.2.2 Fire Insurance Maps

Sanborn® fire insurance maps from the BEC report, which can be seen in Appendix E, were reviewed. The 1892 map shows FBW to contain four kilns and sheds. The 1897 map shows expanded brick works, with residences to the west and north and canning plants to the northwest and northeast of the Site. The 1904 photo shows expanded brick works, as well as another canning plant northwest of the Site. The 1911 map is similar to the 1904 map. The 1930 map is also similar to the 1911 map, except that the symbol for an underground gasoline tank is shown just south of the office building that existed at that time. The 1947 map shows an additional gasoline tank north of the storage shed. The 1971 photo shows many of the original brickworks buildings as having been demolished and the current office/warehouse in place.

3.2.3 Property Tax Files

The Site is listed with the Maryland Department of Assessment and Taxation as being owned by FBW and having a mailing address of P.O. Box 505, Frederick, Maryland 21705-0505. The primary structure (office/warehouse) is listed as having been

built in 1950 and to have an enclosed area of 26,673 square feet. Further details regarding the property tax files can be seen in Section 2.1.

3.2.4 Recorded Land Title Records

Land title records located in the RK&K report and others located on a State of Maryland website (mdlandrec.net) were reviewed. The records state that FBW has owned the largest portion of the Site since 1891, at which time 63+/- acres were purchased from John and Fannie Baumgardner. It should be noted that the B. F. Winchester Brick Yard was, at that time, already present on the Site. Winchester presumably leased the land from the Baumgardners. The Baumgardners purchased the land from the Jacob Keller estate. Mr. Keller purchased the land in 1816 from another individual. The other large part of the Site was purchased by FBW in 1912 from the estate of Nicholas Hauer. That land was approximately 30 acres in size, and was purchased by Mr. Hauer in 1849 from Catherine Hauer, et al. A small portion of the Site, approximately 30 feet by 184 feet in size, fronts on Winchester Street to the west. This portion of the Site protrudes from the former retail area. This property was purchased by FBW from Myrtle Rowe in 1945. Ms. Rowe acquired the land from Ella Bare in 1945. Mrs. Bare purchased the land from John Bowers in 1909. This land was originally known as Lot 16 of Winchester's Addition to Frederick City.

According to the Dewberry & Davis, Inc. map titled "Land Title Survey of Residue of The Frederick Brick Works," dated February 10, 2004, seven rights-of-way and easements exist on portions of the Site.

3.2.5 USGS Topographic Maps

U.S. Government topographic maps from 1909, 1953, 1971, 1985, and 1993 were reviewed. Copies of the maps can be seen in Appendix F. The 1909 map shows brick works on the Site and nothing else. A fairly large building (Ramsburg Fertilizer), which no longer exists, can be seen about where Schuster Concrete is now. The 1953 map does not show the brickworks specifically – the map shows the brickworks area to be in an urban area designated by red shading. Commercial and residential buildings appear to

the northeast of the Site. A small building (house?) is shown between the current Griffith Energy and Verizon properties. The middle of the Site shows woods with a clearing in the middle which has a trail leading to it. The 1971 map is similar to the one from 1953. By 1971, buildings at Griffith and Southern States were present. Also, what appears to be a small commercial building and a road had been built to the southeast of the northeast portion of the Site. The 1985 map is the similar to the 1971 map, except that the clearing in the woods is wooded again and the buildings on what is now Verizon and the Maryland School for the Deaf were present, and more buildings had been built to the southeast of the northeast segment of the Site. The 1993 map is virtually identical to the 1985 map.

3.3 Historical Use Information on the Site

From previous studies of the Site, it is known that brick manufacturing occurred on the Site from at least 1873 until 1947. The original brick manufacturing operation was known as the B.F. Winchester Brick Works, and in 1891 The FBW was created and became owner of the Site. FBW also acquired additional land, which eventually encompassed about 100 acres. FBW expanded over time until about 1900. After brick making ceased in 1947, the factory was slowly demolished and new buildings were built for retail and storage use. Bricks made elsewhere, as well as stone, other construction materials, and coal were sold. This use continued until 2006, except for coal sales, which ended in the 1980's. Clay was mined from several areas in the middle of the Site for use in brick making. In addition, the City of Frederick used the sections of the Site for landfilling of solid waste. The exact years of landfilling are unknown, but it appears to have occurred from about 1900 until the 1960's or 1970's. According to the RK&K report, filling by the city officially ceased in 1947. However, RK&K states that "because of unrestricted access and the size of the property, unauthorized dumping in this area" continued. The fill material ranges in depths from zero to over 16 feet on portions of the Site. During the 1990's, Richard F. Kline, Inc. used the southern part of the Site for landfilling soil and also demolition debris, consisting mostly of concrete, from construction sites. The Kline fill ranges in depth up to 34 feet. It is also reported by the FBW general manager that some of the soil excavated during the creation of the City of

Frederick's Carroll Creek Park was probably placed in the Kline fill. The northeastern and southeastern portions of the Site appear to have only been used for agriculture and/or the mining of clay. The map (Figure 2) and accompanying map-area descriptions found in Appendix B show the areas where various fill material were placed on the Site.

3.4 Historical Use Information on Adjoining Properties

As determined from sources listed earlier, the area around the Site has slowly developed over time. An 1858 map referenced in the BEC reported that the only developed property adjoining the Site at that time was a brickyard to the west. By the late 1800's, other companies such as a fertilizer plant adjacent to the northeastern segment of the Site, and canneries to the northwest of the property were present. Other small, light industries and residences were built over time. FBW sold a parcel of land to the Sinclair Refining Company (now the Griffith Energy site) in 1940. Another parcel was leased to Bell Atlantic (now Verizon) in 1973 and sold to them in 1994, and another was sold to Southern States in the late 1960's.

4. ENVIRONMENTAL SETTING

The native soils under the Site, as defined by the U.S. Department of Agriculture's Soil Conservation Service, are thought to be of the Hagerstown series. The Hagerstown Series consists of gravelly loams, loams, rocky loams, rocky clays, and silt loams. These soils "formed in material weathered from rather hard limestone. The geologic formation under the majority of the Site is defined by the Maryland Geological Survey's (MGS) Geologic Map of the Frederick Quadrangle (2004) as the Lime Kiln Member of the Frederick Formation. The Lime Kiln Member is defined by MGS as "interbedded, thinly laminated to thinly bedded, dark gray, fine-grained limestone, calcareous shale, and medium-bedded, fine-grained limestone near the base, becoming more thickly interbedded toward the top with medium dark gray, fine-grained limestone with wavy bedding and locally stromatolithic algal beds. Near the top, the member becomes interbedded with crossbedded, sandy, medium light gray limestone. Thickness is approximately 600 feet." The western edge of the Site is mapped by MGS as having

the Adamstown Member of the Frederick Formation. The Adamstown Member is defined by MGS as “thinly interbedded, medium dark gray, agrillaceous, fine-grained limestone and dusky yellow to medium dark gray, silty dolomite. Limestone beds range in thickness from 0.2 to 4.0 centimeters in thickness,” with darker weathered intervals throughout. Thickness of the Adamstown Member is approximately 1000 feet.

Ground water under the Site is expected to be under water-table conditions. Ground-water flow in the region normally mirrors the surface topography. However, due to deep dewatering of the Lafarge, Inc. limestone quarry, located about one-half mile south of the Site, ground-water flow in the area is thought to be flowing southward toward the quarry. This is supported by findings in the “Zone of Dewatering Influence” report prepared by International Technology Corporation in 2000. Prior to deep quarrying, ground-water on a portion of the Site probably flowed northward toward Carroll Creek. The BEC study on the Site stated that in 1999 the depth to water in the monitoring wells ranged from approximately 10 feet below the ground surface in the northern part of the Site to 28 feet near the middle of the Site.

5. SITE RECONNAISSANCE

5.1 Methodology and Limitations

Inspection of the Site was performed on April 11 and 13, 2007. Inspection of the Site buildings and a portion of the remaining Site were conducted by Thomas Mills and Gary Parks on April 11, 2007. Mr. Parks inspected the remainder of the Site on April 13 of that year. No limiting factors were encountered during the inspection, except that one section of the metal-walled warehouse south of the office/warehouse structure was locked and could not be inspected.

5.2 Photographic Record

Photographs of the Site and its surroundings were taken during the Site reconnaissance. The photographs are found in Appendix C.

5.3 General Site Setting

The Site lies within the Frederick, Maryland city limits. This area of the city contains a mixture of commercial and residential properties. The brickyard portion of the Site fronts on East South Street and contains several buildings and was used to store and sell bricks, stone, and other related construction materials and tools. Much of the brickyard is surrounded by chain link fence. Running along the west side of the Site and across the south end of the Site is a roadway that is under construction. The roadway right-of-way was purchased from Frederick Brick by MSHA. Immediately south of the brickyard is a grassed area. Beyond that area and near the Verizon property, a small portion of the Site is currently being used to separate broken concrete and asphalt coming from offsite construction sites. Stockpiles of the separated material are present. Also found near this area are two large stockpiles of soil obtained from offsite excavations. Southeast of these stockpiles and on the southwest side of the Site is an area that is open to sparsely wooded. This area was once used for the mining of clay used in making bricks and is now covered by soil-capped fill containing municipal waste and, on the south side, construction soil containing mostly concrete and other non-organic waste. Filling has not occurred along the southeast side of the Site. A small portion of that area is wooded and contains old clay pits. Most of the area contains farm fields and shows no evidence of clay mining. Including the brickyard area, approximately 65 percent of the Site does not appear to be effected by the placement of municipal waste or construction soil.

5.3 Site Observations

5.3.1 Office and Adjoining Warehouse Basements

In the basement beneath the office space was seen a fairly new gas-fired furnace. Next to the furnace was a hot water heater. In the crawl space beneath most of the floor were seen water pipes wrapped in white blanket-like material probably containing asbestos. No floor drains were seen in the basement. A sump pit was located near the furnace and contained a pump.

The basement of the warehouse attached to the office building is entered through a garage-style door on the east end of the structure. Many stall-like spaces were observed in this basement. One of the stalls contained a full pallet of five-gallon containers of Supermud®, which is a drilling slurry. The containers were not leaking. Seen in another stall were white blocks labeled “Pyrobar,” which is a gypsum-based, fireproof material that may contain asbestos. Another stall contained one sealed, five-gallon bucket of unknown material which was not leaking. The other stalls were empty or contained innocuous items such as wood scraps.

5.3.2 Main Floor of Office and Adjoining Warehouse

The office structure has one story and is currently vacant. However, office renovation is underway, and FBW will lease the building to a company selling water pipes and related materials. All of the rooms in the office space were empty. The high ceiling of the “showroom” in the office area consists of 8-inch square acoustical ceiling tiles. A drop ceiling with acoustical tiles was seen in other areas. The floor in the office area is covered with 12-inch square tiles. Under these tiles is another layer of tile of the same size. Due to the age of the building, some or all of these tiles, as well as the glue that was used, may contain asbestos.

Between the office and the adjoining warehouse is a garage-like room. It has a concrete floor, and some of the walls are made of a gray, thin material which resembles asbestos-containing shingles. The floor of a small room contains 12- inch square floor tiles, and the ceiling consists of white acoustical tiles. Again, some or all of these materials may contain asbestos.

The warehouse is vacant, with only some shelving and a few small innocuous items present. Unpainted brick walls form the sides of the warehouse, and the roof of the structure is made of corrugated panels which appear to be made of Transite, which is known to contain asbestos.

5.3.3 Large Warehouse South of Office/Warehouse Building

This warehouse, which is constructed of sheet metal and steel beams, is divided into two areas. The western portion of the building has three outer walls and is open to a roofed storage area connecting both sections of the building. Nothing was seen in the western portion the warehouse. The eastern portion of the building is fully enclosed. The doors to this portion of the warehouse were locked, preventing inspection. Mr. Clayton Minnick, the General Manager of FBW stated that only mortar and stone, and no hazardous materials, are being stored in that part of the building.

5.3.4 Old brick Buildings South of Metal Warehouse

Two buildings exist south of the warehouse. The one to the southwest covers an area of approximately 150 square feet. On the floor of this structure could be seen the outlines of where 55-gallon drums had been stored. The RK&K report stated that this building was being used to store petroleum products in 1993. The larger building southeast of the warehouse is vacant and covers an area of approximately 1,500 square feet. The BEC report stated that this building was being used in 2000 to store innocuous items.

5.4 Observations on Other Areas of Site

5.4.1 Brickyard Area

An asphalt parking lot exists to the northwest, south, and west of the former office/warehouse building. On the north of the building is a storage yard which currently contains some bricks and stone. Also seen in this area were two 55-gallon drums and two, empty 5-gallon motor-oil buckets. One on the drums was empty and formerly contained motor oil. The other drum was full and had no label. No leaks were seen from any of the drums and buckets.

In front of the small brick building southwest of the large metal warehouse was seen a small area showing petroleum staining.

An electrical transformer on a pole was seen west of the brickyard complex on what appeared to be the MSHA property. The transformer appeared to be relatively new, and no leaks were seen.

A ground-water monitoring well is present on the northeast side of the brickyard. This well was installed and sampled by BEC in 1999. The well casing was intact, but the well lid was broken. Another monitoring well on the Site was destroyed by MSHA during highway construction.

In the southeast corner of the brickyard were seen the remains of the former coal tipple. Some surface water was ponded north and southwest of the tipple.

Surface-water drainage in the brickyard is generally from the northwest corner to the southeast corner. It was noted that some surface water from East South Street apparently enters the northeast part of the brickyard during precipitation events.

5.4.2 Area South of Griffith Energy

This area is grass-covered. A high-tension electric line crosses the area in a southerly direction. Surface drainage is to the southwest. During previous investigations, degraded municipal waste material and bricks were observed on a portion of this area.

5.4.3 Area South of Verizon Property

As mentioned in Section 6.3, soil, asphalt, and concrete are being segregated and stockpiled in this area. Mr. Jack Cash, FBW's development consultant, stated that the stockpiles of these materials will be removed from the Site. Surface drainage is mainly to the west. During previous investigations, fill soil containing municipal wastes was observed in this area.

5.4.4 Area between Verizon and Southern States

Much of this area is covered with grass, except for a paved access road to the Verizon compound. A few trees are in the southern portion of the area. Along the southern end of the area, Hydro-Terra observed, during an earlier investigation, fill soil, some of which contained municipal waste. Adjacent to Southern States property is a low area which collects surface-water runoff from Southern States. An old, rusted-out, 55-gallon drum

and some ponded water were in this area. No indications of contamination were observed. In 2006, Hydro-Terra sampled the soil near the area containing ponded water and found no contaminants.

5.4.5 Middle Area on Southwest Side of Site

Scattered trees are present in this area. A large pile of what appears to be clean soil from an offsite source was seen on the south side of the area. Jack Cash, the development consultant, stated that this soil is from two sources: (1) the new FBW location on the other side of Frederick along Monocacy Blvd., and (2) a construction site east of the MARC rail yard near the Lafarge quarry. Mr. Cash said that he does not know of a Phase I ESA having been done for the new FBW location, but indicated that a Phase I ESA was performed for the site near the MARC rail yard. South of the soil piles are several small piles of red-colored wood chips, as well as piles of stumps and other wood waste from earlier logging of the area. Near the center of this area, old buried municipal waste covered with soil was observed by Hydro-Terra during an earlier investigation. This fill material is also found on the MSHA property and is reported by Mr. Cash to have been used as fill under the roadway. At the southern end of this area is the "Kline fill" containing mostly soil and broken concrete from offsite construction sites. It was reported by Mr. Clayton Minnick of FBW that some of this soil may have come from the Carroll Creek project in Frederick. Three soil samples were collected by Hydro-Terra from the Kline fill during an earlier investigation, and some contaminants of possible concern were found. Surface-water drainage in this area could be to the west or east, depending on the location.

5.4.6 East Side of Site

No evidence of filling in this area was observed during this investigation and earlier investigations. Most of the area contains open fields that have been used to grow crops. Along the west side of this area is a small wooded area, and a natural ridge line which separates the wooded area from the farmed area. The wooded area exhibits rough terrain containing old clay pits and rock outcrops. Innocuous junk is scattered in places in the wooded area, and surface drainage does not appear to leave the area. An old above-

ground storage tank (AST) is present along the edge of the woods, south of the Southern States property. No petroleum or chemical leaks or odors were noticed near the AST. Surface-water drainage from the open farmed land is easterly to southeasterly.

The CSX railroad track crosses the northeast side of the area. A triangular piece of Site land between the railroad and the Schuster property is currently being used by Schuster to store concrete trucks. Surface-water drainage from Daniel Schuster concrete facility onto the area southeast of the railroad could be occurring.

5.4.7 Area West of MSHA Right-of-Way

This area has two distinct sections. The northern section is relatively flat and is covered with either crushed stone or grass. Surface-water drainage is to the southeast. The southern section is wooded and exhibits rough terrain. Innocuous trash and junk is scattered on the southern section, and surface water drainage is to the east.

6. INTERVIEWS

The following persons were interviewed during this investigation: Mr. Clayton Minnick, general manager of Frederick Brick Works; Mr. Jack Cash, principal of Dillon Development Partners; and the Assistant Fire Chief of the United Fire Company of Frederick. Attempts to contact MDE or the Frederick County Environmental Health Department were not made due to time constraints and the wealth of environmental information from earlier investigations.

Mr. Minnick does not know of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the Site. He also does not know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the Site. Mr. Minnick also does not know any environmental liens existing for the Site. He stated that the locked warehouse at the Site contains only mortar and stone, and no hazardous materials. He also said that some

of the fill on the Site had been excavated as part of the Carroll Creek Park project in downtown Frederick during the 1990's, and that this soil was not monitored, to his knowledge, for environmental contaminants.

Mr. Cash stated that his company is assisting Frederick Brick Works in developing the Site. He stated that all environmental documents in his possession that pertain to the Site can be found on his company's website (dillonpartners.com). Mr. Cash stated that the soil, asphalt, and concrete stockpiles on the Site just south of the Verizon property will be removed and not used as fill on the Site. The large soil stockpile in the south-central part of the Site will be used as fill on the Site. The soil came from two locations as listed in Section 6.4.5.

The assistant fire chief said that in his 19 years with the fire company he knows of no incidents having occurred on the Site involving hazardous substances or petroleum products.

7. SUMMARIES OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

Between November 1993 and March 2005, six environmental investigation were conducted on the Frederick Brick Works property south of East Street, a portion of which has been purchased by the Maryland Highway Administration. The investigations and findings are summarized below.

East Street Project Planning Study, Frederick Brick Works, Initial Site Assessment, Rummel, Klepper & Kahl, November 1993

No sampling was performed. The report resembles a Phase I environmental site assessment. Physical features, site history, potential sources of contamination, and a deed search are described.

Phase I Environmental Site Assessment and Limited Phase II Environmental Investigation, Draft Report, Bay Environmental Corporation, July 11, 2001.

The limited Phase II investigation consisted of the installation of three monitoring wells, one of which yielded no water and was abandoned. Additionally, 30 test pits were excavated and nine subsurface soil samples were collected from the test pits and analyzed for the presence of contaminants. The approximate locations of the two usable monitoring wells (FBW-2 and FBW-3) and the 30 test pits are shown on Figure 2. The logs of the test pits and the results of the soil and ground-water sampling are found in Appendix G .

Monitoring well FBW-2 was sampled once and FBW-3, three times. All of the ground-water samples were analyzed for Resource Conservation and Recovery Act (RCRA) metals and for semi-volatile and volatile organic compounds (SVOCs and VOCs). Barium was found in the sample from FBW-2 and in two of the samples from the other well. Also, total chromium was detected in one sample from FBW-3. The concentrations of these metals were well below their maximum contaminant levels (MCLs) for drinking water. No detected organic compounds exceeded their MCLs. However, the VOC methyl-t-butyl ether (MTBE) exceeded its MDE cleanup standard for groundwater of 20 µg/L. MTBE was found in all of the samples from FBW-3 at concentrations ranging from 90 to 67 microgram per liter (µg/L) or ppb (parts per billion).

The nine soil samples were analyzed for RCRA metals, SVOCs, and VOCs. Three metals (barium, chromium, and lead) were detected in all of the samples. None of the barium and chromium (either chromium III and IV) concentrations exceeded a Maryland cleanup standard. In two of the samples, lead exceeded its cleanup standard for both residential and non-residential land use of 400 milligrams per kilogram (mg/kg) or parts per million (ppm). Arsenic was found in five of the nine samples, and, in two samples, the concentrations were above both residential and non-residential cleanup standards. Mercury was detected in three of the samples, and, in two samples, it was above both cleanup standards. Selenium was found in one of the nine samples at a concentration below the cleanup standards.

Twelve (12) polynuclear aromatic hydrocarbons (PAHs) were detected in the soil samples, most of them at estimated concentrations. The concentrations of acenaphthylene (detected in 1 of 9 samples), anthracene (2 of 9), fluorene (1 of 9), and phenanthrene (6 of 9) were below both cleanup standards. Detected concentrations of benzo(a)anthracene (6 of 9), benzo(b)fluoranthene (5 of 9), and benzo(g,h,i)perylene (1 of 9) were above both residential and non-residential cleanup standards. Chryene (6 of 9) exceeded the residential standard and, in one sample, also exceeded the non-residential standard. Fluoranthene (6 of 9) was found above the residential standard in two samples and not above the non-residential standard. Pyrene (5 of 9) was found to exceed both residential and non-residential cleanup standards.

Four VOCs (benzene, sec-butylbenzene, ethylbenzene, and methylene chloride) were detected in some of the soil samples. The methylene chloride probably came from the laboratory. None of the soil-associated VOCs exceeded a cleanup standard.

In addition to the ground-water and soil sampling, two underground fuel storage tanks, one having a storage capacity of 550 gallons and the other, 1,000 gallons, were removed from the property on May 19, 1999. The 550-gallon tank was found to have holes and contained 225 gallons of oily water. The 1,000-gallon tank was empty and the excavated area for that tank was filled. Contaminated soil was piled on the site, covered with plastic sheeting, and the fuel constituents allowed to biodegrade. The MDE Case Number is 99-2763FR. A Closure Report was prepared and submitted to MDE.

Subsurface Soil Investigation, East Street Extended, Frederick, Maryland, KCI Technologies, Inc., July 11, 2001.

Along the MSHA-owned highway right-of-way crossing the Frederick Brick Works property, four subsurface soil samples (DB-1 through DB-4) were collected and analyzed for PAHs, RCRA metals, total petroleum hydrocarbons (TPH), and toxicity characteristic leaching procedure (TCLP) metals. The approximate sampling locations are shown on Figure 2. The results of soil analyses are located in Appendix H. In DB-1 through DB-3, TPH concentrations were at or above Maryland's residential cleanup

standard of 230 ppm, but not above the non-residential standard of 620 ppm. Only one PAH, pyrene, was detected. It was found in DB-2 at a concentration of 0.44 ppb, well below its cleanup standards of 230 and 6100 ppm. Seven metals (arsenic, barium, cadmium, chromium, lead, selenium, silver, and mercury) were detected, but only lead and mercury were found above a residential or non-residential cleanup standard. The lead concentrations were above both standards of 400 ppm in three samples (DB-1, 2, and 4). Lead concentration in all samples ranged from 1,800 in DB-1 to 99 in DB-2. Mercury was also detected in all samples and, in all cases, at concentrations exceeding the residential and non-residential standards of 0.1 and 0.12 ppm, respectively. Concentrations of mercury ranged from 6.3 ppm in DB-1 to 0.28 ppm in DB-2. The TCLP analyses showed the sampled soil to be non-hazardous.

No physical description of the DB-1 sample exists. The sampled soil from the other locations contained various mixtures of silt, ash, wood, coal, glass, rock fragments, and brick.

Excavation of 26 Test Pits and Mapping and Description of Environmental Features on the Frederick Brick Works Property, Hydro-Terra, Inc., January 25, 2002.

Using the findings from previous environmental investigations and those obtained from the excavation of an additional 26 test pits during this investigation, environmental features on the property were mapped. Also, the environmental and geotechnical characteristics of each mapped area were described. The map (Figure 2) is found in Appendix B. Descriptions of the areas are found in Appendix I. The logs for the test pits (TP-31 through TP-57) are found in Appendix J. None of the soil observed in the test pits was sampled for laboratory analysis.

Environmental Inspection of the Kline Fill, Hydro-Terra, Inc., March 17 2005.

In early March 2005, Hydro-Terra inspected the excavation of 29 of the 33 deep test pits on the portion of the property used by Richard F. Kline, Inc. to dispose of soil and demolition debris (mostly concrete) from construction sites. The Kline fill is shown as area B-1 on the Figure 3 found in Appendix B, and the test pit locations and logs are

shown in Appendix K. The test pit numbers are the same as others excavated at different locations on the property. To distinguish them from the others, the letter "K" follows the test pit number. The test pits were excavated by Hillis-Carnes Engineering Associates, Inc. In addition to the environmental inspection and soil sampling by Hydro-Terra, the excavated soil was inspected and sampled by Hillis-Carnes for the purpose of determining the engineering properties of the fill soil. Hydro-Terra obtained three composite soil samples from the soil removed from TP-27K, TP-29K, and TP-32K and had the samples analyzed for VOCs, SVOCs, and RCRA metals. No VOCs were detected, and, in the field, no organic vapors were detected using a portable photoionization detector (PID). Some PAHs were detected at estimated concentrations not exceeding both their residential and non-residential cleanup standards. Two metals, arsenic and mercury, were detected above cleanup standards. Arsenic was detected in all of the samples at concentrations ranging from 3.4 to 18 ppm, compared to the residential and non-residential cleanup standards of 2.0 and 3.8 ppm, respectively. The anticipated typical concentration (ATC) or background concentration for arsenic in Western Maryland is 11 ppm. The average concentration in the three samples was 9.2 ppm.

The residential and non-residential cleanup standards for mercury are 0.1 and 0.12 ppm, respectively. Mercury was detected in two of the samples (TP-27K and TP-32K), each at 0.13 ppm, slightly above both standards. No ATC exists for mercury in Western Maryland, but in Eastern and Central Maryland the ATCs are 0.51 and 0.14 ppm, respectively.

In TP-29K, total chromium was detected at a concentration of 61 ppm. Further analysis identified the chromium to be chromium III. The detected concentration was well below its residential and non-residential cleanup standards of 12,000 and 310,000 ppm.

Wood and other degradable organic material, capable of generating methane, was estimated to constitute less than one percent of the total volume of fill soil. Given the amount of degradable organic material in the fill and the fine texture of most of the soil

present in the fill, methane will probably not be a public-safety concern should buildings be placed on the fill. Nevertheless, methane sampling was recommended.

Phase II Environmental Investigation of Former Clay Pit Adjacent to Southern States Cooperative, Hydro-Terra, Inc., April 3, 2006.

A soil sample from 0 to 18 inches in depth was collected in a low area on the Site which collects water from the Southern States facility. The approximate location at which the sample (S-1) was collected is shown on Figure 2. The sample was analyzed for Target Compound List (TCL) VOCs and SVOCs, priority-pollutant (PP) metals, chlorinated herbicides, and organochlorine pesticides. No SVOCs, pesticides, and herbicides were detected in the sample. One VOC, acetone, was detected, and the source was determined to be the laboratory.

8. SUMMARY OF NON-ASTM SCOPE ISSUES

8.1 Mold Evaluation

No obvious mold was observed in the office building on the Site. However, the possibility does exist that mold could be behind walls or above ceiling tiles.

8.2 Asbestos-Containing Materials (ACM)

Pipe insulation in the crawl space under the floor of the office building, by appearance, is expected to contain friable asbestos. The pipe insulation appears to be in good condition. Some of the floor tiles, the floor-tile glue, some of the acoustical ceiling tiles, and some wall panels in the office and/or warehouse could contain asbestos, based on their age and appearance. However, this asbestos would not be friable unless the tiles or panels are sawn or the tiles, panels or glue are sanded. The roof of the warehouse appears to be made of Transite, which is known to contain asbestos.

8.3 Lead-Based Paint

Some of the paint on walls in the office building may contain lead based upon the age of the building.

9. CONCLUSIONS

Inorganic and organic chemicals of potential concern are present in soil on portions of the Site. Chemicals found in petroleum fuels have been found in ground water on the Site and may still be present. The source of the fuel constituents could be off the Site. Other chemicals associated with buried waste could also be present in ground water near the south end of the Site. In some areas on the Site containing fill soil, methane could be present at elevated levels. Materials believed to contain asbestos are present at locations within office/warehouse building, and lead paint is probably present on surfaces within portions of that structure. Approximately 65 percent of the Site has not been effected by the placement of municipal waste or construction soil, and should be largely absent of chemicals at concentrations of potential concern.

10. RECOMMENDATIONS

Perform soil, ground water, and methane sampling needed in characterizing human health and safety risks, and, should elevated risks be found, in determining remedial measures. Prior to removing the office/warehouse building, undertake additional investigation of the presence of asbestos-containing material and measures that may need to be taken to protect workers from adverse exposure.

APPENDIX A.

Resumes of Environmental Professionals

GARY R. PARKS

EDUCATION

B.S. Degree	1988; Biology, Virginia Polytechnic Institute and State University
Other Training	1992; 40-hour Hazardous Material Site Worker Health and Safety Training [OSHA 29 CFR]
	1998; 8-hour On-site Management and Supervision Course [OSHA 29 CFR]

TECHNICAL BACKGROUND AND EXPERIENCE

Work Experience

10/90 – Present	Environmental Scientist, Hydro-Terra, Inc., Columbia, MD
-----------------	--

General Experience

Mr. Parks is an environmental scientist with 16 years of relevant experience in the conduct of environmental assessments. He has been the project manager and principal investigator in the completion of a number of Phase I environmental site assessments. He also has considerable experience in multimedia environmental sampling, the analysis of environmental data, and the preparation of written reports. In addition, he has conducted environmental health and safety inspections of contaminated property undergoing concurrent remediation and development.

Summary of Phase I Environmental Site Assessment Experience

- Performed an Environmental Baseline Survey (the more comprehensive military version of a Phase I ESA) of the site for a proposed U.S. Army Reserve center on Fort George G. Meade, Maryland.
- Performed a Phase I environmental site assessment (ESA) for a 36-acre shopping center in the town of California, Maryland.
- Performed a Phase I ESA for a concrete laboratory site in College Park, Maryland.
- Performed two Phase I ESAs for a senior housing organization in Baltimore, Maryland.
- Performed a Phase I ESA for transfer of a commercial property in Laurel, Maryland.
- Performed a Phase I ESA for transfer of a commercial property in Sandy Spring, Maryland.

- Performed a Phase I ESA for transfer of railroad property in Elkridge, Maryland.
- Performed a Phase I ESA for transfer of a 300-plus acre former farm in Shepherdstown, West Virginia.
- Performed a Phase I ESA/AAI for the refinancing of a commercial/residential property in Deale, Maryland.
- Performed a Phase I ESA for transfer of a residential property in Marriottsville, Maryland.
- Performed a Phase I ESA for transfer of a residentially-zoned property in Glenarden, Maryland.
- Performed a Phase I ESA for transfer of a residentially-zoned property in Annapolis, Maryland.

Summary of Experience Relevant to Phase II ESAs

- Monitors ground and surface water quality and water levels at a rubble landfill in Prince Georges County, Maryland. Conducts monthly water-level measurements, samples ground water and stream water semi-annually, manages data, and prepares semi-annual reports to be submitted to the Maryland Department of the Environment.
- Monitored drilling of soil borings and the installation and testing of wells at a contaminated industrial property in Washington, D.C. as part of a remedial investigation/feasibility study. Also sampled soil, surface water, ground water, and sediment. Additionally, recorded and statistically analyzed environmental data and presented the findings in reports.
- Over a period of one year, he was the site Environmental Health and Safety Officer / Environmental Inspector on a large brownfield site undergoing commercial development. In that role, he monitored environmental conditions of the site and ensured that remedial actions were conducted in accordance with the remedial design approved by the USEPA.
- He performed for the Argonne National Laboratory environmental sampling of potential construction sites known to be contaminated at the Edgewood Area of the U.S. Army's Aberdeen Proving Ground, Maryland.

THOMAS R. MILLS, P.E., P.G.

EDUCATION

B.S. Degree 1965, Geological Engineering, Michigan Technological University

Courses in Groundwater Hydrology and Soils & Foundation Engineering,
Johns Hopkins University and Howard University

PROFESSIONAL REGISTRATIONS

Professional Engineer: Maryland, Pennsylvania, and Virginia
Professional Geologist: Pennsylvania

EXPERIENCE

1982-Present	President & Principal Engineer/Geologist, Hydro-Terra, Inc., Columbia, MD
1972-1982	Project Engineer to Vice President, Hittman Associates, Inc., Columbia, MD
1968-1972	Geotechnical Engineer; Rummel, Klepper & Kahl; Baltimore, MD
1966-1968	Commissioned Officer, U.S. Army Corps of Engineers, U.S. and Vietnam
1965-1966	Geophysical Engineer, Continental Oil Company, Western U.S.

General Experience

Mr. Mills has 37 years of consulting experience in the fields of environmental engineering and science, hydrogeology, and geotechnical engineering. He founded Hydro-Terra in 1982 and before that was the Director of the Natural Resources Division of a national environmental consulting firm. Since 1972, he has been actively engaged in the conduct of environmental investigations for government- and private-sector clients and in the management of interdisciplinary project teams conducting environmental work at locations across the U.S. He managed a multi-year investigation of contaminated CERCLIS properties involving property-use research, site characterization, risk assessment, and the identification and design remedial practices. He also completed Phase II environmental site assessments and directed the investigation of a Superfund site, and has coauthored national publications on land reclamation and water-pollution control for federal agencies. Besides his environmental experience, Mr. Mills has completed a number of ground-water supply investigations and has conducted geotechnical investigations required in the design of earth structures, the reclamation of mined lands, and the construction of roadways.

Relevant Project Experience

- Performed a four-phase RI/FS of an industrial property in Washington, D.C. formerly used to manufacture gas. Work included extensive subsurface investigation, multi-media sampling,

assessment of ecological and human-health risks, and evaluation of alternative remedial practices. Following the RI/FS, a remedial design was prepared and approved by the U.S. Environmental Protection Agency (USEPA).

- Managed the site-characterization phase of an environmental investigation of two industrial (CERCLIS) sites in Harford County, Maryland, and directed the completion of an RI/FS of the sites in accordance with USEPA guidance. Work included ground-water sampling and analysis, soil-gas and geophysical mapping of contamination, aquatic investigation, risk assessment, and evaluation of alternative remedial practices.
- Performed a remedial investigation of a Maryland-CERCLA site in Frederick, Maryland formerly used to manufacture gas. Mapped the geology and contaminant plume, monitored ground-water quality, evaluated different remedial practices, and designed methods of extracting coal tar (DNAPL) from a limestone aquifer.
- Conducted a Phase II environmental site assessment of a property formerly contaminated with PCBs. Searched records of remedial actions taken by the U.S. EPA, interviewed property owners and regulatory personnel, sampled and tested soils and waste, and determined suitability of the site for the proposed use.
- Investigated a major fuel-oil spill from an underground storage tank in Baltimore County, Maryland. Mapped the free-product plume in the water-bearing unit, installed production and monitoring wells, designed and installed a ground-water treatment facility, and monitored the performance of the fuel-recovery and ground-water treatment effort.
- Conducted several environmental investigations at an active landfill in Prince Georges County, Maryland. Work has involved design of a leachate collection system, design and installation of a ground-water monitoring system, mapping of the ground-water table, geotechnical testing of soil, analysis of alternative capping practices, monitoring of ground-water quality, expert testimony, and permitting assistance.
- Directed a remedial investigation of a Superfund site in Oklahoma involving heavy-metal contamination of drinking water supplies due to acid-mine drainage from abandoned lead and zinc mines. The work involved research of mining records, estimation of flow, characterization of water quality, and analysis of alternative remedial actions.

Thomas R. Mills

Page 3 of 3

- Managed the completion of an environmental impact statement for a plan to dispose of steel-making slag in Baltimore Harbor.
- Investigated for the U.S. Department of Energy the environmental effects of constructing coal-conversion facilities in the major coal fields of the U.S.
- Conducted preliminary investigations of several sites for use in storing low-level radioactive wastes.

APPENDIX B.

Figures

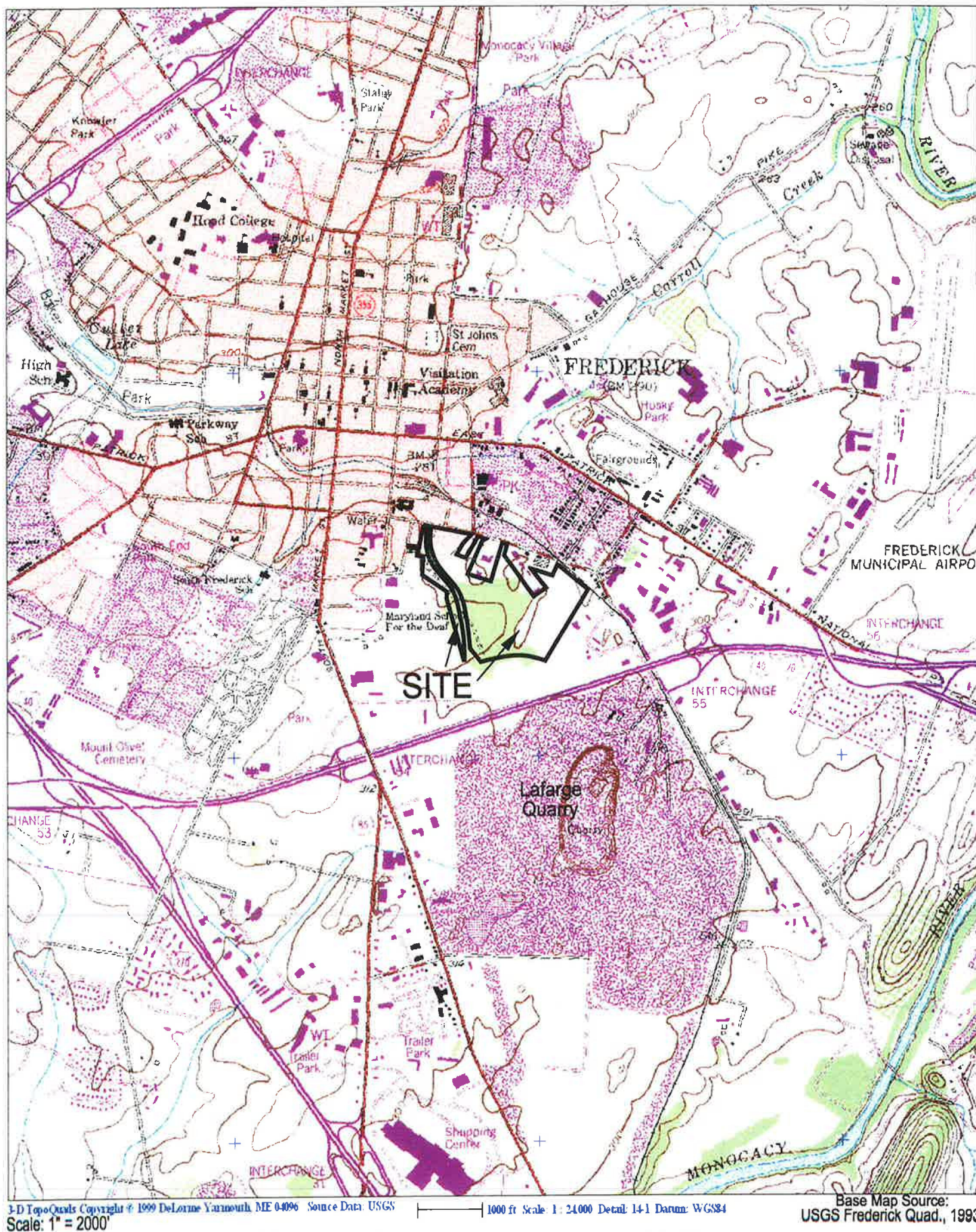


Figure 1. Site Location and Topographic Map

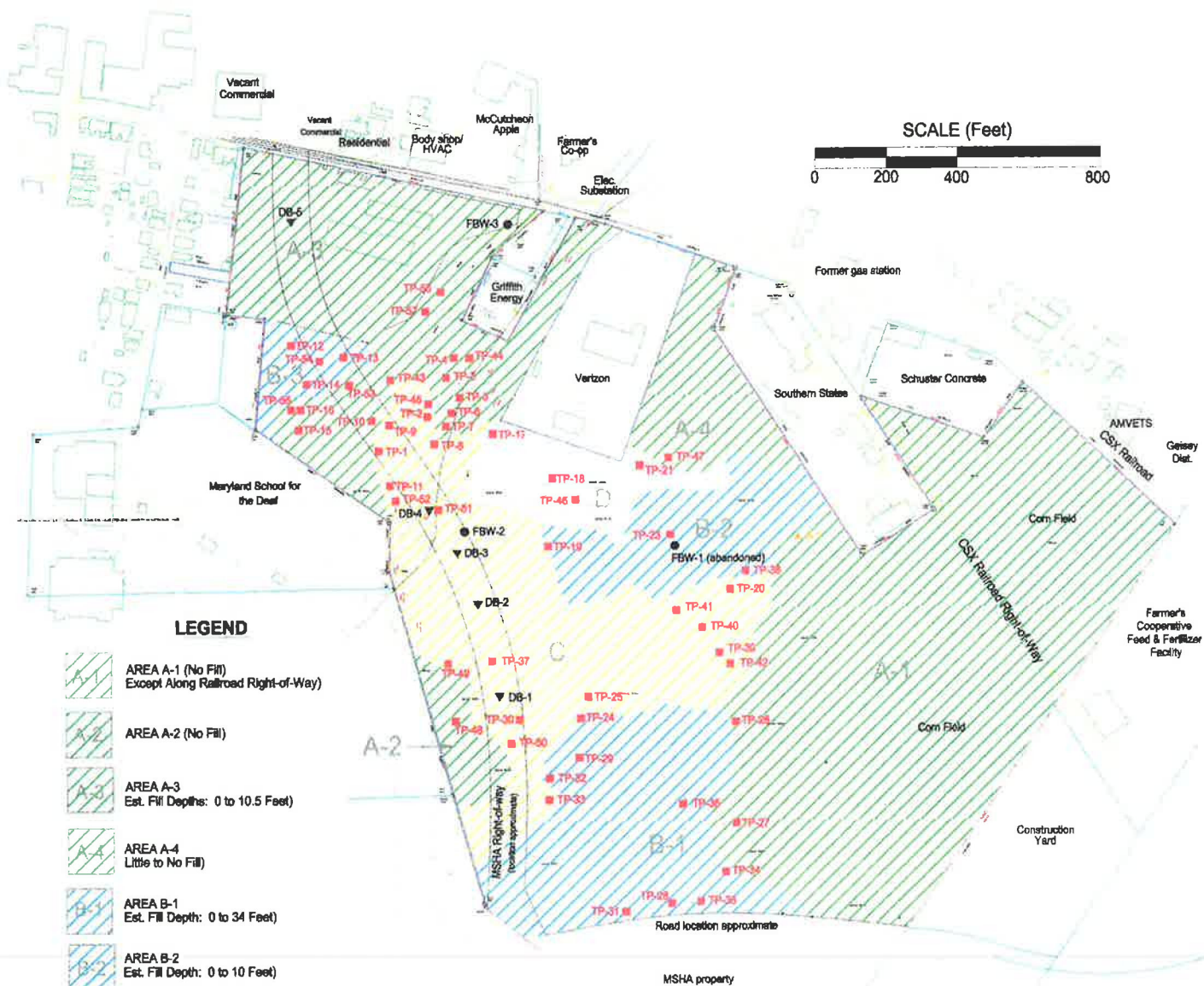


FIGURE 2.
Locations of Sampled Test Pits, Un-sampled Test Pits, and Monitoring Wells
(See Appendix B for Descriptions of Mapped Units)
(See Figure 3 for locations of Hillis-Carnes Test Pits on Kline Fill)
FREDERICK BRICK WORKS, INC. PROPERTY

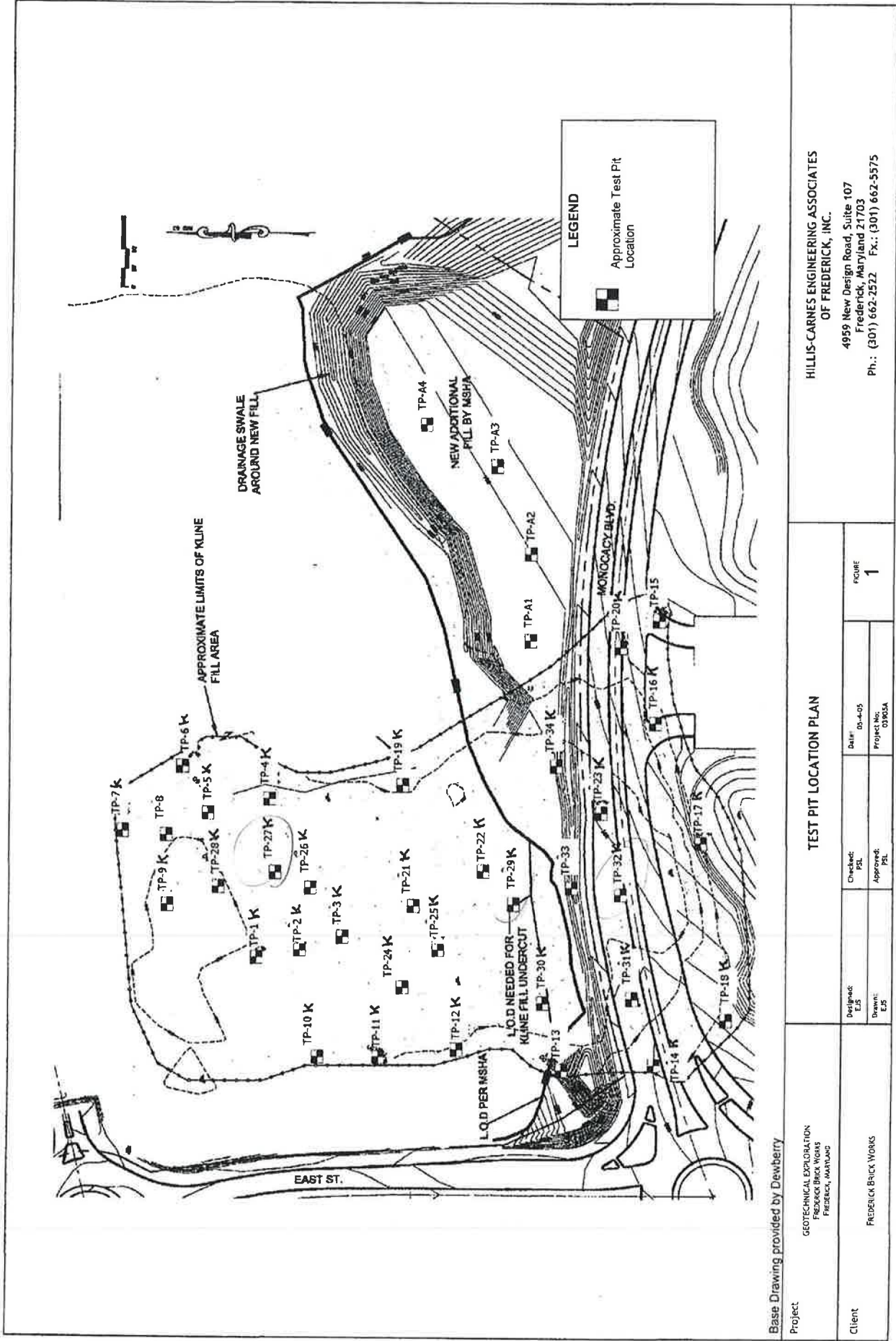


FIGURE 3

APPENDIX C.

Site & Vicinity Photographs



Photo 1. Front of office/warehouse building, looking west.



Photo 2. Area between office/warehouse & newer warehouse, looking east.



Photo 3. Building southwest of newer, metal warehouse.



Photo 4. South of metal warehouse, looking east.



Photo 5. Looking southeast from former brick yard.



Photo 6. Looking southwest from former brick yard. Maryland School for the Deaf is beyond trees. East Street extension construction behind fence.



Photo 7. Remains of former coal tippie, looking northeast. Griffith Energy is in background.



Photo 8. Pipe insulation in crawl space beneath office. The insulation likely contains friable asbestos.



Photo 9. Interior of office building.



Photo 10. Interior of office building.



Photo 11. Two layers of floor tiles in office. They may contain asbestos.



Photo 12. Floor tiles in office building. They may contain asbestos.



Photo 13. Interior of garage-like room between office and warehouse.



Photo 14. Ceiling tiles in garage-like room that may contain asbestos.

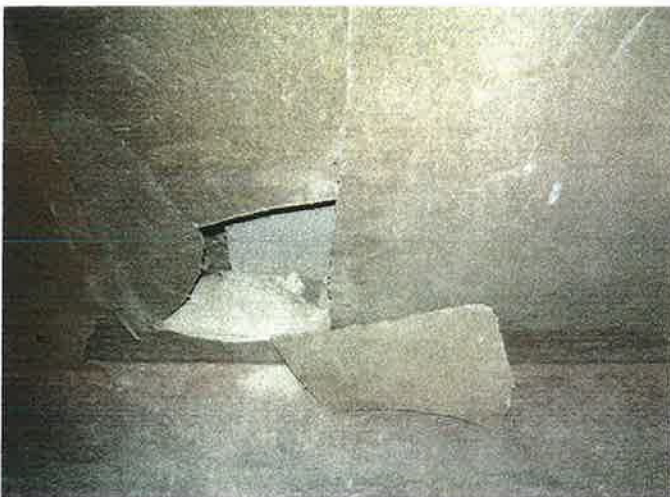


Photo 15. Wall panels in garage that may contain asbestos.

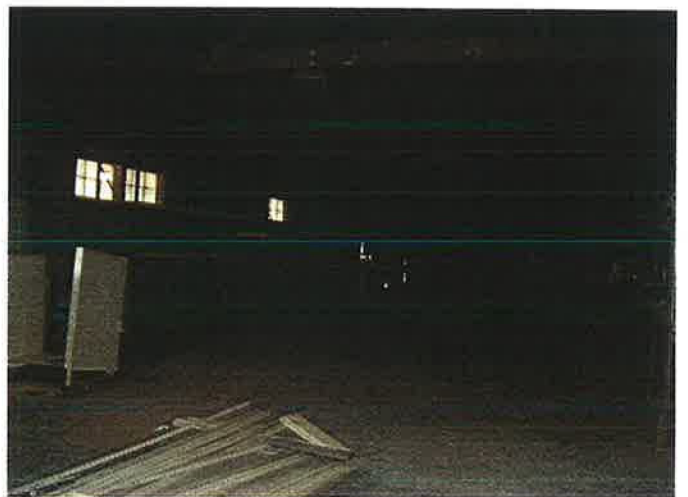


Photo 16. Interior of warehouse that adjoins office.



Photo 17. Roof panels of warehouse that may contain



Photo 18. Pyrobar blocks in basement of warehouse. The blocks may contain asbestos.



Photo 19. Vacant business to northwest of Site.



Photo 20. Vacant business and residential area to north of Site.



Photo 21. Griffith Energy to east of former brick yard.



Photo 22. Farmer's Cooperative petroleum distribution center.



Photo 23. Allegheny Power substation to north.



Photo 24. Verizon office and yard on north edge of Site.



Photo 25. Southern States Cooperative in distance.



Photo 26. Surface-water runoff channel going from Southern States to Site.



Photo 27. Area that collects surface water runoff from Southern States.



Photo 28. Schuster Concrete north of Site.



Photo 29. Farmer's Cooperative feed & fertilizer storage facility adjacent to northeast part of Site.



Photo 30. Construction storage yard east of Site.



Photo 31. MSHA highway interchange construction to the south of Site, looking southeast.



Photo 32. MSHA highway interchange construction to the south of Site, looking southwest.



Photo 33. Middle of Site looking northwest from south-central portion of Site.



Photo 34. Middle of Site, looking east.



Photo 35. Looking northeast from Kline fill to woods on eastern portion of Site.



Photo 36. Looking north from southern edge of Kline fill. Demolition rubble in foreground.



Photo 37. Looking southwest from top of temporary soil stockpile.



Photo 38. Temporary stockpiles of soil & concrete.



Photo 39. Northern portion of western section of Site.



Photo 40. Southern portion of western section of Site.

APPENDIX D.

Environmental Data Resources, Inc. Report



EDR® Environmental
Data Resources Inc

APR 13 2007

The EDR Radius Map with GeoCheck®

**Frederick Brick Works
184 East South Street
Frederick, MD 21701**

Inquiry Number: 1898628.2s

April 10, 2007

The Standard in Environmental Risk Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

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Please contact EDR at 1-800-352-0050
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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

184 EAST SOUTH STREET
FREDERICK, MD 21701

COORDINATES

Latitude (North): 39.406600 - 39° 24' 23.8"
Longitude (West): 77.402200 - 77° 24' 7.9"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 293167.8
UTM Y (Meters): 4364443.5
Elevation: 299 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 39077-D4 FREDERICK, MD
Most Recent Revision: 1993

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
FREDERICK BRICK WORKS 184 E. SOUTH ST. FREDERICK, MD	OCPCASES Facility Status: CLOSED	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions

EXECUTIVE SUMMARY

NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODL	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
US CDL	Clandestine Drug Labs
LUCIS	Land Use Control Information System
RADINFO	Radiation Information Database
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SWF/LF	Permitted Solid Waste Disposal Facilities
INST CONTROL	Voluntary Cleanup Program Applicants/Participants
VCP	Voluntary Cleanup Program Applicants/Participants
DRYCLEANERS	Registered Drycleaning Facilities
NPDES	Wastewater Permit Listing
AIRS	Permit and Facility Information Listing
LEAD	Lead Inspection Database

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VERIZON MD INC FREDERICK 38447	450 E SOUTH ST	1/8 - 1/4 NNE	A2	6
FABRICATIONS UNLIMITED	809 H SOUTH ST	1/8 - 1/4 ENE	D21	26

US BROWNFIELDS: The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 01/29/2007 has revealed that there are 2 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FREDERICK PARCEL F	EAST AND COMMERCE STREE	1/4 - 1/2 NW	30	40
FREDERICK PARCEL G	126 S. CARROLL & 101 E.	1/4 - 1/2 NW	G37	44

STATE AND LOCAL RECORDS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of the Environment's Notice of Potential Hazardous Waste Sites list.

A review of the SHWS list, as provided by EDR, and dated 08/01/2006 has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FREDERICK TOWN GAS	350 CHURCH ST	1/2 - 1 N	I48	47
Facility Status: No Further Remedial Action				
FREDERICK TOOL AND DIE CO INC	579 E CHURCH ST	1/2 - 1 NNE	49	48
Facility Status: Formerly Investigated Site				

EXECUTIVE SUMMARY

SWRCY: List of Department of Environment's Recycling Facilities

A review of the SWRCY list, as provided by EDR, and dated 01/18/2007 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
THE FREDERICK NON-PROFIT BUILD	105 EAST SOUTH STREET	1/4 - 1/2NW	F31	41

MD OCPCASES: Cases monitored by the Oil Control Program.

A review of the OCPCASES list, as provided by EDR, and dated 01/16/2007 has revealed that there are 24 OCPCASES sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported Facility Status: CLOSED	130 E. SOUTH STREET	1/4 - 1/2NW	26	39
CITY OF FREDERICK Facility Status: CLOSED	111 E. SOUTH ST.	1/4 - 1/2NW	F29	40
MARYLAND SCHOOL FOR THE DEAF Facility Status: CLOSED Facility Status: CLOSED	101 CLARKE PLACE	1/4 - 1/2 WNW 33		41
I-70 TRUCK CITY Facility Status: CLOSED	10 E. WALSER DR.	1/4 - 1/2 SW	44	46

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
C & P TELEPHONE CO Facility Status: CLOSED	450 E. SOUTH ST	1/8 - 1/4 NNE	A3	6
J.H.G. CONTRACTORS Facility Status: OPEN	519 E. SOUTH STREET	1/8 - 1/4 NNE B8		12
FREDERICK PETROLEUM CORP. Facility Status: CLOSED	200 E. SOUTH STREET	1/8 - 1/4 NNW	C11	17
MCCUTCHEON APPLE PRODUCTS Facility Status: CLOSED	199 E. SOUTH ST.	1/8 - 1/4 NNW	C14	21
GRIFFITH OIL CO Facility Status: OPEN	200 E. SOUTH ST	1/8 - 1/4 NNW	C15	21
GENE ROMSBURG CO. Facility Status: CLOSED	809 E. SOUTH ST.	1/4 - 1/2 E	E22	37
WOLFE BROTHERS Facility Status: CLOSED	809 E. SOUTH STREET	1/4 - 1/2 E	E23	37
FREDERICK CO. PRODUCTS INC. Facility Status: CLOSED	809 E. SOUTH ST.	1/4 - 1/2 E	E24	38
PIECE & PLENTY PROPERTY Facility Status: CLOSED	55 HAMILTON AVENUE	1/4 - 1/2 NE	25	39
RICHARD D. RUDY TRANSPORTATION Facility Status: CLOSED	FRANKLIN / BERNARD ST	1/4 - 1/2 ENE	28	40
WAYSIDE RADIO SERVICE Facility Status: CLOSED	423-A PATRICK ST	1/4 - 1/2 NNE	32	41
LIPPARTS CABINET SHOP Facility Status: CLOSED	20 COMMERCE STREET	1/4 - 1/2 NW	G34	43

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DALE GRIMM /CITY OF FREDERICK Facility Status: CLOSED	126 S. CARROLL ST.	1/4 - 1/2 NW	G35	43
GRIMM MOTOR SERVICE Facility Status: CLOSED	126 S. CARROLL STREET	1/4 - 1/2 NW	G36	43
ABANDONED LOT Facility Status: CLOSED	125 S. CARROLL ST.	1/4 - 1/2 NW	G38	44
ALLEGHANY P. Facility Status: CLOSED	421 E. PATRICK ST.	1/4 - 1/2 N	H39	45
ALLEGHENY POWER- FREDERICK Facility Status: OPEN	421 E. PATRICK STREET	1/4 - 1/2 N	H40	45
HORN ELECTRIC Facility Status: CLOSED	416 E. PATRICK ST	1/4 - 1/2 N	H41	45
7-11 Facility Status: CLOSED	430 E. PATRICK STREET	1/4 - 1/2 NNE	42	46
DEWEY JORDAN INC. Facility Status: CLOSED	6309 MONOCACY BLVD.	1/4 - 1/2 ESE	43	46

HIST LUST: In 1999, the Department of the Environment stopped adding new sites to its Recovery Sites Database. Current leaking underground storage tank information maybe found in underground storage tank information maybe found in the OCPCASES database.

A review of the HIST LUST list, as provided by EDR, and dated 03/01/1999 has revealed that there are 2 HIST LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
J.H.G. CONTRACTORS Open Or Closed: OPEN	519 E SOUTH ST	1/8 - 1/4 NNE	B6	9
FARMER CO-OP Open Or Closed: OPEN	WISNER ST / SOUTH ST	1/8 - 1/4 NNW	C12	17

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of the Environment's Listing of Underground Storage Tanks Reported in Maryland.

A review of the UST list, as provided by EDR, and dated 02/22/2007 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FREDERICK SOC (GLC-38447)	450 EAST SOUTH STREET	1/8 - 1/4 NNE	A5	8
J.H.G. CONTRACTORS	519 E. SOUTH STREET	1/8 - 1/4 NNE	B8	12
FREDERICK TERMINAL INC.	200 E. SOUTH STREET	1/8 - 1/4 NNW	C16	22
MCCUTCHEON APPLE PRODUCTS, INC	199 E. SOUTH STREET	1/8 - 1/4 NNW	C18	25
GEISER DISTRIBUTING CO., INC.	706 W. SOUTH STREET	1/8 - 1/4 ENE	D19	25

EXECUTIVE SUMMARY

HIST UST: Historical UST Registered Database.

A review of the Historical UST list, as provided by EDR, and dated 11/21/1996 has revealed that there are 4 Historical UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FREDERICK SOC (38447)	450 E SOUTH ST	1/8 - 1/4 NNE	A4	7
FAMILY BRAND GAS STATION	519 E SOUTH ST	1/8 - 1/4 NNE	B7	9
FREDERICK PETROLEUM CORP.	200 E SOUTH ST	1/8 - 1/4 NNW	C17	23
GEISEY DIST. CO., INC.	706 E SOUTH ST	1/8 - 1/4 ENE	D20	26

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of the Environment's Listing of Aboveground Storage Tanks Reported in Maryland.

A review of the AST list, as provided by EDR, and dated 11/08/2006 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DANIEL G. SCHUSTER, INC. - FRE	530 EAST SOUTH STREET	1/8 - 1/4 NE	B10	16
GRIFFITH ENERGY SERVICES, INC	200 EAST SOUTH STREET	1/8 - 1/4 NNW	C13	17

BROWNFIELDS: The Site Assessment Section of the State Superfund Division is responsible for conducting federally funded assessments of eligible brownfields properties. These assessments are undertaken to determine whether there are environmental cleanup requirements at these sites.

A review of the BROWNFIELDS list, as provided by EDR, and dated 01/08/2007 has revealed that there are 2 BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FREDERICK PARCEL F	EAST ST / COMMERCE ST	1/4 - 1/2 NNW	27	39
FREDERICK PARCELS J AND K	400-423 EAST PATRICK ST	1/4 - 1/2 N	46	47

EDR PROPRIETARY RECORDS

EDR Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there are 2 Manufactured Gas Plants sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
THE AMERICAN LIGHT AND HEAT CO	E PATRICK STREET	1/4 - 1/2 NNW	45	46
FREDERICK TOWN GAS	350 CHURCH STREET	1/2 - 1 N	I47	47

EXECUTIVE SUMMARY

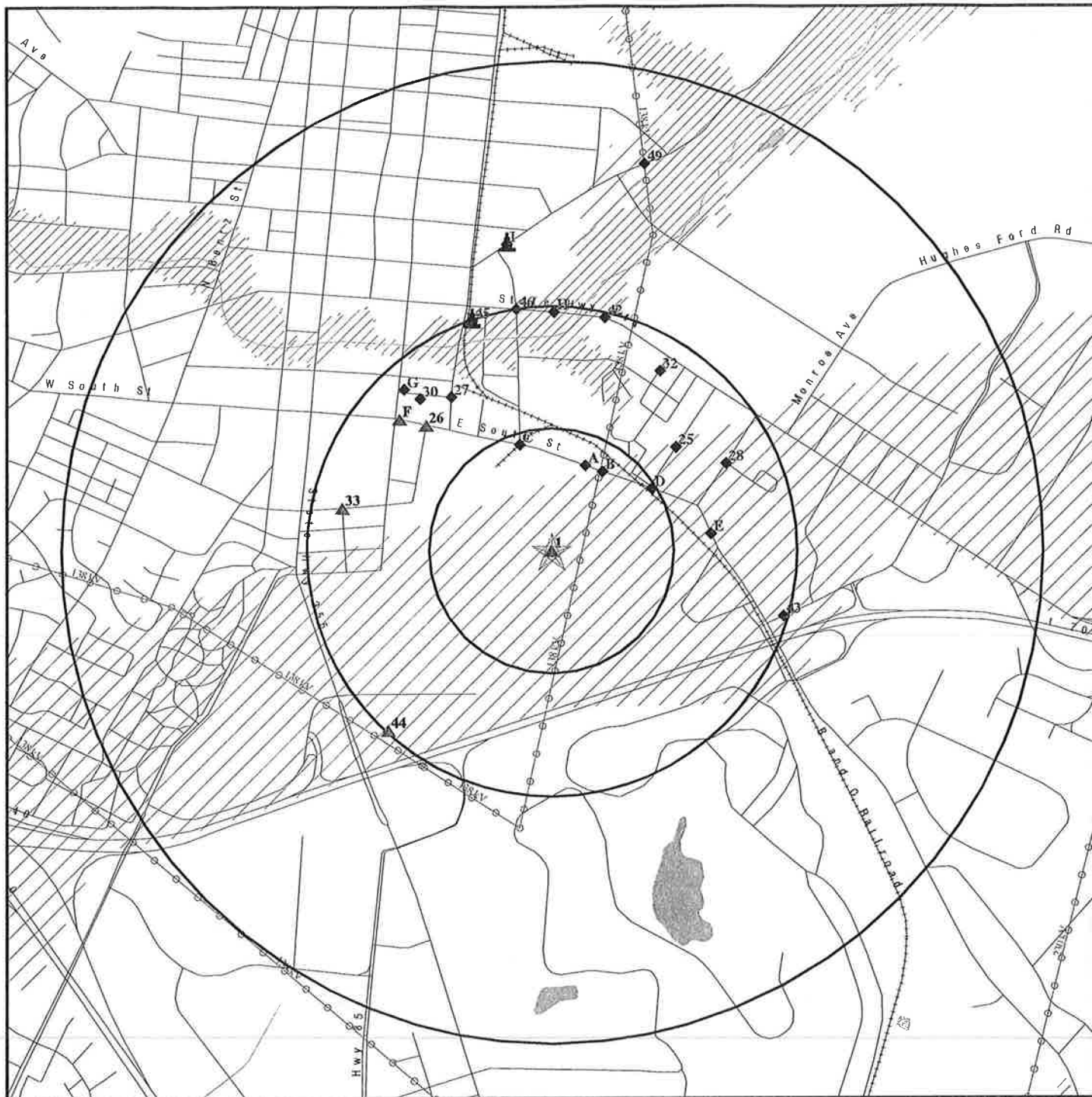
Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
FREDERICK CITY WWTP	NPDES
ROSE HILL CLEANERS	DRYCLEANERS
NU-LOOK CLEANERS - ROUTE 40	DRYCLEANERS
EDDIE'S CLEANERS - 500 SOUTH MARKET	DRYCLEANERS
NCI FREDERICK CANCER RESEARCH	SHWS
USA FORT DETRICK	SHWS
FORT DETRICK	CERCLIS, SHWS, FINDS,
	OCPCASES
FORT DETRICK INCINERATOR COMPLEX	SWF/LF
SATURN OF FREDERICK	OCPCASES
FREDERICK CO. PARKS & RECREATION	OCPCASES
FREDERICK CO. WATER & SEWAGE	OCPCASES
FREDERICK HGTS APARTMENT	OCPCASES
FREDERICK HEIGHTS APTS	OCPCASES
FREDERICK HEIGHTS APTS	OCPCASES
FREDERICK HIGH SCHOOL	OCPCASES
FREDERICK HEIGHTS APTS- BLDG 1092	OCPCASES
FREDERICK CO SCHOOL BUS GARAGE	OCPCASES
FREDERICK DISTRIBUTORS CO.	OCPCASES
FREDERICK COUNTY DETENTION CENTER	OCPCASES
FREDERICK BANK & TRUST	OCPCASES
FREDERICK CO. ROADS DEPT	OCPCASES
FREDERICK MAINTENANCE	OCPCASES
FREDERICK BUSINESS PROPERTY	OCPCASES
HI-GEAR AUTO CENTER/FREDERICK SHOPPER'S	OCPCASES
FREDERICK ARMORY	OCPCASES
FREDERICK AUTO BODY	OCPCASES
FREDERICK NEWS POST	OCPCASES
FREDERICK HEIGHTS APTS.	OCPCASES
FREDERICK CO. DP REICHS FORD LANDFILL	OCPCASES
FREDERICK CO. LANDFILL	OCPCASES
FREDERICK COFFEE CO	OCPCASES
SATURN OF FREDERICK	OCPCASES
FREDERICK	OCPCASES
PRINCE FREDERICK POST OFFICE	OCPCASES
SITE D - FORMER B&O TERMINAL	VCP
FREDERICK IRON & STEEL, INC.	Historical UST
DRONEBURG, G. ROGER	Historical UST
EXXON #21639	Historical UST
FREDERICK AUTOMOTIVE	Historical UST
FIRESTONE STORE #17F5	Historical UST
FREDERICK MEMORIAL HOSPITAL	Historical UST
CHEVRON U.S.A, INC.	Historical UST
FREDERICK AIRPORT	Historical UST
FREDERICK COUNTY COMMISSIONERS	Historical UST
GAMBRILL STATE PARK	Historical UST
FREDERICK WWTP	Historical UST
FREDERICK AVIATION, INC.	Historical UST
CERESVILLE PUMPING STATION	Historical UST
SOUTHERN STATES FRED. CORP, INC.	Historical UST
FREDERICK QUARRY	Historical UST
FREDERICK PAVING CONSTRUCTION	Historical UST

EXECUTIVE SUMMARY

GENSTAR STONE PRODUCTS COMPANY	Historical UST
FIRESTONE STORE #17F5	UST
FREDERICK AIRPORT-VOR SITE	UST
FREDERICK VORTAL (FDK)	UST
RELAY STATION	UST
FREDERICK COUNTY DETENTION CENTER	UST
CITY OF FREDERICK	UST
SOUTHERN STATES FREDERICK COOPERATIVE INCORPORATED	FINDS, UST
FREDERICK QUARRY	UST
FARMERS COOPERATIVE PETROLEUM DISTRIBUTION FACILIY	AST
TEXACO SERVICE STATION	RCRA-SQG, FINDS
FREDERICK COUNTY SANITARY DISPOSAL INC	RCRA-SQG, FINDS
UNITED CONCRETE PRODUCTS	RCRA-SQG
NU-LOOK CLEANERS	RCRA-SQG, FINDS
MONTGOMERY WARD AUTO EXPRESS	RCRA-SQG, FINDS
LAFARGE MID ATLANTIC FREDERICK	RCRA-SQG, FINDS
TEXACO SERVICE STATION	RCRA-SQG, FINDS
FREDERICK PAINTING AND SUPPLY	RCRA-SQG
CHESAPEAKE & POTOMAC TELEPHONE CO	RCRA-SQG, FINDS
4120 BUCKEYTOWN PIKE NEAR FREDERICK MD. 4 MILES SOUTH	ERNS
FREDERICK I-70 TRUCK STOP AT INTERSECTION OF I-70 AND ST RT	ERNS
EXXON - RTE. 15, FREDERICK	FINDS
FREDERICK ARMORY	FINDS
FREDERICK RECREATION CENTER	FINDS
FREDERICK IRON & STEEL INC	FINDS
FREDERICK ASPHALT CO LC	FINDS
FREDERICK CANCER RESEARCH CENTER	FINDS
FREDERICK PAINTING AND SUPPLY	FINDS
MCCORMICK PAINT WORKS	FINDS
FREDERICK CO. ADULT DETENTION CNTR.	FINDS
FREDERICK COMMUNITY COLLEGE	FINDS
FREDERICK AUTO BODY	FINDS
LAFARGE MID-ATLANTIC INC FREDERICK RMX	FINDS
GAS MART OF FREDERICK	FINDS
LAFARGE MID-ATLANTIC INC FREDERICK RMX	TRIS
FREDERICK PARCEL G	BROWNFIELDS
FREDERICK PARCEL D	BROWNFIELDS
SOUTHERN STATES FREDERICK COOP., INC.	SSTS
H & H MILLWORK INCORPORATED	NY MANIFEST
WERRES CORPORATION	NY MANIFEST

OVERVIEW MAP - 1898628.2s



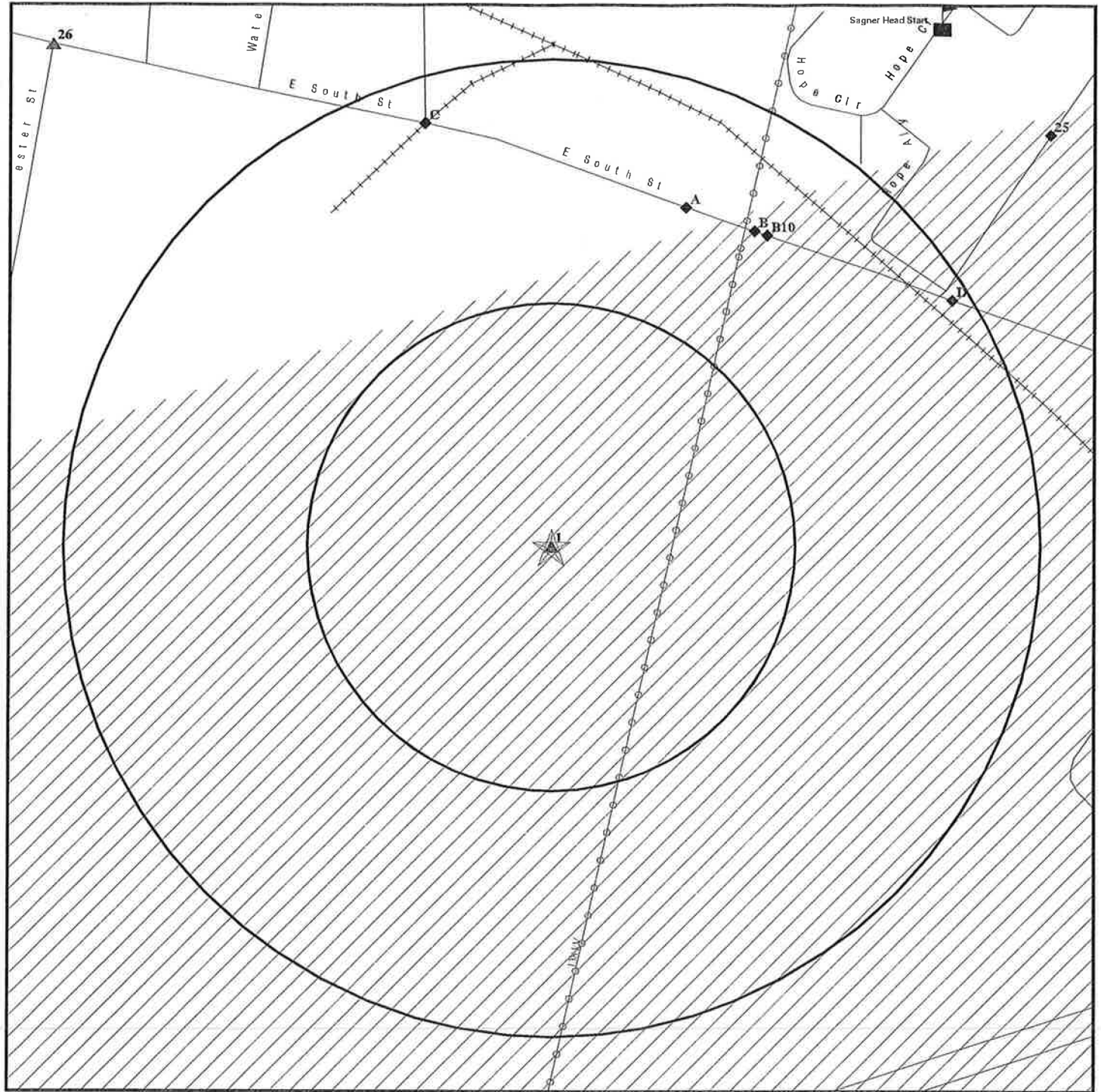
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Frederick Brick Works
 ADDRESS: 184 East South Street
 Frederick MD 21701
 LAT/LONG: 39.4066 / 77.4022

CLIENT: Hydro-Terra, Inc.
 CONTACT: GARY PARKS
 INQUIRY #: 1898628.2s
 DATE: April 10, 2007 10:10 am

DETAIL MAP - 1898628.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ▲ Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Frederick Brick Works
 ADDRESS: 184 East South Street
 Frederick MD 21701
 LAT/LONG: 39.4066 / 77.4022

CLIENT: Hydro-Terra, Inc.
 CONTACT: GARY PARKS
 INQUIRY #: 1898628.2s
 DATE: April 10, 2007 10:10 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	2	NR	NR	NR	2
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	2	NR	NR	2
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.000	0	0	0	2	NR	2
State Landfill		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	1	NR	NR	1
OCPCASES	X	0.500	0	5	19	NR	NR	24
HIST LUST		0.500	0	2	0	NR	NR	2
UST		0.250	0	5	NR	NR	NR	5
Historical UST		0.250	0	4	NR	NR	NR	4
AST		0.250	0	2	NR	NR	NR	2
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
BROWNFIELDS		0.500	0	0	2	NR	NR	2
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
LEAD		TP	NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	1	1	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

1
Target
Property

FREDERICK BRICK WORKS
184 E. SOUTH ST.
FREDERICK, MD

OCPCASES

S104848539
N/A

Actual:
299 ft.

OCP:

Facility ID: 99-2763FR
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Tank Closure - Motor/Lube Oil
Missing in Action: False

A2
NNE
1/8-1/4
989 ft.

VERIZON MD INC FREDERICK 38447
450 E SOUTH ST
FREDERICK, MD 21701

RCRA-SQG
FINDS

1006808239
MDR000507483

Relative:
Lower

Site 1 of 4 in cluster A

RCRAInfo:

Owner: VERIZON MD INC
EPA ID: MDR000507483
Contact: PAUL HOWARD
(301) 236-8366

Actual:
291 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

MD-RCRA (Maryland - Resource Conservation And Recovery Act Information System) houses state information relating to the Resource Conservation and Recovery Act (RCRA).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A3
NNE
1/8-1/4
989 ft.

C & P TELEPHONE CO
450 E. SOUTH ST
FREDERICK, MD 21701

OCPCASES

S104611349
N/A

Relative:
Lower

Site 2 of 4 in cluster A

OCP:

Facility ID: 93-1627FR
Facility Status: CLOSED
Date Open: Not reported

Actual:
291 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

C & P TELEPHONE CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104611349

Date Closed: Not reported
Release: Not reported
Cleanup: Not reported
Facility Code: Not reported
Missing in Action: False

A4
NNE
1/8-1/4
989 ft.

FREDERICK SOC (38447)
450 E SOUTH ST
FREDERICK, MD 21701

Historical UST S104631442
N/A

Site 3 of 4 in cluster A

Relative:
Lower

Historical UST:

Actual:
291 ft.

Facility ID: 3006416
Tank ID: 001
Age: 20
Capacity: 10,000
Tank Status: Removed
Product: Gasoline

Facility ID: 3006416
Tank ID: 002
Age: 20
Capacity: 1,000
Tank Status: Removed
Product: Used Oil

Facility ID: 3006416
Tank ID: 003
Age: 3
Capacity: 1,000
Tank Status: Currently in use
Product: Used Oil

Facility ID: 3006416
Tank ID: 001
Age: 20
Capacity: 10,000
Tank Status: Removed
Product: Gasoline

Facility ID: 3006416
Tank ID: 002
Age: 20
Capacity: 1,000
Tank Status: Removed
Product: Used Oil

Facility ID: 3006416
Tank ID: 003
Age: 3
Capacity: 1,000
Tank Status: Currently in use
Product: Used Oil

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

A5
NNE
1/8-1/4
989 ft.

FREDERICK SOC (GLC-38447)
450 EAST SOUTH STREET
FREDERICK, MD 21701

UST **U003738225**
N/A

Site 4 of 4 in cluster A

Relative:
Lower

UST:

Actual:
291 ft.

Facility ID: 8427
Owner Id: 2
Owner Name: Verizon - Maryland, Inc.
Owner Contact: Peter Heimlicher
Owner Address: 13101 Columbia Pike, Rm 213B
Owner City,St,Zip: Silver Spring, MD 20904
Owner Phone: (301) 236-8124
Operator: Lois Bayless
Tank ID: 3
Authorized Representative: P.L. Howard/L.F. Bayless
Title: Specialist
Date: 9/19/1997
Date Installed: 1/1/1976
Substance Description: Used Oil
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Bare Steel
Tank Status: Permanently Out of Use
Capacity: 1000

Facility ID: 8427
Owner Id: 2
Owner Name: Verizon - Maryland, Inc.
Owner Contact: Peter Heimlicher
Owner Address: 13101 Columbia Pike, Rm 213B
Owner City,St,Zip: Silver Spring, MD 20904
Owner Phone: (301) 236-8124
Operator: Lois Bayless
Tank ID: 2
Authorized Representative: P.L. Howard/L.F. Bayless
Title: Specialist
Date: 9/19/1997
Date Installed: 1/1/1976
Substance Description: Gasoline
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Bare Steel
Tank Status: Permanently Out of Use
Capacity: 10000

Facility ID: 8427
Owner Id: 2
Owner Name: Verizon - Maryland, Inc.
Owner Contact: Peter Heimlicher
Owner Address: 13101 Columbia Pike, Rm 213B
Owner City,St,Zip: Silver Spring, MD 20904
Owner Phone: (301) 236-8124
Operator: Lois Bayless
Tank ID: 1
Authorized Representative: P.L. Howard/L.F. Bayless
Title: Specialist
Date: 9/19/1997
Date Installed: 1/1/1993
Substance Description: Used Oil

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FREDERICK SOC (GLC-38447) (Continued)

EDR ID Number
EPA ID Number

Database(s)

Tank Material: Fiberglass Reinforced Plastic
Pipe Material: Fiberglass Reinforced Plastic
Tank Status: Currently In Use
Capacity: 1000

U003738225

B6
NNE
1/8-1/4
1017 ft.

J.H.G. CONTRACTORS
519 E SOUTH ST
FREDERICK, MD

HIST LUST S101505590
N/A

Site 1 of 5 in cluster B

Relative:
Lower

Historical LUST:

Recover Type: Monitoring - No active remediation. Sampling of monitoring wells only
County: FREDERICK
Case Number: 95-0122FR
Open/Closed: OPEN

Actual:
290 ft.

B7
NNE
1/8-1/4
1017 ft.

FAMILY BRAND GAS STATION
519 E SOUTH ST
FREDERICK, MD 21701

Historical UST S104631651
N/A

Site 2 of 5 in cluster B

Relative:
Lower

Historical UST:

Facility ID: 3006708
Tank ID: 001
Age: 24
Capacity: 2,000
Tank Status: Removed
Product: Diesel

Facility ID: 3006708
Tank ID: 002
Age: 24
Capacity: 4,000
Tank Status: Removed
Product: Gasoline

Facility ID: 3006708
Tank ID: 003
Age: 24
Capacity: 4,000
Tank Status: Removed
Product: Gasoline

Facility ID: 3006708
Tank ID: 004
Age: 24
Capacity: 4,000
Tank Status: Removed
Product: Gasoline

Facility ID: 3006708
Tank ID: 005
Age: Not reported
Capacity: 1,000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FAMILY BRAND GAS STATION (Continued)

S104631651

Tank Status:	Removed
Product:	Kerosene
Facility ID:	3006708
Tank ID:	006
Age:	Not reported
Capacity:	20,000
Tank Status:	Removed
Product:	Heating Oil
Facility ID:	3006708
Tank ID:	007
Age:	Not reported
Capacity:	20,000
Tank Status:	Removed
Product:	Heating Oil
Facility ID:	3006708
Tank ID:	008
Age:	Not reported
Capacity:	20,000
Tank Status:	Removed
Product:	Heating Oil
Facility ID:	3006708
Tank ID:	009
Age:	Not reported
Capacity:	20,000
Tank Status:	Removed
Product:	Heating Oil
Facility ID:	3006708
Tank ID:	010
Age:	Not reported
Capacity:	20,000
Tank Status:	Removed
Product:	Heating Oil
Facility ID:	3006708
Tank ID:	001
Age:	24
Capacity:	2,000
Tank Status:	Removed
Product:	Diesel
Facility ID:	3006708
Tank ID:	002
Age:	24
Capacity:	4,000
Tank Status:	Removed
Product:	Gasoline
Facility ID:	3006708
Tank ID:	003
Age:	24
Capacity:	4,000
Tank Status:	Removed

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FAMILY BRAND GAS STATION (Continued)

S104631651

Product:	Gasoline
Facility ID:	3006708
Tank ID:	004
Age:	24
Capacity:	4,000
Tank Status:	Removed
Product:	Gasoline
Facility ID:	3006708
Tank ID:	005
Age:	Not reported
Capacity:	1,000
Tank Status:	Removed
Product:	Kerosene
Facility ID:	3006708
Tank ID:	006
Age:	Not reported
Capacity:	20,000
Tank Status:	Removed
Product:	Heating Oil
Facility ID:	3006708
Tank ID:	007
Age:	Not reported
Capacity:	20,000
Tank Status:	Removed
Product:	Heating Oil
Facility ID:	3006708
Tank ID:	008
Age:	Not reported
Capacity:	20,000
Tank Status:	Removed
Product:	Heating Oil
Facility ID:	3006708
Tank ID:	009
Age:	Not reported
Capacity:	20,000
Tank Status:	Removed
Product:	Heating Oil
Facility ID:	3006708
Tank ID:	010
Age:	Not reported
Capacity:	20,000
Tank Status:	Removed
Product:	Heating Oil

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

B8
NNE
1/8-1/4
1017 ft.

J.H.G. CONTRACTORS
519 E. SOUTH STREET
FREDERICK, MD 21701

OCPCASES **U003737454**
UST **N/A**

Site 3 of 5 in cluster B

Relative:
Lower

OCP:

Actual:
290 ft.

Facility ID: 95-0122FR
Facility Status: OPEN
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: NO
Facility Code: Tank Closure - Motor/Lube Oil
Missing in Action: False

UST:

Facility ID: 6734
Owner Id: 4054
Owner Name: J.H.G. Contractors
Owner Contact: Jim Grove
Owner Address: 5216 Reels Mill Road
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1520
Operator: Jim Grove
Tank ID: 1
Authorized Representative: No signature
Title: Not reported
Date: 9/12/1994
Date Installed: 1/1/1972
Substance Description: Diesel
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Galvanized Steel
Tank Status: Permanently Out of Use
Capacity: 2000

Facility ID: 6734
Owner Id: 4054
Owner Name: J.H.G. Contractors
Owner Contact: Jim Grove
Owner Address: 5216 Reels Mill Road
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1520
Operator: Jim Grove
Tank ID: 9
Authorized Representative: No signature
Title: Not reported
Date: 9/12/1994
Date Installed: Not reported
Substance Description: Heating Oil
Tank Material: Not Listed
Pipe Material: Not Listed
Tank Status: Permanently Out of Use
Capacity: 20000

Facility ID: 6734
Owner Id: 4054
Owner Name: J.H.G. Contractors
Owner Contact: Jim Grove

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

J.H.G. CONTRACTORS (Continued)

U003737454

Owner Address: 5216 Reels Mill Road
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1520
Operator: Jim Grove
Tank ID: 10
Authorized Representative: No signature
Title: Not reported
Date: 9/12/1994
Date Installed: Not reported
Substance Description: Heating Oil
Tank Material: Not Listed
Pipe Material: Not Listed
Tank Status: Permanently Out of Use
Capacity: 20000

Facility ID: 6734
Owner Id: 4054
Owner Name: J.H.G. Contractors
Owner Contact: Jim Grove
Owner Address: 5216 Reels Mill Road
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1520
Operator: Jim Grove
Tank ID: 8
Authorized Representative: No signature
Title: Not reported
Date: 9/12/1994
Date Installed: Not reported
Substance Description: Heating Oil
Tank Material: Not Listed
Pipe Material: Not Listed
Tank Status: Permanently Out of Use
Capacity: 20000

Facility ID: 6734
Owner Id: 4054
Owner Name: J.H.G. Contractors
Owner Contact: Jim Grove
Owner Address: 5216 Reels Mill Road
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1520
Operator: Jim Grove
Tank ID: 7
Authorized Representative: No signature
Title: Not reported
Date: 9/12/1994
Date Installed: Not reported
Substance Description: Heating Oil
Tank Material: Not Listed
Pipe Material: Not Listed
Tank Status: Permanently Out of Use
Capacity: 20000

Facility ID: 6734
Owner Id: 4054
Owner Name: J.H.G. Contractors
Owner Contact: Jim Grove

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

J.H.G. CONTRACTORS (Continued)

U003737454

Owner Address: 5216 Reels Mill Road
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1520
Operator: Jim Grove
Tank ID: 5
Authorized Representative: No signature
Title: Not reported
Date: 9/12/1994
Date Installed: 1/1/1978
Substance Description: Kerosene
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Galvanized Steel
Tank Status: Permanently Out of Use
Capacity: 1000

Facility ID: 6734
Owner Id: 4054
Owner Name: J.H.G. Contractors
Owner Contact: Jim Grove
Owner Address: 5216 Reels Mill Road
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1520
Operator: Jim Grove
Tank ID: 4
Authorized Representative: No signature
Title: Not reported
Date: 9/12/1994
Date Installed: 1/1/1972
Substance Description: Gasoline
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Galvanized Steel
Tank Status: Permanently Out of Use
Capacity: 4000

Facility ID: 6734
Owner Id: 4054
Owner Name: J.H.G. Contractors
Owner Contact: Jim Grove
Owner Address: 5216 Reels Mill Road
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1520
Operator: Jim Grove
Tank ID: 2
Authorized Representative: No signature
Title: Not reported
Date: 9/12/1994
Date Installed: 1/1/1972
Substance Description: Gasoline
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Galvanized Steel
Tank Status: Permanently Out of Use
Capacity: 4000

Facility ID: 6734
Owner Id: 4054
Owner Name: J.H.G. Contractors
Owner Contact: Jim Grove

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

J.H.G. CONTRACTORS (Continued)

U003737454

Owner Address: 5216 Reels Mill Road
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1520
Operator: Jim Grove
Tank ID: 6
Authorized Representative: No signature
Title: Not reported
Date: 9/12/1994
Date Installed: Not reported
Substance Description: Heating Oil
Tank Material: Not Listed
Pipe Material: Not Listed
Tank Status: Permanently Out of Use
Capacity: 20000

Facility ID: 6734
Owner Id: 4054
Owner Name: J.H.G. Contractors
Owner Contact: Jim Grove
Owner Address: 5216 Reels Mill Road
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1520
Operator: Jim Grove
Tank ID: 3
Authorized Representative: No signature
Title: Not reported
Date: 9/12/1994
Date Installed: 1/1/1972
Substance Description: Gasoline
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Galvanized Steel
Tank Status: Permanently Out of Use
Capacity: 4000

B9
NNE
1/8-1/4
1020 ft.

CARROL CREEK REFINISHING
522 EAST SOUTH STREET
FREDERICK, MD 21701

NJ MANIFEST **S107609576**
N/A

Site 4 of 5 in cluster B

Relative:
Lower

NJ MANIFEST:
Manifest Code: NJA3293438
EPA ID: MDP000013104
Date Shipped: 20040322
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 040322
Date Trans2 Transported Waste: 000000
Date TSDf Received Waste: 040322
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 04290421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported

Actual:
290 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CARROL CREEK REFINISHING (Continued)

S107609576

Unit: Not reported
Hand Code: Not reported

B10
NE
1/8-1/4
1026 ft.

DANIEL G. SCHUSTER, INC. - FREDERICK PLANT
530 EAST SOUTH STREET
FREDERICK, MD 21701

FINDS 1006219291
AST 110009681433

Site 5 of 5 in cluster B

Relative:
Lower

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
289 ft.

MD-EPSC (Maryland - Environmental Permit Service Center) promotes multi-media pollution prevention and provides permit assistance to business and industries. An online permit guide is available and lists all permits, licenses and approvals that are issued by MDE.

AST:

Owner: DANIEL G. SCHUSTER, INC.
Owner Address: 52 NEW PLANT COURT
Owner Address2: P.O. BOX 604
Owner City,St,Zip: OWINGS MILLS, MD 21117
Tank ID: 1
Capacity: 12000
Product: DIESEL FUEL
Last Issue Date: 08/03/06
Expire Date: 08/03/11
Name: DANIEL G. SCHUSTER
Organization: DANIEL G. SCHUSTER, LLC
Work Phone: 301-698-9620
Facility Status: Issued Permit - Renewal

Owner: DANIEL G. SCHUSTER, INC.
Owner Address: 52 NEW PLANT COURT
Owner Address2: P.O. BOX 604
Owner City,St,Zip: OWINGS MILLS, MD 21117
Tank ID: 2
Capacity: 250
Product: KEROSENE
Last Issue Date: 08/03/06
Expire Date: 08/03/11
Name: DANIEL G. SCHUSTER
Organization: DANIEL G. SCHUSTER, LLC
Work Phone: 301-698-9620
Facility Status: Issued Permit - Renewal

Owner: DANIEL G. SCHUSTER, INC.
Owner Address: 52 NEW PLANT COURT
Owner Address2: P.O. BOX 604
Owner City,St,Zip: OWINGS MILLS, MD 21117
Tank ID: 3
Capacity: 275
Product: WASTE OIL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DANIEL G. SCHUSTER, INC. - FREDERICK PLANT (Continued)

1006219291

Last Issue Date: 08/03/06
Expire Date: 08/03/11
Name: DANIEL G. SCHUSTER
Organization: DANIEL G. SCHUSTER, LLC
Work Phone: 301-698-9620
Facility Status: Issued Permit - Renewal

C11
NNW
1/8-1/4
1197 ft.
FREDERICK PETROLEUM CORP.
200 E. SOUTH STREET
FREDERICK, MD 21701

OCPCASES **S104607899**
N/A

Site 1 of 8 in cluster C

Relative:
Lower

OCP:

Facility ID: 92-0679FR
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: NO
Facility Code: Well/GW Contamination - Motor/Lube Oil
Missing in Action: False

Actual:
287 ft.

C12
NNW
1/8-1/4
1197 ft.
FARMER CO-OP
WISNER ST / SOUTH ST
FREDERICK, MD

HIST LUST **S102321817**
N/A

Site 2 of 8 in cluster C

Relative:
Lower

Historical LUST:

Recover Type: Automatic - 24 hour remediation system is on site
County: FREDERICK
Case Number: 94-3055FR
Open/Closed: OPEN

Actual:
287 ft.

C13
NNW
1/8-1/4
1197 ft.
GRIFFITH ENERGY SERVICES, INC - FREDERICK
200 EAST SOUTH STREET
FREDERICK, MD 21701

AST **A100174984**
N/A

Site 3 of 8 in cluster C

Relative:
Lower

AST:

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4001
Capacity: 8000
Product: KEROSENE
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Actual:
287 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GRIFFITH ENERGY SERVICES, INC - FREDERICK (Continued)

A100174984

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4003
Capacity: 25000
Product: HEATING OIL - #2
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4005
Capacity: 25000
Product: GASOLINE
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4007
Capacity: 300
Product: DIESEL FUEL
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4009
Capacity: 275
Product: HEATING OIL - #2
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

GRIFFITH ENERGY SERVICES, INC - FREDERICK (Continued)

A100174984

Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4018
Capacity: 300
Product: MOTOR OIL
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4017
Capacity: 300
Product: ADDITIVES
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4016
Capacity: 275
Product: HEATING OIL - #2
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4013
Capacity: 20000
Product: GASOLINE
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GRIFFITH ENERGY SERVICES, INC - FREDERICK (Continued)

A100174984

Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4011
Capacity: 275
Product: WASTE OIL
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4010
Capacity: 100
Product: KEROSENE
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4008
Capacity: 300
Product: GASOLINE
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4006
Capacity: 25000
Product: DIESEL FUEL
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GRIFFITH ENERGY SERVICES, INC - FREDERICK (Continued)

A100174984

Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4004
Capacity: 25000
Product: HEATING OIL - #2
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

Owner: GRIFFITH ENERGY SERVICES, INC.
Owner Address: 2510 SCHUSTER DRIVE
Owner Address2: Not reported
Owner City,St,Zip: CHEVERLY, MD 20871
Tank ID: 4002
Capacity: 25000
Product: HEATING OIL - #2
Last Issue Date: 03/31/06
Expire Date: 03/31/11
Name: RANDY WAYNE
Organization: GRIFFITH ENERGY SERVICES, INC.
Work Phone: 301-322-3111
Facility Status: Issued Permit - Renewal

C14 MCCUTCHEON APPLE PRODUCTS
NNW 199 E. SOUTH ST.
1/8-1/4 FREDERICK, MD 21701
1197 ft.

OCPCASES S105508911
N/A

Site 4 of 8 in cluster C

Relative:
Lower

OCP:

Facility ID: 02-0932FR
Facility Status: **CLOSED**
Date Open: Not reported
Date Closed: Not reported
Release: NO
Cleanup: NO
Facility Code: B-9
Missing in Action: False

Actual:
287 ft.

C15 GRIFFITH OIL CO
NNW 200 E. SOUTH ST
1/8-1/4 FREDERICK, MD 21701
1197 ft.

OCPCASES S104598743
N/A

Site 5 of 8 in cluster C

Relative:
Lower

OCP:

Facility ID: 96-1193FR
Facility Status: **OPEN**
Date Open: Not reported
Date Closed: Not reported
Release: Not reported
Cleanup: Not reported
Facility Code: Well/GW Contamination - Motor/Lube Oil
Missing in Action: False

Actual:
287 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

C16 **FREDERICK TERMINAL INC.**
NNW **200 E. SOUTH STREET**
1/8-1/4 **FREDERICK, MD 21701**
1197 ft.

UST **U003734785**
 N/A

Site 6 of 8 in cluster C

Relative:
Lower

UST:

Actual:
287 ft.

Facility ID: 2482
Owner Id: 8919
Owner Name: Griffith Energy Services, Inc.
Owner Contact: Randy Wayne
Owner Address: 2510 Schuster Drive
Owner City,St,Zip: Cheverly, MD 20781
Owner Phone: (301) 322-3111
Operator: Not reported
Tank ID: 3
Authorized Representative: Randy Wayne
Title: Risk & Compliance Officer
Date: 1/14/1999
Date Installed: 1/1/1982
Substance Description: Diesel
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Galvanized Steel
Tank Status: Permanently Out of Use
Capacity: 1000

Facility ID: 2482
Owner Id: 8919
Owner Name: Griffith Energy Services, Inc.
Owner Contact: Randy Wayne
Owner Address: 2510 Schuster Drive
Owner City,St,Zip: Cheverly, MD 20781
Owner Phone: (301) 322-3111
Operator: Not reported
Tank ID: 4
Authorized Representative: Randy Wayne
Title: Risk & Compliance Officer
Date: 1/14/1999
Date Installed: 1/1/1982
Substance Description: Heating Oil
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Galvanized Steel
Tank Status: Permanently Out of Use
Capacity: 1000

Facility ID: 2482
Owner Id: 8919
Owner Name: Griffith Energy Services, Inc.
Owner Contact: Randy Wayne
Owner Address: 2510 Schuster Drive
Owner City,St,Zip: Cheverly, MD 20781
Owner Phone: (301) 322-3111
Operator: Not reported
Tank ID: 1
Authorized Representative: Randy Wayne
Title: Risk & Compliance Officer
Date: 1/14/1999
Date Installed: 1/1/1976
Substance Description: Gasoline

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FREDERICK TERMINAL INC. (Continued)

U003734785

Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Galvanized Steel
Tank Status: Permanently Out of Use
Capacity: 1000

Facility ID: 2482
Owner Id: 8919
Owner Name: Griffith Energy Services, Inc.
Owner Contact: Randy Wayne
Owner Address: 2510 Schuster Drive
Owner City,St,Zip: Cheverly, MD 20781
Owner Phone: (301) 322-3111
Operator: Not reported
Tank ID: 5
Authorized Representative: Randy Wayne
Title: Risk & Compliance Officer
Date: 1/14/1999
Date Installed: 1/1/1986
Substance Description: Used Oil
Tank Material: Cathodically Protected Steel
Pipe Material: Bare Steel
Tank Status: Currently In Use
Capacity: 1000

Facility ID: 2482
Owner Id: 8919
Owner Name: Griffith Energy Services, Inc.
Owner Contact: Randy Wayne
Owner Address: 2510 Schuster Drive
Owner City,St,Zip: Cheverly, MD 20781
Owner Phone: (301) 322-3111
Operator: Not reported
Tank ID: 2
Authorized Representative: Randy Wayne
Title: Risk & Compliance Officer
Date: 1/14/1999
Date Installed: 1/1/1982
Substance Description: Gasoline
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Galvanized Steel
Tank Status: Permanently Out of Use
Capacity: 1000

C17
NNW
1/8-1/4
1197 ft.

FREDERICK PETROLEUM CORP.
200 E SOUTH ST
FREDERICK, MD 21701

Historical UST **S104637912**
N/A

Relative:
Lower

Site 7 of 8 in cluster C

Actual:
287 ft.

Historical UST:
Facility ID: 6006076
Tank ID: 001
Age: 16
Capacity: 1,000
Tank Status: Removed
Product: Gasoline

Facility ID: 6006076

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FREDERICK PETROLEUM CORP. (Continued)

S104637912

Tank ID: 002
Age: 16
Capacity: 1,000
Tank Status: Removed
Product: Not reported

Facility ID: 6006076
Tank ID: 003
Age: 16
Capacity: 1,000
Tank Status: Removed
Product: Heating Oil

Facility ID: 6006076
Tank ID: 004
Age: 16
Capacity: 1,000
Tank Status: Removed
Product: Gasoline

Facility ID: 6006076
Tank ID: 001
Age: 16
Capacity: 1,000
Tank Status: Removed
Product: Gasoline

Facility ID: 6006076
Tank ID: 002
Age: 16
Capacity: 1,000
Tank Status: Removed
Product: Not reported

Facility ID: 6006076
Tank ID: 003
Age: 16
Capacity: 1,000
Tank Status: Removed
Product: Heating Oil

Facility ID: 6006076
Tank ID: 004
Age: 16
Capacity: 1,000
Tank Status: Removed
Product: Gasoline

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

C18
NNW
1/8-1/4
1197 ft.

MCCUTCHEON APPLE PRODUCTS, INC.
199 E. SOUTH STREET
FREDERICK, MD 21705

UST **U003836337**
N/A

Site 8 of 8 in cluster C

Relative:
Lower

UST:

Actual:
287 ft.

Facility ID: 13361
Owner Id: 8493
Owner Name: McCutcheon Apple Products, Inc.
Owner Contact: Michael McCutcheon
Owner Address: 13 S. Wisner Street
Owner City,St,Zip: Frederick, MD 21705
Owner Phone: (301) 662-3261
Operator: Not reported
Tank ID: 1
Authorized Representative: Not reported
Title: Not reported
Date: Not reported
Date Installed: 1/1/1960
Substance Description: Heating Oil
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Bare Steel
Tank Status: Permanently Out of Use
Capacity: 10000

D19
ENE
1/8-1/4
1272 ft.

GEISER DISTRIBUTING CO., INC.
706 W. SOUTH STREET
FREDERICK, MD 21701

UST **U004068499**
N/A

Site 1 of 3 in cluster D

Relative:
Lower

UST:

Actual:
278 ft.

Facility ID: 17071
Owner Id: 11432
Owner Name: Geiser Distributing Co., Inc.
Owner Contact: Tom Geiser
Owner Address: 106 E. South Street
Owner City,St,Zip: Frederick, MD 21701
Owner Phone: (301) 662-1885
Operator: Tom Geiser
Tank ID: 1
Authorized Representative: Tom Geiser
Title: President
Date: 2/21/1986
Date Installed: Not reported
Substance Description: Gasoline
Tank Material: Unknown
Pipe Material: Unknown
Tank Status: Permanently Out of Use
Capacity: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

D20
ENE
1/8-1/4
1272 ft.

GEISEY DIST. CO., INC.
706 E SOUTH ST
FREDERICK, MD 21701

Historical UST

S104631627
N/A

Relative:
Lower

Site 2 of 3 in cluster D

Historical UST:

Facility ID: 3006674
Tank ID: 001
Age: Not reported
Capacity: Not reported
Tank Status: Removed
Product: Gasoline

Actual:
278 ft.

Facility ID: 3006674
Tank ID: 001
Age: Not reported
Capacity: Not reported
Tank Status: Removed
Product: Gasoline

D21
ENE
1/8-1/4
1275 ft.

FABRICATIONS UNLIMITED
809 H SOUTH ST
FREDERICK, MD 21701

RCRA-SQG
FINDS
NY MANIFEST

1000358902
MDD982675407

Relative:
Lower

Site 3 of 3 in cluster D

RCRAInfo:

Owner: ROMSBURG GEFNE
(215) 555-1212
EPA ID: MDD982675407
Contact: ERIC_L OLSON
(301) 694-7886

Actual:
278 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

MD-RCRA (Maryland - Resource Conservation And Recovery Act Information System) houses state information relating to the Resource Conservation and Recovery Act (RCRA).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: NYC0253416

Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FABRICATIONS UNLIMITED (Continued)

1000358902

Trans1 State ID: 42790A047
Trans2 State ID: T615KPNJ
Generator Ship Date: 900510
Trans1 Recv Date: 900510
Trans2 Recv Date: 900517
TSD Site Recv Date: 900522
Part A Recv Date: 900625
Part B Recv Date: 900806
Generator EPA ID: MDD982675407
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: ILD051060408
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00054
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90
Facility Type: Generator
EPA ID: MDD982675407
Facility Name: FABRICATIONS UNLIMITED
Facility Address: 809 N E SOUTH STREET
Facility City: FREDERICK
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: FABRICATIONS UNLIMITED
Mailing Contact: Not reported
Mailing Address: 809 N E SOUTH STREET
Mailing City: FREDERICK
Mailing State: MD
Mailing Zip: 21701
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 301-694-7886

Document ID: NYC0285412
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 42790A047
Trans2 State ID: 335TKRNJ
Generator Ship Date: 900612
Trans1 Recv Date: 900612
Trans2 Recv Date: 900614
TSD Site Recv Date: 900619
Part A Recv Date: 900730
Part B Recv Date: 900806
Generator EPA ID: MDD982675407
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: ILD051060408
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

FABRICATIONS UNLIMITED (Continued)

1000358902

Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90
Facility Type:	Generator
EPA ID:	MDD982675407
Facility Name:	FABRICATIONS UNLIMITED
Facility Address:	809 N E SOUTH STREET
Facility City:	FREDERICK
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	FABRICATIONS UNLIMITED
Mailing Contact:	Not reported
Mailing Address:	809 N E SOUTH STREET
Mailing City:	FREDERICK
Mailing State:	MD
Mailing Zip:	21701
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	301-694-7886
Document ID:	NYC0354778
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900706
Trans1 Recv Date:	900706
Trans2 Recv Date:	900712
TSD Site Recv Date:	900717
Part A Recv Date:	900809
Part B Recv Date:	900802
Generator EPA ID:	MDD982675407
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	ILD051060408
TSDF ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90
Facility Type:	Generator
EPA ID:	MDD982675407
Facility Name:	FABRICATIONS UNLIMITED
Facility Address:	809 N E SOUTH STREET
Facility City:	FREDERICK
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	FABRICATIONS UNLIMITED
Mailing Contact:	Not reported
Mailing Address:	809 N E SOUTH STREET
Mailing City:	FREDERICK
Mailing State:	MD
Mailing Zip:	21701

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FABRICATIONS UNLIMITED (Continued)

1000358902

Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 301-694-7886

Document ID: NYC0457626
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900829
Trans1 Recv Date: 900829
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900918
Part A Recv Date: 900912
Part B Recv Date: 901002
Generator EPA ID: MDD982675407
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90
Facility Type: Generator
EPA ID: MDD982675407
Facility Name: FABRICATIONS UNLIMITED
Facility Address: 809 N E SOUTH STREET
Facility City: FREDERICK
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: FABRICATIONS UNLIMITED
Mailing Contact: Not reported
Mailing Address: 809 N E SOUTH STREET
Mailing City: FREDERICK
Mailing State: MD
Mailing Zip: 21701
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 301-694-7886

Document ID: NYC0400803
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 42790A047
Trans2 State ID: 50674JNJ
Generator Ship Date: 900802
Trans1 Recv Date: 900802
Trans2 Recv Date: 900811
TSD Site Recv Date: 900817
Part A Recv Date: 900914
Part B Recv Date: 900906
Generator EPA ID: MDD982675407
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: ILD051060408

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FABRICATIONS UNLIMITED (Continued)

1000358902

TSD ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90
Facility Type:	Generator
EPA ID:	MDD982675407
Facility Name:	FABRICATIONS UNLIMITED
Facility Address:	809 N E SOUTH STREET
Facility City:	FREDERICK
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	FABRICATIONS UNLIMITED
Mailing Contact:	Not reported
Mailing Address:	809 N E SOUTH STREET
Mailing City:	FREDERICK
Mailing State:	MD
Mailing Zip:	21701
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	301-694-7886
Document ID:	NYC0564502
Manifest Status:	Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID:	42790A047
Trans2 State ID:	Not reported
Generator Ship Date:	901025
Trans1 Recv Date:	901025
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	901106
Part A Recv Date:	901107
Part B Recv Date:	901129
Generator EPA ID:	MDD982675407
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSD ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90
Facility Type:	Generator
EPA ID:	MDD982675407
Facility Name:	FABRICATIONS UNLIMITED
Facility Address:	809 N E SOUTH STREET
Facility City:	FREDERICK
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FABRICATIONS UNLIMITED (Continued)

1000358902

Facility Name: FABRICATIONS UNLIMITED
Facility Address: 809 N E SOUTH STREET
Facility City: FREDERICK
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: FABRICATIONS UNLIMITED
Mailing Contact: Not reported
Mailing Address: 809 N E SOUTH STREET
Mailing City: FREDERICK
Mailing State: MD
Mailing Zip: 21701
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 301-694-7886

Document ID: NYC0827897
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 42791A099
Trans2 State ID: NJ594TUH
Generator Ship Date: 910319
Trans1 Recv Date: 910319
Trans2 Recv Date: 910328
TSD Site Recv Date: 910402
Part A Recv Date: 910403
Part B Recv Date: 910417
Generator EPA ID: MDD982675407
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: ILD051060408
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91
Facility Type: Generator
EPA ID: MDD982675407
Facility Name: FABRICATIONS UNLIMITED
Facility Address: 809 N E SOUTH STREET
Facility City: FREDERICK
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: FABRICATIONS UNLIMITED
Mailing Contact: Not reported
Mailing Address: 809 N E SOUTH STREET
Mailing City: FREDERICK
Mailing State: MD
Mailing Zip: 21701
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 301-694-7886

Document ID: NYC0772323

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

FABRICATIONS UNLIMITED (Continued)

1000358902

Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 42791A100
Trans2 State ID: NJ506TYJ
Generator Ship Date: 910220
Trans1 Recv Date: 910220
Trans2 Recv Date: 910228
TSD Site Recv Date: 910305
Part A Recv Date: 910305
Part B Recv Date: 910322
Generator EPA ID: MDD982675407
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: ILD051060408
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91
Facility Type: Generator
EPA ID: MDD982675407
Facility Name: FABRICATIONS UNLIMITED
Facility Address: 809 N E SOUTH STREET
Facility City: FREDERICK
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: FABRICATIONS UNLIMITED
Mailing Contact: Not reported
Mailing Address: 809 N E SOUTH STREET
Mailing City: FREDERICK
Mailing State: MD
Mailing Zip: 21701
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 301-694-7886

Document ID: NYC0887556
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 42791A099
Trans2 State ID: NJ564TUH
Generator Ship Date: 910412
Trans1 Recv Date: 910412
Trans2 Recv Date: 910418
TSD Site Recv Date: 910423
Part A Recv Date: 910515
Part B Recv Date: 910508
Generator EPA ID: MDD982675407
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: ILD051060408
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FABRICATIONS UNLIMITED (Continued)

1000358902

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91
Facility Type: Generator
EPA ID: MDD982675407
Facility Name: FABRICATIONS UNLIMITED
Facility Address: 809 N E SOUTH STREET
Facility City: FREDERICK
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: FABRICATIONS UNLIMITED
Mailing Contact: Not reported
Mailing Address: 809 N E SOUTH STREET
Mailing City: FREDERICK
Mailing State: MD
Mailing Zip: 21701
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 301-694-7886

Document ID: NYC0693821
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 42791A099
Trans2 State ID: NJ564TUH
Generator Ship Date: 910111
Trans1 Recv Date: 910111
Trans2 Recv Date: 910117
TSD Site Recv Date: 910122
Part A Recv Date: 910118
Part B Recv Date: 910208
Generator EPA ID: MDD982675407
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: ILD051060408
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91
Facility Type: Generator
EPA ID: MDD982675407
Facility Name: FABRICATIONS UNLIMITED
Facility Address: 809 N E SOUTH STREET
Facility City: FREDERICK
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: FABRICATIONS UNLIMITED
Mailing Contact: Not reported
Mailing Address: 809 N E SOUTH STREET
Mailing City: FREDERICK
Mailing State: MD

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

FABRICATIONS UNLIMITED (Continued)

1000358902

Mailing Zip: 21701
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 301-694-7886

Document ID: NYC1237206
Manifest Status: Completed copy
Trans1 State ID: DC7128853
Trans2 State ID: T913LYNJ
Generator Ship Date: 910927
Trans1 Recv Date: 910927
Trans2 Recv Date: 911002
TSD Site Recv Date: 911004
Part A Recv Date: 911015
Part B Recv Date: 911017
Generator EPA ID: MDD982675407
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: ILD051060408
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds

Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91
Facility Type: Generator
EPA ID: MDD982675407
Facility Name: FABRICATIONS UNLIMITED
Facility Address: 809 N E SOUTH STREET
Facility City: FREDERICK
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: FABRICATIONS UNLIMITED
Mailing Contact: Not reported
Mailing Address: 809 N E SOUTH STREET
Mailing City: FREDERICK
Mailing State: MD
Mailing Zip: 21701
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 301-694-7886

Document ID: NYC1063912
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 42791A100
Trans2 State ID: NJ564TUH
Generator Ship Date: 910702
Trans1 Recv Date: 910702
Trans2 Recv Date: 910711
TSD Site Recv Date: 910719
Part A Recv Date: 910724
Part B Recv Date: 910731
Generator EPA ID: MDD982675407
Trans1 EPA ID: ILD051060408

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FABRICATIONS UNLIMITED (Continued)

1000358902

Trans2 EPA ID: ILD051060408
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91
Facility Type: Generator
EPA ID: MDD982675407
Facility Name: FABRICATIONS UNLIMITED
Facility Address: 809 N E SOUTH STREET
Facility City: FREDERICK
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: FABRICATIONS UNLIMITED
Mailing Contact: Not reported
Mailing Address: 809 N E SOUTH STREET
Mailing City: FREDERICK
Mailing State: MD
Mailing Zip: 21701
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 301-694-7886

E22 GENE ROMSBURG CO.
East 809 E. SOUTH ST.
1/4-1/2 FREDERICK, MD 21701
1730 ft.

OCPCASES S104604206
N/A

Site 1 of 3 in cluster E

Relative:
Lower

OCP:

Actual:
281 ft.

Facility ID: 94-2585FR
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: Not reported
Cleanup: Not reported
Facility Code: Not reported
Missing in Action: False

E23 WOLFE BROTHERS
East 809 E. SOUTH STREET
1/4-1/2 FREDERICK, MD 21701
1730 ft.

FINDS 1004527893
OCPCASES 110001262446

Site 2 of 3 in cluster E

Relative:
Lower

FINDS:

Other Pertinent Environmental Activity Identified at Site

Actual:
281 ft.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

WOLFE BROTHERS (Continued)

1004527893

Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

MD-EPSC (Maryland - Environmental Permit Service Center) promotes multi-media pollution prevention and provides permit assistance to business and industries. An online permit guide is available and lists all permits, licenses and approvals that are issued by MDE.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

OCP:

Facility ID: 02-1337FR
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Aboveground Tank - Commercial Heating Oil
Missing in Action: False

E24
East
1/4-1/2
1730 ft.

FREDERICK CO. PRODUCTS INC.
809 E. SOUTH ST.
FREDERICK, MD 21701

OCPCASES S104603347
N/A

Site 3 of 3 in cluster E

Relative:
Lower

OCP:

Actual:
281 ft.

Facility ID: 94-1570FR
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: Not reported
Cleanup: Not reported
Facility Code: Not reported
Missing in Action: False

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

25
NE
1/4-1/2
1748 ft.

PIECE & PLENTY PROPERTY
55 HAMILTON AVENUE
FREDERICK, MD 21701

OCPCASES **S106464449**
N/A

Relative: OCP:
Lower Facility ID: 04-2064FR
Facility Status: **CLOSED**
Actual: Date Open: Not reported
276 ft. Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Soil Contamination - Motor/Lube Oil
Missing in Action: False

26
NW
1/4-1/2
1918 ft.

130 E. SOUTH STREET
FREDERICK, MD 21701

OCPCASES **S104609704**
N/A

Relative: OCP:
Higher Facility ID: 92-2810FR
Facility Status: **CLOSED**
Actual: Date Open: Not reported
302 ft. Date Closed: Not reported
Release: Not reported
Cleanup: Not reported
Facility Code: Not reported
Missing in Action: False

27
NNW
1/4-1/2
1982 ft.

FREDERICK PARCEL F
EAST ST / COMMERCE ST
FREDERICK, MD 21701

BROWNFIELDS **S106843525**
N/A

Relative: MD BROWNFIELD:
Lower ID: -
Factsheet URL: <http://www.mde.state.md.us/assets/document/brownfields/nofact.pdf>
Actual: Voluntary Cleanup Program: No
285 ft. On State Master List: No
Brownfield Assessment Complete: Yes
NPL: No
Federal Facility: No
Alias: -
Groundwater: -
Non Residential: -
Site ID Number: 1765
Unrestricted Use with GW Prohibition/Restriction: -
Unrestricted Property Use: -
Physical Maintenance Requirements: -
Soil Excavation/Notif Requirements: -
State Plane 1983 Meters Coordinate (North): 193758.63
State Plane 1983 Meters Coordinate (East): 364818.58000000002

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

28
ENE
1/4-1/2
2105 ft.

RICHARD D. RUDY TRANSPORTATION
FRANKLIN / BERNARD ST.
FREDERICK, MD 21701

OCPCASES S104596019
N/A

Relative:
Lower

OCP:

Facility ID: 99-1093FR
Facility Status: **CLOSED**
Date Open: Not reported
Date Closed: Not reported
Release: NO
Cleanup: NO
Facility Code: Tank Closure - Motor/Lube Oil
Missing in Action: False

Actual:
287 ft.

F29
NW
1/4-1/2
2111 ft.

CITY OF FREDERICK
111 E. SOUTH ST.
FREDERICK, MD 21703

OCPCASES S104617482
N/A

Relative:
Higher

Site 1 of 2 in cluster F

OCP:

Facility ID: 00-0362FR
Facility Status: **CLOSED**
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Aboveground Tank - Commercial Heating Oil
Missing in Action: False

Actual:
308 ft.

30
NW
1/4-1/2
2171 ft.

FREDERICK PARCEL F
EAST AND COMMERCE STREETS
FREDERICK, MD 21701

US BROWNFIELDS 1009310031
N/A

Relative:
Lower

US BROWNFIELDS:

Recipient Name: R3 TBA (Superfund Funded)
Project Name: R3 TBA (Superfund Funded)
Name: FREDERICK PARCEL F
Parcel #: Not reported
Parcel size: 0.50
Latitude: +39.411111
Longitude: -077.407222
HCM: Not reported
Map scale: Not reported
Point of reference: Not reported
Horiz. collect. method: Not reported
ACRES property ID: 10270
Start date: Not reported
Complete date: 12/01/2003
Accomplishment: Phase II Environmental Assessment
Ownership entity: Not reported

Actual:
294 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
F31	NW	1/4-1/2	2174 ft.		THE FREDERICK NON-PROFIT BUILDING SUPPLY 105 EAST SOUTH STREET FREDERICK, MD 21701 Site 2 of 2 in cluster F Relative: Higher Actual: 309 ft.	SWRCY	S105229224 N/A	
					MD SWRCY: Facility Tele: 3016622988 Product: Building materials Material Accepted: Surplus, Obsolete or Good Used Building Materials: Lumber, Roofing, Windows, Doors, Cabinets, Plumbing Fixtures, Tile, Etc. Facility Type: Wood Facility Tele: 3016622988 Product: Building materials Material Accepted: Surplus, Obsolete or Good Used Building Materials: Lumber, Roofing, Windows, Doors, Cabinets, Plumbing Fixtures, Tile, Etc. Facility Type: Salvage and Reuse			
32	NNE	1/4-1/2	2270 ft.		WAYSIDE RADIO SERVICE 423-A PATRICK ST FREDERICK, MD 21701 Relative: Lower Actual: 282 ft.	OCPCASES	S104598079 N/A	
					OCP: Facility ID: 96-0364FR Facility Status: CLOSED Date Open: Not reported Date Closed: Not reported Release: YES Cleanup: NO Facility Code: Tank Closure - Motor/Lube Oil Missing in Action: False			
33	WNW	1/4-1/2	2306 ft.		MARYLAND SCHOOL FOR THE DEAF 101 CLARKE PLACE FREDERICK, MD 21701 Relative: Higher Actual: 320 ft.	FINDS OCPCASES	1004522910 110001250912	
					FINDS: Other Pertinent Environmental Activity Identified at Site AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act. ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to			

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

MARYLAND SCHOOL FOR THE DEAF (Continued)

1004522910

replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

MD-EPSC (Maryland - Environmental Permit Service Center) promotes multi-media pollution prevention and provides permit assistance to business and industries. An online permit guide is available and lists all permits, licenses and approvals that are issued by MDE.

MD-PEMIS (Maryland - Permanent (Air) Emission) database houses data related to Air Emissions. Also known to the EPA as National Emissions Inventory (NEI).

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

OCP:

Facility ID: 97-1525FR
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Tank Closure - Motor/Lube Oil
Missing in Action: False

Facility ID: 02-0980FR
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: NO
Cleanup: NO
Facility Code: B-9
Missing in Action: False

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FREDERICK	A100151439	FARMERS COOPERATIVE PETROLEUM DISTRIBUTIBUTIC FACILIV	SOUTH & WISNER STREETS	21701	AST
FREDERICK	S104631499	FREDERICK IRON & STEEL, INC.	EAST / SEVENTH STS.	21701	Historical UST
FREDERICK	S104631678	DRONEBURG, G. ROGER	ROUTE 10, GASHOUSE PIKE	21701	Historical UST
FREDERICK	S106843499	FREDERICK PARCEL G	5 / 11 COMMERCE ST, 101 & 103 E. SOUTH S	21701	BROWNFIELDS
FREDERICK	S1007824363	EXXON - RTE. 15, FREDERICK	ROUTE 15	21701	FINDS
FREDERICK	S107544434	ROSE HILL CLEANERS	ROUTE 15 / MOTTER AVENUE	21701	DRYCLEANERS
FREDERICK	S1007823358	FREDERICK ARMORY	ROUTE 170 & MONACACY RIVER	21701	FINDS
FREDERICK	S104638023	EXXON #21639	ROUTE 26 / MONACACY DR.	21701	Historical UST
FREDERICK	S1004719366	TEXACO SERVICE STATION	1270 & RTE 85	21701	RCRA-SQG, FINDS
FREDERICK	S104637946	FREDERICK AUTOMOTIVE	5824 ROUTE 355	21701	Historical UST
FREDERICK	S104598729	SATURN OF FREDERICK	RT 355	21701	OPPCASES
FREDERICK	S100188132	FREDERICK COUNTY SANITARY DISPOSAL INC	ROUTE 355 EVERGREEN POINT	21701	RCRA-SQG, FINDS
FREDERICK	S1004719634	UNITED CONCRETE PRODUCTS	RT 355 & GROVE RD	21701	RCRA-SQG
FREDERICK	S1004527792	NU-LOOK CLEANERS	ROUTE 40 AND MCCAIN DR	21701	RCRA-SQG, FINDS
FREDERICK	S1004719720	MONTGOMERY WARD AUTO EXPRESS	RT 40 & ELMWOOD LA	21701	RCRA-SQG, FINDS
FREDERICK	S104631561	FIRESTONE STORE #17F5	RT. 40 / ELMWOOD DRIVE	21701	Historical UST
FREDERICK	S107544438	NU-LOOK CLEANERS - ROUTE 40	1 ROUTE 40 / MCCAIN DRIVE	21701	DRYCLEANERS
FREDERICK	S1003965067	FIRESTONE STORE #17F5	ROUTE 40 AND ELMWOOD DRIVE FREDERICKTOWN MALL	21701	UST
FREDERICK	S1009223805	H & H MILLWORK INCORPORATED	HIGHWAY 42791A0991	21701	NY MANIFEST
FREDERICK	S105709034	FREDERICK CO. PARKS & RECREATION	E. 5TH STREET	21701	OPPCASES
FREDERICK	S104637878	FREDERICK MEMORIAL HOSPITAL	W. 7TH STREET	21701	Historical UST
FREDERICK	S105584349	FREDERICK CO. WATER & SEWAGE	RT 85 / SHOCKLEY DRIVE	21701	OPPCASES
FREDERICK	S104631534	CHEVRON U.S.A. INC.	ROUTE 85 / I-270	21701	Historical UST
FREDERICK	S1003865701	FREDERICK AIRPORT-VOR SITE	BAILES LANE	21701	UST
FREDERICK	S104638032	FREDERICK AIRPORT	BAILES LANE	21701	Historical UST
FREDERICK	S1007824419	FREDERICK RECREATION CENTER	BENTZ STREET, NORTH & 2ND STREET, WES	21701	FINDS
FREDERICK	S104848598	FREDERICK HGTS APARTMENT	BLDG 1072	21701	OPPCASES
FREDERICK	S104611433	FREDERICK HEIGHTS APTS	BLDG 1084 / 1076 HILLCREST DRIVE	21701	OPPCASES
FREDERICK	S106953611	SITE D - FORMER B&O TERMINAL	BOUND BY CARROLL CREEK AND EAST, SOUTH C	21701	VCP
FREDERICK	S1008383311	FREDERICK IRON & STEEL INC	PO BOX 111	21701	FINDS
FREDERICK	S1009416015	FREDERICK ASPHALT CO LC	4120 BUCKEYETOWN PIKE SECTION B	21701	FINDS
FREDERICK	S1009416015	4120 BUCKEYETOWN PIKE NEAR FREDERICK MD. 4 MILES SOUTH	4120 BUCKEYETOWN PIKE NEAR FREDERICK MD. 4 MILES SOUTH	21701	ERNS
FREDERICK	S104605975	FREDERICK HEIGHTS APTS	1080 CARLTON PLACE / HILLCREST RD	21701	OPPCASES
FREDERICK	S104849314	FREDERICK HIGH SCHOOL	650 CARROLL PRKWY	21701	OPPCASES
FREDERICK	S104631528	FREDERICK COUNTY COMMISSIONERS	E. CHURCH STREET EXTENSION	21701	Historical UST
FREDERICK	S108250763	FREDERICK PARCEL D	COMMERCE / EAST STREETS	21701	BROWNFIELDS
FREDERICK	S101517415	NCI FREDERICK CANCER RESEARCH	FT DETRICK	21701	SHWS
FREDERICK	S104228750	USA FORT DETRICK	FT DETRICK	21701	SHWS
FREDERICK	S1009223725	WERRES CORPORATION	807 A E SOUTH STREET	21701	NY MANIFEST
FREDERICK	S1009411131	FREDERICK CANCER RESEARCH CENTER	FORT DETRICK	21701	FINDS
FREDERICK	S1009411131	FREDERICK I-70 TRUCK STOP AT INTERSECTION OF I-70 AND ST	FREDERICK I-70 TRUCK STOP AT INTERSECTION OF I-70 AND ST	21701	ERNS
FREDERICK	S1009411131	OF I-70 AND ST RT	RT		

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FREDERICK	U003790671	FREDERICK VORTAL (FDK)	FREDERICK MUNICIPAL AIRPORT	21701	UST
FREDERICK	1000387942	LAFARGE MID ATLANTIC FREDERICK	FREDERICK QUARRY SOUTH ST	21701	RCRA-SQG, FINDS
FREDERICK	S104629042	GAMBRILL STATE PARK	8602 GAMBRILL STATE PARK ROAD	21701	Historical UST
FREDERICK	U003888212	RELAY STATION	GAMBRILL STATE PARK ROAD	21701	UST
FREDERICK	S104638015	FREDERICK WWTP	GAS HOUSE PIKE	21701	Historical UST
FREDERICK	S104606584	FREDERICK HEIGHTS APTS- BLDG 1092	1092 GREENWALD RD	21701	OCPCASES
FREDERICK	S104600004	FREDERICK CO SCHOOL BUS GARAGE	7446 HAYWARD RD-BLDG 3	21701	OCPCASES
FREDERICK	S104611244	FREDERICK DISTRIBUTORS CO.	HIGHLAND ST	21701	OCPCASES
FREDERICK	1004528060	TEXACO SERVICE STATION	US HWY 40 W WILLOWDALE DR	21701	RCRA-SQG, FINDS
FREDERICK	1009411400	FREDERICK PAINTING AND SUPPLY	7104 D KEHNE RD	21701	FINDS
FREDERICK	1004529346	FREDERICK PAINTING AND SUPPLY	7104 D KEHNE RD	21701	FINDS
FREDERICK	1007824296	MCCORMICK PAINT WORKS	LOT 10A MCKINNEY CIRCLE & RT 85	21701	FINDS
FREDERICK	1007824313	FREDERICK CO. ADULT DETENTION CNTR.	7300 MARCIE S CHOICE LANE	21701	FINDS
FREDERICK	S104606087	FREDERICK COUNTY DETENTION CENTER	3700 MARCIES CHOICE LANE	21701	OCPCASES
FREDERICK	U004068466	FREDERICK COUNTY DETENTION CENTER	3700 MARCIES CHOICE LANE	21701	OCPCASES
FREDERICK	S104608185	FREDERICK BANK & TRUST	30 W. MARKET STREET	21701	OCPCASES
FREDERICK	S107544436	EDDIE'S CLEANERS - 500 SOUTH MARKET	500 MARKET STREET, SOUTH	21701	OCPCASES
FREDERICK	S104616149	FREDERICK CO. ROADS DEPT	MONTEVUE LAND	21701	OCPCASES
FREDERICK	S104610833	FREDERICK MAINTENANCE	MONTEVUE LANE	21701	UST
FREDERICK	S104631679	FREDERICK AVIATION, INC.	MUNICIPAL AIRPORT	21701	OCPCASES
FREDERICK	S104610404	FREDERICK BUSINESS PROPERTY	OFF 9TH STREET	21701	OCPCASES
FREDERICK	S104601960	HI-GEAR AUTO CENTER/FREDERICK SHOPPER'S	OFF RT. 40	21701	OCPCASES
FREDERICK	S106862733	FREDERICK ARMORY	8501 OLD NATIONAL PIKE	21701	OCPCASES
FREDERICK	1007823457	FREDERICK COMMUNITY COLLEGE	7932 OPPOSSUMTOWN PIKE	21701	FINDS
FREDERICK	U004068473	CITY OF FREDERICK	423C EAST PATRICK STREET	21701	UST
FREDERICK	S106463731	FREDERICK AUTO BODY	1161 W. PATRICK STREET	21701	OCPCASES
FREDERICK	S104612900	FREDERICK NEWS POST	210 PATRICK STREET	21701	OCPCASES
FREDERICK	1009411387	FREDERICK AUTO BODY	1160 W PATRICK ST	21701	FINDS
FREDERICK	S104608936	FREDERICK HEIGHTS APTS.	REDFIELD COURT	21701	OCPCASES
FREDERICK	S104614435	FREDERICK CO. DP REICHS FORD LANDFILL	REICHS FORD RD	21701	OCPCASES
FREDERICK	S104610134	FREDERICK CO. LANDFILL	REICHSFORD RD	21701	OCPCASES
FREDERICK	1000483695	FORT DETRICK	ROSEMONT AVENUE	21701	OCPCASES
FREDERICK	S104637888	CERESVILLE PUMPING STATION	MD ROUTE 26	21701	OCPCASES
FREDERICK	1000377065	CHESAPEAKE & POTOMAC TELEPHONE CO	SOUTH SIDE- LAMBS KNOLL	21701	OCPCASES
FREDERICK	1005437043	SOUTHERN STATES FREDERICK COOP., INC.	EAST SOUTH STREET	21701	Historical UST
FREDERICK	1004520166	SOUTHERN STATES FREDERICK COOPERATIVE INCORPORATED	EAST SOUTH STREET	21701	RCRA-SQG, FINDS
FREDERICK	S104631608	SOUTHERN STATES FRED. CORP, INC.	E. SOUTH STREET	21701	SSTS
FREDERICK	S105121322	FREDERICK COFFEE CO	100 EAST ST	21701	FINDS, UST
FREDERICK	S104631576	FREDERICK QUARRY	SOUTH ST EXTENDED.	21701	Historical UST
FREDERICK	1009396451	LAFARGE MID-ATLANTIC INC FREDERICK RMX	1000 S ST	21701	TRIS
FREDERICK	1008382186	LAFARGE MID-ATLANTIC INC FREDERICK RMX	1000 S ST	21701	FINDS
FREDERICK	S104631575	FREDERICK PAVING CONSTRUCTION	SOUTH ST. EXTENDED	21701	Historical UST
FREDERICK	S104631498	GENSTAR STONE PRODUCTS COMPANY	SOUTH ST.	21701	Historical UST
FREDERICK	U004068537	FREDERICK QUARRY	SOUTH STREET EXTENDED	21701	UST
FREDERICK	1005891523	GAS MART OF FREDERICK	7729 SUNDAY LANE	21701	FINDS
FREDERICK	S108390059	FREDERICK CITY WWTP	100 TREATMENT PLANT ROAD	21701	NPDES

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FREDERICK	S104600738	SATURN OF FREDERICK	5903 UBRANA PIKE	21701	OCPCASES
FREDERICK	S104849767	FREDERICK	WATER / EAST STREET	21701	OCPCASES
FREDERICK COUNTY	S106916987	FORT DETRICK INCINERATOR COMPLEX	AREA A - EAST OFF BEASLEY DRIVE.		SWF/LF
PRINCE FREDERICK	S104594052	PRINCE FREDERICK POST OFFICE	DUKE ST.	21701	OCPCASES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 02/23/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/28/2006
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 12/19/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 41

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 03/21/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/20/2006
Date Data Arrived at EDR: 01/29/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 29

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 01/04/2007
Date Data Arrived at EDR: 01/18/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 40

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 56

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/27/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 01/24/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 47

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/24/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 01/17/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/17/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 63

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/29/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/12/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 08/23/2006
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 35

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 02/06/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/10/2007
Date Data Arrived at EDR: 01/24/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 34

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/27/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 03/20/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 03/20/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 02/26/2007	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-566-1667
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 03/19/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 02/26/2007	Source: EPA
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-566-1667
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 03/19/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/29/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/06/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/02/2007	Telephone: 202-564-5088
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 01/15/2007
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 03/26/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 202-343-9775
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 03/19/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 01/08/2007
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 3

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/29/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 43

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 03/02/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/26/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 32

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/15/2006
Date Data Arrived at EDR: 12/28/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/28/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2007
Date Data Arrived at EDR: 01/23/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/06/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Notice of Potential Hazardous Waste Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 09/26/2006
Date Made Active in Reports: 10/26/2006
Number of Days to Update: 30

Source: Department of the Environment
Telephone: 410-537-3000
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Semi-Annually

SWF/LF: Permitted Solid Waste Disposal Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/16/2007
Date Data Arrived at EDR: 01/17/2007
Date Made Active in Reports: 01/31/2007
Number of Days to Update: 14

Source: Department of the Environment
Telephone: 410-537-3375
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Annually

SWRCY: Recycling Directory

A listing of recycling facilities.

Date of Government Version: 01/18/2007
Date Data Arrived at EDR: 02/15/2007
Date Made Active in Reports: 03/29/2007
Number of Days to Update: 42

Source: Department of the Environment
Telephone: 410-631-3314
Last EDR Contact: 01/18/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Varies

OCPCASES: Oil Control Program Cases

Cases monitored by the Oil Control Program. these cases can be leaking underground storage tanks and other belowground releases, leaking aboveground storage tanks, spills and inspections.

Date of Government Version: 01/16/2007
Date Data Arrived at EDR: 01/17/2007
Date Made Active in Reports: 01/31/2007
Number of Days to Update: 14

Source: Department of Environment
Telephone: 410-537-3433
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Semi-Annually

HIST LUST: Recovery Sites

In 1999, the Department of the Environment stopped adding new sites to its Recovery Sites Database. Current leaking underground storage tank information maybe found in the OCPCASES database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/1999
Date Data Arrived at EDR: 03/22/1999
Date Made Active in Reports: 04/16/1999
Number of Days to Update: 25

Source: Department of the Environment
Telephone: 410-537-3433
Last EDR Contact: 02/19/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST: Registered Underground Storage Tank List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/22/2007
Date Data Arrived at EDR: 02/22/2007
Date Made Active in Reports: 03/23/2007
Number of Days to Update: 29

Source: Department of the Environment
Telephone: 410-537-3433
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Varies

Historical UST: Historical UST Registered Database

In 1997 the Department of the Environment sent out registration forms to all the owners listed in the UST database. Once they got the registration forms back they entered the information into a new UST database we call this database HIST UST. Because not all owners returned their forms, we kept the old UST database and labeled it HIST UST so that we would not be missing any past UST records. This listing is no longer updated or maintained by the agency. It is current through November 1996.

Date of Government Version: 11/21/1996
Date Data Arrived at EDR: 09/10/1997
Date Made Active in Reports: 10/22/1997
Number of Days to Update: 42

Source: Department of Environment
Telephone: 410-537-3433
Last EDR Contact: 05/15/2000
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AST: Permitted Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 12/21/2006
Number of Days to Update: 41

Source: Department of The Environment
Telephone: 410-537-3000
Last EDR Contact: 02/05/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Quarterly

INST CONTROL: Voluntary Cleanup Program Applicants/Participants

Sites included in the Voluntary Cleanup Program Applicants/Participants listing that have Deed Restrictions.

Date of Government Version: 12/20/2006
Date Data Arrived at EDR: 01/29/2007
Date Made Active in Reports: 01/31/2007
Number of Days to Update: 2

Source: Department of the Environment
Telephone: 410-537-3493
Last EDR Contact: 01/10/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Applicants/Participants

The Voluntary Cleanup Program, administrated by the Dept. of the Environment, streamlines the environmental cleanup process for sites, usually industrial or commercial properties, that are contaminated, or perceived to be contaminated, by hazardous substances. Developers and lenders are provided with certain limitations on liability and participants in the program are provided certainty in the process by knowing exactly what will be required.

Date of Government Version: 12/20/2006
Date Data Arrived at EDR: 01/29/2007
Date Made Active in Reports: 01/31/2007
Number of Days to Update: 2

Source: Dept. of the Environment
Telephone: 410-537-3000
Last EDR Contact: 01/10/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Registered Drycleaning Facilities

A listing of registered drycleaning facilities.

Date of Government Version: 01/19/2007
Date Data Arrived at EDR: 02/15/2007
Date Made Active in Reports: 03/29/2007
Number of Days to Update: 42

Source: Department of the Environmental
Telephone: 410-537-3220
Last EDR Contact: 02/05/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Varies

BROWNFIELDS: Eligible Brownfields Properties

The Site Assessment Section of the State Superfund Division is responsible for conducting federally funded assessments of eligible brownfields properties. These assessments are undertaken to determine whether there are environmental cleanup requirements at these sites.

Date of Government Version: 01/08/2007
Date Data Arrived at EDR: 01/08/2007
Date Made Active in Reports: 01/31/2007
Number of Days to Update: 23

Source: Department of Environment
Telephone: 410-537-3000
Last EDR Contact: 04/05/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

NPDES: Wastewater Permit Listing

A listing of wastewater permit locations.

Date of Government Version: 03/06/2007
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 03/29/2007
Number of Days to Update: 23

Source: Department of the Environment
Telephone: 410-537-3507
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Varies

AIRS: Permit and Facility Information Listing

A listing of permitted facilities and emissions information.

Date of Government Version: 03/16/2007
Date Data Arrived at EDR: 03/19/2007
Date Made Active in Reports: 03/29/2007
Number of Days to Update: 10

Source: Department of the Environment
Telephone: 410-537-3220
Last EDR Contact: 02/05/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Varies

LEAD: Lead Inspection Database

The Childhood Lead Poisoning Prevention Program data of lead inspection for the state.

Date of Government Version: 01/02/2007
Date Data Arrived at EDR: 01/03/2007
Date Made Active in Reports: 01/31/2007
Number of Days to Update: 28

Source: Department of Environment, Lead Poisoning Prevention Program
Telephone: 410-537-3000
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/08/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2006	Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 02/19/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/19/2007	Source: EPA Region 8
Date Data Arrived at EDR: 02/27/2007	Telephone: 303-312-6271
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 03/01/2007	Source: EPA Region 10
Date Data Arrived at EDR: 03/01/2007	Telephone: 206-553-2857
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/21/2007
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3372
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 02/19/2007	Source: EPA Region 8
Date Data Arrived at EDR: 02/27/2007	Telephone: 303-312-6137
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 02/19/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2007	Source: EPA Region 10
Date Data Arrived at EDR: 03/01/2007	Telephone: 206-553-2857
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 01/11/2007	Source: EPA Region 6
Date Data Arrived at EDR: 01/12/2007	Telephone: 214-665-7591
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 12/19/2006	Source: EPA Region 9
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3368
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004

Date Data Arrived at EDR: 02/17/2006

Date Made Active in Reports: 04/07/2006

Number of Days to Update: 49

Source: Department of Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 03/16/2007

Next Scheduled EDR Contact: 06/11/2007

Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 01/01/2007

Date Data Arrived at EDR: 01/04/2007

Date Made Active in Reports: 02/13/2007

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/05/2007

Next Scheduled EDR Contact: 07/02/2007

Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/26/2006

Date Data Arrived at EDR: 11/29/2006

Date Made Active in Reports: 01/05/2007

Number of Days to Update: 37

Source: Department of Environmental Conservation

Telephone: 518-402-8651

Last EDR Contact: 03/02/2007

Next Scheduled EDR Contact: 05/28/2007

Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 03/17/2006

Date Made Active in Reports: 06/06/2006

Number of Days to Update: 81

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 03/12/2007

Next Scheduled EDR Contact: 06/11/2007

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 04/11/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/18/2006
Number of Days to Update: 48

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Providers

Source: Department of Human Resources
Telephone: 410-767-7805

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FREDERICK BRICK WORKS
184 EAST SOUTH STREET
FREDERICK, MD 21701

TARGET PROPERTY COORDINATES

Latitude (North):	39.40660 - 39° 24' 23.8"
Longitude (West):	77.4022 - 77° 24' 7.9"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	293167.8
UTM Y (Meters):	4364443.5
Elevation:	299 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	39077-D4 FREDERICK, MD
Most Recent Revision:	1993

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

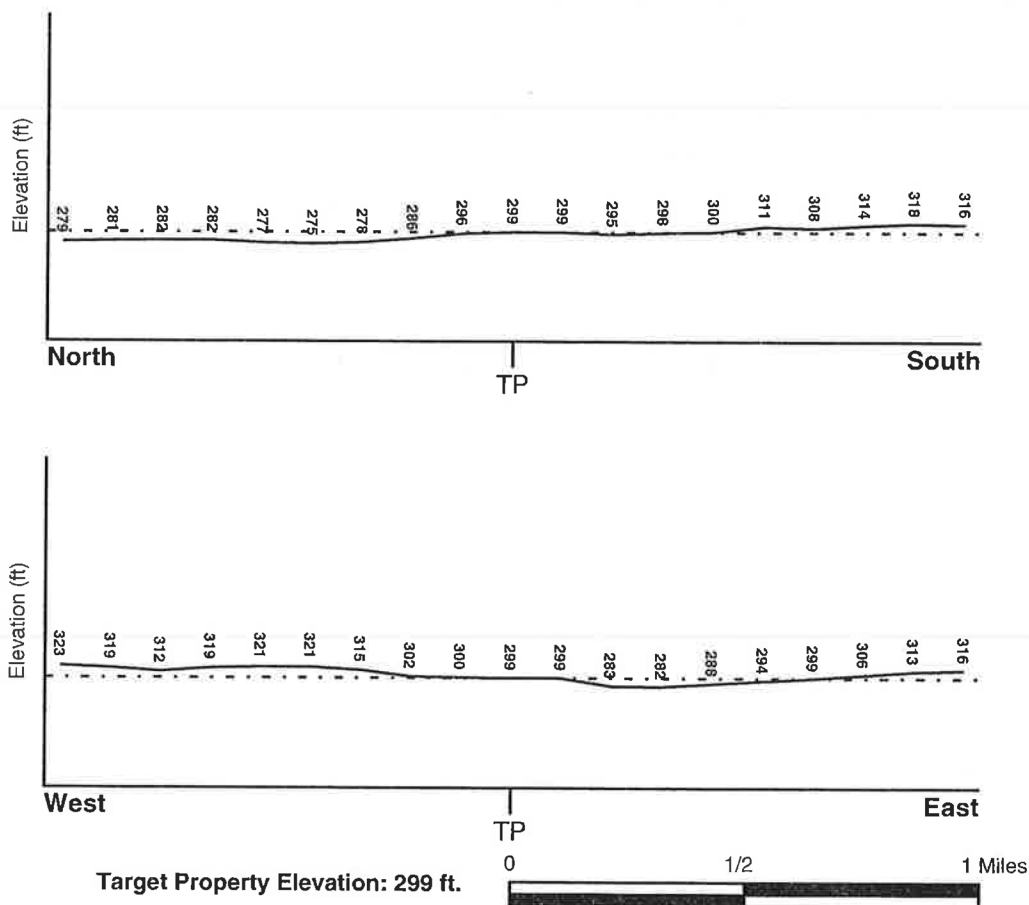
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
FREDERICK, MD

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 2400300006B

Additional Panels in search area: 2400300004C
2400300003C
2400270180A
2400300005B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
FREDERICK

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	C (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	HAGERSTOWN
Soil Surface Texture:	silt loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 80 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 6.00 Min: 0.60	Max: 6.50 Min: 4.50
2	8 inches	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 7.30 Min: 4.50
3	20 inches	72 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.10

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subinvariant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay loam

Surficial Soil Types: silty clay loam

Shallow Soil Types: silt loam

Deeper Soil Types: channery - silt loam
stratified
loam
unweathered bedrock

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
23	USGS2219411	1/4 - 1/2 Mile NNW
F32	USGS2219437	1/4 - 1/2 Mile North
F33	USGS2219436	1/4 - 1/2 Mile North
H37	USGS2219445	1/4 - 1/2 Mile North
H50	USGS2219451	1/4 - 1/2 Mile NNE
J51	USGS2219279	1/4 - 1/2 Mile NNW
J52	USGS2219285	1/4 - 1/2 Mile North
J53	USGS2219301	1/2 - 1 Mile NNW
P92	USGS2219539	1/2 - 1 Mile ESE
P93	USGS2219540	1/2 - 1 Mile ESE
94	USGS2219503	1/2 - 1 Mile SSW
110	USGS2219477	1/2 - 1 Mile SSW
T121	USGS2219485	1/2 - 1 Mile SSW
T122	USGS2219486	1/2 - 1 Mile SSW
125	USGS2219470	1/2 - 1 Mile SSW
T126	USGS2219473	1/2 - 1 Mile SSW
U128	USGS2219491	1/2 - 1 Mile SE
U129	USGS2219492	1/2 - 1 Mile SE
U130	USGS2219493	1/2 - 1 Mile SE
131	USGS2219294	1/2 - 1 Mile NW
W135	USGS2219635	1/2 - 1 Mile SSW
W136	USGS2219639	1/2 - 1 Mile SSW
X137	USGS2219495	1/2 - 1 Mile SE
W146	USGS2219633	1/2 - 1 Mile SSW
AA147	USGS2219619	1/2 - 1 Mile South
AA148	USGS2219620	1/2 - 1 Mile South
AB149	USGS2219512	1/2 - 1 Mile WSW
W150	USGS2219630	1/2 - 1 Mile SSW
W151	USGS2219628	1/2 - 1 Mile SSW
W152	USGS2219627	1/2 - 1 Mile SSW
W153	USGS2219629	1/2 - 1 Mile SSW
AA174	USGS2219610	1/2 - 1 Mile South
AB175	USGS2219506	1/2 - 1 Mile WSW
AB176	USGS2219507	1/2 - 1 Mile WSW
AD183	USGS2219611	1/2 - 1 Mile SSW
AD184	USGS2219612	1/2 - 1 Mile SSW
AD185	USGS2219613	1/2 - 1 Mile SSW
186	USGS2219211	1/2 - 1 Mile NNE
AE187	USGS2219601	1/2 - 1 Mile South
AD188	USGS2219607	1/2 - 1 Mile SSW
AD189	USGS2219606	1/2 - 1 Mile SSW
AE193	USGS2219597	1/2 - 1 Mile South
194	USGS2219481	1/2 - 1 Mile SE
195	USGS2219598	1/2 - 1 Mile South

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
R101	MD1101048	1/2 - 1 Mile NW

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	MD1000000430006	0 - 1/8 Mile SW
A2	MD1000000430648	0 - 1/8 Mile SW
B3	MD1000000430649	1/8 - 1/4 Mile ESE
B4	MD1000000430632	1/8 - 1/4 Mile ESE
B5	MD1000000362406	1/8 - 1/4 Mile ESE
B6	MD1000000348968	1/8 - 1/4 Mile ESE
B7	MD1000000348969	1/8 - 1/4 Mile ESE
C8	MD1000000396764	1/8 - 1/4 Mile NNW
C9	MD1000000396766	1/8 - 1/4 Mile NNW
C10	MD1000000430005	1/8 - 1/4 Mile NNW
C11	MD1000000490401	1/8 - 1/4 Mile NNW
C12	MD1000000430004	1/8 - 1/4 Mile NNW
C13	MD1000000348966	1/8 - 1/4 Mile NNW
C14	MD1000000348965	1/8 - 1/4 Mile NNW
C15	MD1000000362402	1/8 - 1/4 Mile NNW
C16	MD1000000396767	1/8 - 1/4 Mile NNW
C17	MD1000000396765	1/8 - 1/4 Mile NNW
D18	MD1000000178924	1/8 - 1/4 Mile NE
D19	MD1000000178925	1/8 - 1/4 Mile NE
D20	MD1000000178930	1/8 - 1/4 Mile NE
D21	MD1000000178931	1/8 - 1/4 Mile NE
22	MD1000000430783	1/4 - 1/2 Mile SSE
E24	MD1000000345888	1/4 - 1/2 Mile SW
E25	MD1000000430800	1/4 - 1/2 Mile SW
E26	MD1000000345894	1/4 - 1/2 Mile SW
E27	MD1000000345895	1/4 - 1/2 Mile SW
E28	MD1000000345736	1/4 - 1/2 Mile SW
F29	MD1000000178927	1/4 - 1/2 Mile North
F30	MD1000000178928	1/4 - 1/2 Mile North
F31	MD1000000178929	1/4 - 1/2 Mile North
G34	MD1000000458385	1/4 - 1/2 Mile NNE
G35	MD1000000458384	1/4 - 1/2 Mile NNE
G36	MD1000000458383	1/4 - 1/2 Mile NNE
I38	MD1000000458382	1/4 - 1/2 Mile NW
I39	MD1000000458381	1/4 - 1/2 Mile NW
I40	MD1000000348347	1/4 - 1/2 Mile NW
I41	MD1000000470083	1/4 - 1/2 Mile NW
I42	MD1000000470084	1/4 - 1/2 Mile NW
I43	MD1000000470085	1/4 - 1/2 Mile NW
I44	MD1000000345761	1/4 - 1/2 Mile NW
I45	MD1000000348346	1/4 - 1/2 Mile NW
I46	MD1000000348345	1/4 - 1/2 Mile NW
I47	MD1000000348343	1/4 - 1/2 Mile NW
I48	MD1000000348344	1/4 - 1/2 Mile NW
I49	MD1000000348342	1/4 - 1/2 Mile NW
54	MD1000000430638	1/2 - 1 Mile SE
K55	MD1000000346892	1/2 - 1 Mile North
K56	MD1000000346897	1/2 - 1 Mile North
K57	MD1000000086484	1/2 - 1 Mile North
K58	MD1000000220319	1/2 - 1 Mile North
K59	MD1000000346893	1/2 - 1 Mile North
K60	MD1000000346898	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

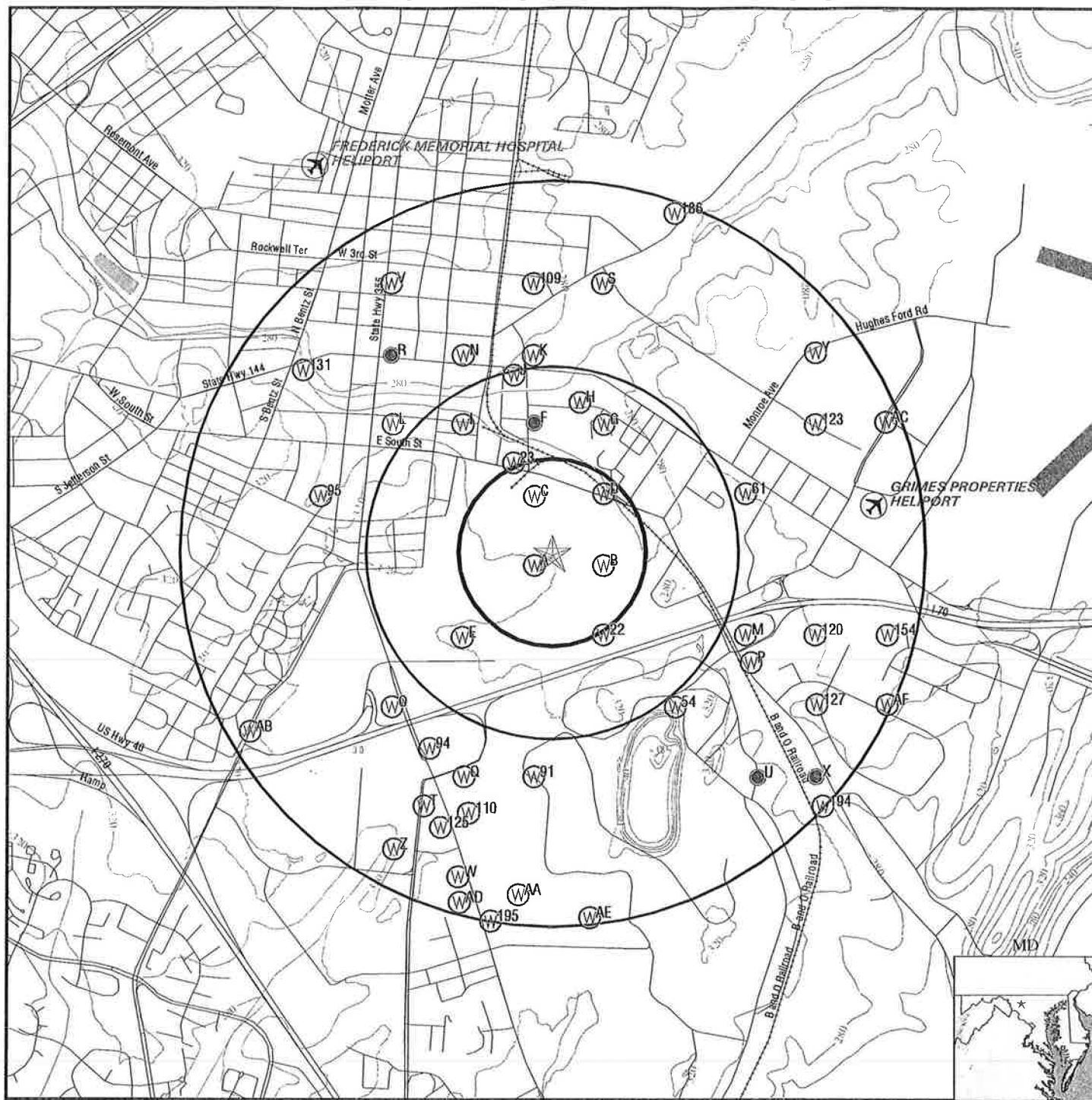
MAP ID	WELL ID	LOCATION FROM TP
61	MD1000000178926	1/2 - 1 Mile ENE
L62	MD1000000039139	1/2 - 1 Mile NW
L63	MD1000000039756	1/2 - 1 Mile NW
L64	MD1000000039883	1/2 - 1 Mile NW
L65	MD1000000039425	1/2 - 1 Mile NW
L66	MD1000000039134	1/2 - 1 Mile NW
L67	MD1000000039175	1/2 - 1 Mile NW
M68	MD1000000396296	1/2 - 1 Mile ESE
M69	MD1000000396295	1/2 - 1 Mile ESE
M70	MD1000000430705	1/2 - 1 Mile ESE
M71	MD1000000396297	1/2 - 1 Mile ESE
M72	MD1000000348967	1/2 - 1 Mile ESE
M73	MD1000000348970	1/2 - 1 Mile ESE
M74	MD1000000396298	1/2 - 1 Mile ESE
M75	MD1000000362407	1/2 - 1 Mile ESE
N76	MD1000000184532	1/2 - 1 Mile NNW
N77	MD1000000184531	1/2 - 1 Mile NNW
N78	MD1000000184534	1/2 - 1 Mile NNW
N79	MD1000000184170	1/2 - 1 Mile NNW
N80	MD1000000184169	1/2 - 1 Mile NNW
N81	MD1000000184168	1/2 - 1 Mile NNW
N82	MD1000000184249	1/2 - 1 Mile NNW
N83	MD1000000184171	1/2 - 1 Mile NNW
N84	MD1000000184248	1/2 - 1 Mile NNW
N85	MD1000000184533	1/2 - 1 Mile NNW
N86	MD1000000184535	1/2 - 1 Mile NNW
N87	MD1000000184250	1/2 - 1 Mile NNW
O88	MD1000000180597	1/2 - 1 Mile SW
O89	MD1000000180596	1/2 - 1 Mile SW
O90	MD1000000180598	1/2 - 1 Mile SW
91	MD1000000346896	1/2 - 1 Mile South
95	MD1000000481891	1/2 - 1 Mile WNW
Q96	MD1000000169016	1/2 - 1 Mile SSW
Q97	MD1000000175608	1/2 - 1 Mile SSW
Q98	MD1000000170868	1/2 - 1 Mile SSW
Q99	MD1000000478932	1/2 - 1 Mile SSW
Q100	MD1000000169015	1/2 - 1 Mile SSW
R102	MD1000000183143	1/2 - 1 Mile NW
R103	MD1000000183144	1/2 - 1 Mile NW
R104	MD1000000183145	1/2 - 1 Mile NW
R105	MD1000000183146	1/2 - 1 Mile NW
R106	MD1000000348174	1/2 - 1 Mile NW
R107	MD1000000348173	1/2 - 1 Mile NW
R108	MD1000000183147	1/2 - 1 Mile NW
109	MD1000000184262	1/2 - 1 Mile North
S111	MD1000000181687	1/2 - 1 Mile North
S112	MD1000000181686	1/2 - 1 Mile North
S113	MD1000000183970	1/2 - 1 Mile North
S114	MD1000000183969	1/2 - 1 Mile North
S115	MD1000000181688	1/2 - 1 Mile North
S116	MD1000000430818	1/2 - 1 Mile North
S117	MD1000000430801	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
S118	MD1000000430784	1/2 - 1 Mile North
S119	MD1000000430817	1/2 - 1 Mile North
120	MD1000000430766	1/2 - 1 Mile ESE
123	MD1000000176243	1/2 - 1 Mile ENE
U124	MD1000000177455	1/2 - 1 Mile SE
127	MD1000000177960	1/2 - 1 Mile ESE
V132	MD1000000458705	1/2 - 1 Mile NNW
V133	MD1000000458706	1/2 - 1 Mile NNW
V134	MD1000000458740	1/2 - 1 Mile NNW
Y138	MD1000000470057	1/2 - 1 Mile NE
Y139	MD1000000470055	1/2 - 1 Mile NE
Y140	MD1000000470056	1/2 - 1 Mile NE
Y141	MD1000000470058	1/2 - 1 Mile NE
Z142	MD1000000179701	1/2 - 1 Mile SSW
Z143	MD1000000179703	1/2 - 1 Mile SSW
Z144	MD1000000179704	1/2 - 1 Mile SSW
Z145	MD1000000179702	1/2 - 1 Mile SSW
154	MD1000000185134	1/2 - 1 Mile ESE
X155	MD1000000172817	1/2 - 1 Mile SE
X156	MD1000000176164	1/2 - 1 Mile SE
X157	MD1000000171951	1/2 - 1 Mile SE
X158	MD1000000176274	1/2 - 1 Mile SE
X159	MD1000000172938	1/2 - 1 Mile SE
X160	MD1000000172803	1/2 - 1 Mile SE
X161	MD1000000173581	1/2 - 1 Mile SE
X162	MD1000000174619	1/2 - 1 Mile SE
X163	MD1000000173622	1/2 - 1 Mile SE
X164	MD1000000171332	1/2 - 1 Mile SE
X165	MD1000000170017	1/2 - 1 Mile SE
X166	MD1000000169724	1/2 - 1 Mile SE
X167	MD1000000430515	1/2 - 1 Mile SE
X168	MD1000000430294	1/2 - 1 Mile SE
X169	MD1000000172446	1/2 - 1 Mile SE
X170	MD1000000172432	1/2 - 1 Mile SE
X171	MD1000000171551	1/2 - 1 Mile SE
X172	MD1000000169635	1/2 - 1 Mile SE
X173	MD1000000169699	1/2 - 1 Mile SE
AC177	MD1000000461249	1/2 - 1 Mile ENE
AC178	MD1000000461257	1/2 - 1 Mile ENE
AC179	MD1000000461261	1/2 - 1 Mile ENE
AC180	MD1000000461290	1/2 - 1 Mile ENE
AC181	MD1000000461262	1/2 - 1 Mile ENE
AC182	MD1000000461264	1/2 - 1 Mile ENE
AF190	MD1000000183971	1/2 - 1 Mile ESE
AF191	MD1000000178179	1/2 - 1 Mile ESE
AF192	MD1000000346841	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 1898628.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

SITE NAME: Frederick Brick Works
 ADDRESS: 184 East South Street
 Frederick MD 21701
 LAT/LONG: 39.4066 / 77.4022

CLIENT: Hydro-Terra, Inc.
 CONTACT: GARY PARKS
 INQUIRY #: 1898628.2s
 DATE: April 10, 2007 10:10 am