Appendix E

Hazardous Materials

Maryland Department of the Environment (MDE) Land Restoration Program (LRP) Letter

(2/19/16)

Maryland
Department of
the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

February 19, 2016

Mark Williams, Manager
Environmental Compliance Division
Maryland Aviation Administration
P.O. Box 8766
BWI Airport, MD 21240

RECEIVED
FEB 24 2016
MD AVIATION ADMINISTRATION
PLANNING & ENVIRONMENTAL SERVICES

RE: MAA Aviation Blvd. Property
Linthicum Heights, MD
(Anne Arundel County: Tax Map 3, Parcel: 18)

Dear Mr. Williams:

The Land Restoration Program of the Maryland Department of the Environment (LRP) has completed its review of the Phase I and II Environmental Site Assessment Report submitted by AECOM, Inc. (AECOM) for a parking lot property located at 10 Amtrak Way in Linthicum Heights, Maryland and described in Anne Arundel County tax map 3 as parcel 18 (Site). We understand that the owner of the Site, Maryland Aviation Administration (MAA) requested the review to assess if the Site's existing environmental condition is acceptable for developing the property into an automobile repair shop/convenience store. By this letter, we are notifying MAA that based on our review of the above reports and data collected from the limited Phase II investigations, the LRP has no reason to believe that the existing Site conditions preclude the proposed development plan.

The limited soil and groundwater information collected during the Phase II sampling indicates low levels of solvent and/or arsenic in soil and groundwater. However, it cannot be confirmed that the contamination in the groundwater is from an onsite source. We also note that our understanding of the soil quality onsite is limited to the top six (6) inches of soil. That being said the overall information and a limited toxicological analysis does not indicate any immediate concerns that would require the LRP to open a case file for the site to conduct any further investigation. With the implementation of a proper site management plan, the site's current environmental condition is acceptable for the projected development of the site as a commercial facility.

As always, the LRP reserves the right to require further action should the Site come to pose an imminent and /or substantial endangerment to public health and the environment, future activities at the Site result in contamination by hazardous substances, or if any previously undiscovered, new, or exacerbated levels of contamination are discovered.

Please call me or the project manager, Anu Mohanty at (410) 537-3440 if you have any questions or concerns.

Sincerely,

Brian Dietz

Brian Dietz, Section Head
Land Restoration Program

BD

cc: Ms. Hilary Miller
Mr. James Carroll
Ms. Anu Mohanty

Environmental Site Assessment Parking Lot at Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland

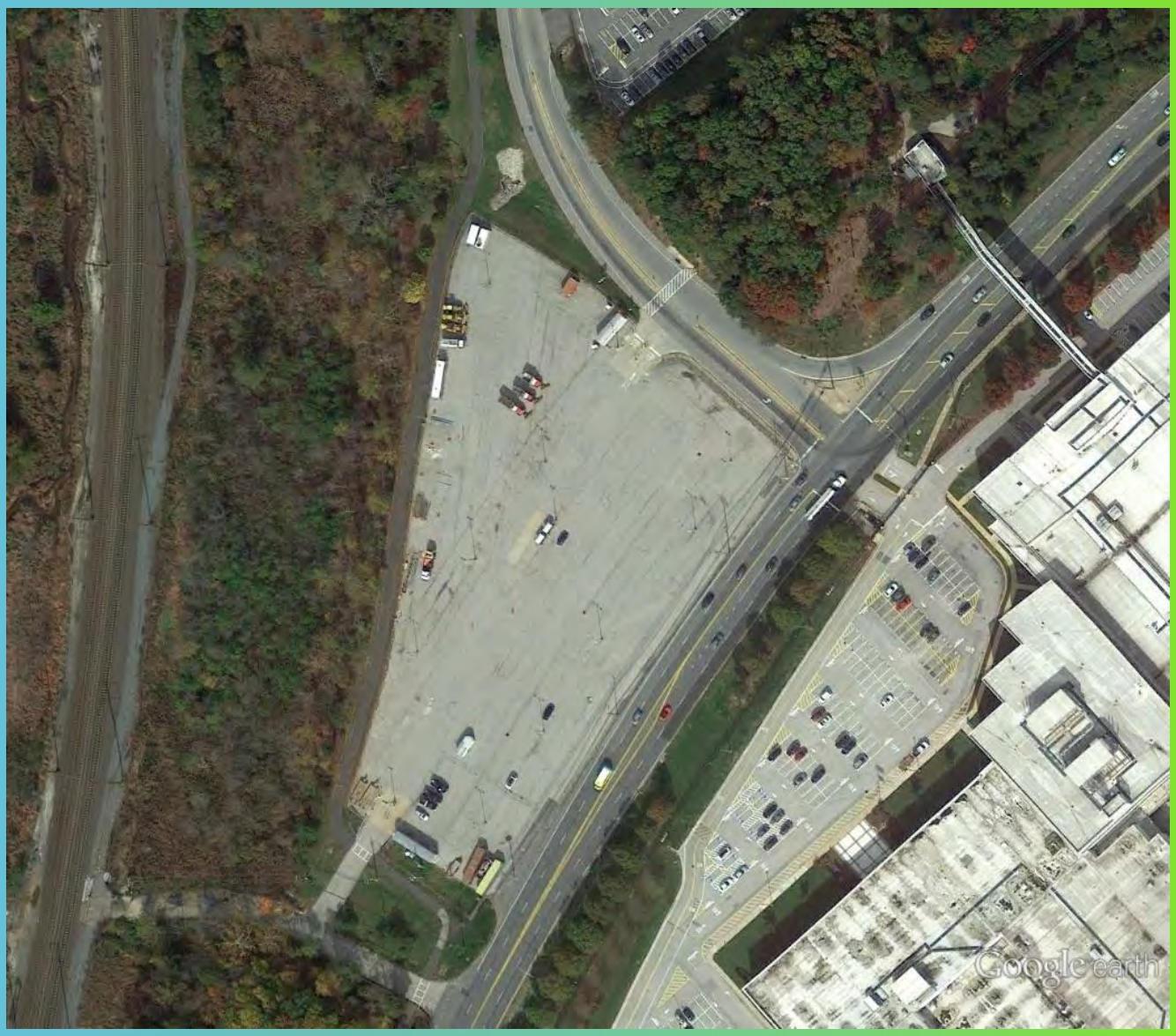
(AECOM, August 2015)

Environment

Submitted to:
Maryland Aviation Administration
BWI Thurgood Marshall Airport
Baltimore, MD

Submitted by:
AECOM
Beltsville, Maryland
August 18, 2015

Environmental Site Assessment Parking Lot at Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland



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Executive Summary

Maryland Aviation Administration (MAA) contracted with AECOM Technical Services, Inc. (AECOM) to perform a Phase I and Phase II Environmental Site Assessment (ESA) of an asphalt-paved parking lot located along Aviation Boulevard at the intersection of Amtrak Way in Linthicum Heights, Maryland (subject property). This report was prepared in general conformance with the scope and limitations of ASTM Standard Practice Designation E 1527-13, which meets the requirements of 40 CFR Part 312 and is intended to constitute *all appropriate inquiry* for purposes of the landowner liability protections (LLPs). Exceptions to, or deletions from, this practice are described in this report.

The Phase I site visit occurred on May 18, 2015 and the Phase II subsurface investigation occurred on July 15 and July 16, 2015. The subject property consists entirely of a 170,075-square foot asphalt-paved parking lot and a stormwater retention area on an approximately 4.61 acre lot that is used for contractor equipment and vehicle staging. No permanent structures exist at the subject property. The stormwater retention area is located in the northern portion of the subject property outside of the fence enclosure. The subject property is accessed from the south along Stoney Run Road and from the north along Amtrak Way. Two portable trailers are situated in the northern and southern portions of the subject property, respectively. Seven (7) storage units were observed along the perimeter of the subject property, the contents of which are unknown. A bus was parked along the northwestern portion of the subject property. Various other vehicles were parked throughout the parking area of the subject property. Large construction equipment was also observed in the northern and southern portions of the subject property. The portable trailer in the southern portion of the subject property was enclosed in a fence and utilized two roll-off dumpsters for apparent general and office refuse. A sanitary hookup was observed along the rear of the trailer, discharging into a plastic tank within the grass-covered area in the southern portion of the subject property. Three (3) stormwater drains were observed along the eastern portion of the subject property within the parking areas. No staining was observed in the vicinity of any of the drains. AECOM observed a generator attached to the trailer located in the northern portion of the subject property along Amtrak Way. Approximately 12 square feet of de minimis surficial staining was observed beneath the generator; however, no storm drains were observed in the vicinity.

No visual evidence of underground storage tanks (e.g., vent pipes, fill ports), potable water wells, monitoring wells, clarifiers, dry wells, septic tanks, or leach fields was observed on the subject property during the site visit.

The subject property is located in a commercially developed area in Baltimore, Maryland. To the north of the subject property is the Baltimore/Washington International Airport (BWI) Trail, beyond which is a wooded area and Amtrak railroad lines (northwest). Northeast of the subject property is Amtrak Way, beyond which is the Amtrak employee parking lot. East of the subject property is Amtrak Way and the intersection between Amtrak Way and Aviation Boulevard, beyond which is a wooded area (northeast) and a Northrop Grumman facility (7323 Aviation Boulevard). South of the

subject property consists of Aviation Boulevard, beyond which is the Northrop Grumman facility. West of the subject property consists of the BWI Trail, beyond which is a wooded area and Amtrak railroad lines.

AECOM did not observe gasoline service stations or dry cleaners in the immediate vicinity (500 feet) of the subject property. No sensitive receptors (i.e. day care centers, schools, hospitals, water bodies) were identified adjacent to or in the immediate vicinity of the subject property.

Historical research indicates the subject property was an undeveloped wooded area since at least 1894 until as recently as 1938, at which point a portion of the subject property was cleared and developed with an apparent dirt road. The railroad west and northwest of the subject property was developed prior to 1894. As of 1957, the subject property was completely cleared and present day Aviation Boulevard was built. By at least 1964, the subject property was developed with an asphalt-paved parking lot similar to its present day configuration. A 1994 aerial photograph depicts the subject property and adjacent properties in their existing configurations. The adjacent Northrop Grumman facility was developed sometime between 1938 and 1957, based on aerial photographs.

The subject property is not identified on any of the State or Federal databases reviewed. Based on the distance from the subject property (i.e. greater than 500 feet) and/or topographical position from the subject property (i.e. down-gradient or cross-gradient), no off-site listings are expected to present a concern to the subject property. Due to the close proximity; however, the following facility is discussed in detail:

- Northrop Grumman Systems Corporation/BWI Site at 7323 Aviation Boulevard is located approximately 140 feet southeast of the subject property in an up-gradient position. This facility is identified on the Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal Facilities (TSDF) database, the Corrective Action (CORRACTS) database, the RCRA-large quantity generator (LQG) database, the Toxic Chemical Release Inventory System (TRIS) database, the Facility Index System/Facility Registration System (FINDS) database, the Maryland Oil Control Program (MD OCPCASES) database, the NJ, PA and NY Manifest databases, the United States (US) Financial Assurance database, the US Permit and Facility Information Listing (AIRS) database, the 2020 Corrective Action Database, the MD Financial Assurance database, the MD Underground Storage Tank (UST) database, the Engineering Controls database, and the MD Aboveground Storage Tank (AST) database. The MD AST database identifies 11 ASTs: one 700-gallon heating oil tank, one 25,000-gallon aviation gasoline tank, one 200-gallon gasoline tank, two 500-gallon heating oil tanks, one 285-gallon heating oil tank, one 300-gallon heating oil tank, one 275-gallon heating oil tank, one 6,000-gallon heating oil tank, one 127-gallon heating oil tank, and one 200-gallon heating oil tank. The age of these tanks is unknown. The MD UST database identified three 30,000-gallon capacity heating oil USTs, all of which were installed in 1975. The MD OCPCASES case (#7083) was assigned to four separate releases: the first was opened and closed on February 11, 1994 (no release or cleanup reported); the second was opened on July 28, 2000 due to a release from an AST with no cleanup reported, with closure on October 24, 2000; the

third was opened on December 18, 2003 due to a release of commercial oil (no cleanup reported) with closure on June 1, 2004; and the fourth was opened on March 18, 2002 due to a release from an AST, with a cleanup reported and closured date of July 16, 2002. The remaining database listings pertain to record-keeping databases and are for information purposes only.

AECOM has submitted a Public Information Act (PIA) request to Maryland Department of the Environment (MDE) for information pertaining to previous environmental concerns with regard to the subject property and the adjacent Northrup Grumman facility at 7323 Aviation Boulevard. To date, a response has yet to be received. Upon receipt of pertinent information, MAA will be notified.

AECOM conducted a Phase II subsurface investigation at the subject property on July 15 and July 16, 2015 to assess soil and groundwater conditions at the site. The subsurface investigation consisted of the advancement of twelve soil borings (SB-1 through SB-12) and the installation of six temporary monitoring wells (TW-1, TW-4, TW-6, TW-7, TW8 and TW-12). Soil and groundwater samples were collected and submitted for laboratory analysis. Arsenic was detected in six surface soil samples above MDE Soil Cleanup Standards but the concentrations were consistent with the State of Maryland background arsenic concentrations. 1,1-dichloroethene, trichloroethene, arsenic, cadmium, chromium and lead were detected in groundwater samples above MDE Groundwater Standards Type I and Type II Aquifers. These results are discussed in further detail in the Recognized Environmental Conditions section below.

The following Recognized Environmental Conditions (RECs) were identified in connection with the subject property:

- The presence of 1,1-dichloroethene and trichloroethene, as well as total RCRA metals arsenic, cadmium, chromium and lead, in groundwater exceeding their respective MDE Groundwater Standards for Type I and Type II Aquifers is considered a REC.
- The presence of TPH-DRO and TPH-GRO in groundwater exceeding their respective MDE Residential Groundwater Standard is considered a REC.

No controlled RECs (CRECs) were identified in connection with the subject property.

No historic RECs (HRECs) were identified in connection with the subject property.

The following de minimis conditions were identified in connection with the subject property:

- Surficial automobile and generator oil staining was observed in several areas of the asphalt-paved parking area.

On the basis of the findings described above, AECOM recommends the following:

- According to the laboratory analytical results, VOC, RCRA metal and TPH-DRO/TPH-GRO contamination is present in on-site groundwater. Maryland law suggests that “responsible

persons" disclose environmental sampling results and report indications of a release of hazardous substances at a property to the State. Furthermore, the MDE has recently released reporting thresholds for contaminants in environmental media. While these thresholds have yet to be published in full in the regulation, the MDE has made them available to the public for reference and/or guidance. The detectable concentrations of both trichlorethene and arsenic in groundwater met and exceed the MDE Hazardous Substance Notification Standards of 2.6 μg/L and 0.446 μg/L, respectively.

1.0 Introduction

1.1 Purpose

This Phase I and Phase II Environmental Site Assessment (ESA) was performed pursuant to AECOM's written proposal with Maryland Aviation Administration (MAA) (Client) dated and executed on April 15, 2015 (under Task Order No. 24 under Contract No. MAA-SV-10-001B). This assessment was performed in advance of the potential redevelopment of the property as an automobile service station/convenience store. The purpose of this Phase I and Phase II ESA is to provide the client with information for use in evaluating recognized environmental conditions (RECs) associated with the subject property. AECOM representative Mr. Peter Pecora conducted the Phase I site visit on May 18, 2015, and AECOM representatives Daniel Hulbert and Jeremy Joiner conducted the Phase II subsurface investigation on July 15 and July 16, 2015.

Per the ASTM standard, potential findings can include RECs, including historical RECs (HRECs), controlled RECs (CRECs) and de minimis conditions. A REC is defined by the ASTM as “The presence of or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products even under conditions in compliance with laws. HRECs are a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority, without subjecting the property to any required controls. CRECs are a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. De minimis conditions are those situations that do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of the regulating authority. This assessment is based on a review of existing conditions, reported pre-existing conditions, observed operations at the subject property, and adjacent properties, and a subsurface investigation.

1.2 Scope of Work

The Phase I and Phase II ESA included a site visit, regulatory research, historical review, an environmental database analysis of the subject property, and a subsurface investigation. In conducting the Phase I ESA, AECOM assessed the subject property for visible signs of possible contamination, researched public records for the subject property, and conducted interviews with representatives of regulatory agencies and current owner/operators. In conducting the Phase II ESA, AECOM advanced soil borings and collected soil and groundwater samples for laboratory analysis. Conclusions reached in this report are based upon the assessment performed and are subject limitations set forth in Sections 1.3, 1.4, and 1.5 below.

1.3 Study Limitations

This report describes the results of AECOM's Phase I and Phase II ESA to identify the presence of contamination-related liabilities materially affecting the subject property. In the conduct of this assessment, AECOM assessed the presence of such problems within the limits of the established scope of work as described in our proposal.

As with any due diligence assessment, there is a certain degree of dependence upon oral information provided by facility or site representatives, which is not readily verifiable through visual observations or supported by any available written documentation. AECOM shall not be held responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed by facility or site representatives at the time this assessment was performed. In addition, the findings in this report are subject to certain conditions and assumptions, which are noted in the report. Any party reviewing the findings of the report must carefully review and consider all such conditions and assumptions.

This report and all field data and notes were gathered and/or prepared by AECOM in accordance with the agreed upon scope of work and generally accepted engineering and scientific practice in effect at the time of AECOM's assessment of the subject property. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental conditions at the subject property.

As specified in the ASTM standard (referred to below as "this practice"), it is incumbent that the client and any other parties who review and rely upon this report understand the following inherent conditions surrounding any Phase I ESA:

- Uncertainty Not Eliminated – No ESA can wholly eliminate uncertainty regarding the potential for REC in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for REC in connection with a property, and this practice recognizes reasonable limits of time and costs. (Section 4.5.1 of the ASTM standard)
- Not Exhaustive – "All appropriate inquiry" does not mean an exhaustive assessment of a clean property. There is a point at which the cost of information obtained outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an ESA and the reduction of uncertainty about unknown conditions resulting from additional information. (Section 4.5.2 of the ASTM Standard)
- Comparison with Subsequent Inquiry – It should not be concluded or assumed that an inquiry was not an "all appropriate inquiry" merely because the inquiry did not identify RECs in connection with a property. ESAs must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent ESAs should not be considered valid standards to judge the appropriateness of

any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors. (Section 4.5.4 of the ASTM Standard)

This report was prepared pursuant to an agreement between Maryland Aviation Administration (Client) and AECOM and is for the exclusive use of the Client. No other party is entitled to rely on the conclusions, observations, specifications, or data contained herein without first obtaining AECOM's written consent and provided any such party signs an AECOM-generated Reliance Letter. A third party's signing of the AECOM Reliance Letter and AECOM's written consent are conditions precedent to any additional use or reliance on this report.

The passage of time may result in changes in technology, economic conditions, site variations, or regulatory provisions, which would render the report inaccurate. Reliance on this report after the date of issuance as an accurate representation of current site conditions shall be at the user's sole risk.

1.4 Site-Related Limiting Conditions

AECOM did not inspect the interior of the trailers or storage boxes. Based on the lack of any observations made of the exteriors indicating a release or spill, this site-related limiting condition is not expected to impact the results of this assessment.

1.5 Data Gaps/Data Failure

The following data failure/data gaps were encountered during the course of this assessment:

- Per ASTM, interviews of past owners, operators, and occupants of the subject property, who are likely to have material information regarding the potential for contamination at the subject property, shall be conducted to the extent that they can be identified and that the information likely to be obtained is not duplicative of information already obtained from other sources. AECOM obtained historical property information from site representatives, sources listed in Section 4.0, and incorporated as appropriate throughout the report. Based on the historical information obtained during this Phase I ESA, AECOM does not consider this data gap to be a significant limitation to this report.
- AECOM submitted a PIA request to local regulatory agencies. Responses were not received as of the date of this report. Upon MDE's response, AECOM will notify MAA of the update as soon as possible.

2.0 Site Description

2.1 Site Location and Parcel Description

The subject property is located west of the intersection between Aviation Boulevard and Amtrak Way in Linthicum Heights, Maryland, also listed as 7032 Elm Road, Baltimore, Maryland. Access to the subject property is provided from the north (Amtrak Way) and the southwest (Stoney Run Road).

According to the Maryland Department of Assessments and Taxation, the subject property is approximately 4.61 acres and designated as Anne Arundel County Tax Map 3, Grid 24, as Parcel 18. The property is currently utilized as a contractor vehicle and equipment storage lot. The approximate location of the subject property is illustrated on **Figure 1- Site Location Map**.

2.2 Site Ownership

According to the Maryland Department of Assessments and Taxation, the subject property is currently owned by MAA. The property includes approximately 4.61 acres of land including the 170,075-square foot asphalt paved parking lot and a stormwater retention area.

2.3 Site Visit

Mr. Peter Pecora with AECOM's Beltsville, Maryland office visited the subject property on May 18, 2015. During the site visit Mr. Pecora was unaccompanied. The site visit methodology consisted of walking over accessible areas of the subject property, including the perimeter and portions of the surrounding area. Mr. Mark Williams of MAA approved the site access. The following sections summarize the results of the site visit.

2.4 Site and Facility Description

No permanent structures exist at the subject property. During the site visit, no visual evidence of potable water wells, monitoring wells, dry wells, clarifiers, septic tanks, or leach fields was observed on the subject property. Visual evidence of significant discolored soil, water, or unusual vegetative conditions or odors was not observed during the site visit. A small area of stained soil was observed near a temporary generator on site. The general layout of the subject property is illustrated on **Figure 2- Site Plan** and site photographs are provided in **Appendix A- Representative Site Photographs**.

2.5 Surrounding Properties

The subject property is located in a commercially developed area in Baltimore, Maryland. To the north of the subject property is the Baltimore/Washington International Airport (BWI) Trail, beyond which is a wooded area and Amtrak railroad lines (northwest). Northeast of the subject property is Amtrak Way, beyond which is the Amtrak employee parking lot. East of the subject property is Amtrak Way and the intersection between Amtrak Way and Aviation Boulevard, beyond which is a wooded area (northeast)

and a Northrop Grumman facility (7323 Aviation Boulevard). South of the subject property consists of Aviation Boulevard, beyond which is the Northrop Grumman facility. West of the subject property consists of the BWI Trail, beyond which is a wooded area and Amtrak railroad lines.

AECOM did not observe gasoline service stations or dry cleaners in the immediate vicinity (500 feet) of the subject property. More information is provided in Section 5.3.2. In addition, no sensitive receptors (i.e. day care centers, schools, hospitals, water bodies) were identified adjacent to or in the immediate vicinity of the subject property.

2.6 Petroleum Products and Regulated Materials

AECOM did not observe any petroleum products or regulated materials at the subject property; however, AECOM did not have access to the trailers and storage units. No staining or discolored soil or vegetation was observed in the vicinity of these mobile containers or trailers.

2.7 Polychlorinated Biphenyls

Polychlorinated biphenyls (PCB)-containing dielectric fluids have been widely used as coolants and lubricants in transformers, capacitors, and other electric equipment due to their insulating and non-flammable properties. No permanent structures exist at the subject property; therefore, PCBs are not likely to be present on-site. No fluorescent light ballasts or hydraulic equipment was observed on the subject property. Several light poles are located throughout the subject property.

During the site visit, four pole-mounted transformers were observed in the southern portion of the subject property along Stoney Run Road (see Figure 2 for approximate location). Labeling indicating “Non-PCB” content was not observed on the transformers. Staining was not observed at the base of the transformer. The transformers are owned and maintained by Baltimore Gas and Electric (BGE).

2.8 Asbestos

No building structures exist at the subject property; therefore, asbestos-containing materials are unlikely to be present on-site. An asbestos survey was not conducted as part of this assessment.

2.9 Lead-based Paint

No building structures exist at the subject property. With the exception of the bus stop shelter and white parking space paint, no other painted surfaces exist at the subject property. A lead-based paint survey was not conducted as part of this assessment.

2.10 Water Intrusion

No evidence of water intrusion was observed during the site visit.

2.11 Aboveground Storage Tanks

No aboveground storage tanks (AST) were observed on the subject property. Also, no ASTs were listed in the site-specific environmental database report reviewed by AECOM.

2.12 Underground Storage Tanks

Visual evidence of underground storage tanks (USTs) (e.g., vent pipes, fill ports) was not observed during the site visit, identified during AECOM's historical research, or reported by the site contact, Mr. Mark Williams with MAA.

2.13 Solid Waste

AECOM observed two roll-off dumpsters, located on the south side of the subject property. No evidence of spills or leaking was observed. The dumpsters are used by the contractor who utilizes the fence enclosed area in the southern portion of the subject property (Dvorak). The roll-offs were empty at the time of the site visit, and are presumed as used on an as-needed-basis during construction activities offsite. No visual evidence of inappropriate disposal activities, a hazardous materials release, staining or chemical odors were observed on the subject property.

2.14 Regulated Waste

No regulated waste was observed during the site inspection.

2.15 Water

No potable water is provided to the subject property. No potable water wells were observed at the subject property or reported by the site contact.

2.16 Wastewater

Wastewater discharges at the subject property include effluent from human consumptive use, which discharge into an approximate 200-gallon tank located south of the Dvorak trailer in the southern portion of the subject property. This tank is emptied on an as-needed-basis. The subject property is currently serviced by BWI's wastewater sewer system which flows to the Patapsco Treatment Plant.

2.17 Stormwater

Based on AECOM's site visit observations, stormwater from the subject property appears to drain via sheet flow to three stormwater drains located along the eastern portion of the subject property. A stormwater retention area is located along the northern portion of the subject property outside of the enclosed parking lot. Stormwater also discharges onto the adjacent roadways and the BWI Trail located to the west/northwest of the subject property. The subject property is connected to the BWI sewer system. No staining was observed in the vicinity of the storm drains.

2.18 Heating and Cooling

No building structures exist at the subject property. Heating and cooling of the trailers is provided by interior electric heating and cooling units.

3.0 Environmental Setting

3.1 Topography

Based on a review of the 1974 United States Geological Survey (USGS) 7.5 minute topographic map (Relay, MD quadrangle) and a review of the EDR Radius Map with GeoCheck®, the elevation of the subject property is approximately 94 feet above mean sea level. Based on a review of these sources and AECOM's site visit, topography at the site slopes to the west/southwest.

3.2 Soil/Geology

According to the online review of the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, the subject property consists of urban land and Udorthents loam. Udorthents loam consists of loam from 0-2 inches below ground surface and gravelly loam to 72 inches bgs. These soils are well drained with moderate infiltration rates.

3.3 Groundwater/Hydrology

Groundwater flow typically mimics the surface topography. According to topographic maps provided by EDR, groundwater at the subject property is expected flow in an westerly/southwesterly direction towards Tanyard Cove located approximately 800 feet west of the subject property, and eventually to the Chesapeake Bay.

3.4 Radon

Radon is a radioactive gas that is generated by the decay of radium in the underlying soil and rocks. Radon gas levels are highly site specific and are influenced by soil and building conditions, including pressure differentials between the soil and the building. The U.S. EPA has established a guideline threshold of 4.0 PicoCuries per liter (pCi/L) of air, above which there may be adverse health risks if exposure continues over a prolonged period of time (generally 70 years).

EPA's map of Radon Zones identifies Anne Arundel County as a zone 2, which means an average indoor radon screening level between 2 and 4 pCi/L (picocuries per liter). It is AECOM's opinion that radon does not present a significant environmental concern at the subject property. The site contact was not aware of radon testing having been conducted at the subject property.

3.5 Wetlands

According to the United States Fish and Wildlife Service (USFWS) National Wetlands Inventory map provided in the EDR, no wetlands are identified at the subject property. According to the map, the nearest wetlands are located at least a 1/4 mile away. Wetland delineation was not performed by AECOM as part of this investigation.

3.6 Floodplains

According to the EDR report, the subject property is not located within a FEMA designated 100 or 500-year flood zone.

4.0 Site and Area History

Historical information for the subject property and surrounding properties is based on AECOM's review and analysis of the following historical sources:

- Aerial photographs dated 1938, 1957, 1964, 1966, 1970, 1980, 1994, 1998, 2005, 2006, 2007, 2009, and 2011;
- Topographic maps dated 1894, 1907, 1908, 1947, 1950, 1957, 1966, and 1974; and
- City Directories for the years 1975, 1980, 1985, 1992, 1995, 1999, 2003, 2008, and 2013

According to Environmental Data Resources (EDR), Sanborn® Fire Insurance map coverage is not available for the area of the subject property. No sites were listed in the city directory reviewed by EDR.

4.1 Subject Property

Historical research indicates the subject property was a wooded area since at least 1894 until as recently as 1938, at which point a portion of the subject property was cleared and developed with an apparent dirt road. As of 1957, the subject property was completely cleared and present day Aviation Boulevard was built. By at least 1964, the subject property was developed with an asphalt-paved parking lot similar to its present day configuration. A 1994 aerial photograph depicts the subject property and adjacent properties in their existing configurations.

4.2 Off-site Properties

Historical research indicates that the surrounding area consisted of a wooded area and a railroad west and northwest of the subject property since at least 1894. The adjacent Northrop Grumman facility located to the east/southeast of the subject property across Aviation Boulevard was developed between 1938 and 1957, based on aerial photographs. North of the subject property consisted of a wooded area until at least 1974, at which point Amtrak Way was developed.

4.3 Previously Prepared Environmental Reports

AECOM was not provided previously prepared environmental reports associated with the subject property and did not come across any during our research.

5.0 Database and Records Review

5.1 User Provided Information

On May 28, 2015, Mr. Mark Williams, Manager of Environmental Compliance for MAA, completed the ASTM 1527-05 User Questionnaire. The ASTM 1527-05 User Questionnaire summarizes the “user’s” knowledge of title records, environmental liens, specialized knowledge, and/or real estate value reduction issues associated with the subject property. Mr. Williams was not aware of any environmental liens or activity use limitations having been placed on the subject property. The proposed development of the subject property is for the construction of a fuel dispensing convenience store.

5.2 Title Records/Environmental Liens

An environmental lien search was conducted as part of the database package provided by EDR. According to the report, there are no environmental liens listed for the subject property.

5.3 Database Information

In accordance with the scope of work and ASTM Standard E-1527-05, a search of various governmental databases was conducted by EDR. The site-specific environmental database report prepared by EDR was reviewed to determine the potential for environmental impacts to the subject property from on-site and/or off-site sources of concern. The database abbreviations are provided in the site-specific environmental database report.

The database report includes various reports detailing database information for each of the sites identified/geocoded within the specified radius. Additional sites with recognized environmental risks were identified, but EDR was not able to map them to specific locations due to insufficient/ contradicting address information. These sites were included in the database report as "orphan" sites. Based upon AECOM's review, there does not appear to be any significant concerns associated with the orphan sites. A summary of AECOM’s review and analysis of the site-specific environmental database report is presented below. A copy of the database report is provided in **Appendix B- Environmental Database Report**.

Based on AECOM’s research, the subject property is not located on or within a 1-mile radius of tribal lands.

5.3.1 Subject Property

The subject property was not identified on any State or Federal databases reviewed.

5.3.2 Surrounding Sites

Northrop Grumman Systems Corporation/BWI Site at 7323 Aviation Boulevard, is located approximately 140 feet southeast of the subject property in an up-gradient position. This facility is identified on the Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal Facilities (TSDF) database, the Corrective Action (CORRACTS) database, the RCRA-large quantity generator (LQG) database, the Toxic Chemical Release Inventory System (TRIS) database, the Facility Index System/Facility Registration System (FINDS) database, the Maryland Oil Control Program (MD OCPCASES) database, the NJ, PA and NY Manifest databases, the United States (US) Financial Assurance database, the US Permit and Facility Information Listing (AIRS) database, the 2020 Corrective Action Database, the MD Financial Assurance database, the MD Underground Storage Tank (UST) database, the Engineering Controls database, and the MD Aboveground Storage Tank (AST) database. The MD AST database identifies 11 ASTs: one 700-gallon heating oil tank, one 25,000-gallon aviation gasoline tank, one 200-gallon gasoline tank, two 500-gallon heating oil tanks, one 285-gallon heating oil tank, one 300-gallon heating oil tank, one 275-gallon heating oil tank, one 6,000-gallon heating oil tank, one 127-gallon heating oil tank, and one 200-gallon heating oil tank. The age of these tanks is unknown. The MD UST database identified three 30,000-gallon capacity heating oil USTs, all of which were installed in 1975. The MD OCPCASES case (#7083) was assigned to four separate releases: the first was opened and closed on February 11, 1994 (no release or cleanup reported); the second was opened on July 28, 2000 due to a release from an aboveground storage tank (AST) with no cleanup reported, with closure on October 24, 2000; the third was opened on December 18, 2003 due to a release of commercial oil (no cleanup reported) with closure on June 1, 2004; and the fourth was opened on March 18, 2002 due to a release from an AST, with a cleanup reported and closured date of July 16, 2002. The remaining database listings pertain to record-keeping databases and are for information purposes only. Based on the regulatory status of these database listings, AECOM does not consider the facility to be considered a REC with respect to the subject property.

Based on the distance from the subject property (i.e. greater than 1,000 feet), topographical position from the subject property (i.e. down-gradient or cross-gradient), no additional listings are expected to present a concern to the subject property.

5.4 Agency File Review

5.4.1 Maryland Department of the Environment

AECOM submitted a Public Information Act (PIA) request to the Maryland Department of the Environment (MDE) for the subject property and the adjacent Northrop Grumman facility at 7323 Aviation Boulevard. As of the date of this report, a response to AECOM's PIA request had not been received.

5.4.2 Anne Arundel County Government

AECOM submitted PIA requests to the following local government agencies:

- Department of Environmental Health to determine if there have been any environmental compliance issues related to these properties; specifically, underground storage tank issues, groundwater/soil contamination, air emissions, waste and discharge issues, and permitting issues.

As of the date of this report, a response to AECOM's PIA requests had not been received. Upon receipt of a relevant response, AECOM will notify MAA of the update as soon as possible.

5.4.3 United States Environmental Protection Agency (US EPA)

AECOM searched the US EPA's Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), Enforcement & Compliance History Online (ECHO), and Envirofacts Data Warehouse (Envirofacts) online databases. The CERCLIS database consists of sites being assessed under the Superfund program (NPL sites), hazardous waste sites, and potential hazardous waste sites. The ECHO database consists of US EPA compliance history at a site. The Envirofacts database retrieves information obtained from 17 national systems, including the CERCLIS, Superfund program (NPL sites), hazardous waste sites, and potential hazardous waste sites. The subject property and surrounding sites were not identified on the CERCLIS database.

6.0 Phase II Environmental Site Assessment

Following completion of the Phase I ESA activities, a Phase II ESA was conducted to evaluate existing soil and groundwater conditions at the Site.

6.1 Pre-Drilling Activities

In preparation for on-site drilling, Green Services Mid-Atlantic Inc. (GSI) of Bel Air, Maryland, notified One Call regarding the planned drilling activities. In addition, GSI subcontracted a private utility clearance at each of the proposed boring locations. Subsurface utilities were identified and marked.

AECOM developed a Health and Safety Plan (HASP) that was specific to this subject property. The development of the HASP is required by the Occupational Safety and Health Administration (OSHA) under Hazardous Waste Operations & Emergency Response 29 CFR 1910.120. The site HASP is designed to reduce the risk of physical or chemical exposures that may affect workers in the proposed work area. The HASP includes information about chemicals expected on the subject property, health and safety procedures for working on-site, and emergency response procedures. The HASP is on file at AECOM.

6.2 Determination of Standards

Any detectable soil and groundwater analytical results are considered reportable to the Maryland Department of the Environment, based on recently promulgated reporting guidance.

6.3 Subsurface Investigation

On July 15 and July 16, 2015, GSI advanced twelve soil borings (SB-1 through SB-12) at the subject property, under the supervision of AECOM. The borings were advanced utilizing Geoprobe® direct push technology and soil samples were continuously collected using a five-foot dual tube sampler, at locations selected to investigate potential subsurface impacts to soil and groundwater beneath the subject property. The twelve soil boring locations were spread evenly across the subject property with approximately three per acre. The soil boring locations are depicted in **Figure 3- Soil Boring and Temporary Well Locations**. The soil borings were advanced a few feet into the water table, to a maximum depth of 40 feet below ground surface (ft bgs) or to refusal, whichever was encountered first. Groundwater was encountered in all twelve soil borings and temporary groundwater monitoring wells were installed in six of the twelve borings. Boring logs are presented in **Appendix C- Boring Logs**.

6.4 Soil Sampling

Soil samples were collected from all twelve soil borings. A soil sample was collected at the surface (0-6”) and at-depth for each boring. The at-depth sample was either collected at a zone of suspected impact (as determined via visual, olfactory or through use of a photoionization detector) or at the groundwater interface. No indications of potential contamination or elevated readings from the photoionization detector (PID) were detected in the twelve soil borings.

The soil samples were placed in laboratory-supplied containers and packed with ice for transport to TestAmerica, under chain-of-custody protocol. Twenty-four of the samples were submitted for analysis of Total Petroleum Hydrocarbons- Diesel Range Organics (TPH-DRO) and Total Petroleum Hydrocarbons- Gasoline Range Organics (TPH-GRO) via modified Method 8015B. The TPH-DRO and TPH-GRO analysis provides a general background indicator of a petroleum release. Twelve of the samples were submitted for analysis of Volatile Organic Compounds (VOCs) inclusive of BTEX and Fuel Oxygenates via USEPA Method 8260B. The VOC analysis inclusive of BTEX and Fuel Oxygenates provides an indication of organic contamination including common industrial solvents. Six of the samples were submitted for analysis of Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270, Polychlorinated Bi-phenyls (PCBs) via USEPA Method 8080 and RCRA Metals via USEPA Method 6020A. The SVOC analysis provides an indication of heavy oils, wood preservatives and coal tar, the PCB analysis provides an indication of transformer oils and hydraulic oils and the RCRA Metal analysis provides baseline data.

After samples were collected, each boring was backfilled using the native material and capped with asphalt patch. No excess soil cuttings were generated during soil boring activities.

6.5 Soil Analytical Results

No concentrations of TPH-DRO, TPH-GRO, VOCs, SVOCs or PCBs were detected above MDE Cleanup Standards for Soil. Arsenic was detected at concentrations exceeding its respective MDE soil standard in SB-1A (2.5 B mg/kg), SB-2A (3.5 B mg/kg), SB-7A (4.3 B mg/kg), SB-10A (5.3 B mg/kg) and SB-12A (3.8 B mg/kg). The “B” qualifier associated with each concentration indicates that arsenic was detected in one of the laboratory method blanks at levels that were above the method detection limit but below the reporting limit. Therefore, the values should be considered estimates. The MDE has calculated Anticipated Typical Concentrations (ATCs) for metals and trace elements in each of the three provinces of the state of Maryland. The ATC represents the mean concentration plus one standard deviation, and represents a value that either matches or exceeds the majority of background concentration samples. The ATC or background concentration for arsenic in Central Maryland is 4.9 mg/kg so the arsenic detected in surface soil samples is in line with background arsenic concentrations and is likely not an indicator of potential soil contamination. Therefore, the detectable concentrations of arsenic are not considered a REC.

The soil analytical results are summarized in **Table 1- Soil Analytical** Results and a copy of the laboratory report is included in **Appendix D- Soil and Groundwater Laboratory Analytical Report**.

While concentrations of VOCs were not detected above their respective MDE soil standard, it should be noted that the SB-1A, SB-2A, SB-3A, SB-4A, SB-5A, SB-6A, SB-7A, SB-8A, SB-9A and SB-11A VOC samples were received by the laboratory slightly outside the optimal hold time. Soil samples collected via TerraCore® sampling devices should be frozen by the laboratory within 48 hours of collection. The samples noted above were frozen between 48 and 56 hours after collection and are therefore designated with an “H” qualifier. AECOM does not believe that this condition materially affects the quality of the data.

6.6 Groundwater Sampling

Groundwater samples were collected from soil borings SB-1/TW-1, SB-4/TW-4, SB-6/TW-6, SB-7/TW-7, SB-8/TW-8 and SB-12/TW-12 by installing a temporary one-inch diameter groundwater monitoring well. Groundwater on-site was encountered between 16.92 ft bgs and 24.75 ft bgs and the temporary well screens were installed to bracket the water table. Detailed depth-to-water levels and

screening intervals are included in **Appendix C- Boring Logs**. The groundwater samples were collected using dedicated tubing and a peristaltic pump.

The groundwater samples were placed in laboratory supplied containers and packed with ice for transport to TestAmerica, under chain-of-custody protocol. All of the groundwater samples were submitted for Total Petroleum Hydrocarbons- Diesel Range Organics (TPH-DRO) and Total Petroleum Hydrocarbons- Gasoline Range Organics (TPH-GRO), inclusive of BTEX and Fuel Oxygenates via Modified Method 8015B, Volatile Organic Compounds (VOCs) via USEPA Method 8260 and Total RCRA Metals via USEPA Method 6020A. The TPH-DRO and TPH-GRO analysis provides a general background indicator of a petroleum release, the VOC analysis provides indication of other organic contaminants including common industrial solvents and the RCRA Metals analysis provides baseline data.

6.7 Groundwater Analytical Results

VOC contaminant 1,1-dichloroethene was detected in temporary wells TW-8 (18 µg/L) and TW-12 (83 µg/L) exceeding its respective MDE Groundwater Standard of 7 µg/L for Type I and Type II Aquifers. Additionally, VOC contaminant trichloroethene was detected in temporary wells TW-1 (9.7 µg/L), TW-4 (9 µg/L), TW-8 (7 µg/L) and TW-12 (9.5 J µg/L) exceeding its respective MDE Groundwater Standard of 5 µg/L for Type I and Type II Aquifers. Arsenic was detected in temporary wells TW-4 (11 B µg/L) and TW-7 (72 B µg/L) exceeding its respective MDE groundwater standard of 10 µg/L. Cadmium was detected in temporary wells TW-4 (15 µg/L), TW-6 (8.3 µg/L), TW-7 (23 µg/L) and TW-8 (9.1 µg/L) exceeding its respective MDE groundwater standard of 5 µg/L. Chromium (140 B µg/L) and Lead (23 B µg/L) were detected in temporary well TW-7 above their respective MDE groundwater standards of 100 µg/L and 15 µg/L, respectively. Therefore, the presence of 1,1-dichloroethene and trichloroethene, as well as total RCRA metals arsenic, cadmium, chromium and lead, in groundwater is generally considered a REC.

With respect to the detectable concentrations of TPH-DRO and TPH-GRO, the MDE only provides cleanup standards if the contaminated groundwater is located within a residential-use area. While the Site does not appear to be in a residential-use area, several of the temporary wells sampled had TPH-DRO and TPH-GRO concentrations which exceed their respective MDE Residential Groundwater Standard. TPH-DRO was detected in temporary wells TW-1 (87 J µg/L), TW-4 (82 J µg/L), TW-6 (100 µg/L), TW-7 (250 µg/L), TW-8 (590 µg/L) and TW-12 (92J µg/L) exceeding its respective MDE Residential Groundwater Standard of 47 µg/L. TPH-GRO was detected in temporary well in TW-8 (57 J µg/L) exceeding its respective MDE Residential Groundwater Standard of 47 µg/L. Therefore, the detectable concentration of TPH-DRO and TPH-GRO in groundwater is generally considered a REC.

The groundwater analytical results are summarized in **Table 2- Groundwater Analytical Results** and a copy of the laboratory report is included in **Appendix D- Soil and Groundwater Laboratory Analytical Report**.

7.0 Findings and Opinions

AECOM performed a Phase I and Phase II ESA of the subject property in conformance with the scope and limitations of ASTM Practice E 1527-13, which meets the requirements of Title 40, Code of Federal Regulations Part 312 and is intended to constitute *all appropriate inquiry* for purposes of the landowner liability protections. Any exceptions to, or deletions from, this practice are described in Section 1.3 through 1.5 of this report.

7.1 Recognized Environmental Conditions

The following REC was identified during this assessment:

- The presence of 1,1-dichloroethene and trichloroethene, as well as total RCRA metals arsenic, cadmium, chromium and lead, in groundwater exceeding their respective MDE Groundwater Standards for Type I and Type II Aquifers is considered a REC.
- The presence of TPH-DRO and TPH-GRO in groundwater exceeding their respective MDE Residential Groundwater Standard is considered a REC.

7.2 Controlled Recognized Environmental Conditions

No controlled Recognized Environmental Condition's (CRECs) were identified.

7.3 Historical Recognized Environmental Conditions

No historical Recognized Environmental Condition's (HRECs) were identified.

7.4 De Minimis Conditions

Based on the above-described activities, the following de minimis conditions were identified in connection with the subject property:

- Surficial automobile and generator oil staining was observed in several areas of the asphalt-paved parking area.

8.0 Conclusions and Recommendations

8.1 Conclusions

AECOM has performed a Phase I and Phase II ESA of the parcel at the intersection of Aviation Boulevard and Amtrak Way in Linthicum Heights, Anne Arundel County, Maryland, in conformance with the scope and limitations of ASTM Practice E 1527-13. Any exception to, or deletions from, this practice are described in Sections 1.3 through 1.5 of this report. This assessment has revealed no evidence of RECs, CRECs or HRECs in connection with the property except the following:

- The presence of 1,1-dichloroethene and trichloroethene, as well as total RCRA metals arsenic, cadmium, chromium and lead, in groundwater exceeding their respective MDE Groundwater Standards for Type I and Type II Aquifers is considered a REC.
- The presence of TPH-DRO and TPH-GRO in groundwater exceeding their respective MDE Residential Groundwater Standard is considered a REC.

8.2 Recommendations

On the basis of the findings described above, AECOM recommends the following:

- According to the laboratory analytical results, VOC, RCRA metal and TPH-DRO/TPH-GRO contamination is present in on-site groundwater. Maryland law requires “responsible persons” to disclose environmental sampling results and report indications of a release of hazardous substances at a property to the State. Furthermore, the MDE has recently released reporting thresholds for contaminants in environmental media. While these thresholds have yet to be published in full in the regulation, the MDE has made them available to the public for reference and/or guidance. The detectable concentrations of both trichlorethene and arsenic in groundwater met and exceed the MDE Hazardous Substance Notification Standards of 2.6 µg/L and 0.446 µg/L, respectively.
- The presence of on-site groundwater contamination without correlative subsurface soil contamination suggests one of two origins: 1.) There may have been some uncontrolled disposal of petroleum hydrocarbons and solvents on or near the site that was not identified within the soil investigation completed within this study. 2.) The impacts may be migrating from an off-site source.

9.0 Quality Control/Quality Assurance

9.1 Site Visit, Research, and Report Preparation

The site visit, research, and report preparation were conducted by Peter Pecora, in AECOM's Beltsville, Maryland office.

Signature: _____

9.2 Quality Control Review

A first level review of this report was conducted by Rachael Allen, in AECOM's Beltsville, Maryland office.

Signature: _____

A second level review of this report was conducted by Gary Grinstead, in AECOM's Beltsville, Maryland office.

Signature: _____

9.3 Environmental Professional Statement

Mr. Gary Grinstead was the Environmental Professional (EP) for this project. Mr. Grinstead EP statement is below and his resume is provided in **Appendix E- Qualifications of Environmental Professional**.

I declare that, to the best of our professional knowledge and belief, I meet the definition of an EP as defined in §312.10 of 40 Code of Federal Regulations (CFR) and that I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature: _____ Date: 10/12/15

10.0 References

10.1 Persons Interviewed

Mark Williams, Manager of MAA for Environmental Compliance completed the ASTM Questionnaire May 16, 2012.

10.2 Agencies Contacted/Reviewed

Enforcement & Compliance History Online (ECHO) database search conducted at http://www.epa.gov/echo.

Anne Arundel County Department of Environmental Health, PIA request, May 17, 2015. 3 Harry S Truman Parkway, Annapolis, Maryland. (410) 222-7095.

Anne Arundel County Public Information Office, PIA request May 17, 2015. Director of Communications, Arundel Center, Box 2700, Annapolis, MD 21404.

Maryland Department of Assessments and Taxation, Real Property Data Search: http://sdatcert3.resiusa.org/rp_rewrite/details.aspx?County=02&SearchType=STREET&AccountNumber=05%20000%2000134520

Maryland Department of the Environment. 1800 Washington Blvd., Baltimore, MD 21230. (410) 537-3000. PIA submitted May 16, 2015.

United States Environmental Protection Agency (EPA). CERCLIS online database search conducted at http://cfpub1.epa.gov/supercpad/cursites/srchsites.cfm.

10.3 Documents Reviewed

EDR Aerial Photos Decade Package for Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland, dated May 6, 2015. Inquiry number 4285187.12. Aerial photographs dated 1938, 1957, 1964, 1966, 1970, 1980, 1994, 1998, 2005, 2006, 2007, 2009, and 2011. Report prepared by Environmental Data Resources, 6 Armstrong Road, 4th Floor, Shelton, Connecticut, 06484, (800) 352-0050.

EDR Historical Topographic Map Package for Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland, dated May 6, 2015. Inquiry number 4285187.4. Topographic maps dated 1894, 1907, 1908, 1947, 1950, 1957, 1966, and 1974. Report prepared by Environmental Data Resources, 6 Armstrong Road, 4th Floor, Shelton, Connecticut, 06484, (800) 352-0050.

EDR Radius Map with GeoCheck® for Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland, dated May 6, 2015, Inquiry Number 4285187.2s. Report prepared by Environmental Data Resources, 6 Armstrong Road, 4th Floor, Shelton, Connecticut, 06484, (800) 352-0050.

Google Earth application downloaded at www.earth.google.com. This information was reviewed online by Peter Pecora of AECOM in May 2015.

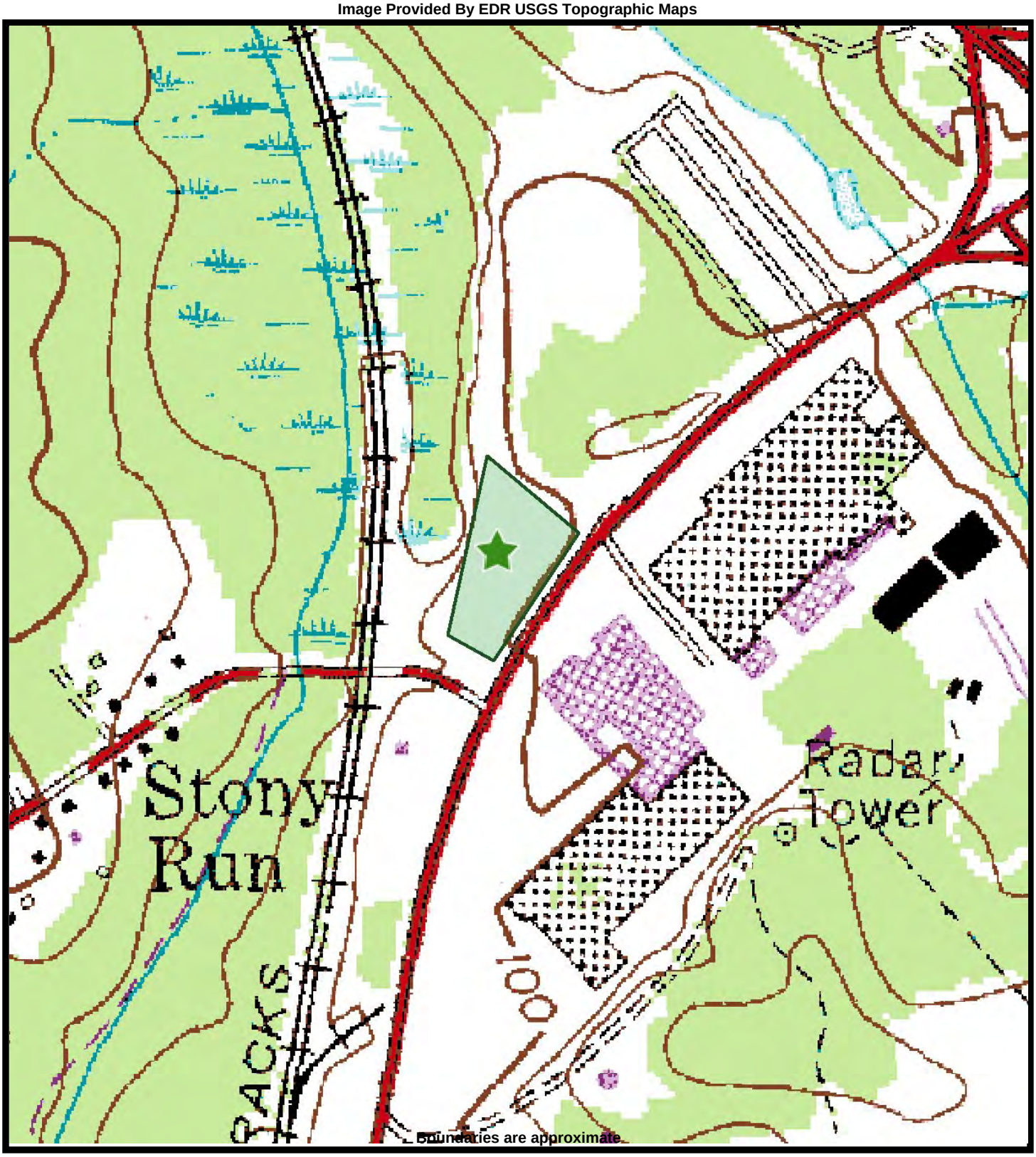
Sanborn® Map Report, "No Coverage," prepared for Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland, dated May 6, 2015, Inquiry Number 4285187.3. Report prepared by Environmental Data Resources, 6 Armstrong Road, 4th Floor, Shelton, Connecticut, 06484, (800) 352-0050.

Environmental Lien, "None Found," prepared for Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland, dated May 6, 2015, Inquiry Number 4285187.7. Report prepared by Environmental Data Resources, 6 Armstrong Road, 4th Floor, Shelton, Connecticut, 06484, (800) 352-0050.

United States Department of Agriculture (USDA), Natural Resource Conservation Service (NRCS) Web Soil Survey, reviewed online at: http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm

Figures

Image Provided By EDR USGS Topographic Maps



Prepared For: MAA
AVIATION BOULEVARD & AMTRAK
Aviation Boulevard & Amtrak Way
Linthicum Heights Maryland 21090

N

Not to Scale

Figure 1

Site Location Map
6/4/2015
Drawn By: Peter Pecora

AECOM

Maryland Aviation Administration (MAA) Aviation Blvd & Amtrak Way Linthicum Heights, MA			Site Plan	
DATE: 06/02/15	DRWN: JG		Project No. 60427594	FIGURE 2

AECOM

Maryland Aviation Administration (MAA)
Aviation Blvd & Amtrak Way
Linthicum Heights, MA

Soil Boring and Temporary Well Locations

DATE: 08/01/15	DRWN: JG		Project No. 60427594	**FIGURE 3**

Tables

Table 1: Soil Analytical Results
Maryland Aviation Administration
Parking Lot at Aviation Blvd and Amtrak Way, Linthicum Heights, MD
Phase II ESA- Limited Soil and Groundwater Sampling

											MDE Soil Standards		
Sample ID	SB-1A	SB-1B	SB-2A	SB-2B	SB-3A	SB-3B	SB-4A	SB-4B	SB-5A	SB-5B	Residential Clean-up Standard	Non-Residential Clean-up Standard	Protection of Groundwater[a]
Date	7/15/2015	7/15/2015	7/15/2015	7/16/2015	7/15/2015	7/16/2015	7/15/2015	7/15/2015	7/15/2015	7/16/2015			
Sample Depth	0-6"	21.5'- 22'	0-6"	20.5'- 21'	0-6"	25.5'- 26'	0-6"	19.5'- 20'	0-6"	25.5'- 26'			
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	(mg/kg)	(mg/kg)	(mg/kg)
Diesel Range Organics (TPH-DRO)	18 J	ND	ND	ND	ND	ND	ND	ND	16 J	24	230	620	NS
Gasoline Range Organics (TPH-GRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	230	620	NS
Volatile Organic Compounds (VOCs)													
Acetone	0.019	NA	0.0076 J	NA	0.025	NA	0.0089 J	NA	ND	NA	7,000	92,000	22
Benzene	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	12	52	0.0019
2-Butanone (MEK)	0.0018 J	NA	ND	NA	0.0017 J	NA	0.0017 J	NA	ND	NA	4,700	61,000	29
Carbon Disulfide	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	780	10,000	19
Ethylbenzene	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	780	10,000	15
2-Methyl-2-propanol	ND	NA	ND	NA	ND	NA	0.011 J	NA	ND	NA	NS	NS	NS
Toluene	0.00054 J	NA	0.0004 J	NA	0.0011 J	NA	ND	NA	ND	NA	630	8,200	27
Total Xylenes	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	1,600	20,000	3
Semi-Volatile Organic Compounds (SVOCs)													
Acenapthene	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	470	6,100	100
Anthracene	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	2,300	31,000	470
Benzo(a)anthracene	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.22	3.9	0.48
Benzo(a)pyrene	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.022	0.39	0.12
Benzo(b)fluoranthene	0.0057 J	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.22	3.9	1.5
Benzo(k)fluoranthene	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	2.2	3.9	15
Bis(2-ethylhexyl)phthalate	0.032 JB	NA	0.024 JB	NA	NA	NA	NA	NA	NA	NA	46	200	2,900
Chrysene	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	22	390	48
Di-n-butylphthalate	0.042 JB	NA	0.032 JB	NA	NA	NA	NA	NA	NA	NA	780	10,000	5,000
Fluoranthene	0.0064 J	NA	0.0049 J	NA	NA	NA	NA	NA	NA	NA	310	4,100	6,300
Fluorene	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	310	4,100	140
2-Methylnaphthalene	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	31	410	4.4
Naphthalene	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	160	2,000	0.15
Phenanthrene	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	2,300	31,000	470
Pyrene	0.0063 J	NA	0.0067 J	NA	NA	NA	NA	NA	NA	NA	230	3,100	680
PCBs													
Aroclor-1016	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.55	41	4.2
Aroclor-1221	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.32	1.4	NS
Aroclor-1232	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.32	1.4	NS
Aroclor-1242	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.32	1.4	NS
Aroclor-1248	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.32	1.4	NS
Aroclor-1254	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.32	1.4	1.1
Aroclor-1260	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.32	1.4	NS
RCRA Metals													
Silver	0.030 J	NA	0.025 J	NA	NA	NA	NA	NA	NA	NA	39	510	31
Arsenic	2.5 B	NA	3.5 B	NA	NA	NA	NA	NA	NA	NA	0.43	1.9	0.026
Barium	60	NA	31	NA	NA	NA	NA	NA	NA	NA	1,600	20,000	6,000
Cadmium	0.15 J	NA	0.16 J	NA	NA	NA	NA	NA	NA	NA	3.9	51	27
Chromium	12 B	NA	11 B	NA	NA	NA	NA	NA	NA	NA	23	310	42
Lead	4.1	NA	6.7	NA	NA	NA	NA	NA	NA	NA	400	1,000	NS
Selenium	0.66 JB	NA	2.2 B	NA	NA	NA	NA	NA	NA	NA	39	510	19
Mercury	ND	NA	0.025 J	NA	NA	NA	NA	NA	NA	NA	2.3	31	NS

Notes:
Soil Standards - June 2008 State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater
MDE - State of Maryland Department of the Environment
mg/kg- milligrams per kilogram
ND- Not detected at or above the reporting limit
NA- Not analyzed
NS- No publsihed clean-up standard
J- Result is less than the reporting limit but greater than or equal to the method detection limit; and the concentration is an approximate value
B- Compound was found in the blank and sample
SB-10AS is a duplicate sample of SB-10A
EB-1S is an equipment blank collected using the soil sampling equipment.
* SVOCSs- ISTD response or retention time outside acceptable limits
[a]- Standard based on Region III SSLs for groundwater migration using a dilution attenuation factor (DAF) of 20.
Yellow Highlight- Indicates an exceedance of the MDE Non-Residential Cleanup Standard.

Table 1: Soil Analytical Results
Maryland Aviation Administration
Parking Lot at Aviation Blvd and Amtrak Way, Linthicum Heights, MD
Phase II ESA- Limited Soil and Groundwater Sampling

											MDE Soil Standards		
Sample ID	SB-6A	SB-6B	SB-7A	SB-7B	SB-8A	SB-8B	SB-9A	SB-9B	SB-10A	SB-10AS	Residential Clean-up Standard	Non-Residential Clean-up Standard	Protection of Groundwater[a]
Date	7/15/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015	7/16/2015	7/15/2015	7/15/2015			
Sample Depth	0-6"	23.5'- 24'	0-6"	14.5'- 15'	0-6"	26.5'- 27'	0-6"	14.5'- 15'	0-6"	0-6"			
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	(mg/kg)	(mg/kg)	(mg/kg)
Diesel Range Organics (TPH-DRO)	24	ND	130	ND	ND	ND	64	ND	ND	29	230	620	NS
Gasoline Range Organics (TPH-GRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	230	620	NS
Volatile Organic Compounds (VOCs)													
Acetone	0.011 J	NA	ND	NA	ND	NA	0.026	NA	0.016	0.031	7,000	92,000	22
Benzene	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	12	52	0.0019
2-Butanone (MEK)	0.0012 J	NA	0.0014 J	NA	ND	NA	0.0042 J	NA	0.0017 J	0.0028 J	4,700	61,000	29
Carbon Disulfide	ND	NA	ND	NA	ND	NA	0.00077 J	NA	ND	0.00088 J	780	10,000	19
Ethylbenzene	ND	NA	0.00031 J	NA	ND	NA	0.001 J	NA	ND	ND	780	10,000	15
2-Methyl-2-propanol	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NS	NS	NS
Toluene	0.00088 J	NA	0.005 J	NA	ND	NA	0.013	NA	0.0015 J	0.001	630	8,200	27
Total Xylenes	ND	NA	0.00046 J	NA	ND	NA	0.0031 J	NA	ND	ND	1,600	20,000	3
Semi-Volatile Organic Compounds (SVOCs)													
Acenapthene	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	470	6,100	100
Anthracene	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	2,300	31,000	470
Benzo(a)anthracene	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	0.22	3.9	0.48
Benzo(a)pyrene	ND	NA	ND *	NA	NA	NA	NA	NA	ND *	ND	0.022	0.39	0.12
Benzo(b)fluoranthene	ND	NA	ND *	NA	NA	NA	NA	NA	ND *	ND	0.22	3.9	1.5
Benzo(k)fluoranthene	ND	NA	ND *	NA	NA	NA	NA	NA	ND *	ND	2.2	3.9	15
Bis(2-ethylhexyl)phthalate	0.036 JB	NA	0.038 JB	NA	NA	NA	NA	NA	0.035 JB	0.031 JB	46	200	2,900
Chrysene	ND	NA	0.013	NA	NA	NA	NA	NA	ND	ND	22	390	48
Di-n-butylphthalate	0.033 JB	NA	0.036 JB	NA	NA	NA	NA	NA	0.03 JB	0.035 JB	780	10,000	5,000
Fluoranthene	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	310	4,100	6,300
Fluorene	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	310	4,100	140
2-Methylnaphthalene	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	31	410	4.4
Naphthalene	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	160	2,000	0.15
Phenanthrene	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	2,300	31,000	470
Pyrene	0.0063 J	NA	0.006 J	NA	NA	NA	NA	NA	0.0086	0.008	230	3,100	680
PCBs													
Aroclor-1016	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	0.55	41	4.2
Aroclor-1221	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	0.32	1.4	NS
Aroclor-1232	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	0.32	1.4	NS
Aroclor-1242	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	0.32	1.4	NS
Aroclor-1248	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	0.32	1.4	NS
Aroclor-1254	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	0.32	1.4	1.1
Aroclor-1260	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	0.32	1.4	NS
RCRA Metals													
Silver	NA	NA	0.027 J	NA	NA	NA	NA	NA	0.024 J	0.030 J	39	510	31
Arsenic	NA	NA	4.3 B	NA	NA	NA	NA	NA	5.3 B	5.3 B	0.43	1.9	0.026
Barium	NA	NA	21	NA	NA	NA	NA	NA	68	41	1,600	20,000	6,000
Cadmium	NA	NA	0.19	NA	NA	NA	NA	NA	0.25	0.24	3.9	51	27
Chromium	NA	NA	13 B	NA	NA	NA	NA	NA	14 B	15 B	23	310	42
Lead	NA	NA	8.2	NA	NA	NA	NA	NA	5	6.3	400	1,000	NS
Selenium	NA	NA	1.3 B	NA	NA	NA	NA	NA	0.85 JB	1.1 B	39	510	19
Mercury	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	2.3	31	NS

Notes:
Soil Standards - June 2008 State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater
MDE - State of Maryland Department of the Environment
mg/kg- milligrams per kilogram
ND- Not detected at or above the reporting limit
NA- Not analyzed
NS- No publsihed clean-up standard
J- Result is less than the reporting limit but greater than or equal to the method detection limit; and the concentration is an approximate value
B- Compound was found in the blank and sample
SB-10AS is a duplicate sample of SB-10A
EB-1S is an equipment blank collected using the soil sampling equipment.
* SVOCSs- ISTD response or retention time outside acceptable limits
[a] - Standard based on Region III SSLs for groundwater migration using a dilution attenuation factor (DAF) of 20.
Yellow Highlight- Indicates an exceedance of the MDE Non-Residential Cleanup Standard.

Table 1: Soil Analytical Results
Maryland Aviation Administration
Parking Lot at Aviation Blvd and Amtrak Way, Linthicum Heights, MD
Phase II ESA- Limited Soil and Groundwater Sampling

							MDE Soil Standards		
Sample ID	SB-10B	SB-11A	SB-11B	SB-12A	SB-12B	EB-1S	Residential Clean-up Standard	Non-Residential Clean-up Standard	Protection of Groundwater[a]
Date	7/16/2015	7/15/2015	7/16/2015	7/16/2015	7/16/2015	--			
Sample Depth	19.5'- 20'	0-6"	15.5'- 16'	0-6"	14.5'- 15'	--			
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	(mg/kg)	(mg/kg)	(mg/kg)
Diesel Range Organics (TPH-DRO)	ND	ND	ND	55	ND	ND	230	620	NS
Gasoline Range Organics (TPH-GRO)	ND	ND	ND	ND	ND	36 J	230	620	NS
Volatile Organic Compounds (VOCs)									
Acetone	NA	0.0074 J	NA	ND	NA	ND	7,000	92,000	22
Benzene	NA	ND	NA	ND	NA	ND	12	52	0.0019
2-Butanone (MEK)	NA	0.0017 J	NA	ND	NA	ND	4,700	61,000	29
Carbon Disulfide	NA	ND	NA	0.00098 J	NA	ND	780	10,000	19
Ethylbenzene	NA	ND	NA	ND	NA	ND	780	10,000	15
2-Methyl-2-propanol	NA	ND	NA	ND	NA	ND	NS	NS	NS
Toluene	NA	ND	NA	ND	NA	ND	630	8,200	27
Total Xylenes	NA	ND	NA	ND	NA	ND	1,600	20,000	3
Semi-Volatile Organic Compounds (SVOCs)									
Acenapthene	NA	NA	NA	0.0049 J	NA	ND	470	6,100	100
Anthracene	NA	NA	NA	0.011	NA	ND	2,300	31,000	470
Benzo(a)anthracene	NA	NA	NA	0.03	NA	ND	0.22	3.9	0.48
Benzo(a)pyrene	NA	NA	NA	0.042	NA	ND	0.022	0.39	0.12
Benzo(b)fluoranthene	NA	NA	NA	0.056	NA	ND	0.22	3.9	1.5
Benzo(k)fluoranthene	NA	NA	NA	0.016	NA	ND	2.2	3.9	15
Bis(2-ethylhexyl)phthalate	NA	NA	NA	0.049 JB	NA	ND	46	200	2,900
Chrysene	NA	NA	NA	0.076	NA	ND	22	390	48
Di-n-butylphthalate	NA	NA	NA	0.038 JB	NA	0.76 JB	780	10,000	5,000
Fluoranthene	NA	NA	NA	0.054	NA	ND	310	4,100	6,300
Fluorene	NA	NA	NA	0.0068 J	NA	ND	310	4,100	140
2-Methylnaphthalene	NA	NA	NA	0.033	NA	ND	31	410	4.4
Naphthalene	NA	NA	NA	0.0065 J	NA	ND	160	2,000	0.15
Phenanthrene	NA	NA	NA	0.065	NA	ND	2,300	31,000	470
Pyrene	NA	NA	NA	0.072	NA	ND	230	3,100	680
PCBs									
Aroclor-1016	NA	NA	NA	ND	NA	ND	0.55	41	4.2
Aroclor-1221	NA	NA	NA	ND	NA	ND	0.32	1.4	NS
Aroclor-1232	NA	NA	NA	ND	NA	ND	0.32	1.4	NS
Aroclor-1242	NA	NA	NA	ND	NA	ND	0.32	1.4	NS
Aroclor-1248	NA	NA	NA	ND	NA	ND	0.32	1.4	NS
Aroclor-1254	NA	NA	NA	ND	NA	ND	0.32	1.4	1.1
Aroclor-1260	NA	NA	NA	ND	NA	ND	0.32	1.4	NS
RCRA Metals									
Silver	NA	NA	NA	0.036 J	NA	ND	39	510	31
Arsenic	NA	NA	NA	3.8 B	NA	0.21 JB	0.43	1.9	0.026
Barium	NA	NA	NA	82	NA	ND	1,600	20,000	6,000
Cadmium	NA	NA	NA	0.46	NA	ND	3.9	51	27
Chromium	NA	NA	NA	20 B	NA	2.6 B	23	310	42
Lead	NA	NA	NA	10	NA	ND	400	1,000	NS
Selenium	NA	NA	NA	1.2 B	NA	ND	39	510	19
Mercury	NA	NA	NA	ND	NA	ND	2.3	31	NS

Notes:
Soil Standards - June 2008 State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater
MDE - State of Maryland Department of the Environment
mg/kg- milligrams per kilogram
ND- Not detected at or above the reporting limit
NA- Not analyzed
NS- No publsihed clean-up standard
J- Result is less than the reporting limit but greater than or equal to the method detection limit; and the concentration is an approximate value
B- Compound was found in the blank and sample
SB-10AS is a duplicate sample of SB-10A
EB-1S is an equipment blank collected using the soil sampling equipment.
* SVOCSs- ISTD response or retention time outside acceptable limits
[a]- Standard based on Region III SSLs for groundwater migration using a dilution attenuation factor (DAF) of 20.
Yellow Highlight- Indicates an exceedance of the MDE Non-Residential Cleanup Standard.

Table 2: Groundwater Analytical Results
Maryland Aviation Administration
Parking Lot at Aviation Blvd and Amtrak Way, Linthicum Heights, MD
Phase II ESA- Limited Soil and Groundwater Sampling

Sample ID	TW-1	TW-4	TW-6	TW-7	TW-8	TW-8D	TW-12	EB-1GW	TB-1	TB-2	MDE Groundwater Standards Type I and Type II Aquifers
Date	7/16/2015	7/15/2015	7/15/2015	4/10/2014	7/15/2015	7/15/2015	7/16/2015	7/16/2016	N/A	N/A	
Screened Interval	19'- 29'	17'- 27'	20'- 30'	18.5'- 28.5'	15'- 30'	DUPLICATE	19'- 29'	N/A	N/A	N/A	
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	(µg/L)
Volatile Organic Compounds (VOCs)											
Acetone	ND	ND	ND	1.8 J	ND	ND	ND	0.97 J	ND	ND	550
1,1,1-Trichloroethane	ND	ND	ND	ND	10	8.9	110	ND	ND	ND	200
1,1,2-Trichloro-1,2,2-trifluoroethane	1.1	11	2	1.1	37	28	240	ND	ND	ND	NS
1,1-Dichloroethane	0.30 J	0.55 J	0.91 J	0.45 J	5.3	4.8	3.2 J	ND	ND	ND	90
1,1-Dichloroethene	0.73 J	1.9	2.1	0.91 J	18	15	83	ND	ND	ND	7
Chloroform	0.32 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	80
cis-1,2-Dichloroethene	3.7	1.5	0.67 J	0.49 J	0.42 J	0.44 J	ND	ND	ND	ND	70
Cyclohexane	ND	ND	ND	0.49 J	ND	ND	ND	ND	ND	ND	NS
2-Methyl-2-propanol	ND	9.4 J	ND	ND	ND	ND	ND	ND	ND	ND	NS
Methyl tert-butyl ether	ND	ND	ND	ND	0.26 J	0.26 J	3.3 J	ND	ND	ND	20
Tetrachloroethene	ND	ND	ND	ND	0.81 J	0.70 J	4 J	ND	ND	ND	5
Trichloroethene	9.7	9	4	0.86 J	7	6	9.5 J	ND	ND	ND	5
Toluene	ND	ND	ND	ND	ND	ND	7.6 J	ND	ND	ND	1,000
Vinyl Chloride	ND	ND	0.80 J	ND	ND	ND	ND	ND	ND	ND	2
RCRA Metals											
Silver	0.036 J	0.044 J	0.038 J	0.087 J	0.038 J	0.032 J	0.029 J	ND	NA	NA	100
Arsenic	5.6 B	11 B	5 B	72 B	9.1 B	9.5 B	7.6 B	0.18 JB	NA	NA	10
Barium	150	150	160	250	160	170	200	ND	NA	NA	2,000
Cadmium	2.7	15	8.3	23	9.1	9.2	1.6	ND	NA	NA	5
Chromium	19 B	16 B	7.8 B	140 B	37 B	40 B	41 B	1.5 JB	NA	NA	100
Lead	5 B	4.5 B	0.92 JB	23 B	7.1 B	7.8 B	9.6 B	ND	NA	NA	15
Selenium	5	7.5	0.55 J	5.4	1.5 J	1.6 J	3.4 J	ND	NA	NA	50
Mercury	0.13 J	ND	ND	ND	ND	ND	0.096 J	ND	NA	NA	2
											MDE Residential Groundwater Standard
											(µg/L)
Diesel Range Organics (TPH-DRO)	87 J	82 J	100	250	590	61 J	92 J	ND	NA	NA	*47
Gasoline Range Organics (TPH-GRO)	40 J	26 J	34 J	31 J	57 J	37 J	78 J	ND	NA	NA	*47

Notes:
Groundwater Standards - June 2008 State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater
MDE - State of Maryland Department of the Environment
µg/L- micrograms per liter
ND- Not detected at or above the reporting limit
NA- Not analyzed
NS- No publsihed clean-up standard
J- Result is less than the reporting limit but greater than or equal to the method detection limit; and the concentration is an approximate value
B- Compound was found in the blank and sample
TW-8D is a duplicate sample of TW-8.
EB-1GW is an equipment blank collected using the dedicated tubing and peristaltic pump.
TB-1 and TB-2 are trip blanks.
Yellow Highlight- Indicates an exceedance of the MDE Groundwater Standard for Type I and Type II Aquifers
Gray Highlight- Indicates an exceedance of the MDE Residential Groundwater Standard

Appendix A

Representative Site Photographs

AECOM

PHOTOGRAPHIC LOG

Client Name: Maryland Aviation Administration (MAA)	**Site Location:** Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland	**Project No.** 60427594

Photo No. **1**

Date: 5/19/15

Direction Photo Taken:

South

Description:

View of the asphalt-paved parking lot and bus stop shelter at the subject property.

Photo No. **2**

Date: 5/19/15

Direction Photo Taken:

Northwest

Description:

View of the stormwater detention basin located in the northern portion of the subject property outside of the asphalt parking lot.

AECOM

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
Maryland Aviation Administration (MAA)	Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland	60427594

Photo No.	Date:
3	5/19/15

Direction Photo Taken:

East

Description:

View of a mobile trailer and attached generator located in the northern portion of the subject property.

Photo No.	Date:
4	5/19/15

Direction Photo Taken:

North

Description:

View of the portable generator and surficial black staining atop the asphalt.

AECOM

PHOTOGRAPHIC LOG

Client Name: Maryland Aviation Administration (MAA)	**Site Location:** Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland	**Project No.** 60427594

Photo No. 5	**Date:** 5/19/15

Direction Photo Taken:

East

Description:

View of the northern entrance.

Photo No. 6	**Date:** 5/19/15

Direction Photo Taken:

East

Description:

View of the eastern portion of the subject property.

AECOM

PHOTOGRAPHIC LOG

Client Name: Maryland Aviation Administration (MAA)	Site Location: Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland	Project No. 60427594

Photo No. 7

Date: 5/19/15

Direction Photo Taken:

South

Description:

View of the northeastern portion of the subject property along Amtrak Way.

Photo No. 8

Date: 5/19/15

Direction Photo Taken:

Northwest

Description:

View of storage units and construction equipment located in the northern corner of the subject property.

AECOM

PHOTOGRAPHIC LOG

Client Name: Maryland Aviation Administration (MAA)	**Site Location:** Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland	**Project No.** 60427594

Photo No. 9	**Date:** 5/19/15

Direction Photo Taken:

Southwest

Description:

View of the southwestern portion of the subject property and southern entrance.

Photo No. 10	**Date:** 5/19/15

Direction Photo Taken:

Northwest

Description:

View of a bus parked along the central western portion of the subject property.

AECOM

PHOTOGRAPHIC LOG

Client Name: Maryland Aviation Administration (MAA)	**Site Location:** Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland	**Project No.** 60427594

Photo No. **11**

Date: 5/19/15

Direction Photo Taken:

South

Description:

View of a stormwater drain (one of three) located along the southeastern portion of the subject property.

Photo No. **12**

Date: 5/19/15

Direction Photo Taken:

South

Description:

View of the Dvorak contractor enclosure located in the southern portion of the subject property.

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
Maryland Aviation Administration (MAA)	Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland	60427594

Photo No.	Date:
13	5/19/15

Direction Photo Taken:

Southeast

Description:

View of three pole-mounted transformers located within the southern grass-covered portion of the subject property.

Photo No.	Date:
14	5/19/15

Direction Photo Taken:

East

Description:

View of the portable septic system associated with the Dvorak construction trailer in the southern portion of the subject property.

AECOM

PHOTOGRAPHIC LOG

Client Name: Maryland Aviation Administration (MAA)	Site Location: Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland	Project No. 60427594

Photo No.	Date:
15	5/19/15

Direction Photo Taken:

East

Description:

View of the southern property boundary.

Photo No.	Date:
16	5/19/15

Direction Photo Taken:

West

Description:

View of the BWI trail entrance located along the southwestern property boundary.

Appendix B

Environmental Database Report

MAA Aviation Boulevard & Amtrak Way
Aviation Boulevard & Amtrak Way
Linthicum Heights, MD 21090

Inquiry Number: 4285187.2s
May 05, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

AVIATION BOULEVARD & AMTRAK WAY
LINTHICUM HEIGHTS, MD 21090

COORDINATES

Latitude (North):	39.1846000 - 39˚ 11' 4.56''
Longitude (West):	76.6910000 - 76˚ 41' 27.60''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	353946.5
UTM Y (Meters):	4338416.0
Elevation:	88 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	39076-B6 RELAY, MD
Most Recent Revision:	1974

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20110727, 20110630
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
AVIATION BOULEVARD & AMTRAK WAY
LINTHICUM HEIGHTS, MD 21090

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	NORTHROP GRUMMAN SYS	7323 AVIATION BLVD	RCRA-TSDF, CORRACTS, RCRA-LQG, TRIS, FINDS, MD...	Higher	44, 0.008, East
A2	NORTHROP GRUMMAN - B	7323 AVIATION BLVD.	MD ENG CONTROLS	Higher	44, 0.008, East
A3	BWI SITE	7323 AVIATION BOULEV	MD UST, MD Financial Assurance	Higher	44, 0.008, East
A4	NORTHROP-GRUMMAN	7323 AVIATION BLVD	MD OCPCASES	Higher	44, 0.008, East
A5	NORTHROP GRUMMAN - B	7323 AVIATION BLVD.	MD AST	Higher	44, 0.008, East
A6	BWI SITE	7323 AVIATION BLVD.	MD HIST UST	Higher	44, 0.008, East
A7	NORTHROP GRUMAN	7323 AVIATION BLVD	MD OCPCASES	Higher	63, 0.012, ENE
8	MD DEPT OF TRANSPORT	7201 CORPORATE CENTE	PA MANIFEST	Lower	1213, 0.230, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA generators list

RCRA-SQG ..... RCRA - Small Quantity Generators
RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

MD SHWS ..... Notice of Potential Hazardous Waste Sites

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

MD SWF/LF ..... Permitted Solid Waste Disposal Facilities

State and tribal leaking storage tank lists

MD HIST LUST ..... Recovery Sites
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

MD INST CONTROL ..... Voluntary Cleanup Program Applicants/Participants

State and tribal voluntary cleanup sites

MD VCP ..... Voluntary Cleanup Program Applicants/Participants
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

MD BROWNFIELDS ..... Eligible Brownfields Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
MD SWRCY ..... Recycling Directory
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
MD SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
MD UIC	Underground Injection Wells Database
MD DRYCLEANERS	Registered Drycleaning Facilities
MD NPDES	Wastewater Permit Listing
MD AIRS	Permit and Facility Information Listing
MD LEAD	Lead Inspection Database
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
MD COAL ASH	Coal Ash Disposal Site Listing
MD LRP	Land Restoration Program
PCB TRANSFORMER	PCB Transformer Registration Database
EPA WATCH LIST	EPA WATCH LIST
LEAD SMELTERS	Lead Smelter Sites
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE	Steam-Electric Plant Operation Data
PRP	Potentially Responsible Parties

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

MD RGA LUST	Recovered Government Archive Leaking Underground Storage Tank
MD RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
MD RGA LF	Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

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.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP GRUMMAN SYS	***7323 AVIATION BLVD***	***E 0 - 1/8 (0.008 mi.)***	***A1***	***8***

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: 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. 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). 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-TSDF list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP GRUMMAN SYS	***7323 AVIATION BLVD***	***E 0 - 1/8 (0.008 mi.)***	***A1***	***8***

Federal RCRA generators list

RCRA-LQG: 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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP GRUMMAN SYS	***7323 AVIATION BLVD***	***E 0 - 1/8 (0.008 mi.)***	***A1***	***8***

State and tribal leaking storage tank lists

MD OCPCASES: Cases monitored by the Oil Control Program.

A review of the MD OCPCASES list, as provided by EDR, and dated 12/31/2014 has revealed that there are 3 MD OCPCASES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP GRUMMAN SYS Date Closed: 06/01/2004 Date Closed: 10/24/2000 Date Closed: 02/11/1994 Facility Status: CLOSED Facility Id: 04-1165AA1 Facility Id: 01-0126AA1 Facility Id: 94-2129AA1	***7323 AVIATION BLVD***	***E 0 - 1/8 (0.008 mi.)***	***A1***	***8***
NORTHROP-GRUMMAN Date Closed: 03/21/1996 Facility Status: CLOSED Facility Id: 96-1830AA1	7323 AVIATION BLVD	E 0 - 1/8 (0.008 mi.)	A4	131
NORTHROP GRUMAN Date Closed: 07/16/2002 Facility Status: CLOSED Facility Id: 02-1165AA1	7323 AVIATION BLVD	ENE 0 - 1/8 (0.012 mi.)	A7	133

State and tribal registered storage tank lists

MD 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 MD UST list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 MD UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BWI SITE Tank Status: Currently In Use Tank Status: Permanently Out Of Use Facility Id: 7083	***7323 AVIATION BOULEV***	***E 0 - 1/8 (0.008 mi.)***	***A3***	***129***

MD 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 MD AST list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 MD AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP GRUMMAN - B Facility Id: 3546	7323 AVIATION BLVD.	E 0 - 1/8 (0.008 mi.)	A5	131

State and tribal institutional control / engineering control registries

MD ENG CONTROLS: 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.

A review of the MD ENG CONTROLS list, as provided by EDR, and dated 11/10/2008 has revealed that there is 1 MD ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP GRUMMAN - B	7323 AVIATION BLVD.	E 0 - 1/8 (0.008 mi.)	A2	129

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

MD HIST UST: Historical UST Registered Database.

A review of the MD HIST UST list, as provided by EDR, and dated 11/21/1996 has revealed that there is 1 MD HIST UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BWI SITE Facility Id: 3001076 Tank Status: CURRENTL	7323 AVIATION BLVD.	E 0 - 1/8 (0.008 mi.)	A6	132

Other Ascertainable Records

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

A review of the NY MANIFEST list, as provided by EDR, has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP GRUMMAN SYS	***7323 AVIATION BLVD***	***E 0 - 1/8 (0.008 mi.)***	***A1***	***8***

EXECUTIVE SUMMARY

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, has revealed that there are 2 PA MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP GRUMMAN SYS	***7323 AVIATION BLVD***	***E 0 - 1/8 (0.008 mi.)***	***A1***	***8***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MD DEPT OF TRANSPORT Generator EPA Id: MDP000013610	7201 CORPORATE CENTE	WNW 1/8 - 1/4 (0.230 mi.)	8	133

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP GRUMMAN SYS	***7323 AVIATION BLVD***	***E 0 - 1/8 (0.008 mi.)***	***A1***	***8***

2020 COR ACTION: The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

A review of the 2020 COR ACTION list, as provided by EDR, and dated 04/22/2013 has revealed that there is 1 2020 COR ACTION site within approximately 0.25 miles of the target property.

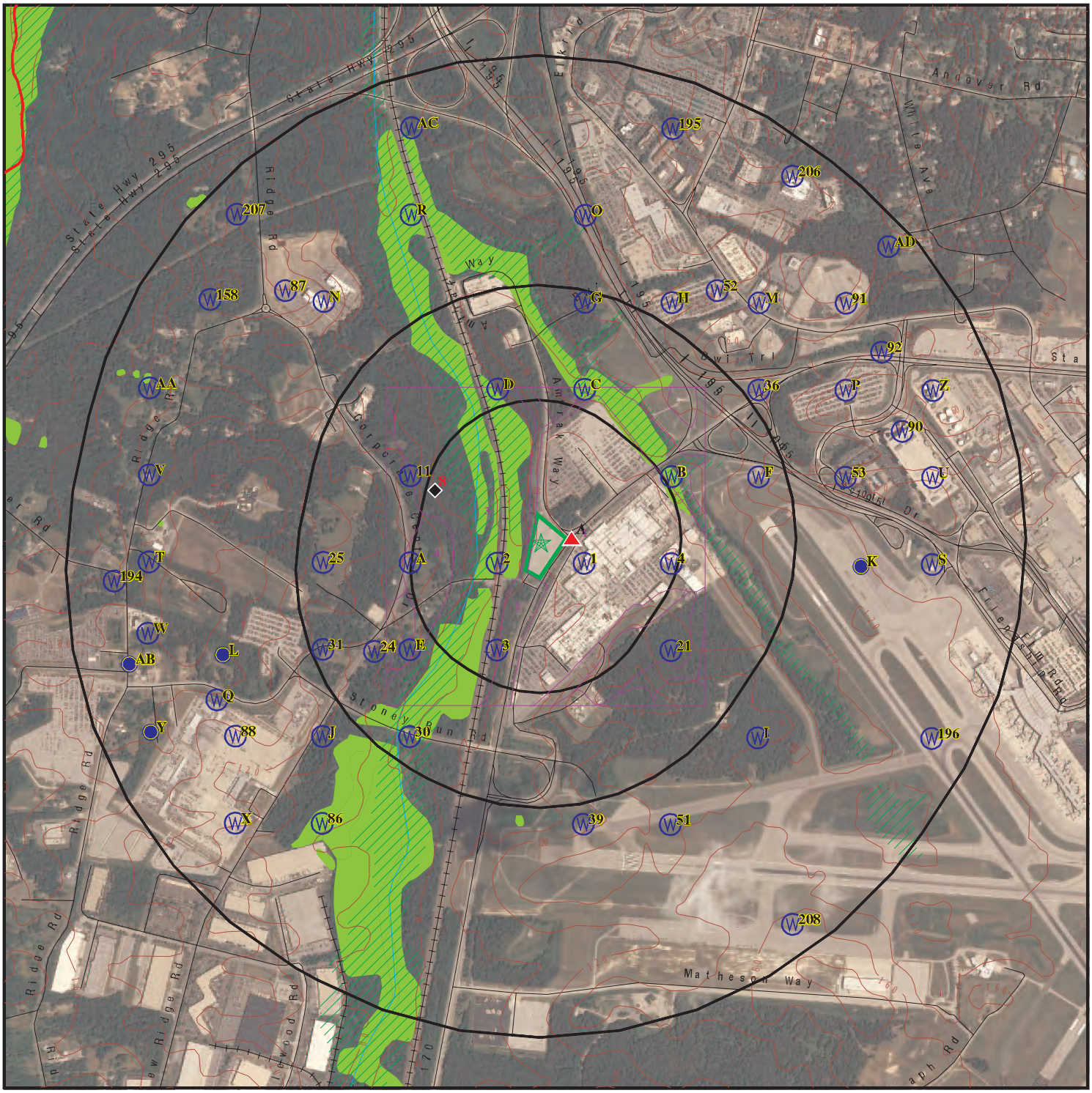
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP GRUMMAN SYS	***7323 AVIATION BLVD***	***E 0 - 1/8 (0.008 mi.)***	***A1***	***8***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 24 records.

Site Name	Database(s)
BWI FIRE & RESCUE	MD OCPCASES
WESTINGHOUSE/NORTHROP-GRUMMAN	MD OCPCASES
SIGNATURE FLIGHT SUPPORT	MD OCPCASES
BWI AIR TRAFFIC CONTROL TOWER	MD OCPCASES
THRIFTY CAR RENTAL	MD OCPCASES
SIGNATURE - FORMER TWA	MD OCPCASES
COLONIAL PIPELINE	MD OCPCASES
MD AVIATION ADMIN MAINTENANCE FACI	MD OCPCASES
UNITED AIRLINES AUTO SHOP	MD OCPCASES
RONNIE MAYBANK, DRIVER, PETRO EXPR	MD OCPCASES
CENTEX & CASCADE CONSTRUCTION	MD OCPCASES
BWI PAINT BOOTH	MD OCPCASES
BWI/HENSON AVIATION	MD OCPCASES
HERTZ RENT-A-CAR	MD OCPCASES
HENSON AIR -BWI BLDG 106	MD OCPCASES
WESTINGHOUSE/NORTHROP-GRUMMAN	MD OCPCASES
ALAMO CAR RENTAL - QTA	MD OCPCASES
BWI EXPANSION PROJECT INTERNATIONA	MD OCPCASES
BUDGET RENT-A-CAR	MD OCPCASES
NATIONAL CAR RENTAL	MD OCPCASES
BUDGET RENT A CAR	MD OCPCASES
MILLER TRUCKING RELEASE	MD OCPCASES
AA COUNTY FERNDALE YARD	MD OCPCASES
UNITED AIRLINES	MD OCPCASES

OVERVIEW MAP - 4285187.2S



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

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

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: MAA Aviation Boulevard & Amtrak Way	CLIENT: AECOM
ADDRESS: Aviation Boulevard & Amtrak Way Linthicum Heights MD 21090	CONTACT: Peter Pecora INQUIRY #: 4285187.2s
LAT/LONG: 39.1846 / 76.691	DATE: May 05, 2015 6:28 pm

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DETAIL MAP - 4285187.2S

0 1/16 1/8 1/4 Miles

- 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
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 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: MAA Aviation Boulevard & Amtrak Way	CLIENT: AECOM
ADDRESS: Aviation Boulevard & Amtrak Way Linthicum Heights MD 21090	CONTACT: Peter Pecora INQUIRY #: 4285187.2s
LAT/LONG: 39.1846 / 76.691	DATE: May 05, 2015 6:29 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		1	0	0	0	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		1	0	0	NR	NR	1
Federal RCRA generators list								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
MD SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
MD SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
MD OCPCASES	0.500		3	0	0	NR	NR	3
MD HIST LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
MD UST	0.250		1	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MD AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
MD ENG CONTROLS	0.500		1	0	0	NR	NR	1
MD INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
MD VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
MD BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
MD SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
MD HIST UST	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
MD SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	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
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
MD UIC	TP		NR	NR	NR	NR	NR	0
NY MANIFEST	0.250		1	0	NR	NR	NR	1
PA MANIFEST	0.250		1	1	NR	NR	NR	2
NJ MANIFEST	0.250		1	0	NR	NR	NR	1
MD DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MD NPDES	TP		NR	NR	NR	NR	NR	0
MD AIRS	TP		NR	NR	NR	NR	NR	0
MD LEAD	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
MD COAL ASH	0.500		0	0	0	NR	NR	0
MD LRP	0.500		0	0	0	NR	NR	0
MD Financial Assurance	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		1	0	NR	NR	NR	1
PRP	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
MD RGA LUST	TP		NR	NR	NR	NR	NR	0
MD RGA HWS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MD RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		0	14	1	0	0	0	15

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1	**NORTHROP GRUMMAN SYSTEMS CORPORATION**	**RCRA-TSDF**	**1000181471**
East	**7323 AVIATION BLVD**	**CORRACTS**	**21090LCTRNROUTE**
< 1/8	**LINTHICUM, MD**	**RCRA-LQG**	
0.008 mi.		**TRIS**	
44 ft.	**Site 1 of 7 in cluster A**	**FINDS**	
		MD OCPCASES	
Relative:		**NJ MANIFEST**	
Higher		**PA MANIFEST**	
		NY MANIFEST	
Actual:		**US FIN ASSUR**	
101 ft.		**US AIRS**	
		2020 COR ACTION	
		MD Financial Assurance	

RCRA-TSDF:

Date form received by agency:	05/22/2014
Facility name:	NORTHROP GRUMMAN SYSTEMS CORPORATION
Facility address:	7323 AVIATION BLVD LINTHICUM, MD 21090
EPA ID:	MDD000619718
Mailing address:	AVIATION BLVD LINTHICUM, MD 21090
Contact:	PAUL A WIDMEYER
Contact address:	PO BOX 1693 MS1401 BALTIMORE, MD 21203
Contact country:	Not reported
Contact telephone:	(410) 765-4713
Contact email:	PAUL.WIDMEYER@NGC.COM
EPA Region:	03
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	NORTHROP GRUMMAN SYSTEMS CORPORATION
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	03/01/1996
Owner/Op end date:	Not reported
Owner/operator name:	NORTHROP GRUMMAN SYSTEMS CORP

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/1996
Owner/Op end date: Not reported

Owner/operator name: NORTHROP GRUMMAN SYSTEMS CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/1996
Owner/Op end date: Not reported

Owner/operator name: NORTHROP GRUMMAN SYSTEMS CORPORATION
Owner/operator address: FAIRVIEW PARK DRIVE
FALLS CHURCH, VA 22042
Owner/operator country: Not reported
Owner/operator telephone: (410) 765-4713
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/1996
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D012
. Waste name: ENDRIN
(1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN
O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D031
. Waste name: HEPTACHLOR (AND ITS EPOXIDE)

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: NITROBENZENE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: P018
. Waste name: BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

. Waste code: P081
. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U169
. Waste name: BENZENE, NITRO- (OR) NITROBENZENE (I,T)

. Waste code: U188
. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS,

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

. Waste code: U404
. Waste name: ETHANAMINE, N,N-DIETHYL- (OR) TRIETHYLAMINE

. Waste code: M001
. Waste name: DESCRIPTION

. Waste code: MT01
. Waste name: DESCRIPTION

. Waste code: MX01
. Waste name: DESCRIPTION

Historical Generators:
Date form received by agency: 10/18/2010
Site name: NORTHROP GRUMMAN SYSTEMS CORPORATION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D012
. Waste name: ENDRIN

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

(1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN
O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D031
. Waste name: HEPTACHLOR (AND ITS EPOXIDE)

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U169
. Waste name: BENZENE, NITRO- (OR) NITROBENZENE (I,T)

. Waste code: U188
. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

. Waste code: U404
. Waste name: ETHANAMINE, N,N-DIETHYL- (OR) TRIETHYLAMINE

. Waste code: M001
. Waste name: DESCRIPTION

. Waste code: MT01
. Waste name: DESCRIPTION

. Waste code: MX01
. Waste name: DESCRIPTION

Date form received by agency: 03/25/2008
Site name: NORTHROP GRUMMAN SYSTEMS CORPORATION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D012
. Waste name: ENDRIN
(1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN
O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D031
. Waste name: HEPTACHLOR (AND ITS EPOXIDE)

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D037

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS,

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

(E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

. Waste code: U404
. Waste name: ETHANAMINE, N,N-DIETHYL- (OR) TRIETHYLAMINE

. Waste code: M001
. Waste name: DESCRIPTION

. Waste code: MT01
. Waste name: DESCRIPTION

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: MX01
. Waste name: DESCRIPTION

Date form received by agency: 02/24/2006
Site name: NORTHROP GRUMMAN BWI
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D012
. Waste name: ENDRIN
(1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN
O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D031
. Waste name: HEPTACHLOR (AND ITS EPOXIDE)

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Date form received by agency: 02/17/2005
Site name: NORTHROP GRUMMAN ES BWI SITE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P010
. Waste name: ARSENIC ACID H3ASO4

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U021
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

. Waste code: U028

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U135
. Waste name: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U182

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

. Waste code: M001
. Waste name: DESCRIPTION

. Waste code: MT01
. Waste name: DESCRIPTION

. Waste code: MX01
. Waste name: DESCRIPTION

Date form received by agency: 02/17/2005
Site name: NORTHROP GRUMMAN ES BWI SITE
Classification: Large Quantity Generator

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P010
. Waste name: ARSENIC ACID H3ASO4

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U021
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U135
. Waste name: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

. Waste code: M001
. Waste name: DESCRIPTION

. Waste code: MT01
. Waste name: DESCRIPTION

. Waste code: MX01
. Waste name: DESCRIPTION

Date form received by agency: 02/17/2005
Site name: NORTHROP GRUMMAN ES BWI SITE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P010

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: ARSENIC ACID H3ASO4

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U021
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U135
. Waste name: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U188

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

. Waste code: M001
. Waste name: DESCRIPTION

. Waste code: MT01
. Waste name: DESCRIPTION

. Waste code: MX01
. Waste name: DESCRIPTION

Date form received by agency: 08/25/2004
Site name: NORTHROP GRUMMAN ES BWI SITE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P010
. Waste name: ARSENIC ACID H3ASO4

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U021
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U135
. Waste name: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

. Waste code: M001
. Waste name: DESCRIPTION

. Waste code: MT01
. Waste name: DESCRIPTION

. Waste code: MX01
. Waste name: DESCRIPTION

Date form received by agency: 02/27/2004
Site name: NORTHROP GRUMMAN ES BWI SITE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P022

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

. Waste code: M001
. Waste name: DESCRIPTION

. Waste code: MT01
. Waste name: DESCRIPTION

. Waste code: MX01
. Waste name: DESCRIPTION

Date form received by agency: 02/25/2002
Site name: NORTHROP GRUMMAN ES BWI SITE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P022

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. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

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. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

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. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

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. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

. Waste code: M001
. Waste name: DESCRIPTION

. Waste code: MT01
. Waste name: DESCRIPTION

. Waste code: MX01
. Waste name: DESCRIPTION

Date form received by agency: 02/28/2000
Site name: NORTHROP GRUMMAN BWI SITE
Classification: Large Quantity Generator

Date form received by agency: 02/17/1998
Site name: NORTHROP GRUMMAN BWI SITE
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Site name: NORTHROP GRUMMAN ES BWI SITE
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008

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. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED

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IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008

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. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F010
. Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F011
. Waste name: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

. Waste code: F012
. Waste name: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F017
. Waste name: Not Defined

. Waste code: F018
. Waste name: Not Defined

. Waste code: P010
. Waste name: ARSENIC ACID H3ASO4

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P019
. Waste name: Not Defined

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

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. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U021
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

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. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U135
. Waste name: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

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. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U227
. Waste name: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

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. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

Date form received by agency: 03/01/1996
Site name: NORTHROP GRUMMAN ES BWI SITE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P010
. Waste name: ARSENIC ACID H3ASO4

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P022

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste name: CARBON DISULFIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U021
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

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. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U135
. Waste name: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

Date form received by agency: 02/29/1996
Site name: WESTINGHOUSE BWI SITE
Classification: Large Quantity Generator

Date form received by agency: 02/10/1994
Site name: WESTINGHOUSE ELECTRIC CORP - BWI SITE
Classification: Large Quantity Generator

Date form received by agency: 02/26/1992
Site name: WESTINGHOUSE ELECTRIC CORP, BWI SITE
Classification: Large Quantity Generator

Date form received by agency: 03/26/1990
Site name: WESTINGHOUSE ELECTRIC CORP.- ELECTRONIC
Classification: Large Quantity Generator

Date form received by agency: 12/05/1980
Site name: NORTHROP GRUMMAN BWI SITE
Classification: Not a generator, verified

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: D011
. Waste name: SILVER

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F010
. Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F012
. Waste name: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F017
. Waste name: Not Defined

. Waste code: F018
. Waste name: Not Defined

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

Corrective Action Summary:

Event date: 06/15/1987
Event: RFA Completed

Event date: 11/01/1991
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 06/16/2010
Event: RFI Imposition

Event date: 12/30/2010
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 12/30/2010
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

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Event date: 03/07/2011
Event: CA900NC

Event date: 03/07/2011
Event: CA800YE

Event date: 03/07/2011
Event: Corrective Action Process Terminated, No Further Action

Event date: 03/07/2011
Event: Date For Remedy Selection (CM Imposed)

Event date: 03/07/2011
Event: CA550NR

Facility Has Received Notices of Violations:
Regulation violated: FR - 40cfr262.34(c)(1)(i)
Area of violation: Generators - Pre-transport
Date violation determined: 02/02/2005
Date achieved compliance: 04/29/2005
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40cfr262.34(c)(1)
Area of violation: Generators - Pre-transport
Date violation determined: 02/02/2005
Date achieved compliance: 04/29/2005
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40cfr262.34(c)(1)(ii)
Area of violation: Generators - Pre-transport
Date violation determined: 02/02/2005
Date achieved compliance: 04/29/2005
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Regulation violated:	SR - COMAR 26.13.05.09
Area of violation:	Generators - General
Date violation determined:	07/19/1994
Date achieved compliance:	08/05/1994
Violation lead agency:	State
Enforcement action:	WRITTEN COMPLAINT
Enforcement action date:	07/19/1994
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	SR - 268.50(a)(2)(i)&(ii)
Area of violation:	TSD - Container Use and Management
Date violation determined:	05/25/1993
Date achieved compliance:	07/19/1994
Violation lead agency:	State
Enforcement action:	Not reported
Enforcement action date:	Not reported
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	Not reported
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	SR - 26.13.03.05 E
Area of violation:	TSD - General
Date violation determined:	07/12/1990
Date achieved compliance:	08/10/1990
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	07/12/1990
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	Not reported
Area of violation:	TSD - General
Date violation determined:	03/21/1990
Date achieved compliance:	08/10/1990
Violation lead agency:	State
Enforcement action:	VERBAL INFORMAL
Enforcement action date:	03/21/1990
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Area of violation: LDR - General
Date violation determined: 09/07/1989
Date achieved compliance: 07/12/1990
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 09/07/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - COMAR 26.13.03.05E
Area of violation: TSD - General
Date violation determined: 09/07/1989
Date achieved compliance: 09/07/1989
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 09/07/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 09/23/1988
Date achieved compliance: 10/21/1988
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 09/23/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 07/07/1987
Date achieved compliance: 09/24/1987
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 07/07/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/04/2014

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/29/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/02/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/29/2005
Evaluation lead agency: EPA

Evaluation date: 02/23/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/12/1998
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/06/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/05/1994
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/19/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 07/19/1994
Evaluation lead agency: State

Evaluation date: 07/19/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/05/1994

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Evaluation lead agency: State

Evaluation date: 05/25/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 07/19/1994
Evaluation lead agency: State

Evaluation date: 09/28/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/10/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/12/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/10/1990
Evaluation lead agency: State

Evaluation date: 03/21/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/10/1990
Evaluation lead agency: State

Evaluation date: 09/07/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/07/1989
Evaluation lead agency: State

Evaluation date: 09/07/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/12/1990
Evaluation lead agency: State

Evaluation date: 09/23/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/21/1988
Evaluation lead agency: State

Evaluation date: 09/24/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/07/1987

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/24/1987
Evaluation lead agency: State

CORRACTS:

EPA ID: MDD000619718
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 19911101
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 334511
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MDD000619718
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20110307
Action: CA550NR
NAICS Code(s): 334511
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MDD000619718
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20110307
Action: CA900NC
NAICS Code(s): 334511
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MDD000619718
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20110307
Action: CA800YE
NAICS Code(s): 334511
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MDD000619718
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20110307
Action: CA999NF - Corrective Action Process Terminated, No Further Action

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

NAICS Code(s): 334511
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MDD000619718
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20110307
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 334511
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MDD000619718
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 19870615
Action: CA050 - RFA Completed
NAICS Code(s): 334511
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MDD000619718
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20100616
Action: CA100 - RFI Imposition
NAICS Code(s): 334511
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MDD000619718
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20101230
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 334511
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MDD000619718
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20101230
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

NAICS Code(s): 334511
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

TRIS:

Click this hyperlink while viewing on your computer to access
1 additional US_TRIS: record(s) in the EDR Site Report.

FINDS:

Registry ID: 110000339526

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

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.

AIR SYNTHETIC MINOR

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

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

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

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 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 it 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.

OCPCASES:

Facility ID:	04-1165AA1
Facility Status/Code:	CLOSED/Registration - Commercial Oil
Date Open:	12/18/2003
Date Closed:	06/01/2004
Release:	YES
Cleanup:	NO
Registration Number:	7083

Facility ID:	01-0126AA1
Facility Status/Code:	CLOSED/Aboveground Tank Leak
Date Open:	07/28/2000
Date Closed:	10/24/2000
Release:	YES
Cleanup:	NO
Registration Number:	Not reported

Facility ID:	94-2129AA1
Facility Status/Code:	CLOSED/
Date Open:	02/11/1994
Date Closed:	02/11/1994
Release:	Not reported
Cleanup:	Not reported
Registration Number:	7083

Facility ID:	94-2129AA1
Facility Status/Code:	CLOSED/
Date Open:	02/11/1994

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Date Closed:	02/11/1994
Release:	Not reported
Cleanup:	Not reported
Registration Number:	7083

NJ MANIFEST:

EPA Id:	MDD000619718
Mail Address:	P.O. BOX 1693; MS 980
Mail City/State/Zip:	BALTIMORE, MD 21203
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THERESA B MYERS
Comments:	Not reported
SIC Code:	Not reported
County:	MD003
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	000095742VES
EPA ID:	MDD000619718
Date Shipped:	04/13/2007
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/13/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/13/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	2007 New Jersey Manifest Data
Waste Code:	D002
Hand Code:	H08
Quantity:	3175 G

Manifest Number:	000325466VES
EPA ID:	MDD000619718
Date Shipped:	07/06/2009
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/06/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/06/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	2009 New Jersey Manifest Data
Waste Code:	D002
Hand Code:	H141

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Quantity:	3300 G

Manifest Number:	000095739VES
EPA ID:	MDD000619718
Date Shipped:	04/12/2007
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/12/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/12/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	2007 New Jersey Manifest Data
Waste Code:	D002
Hand Code:	H12
Quantity:	1892 G

Manifest Number:	000207257VES
EPA ID:	MDD000619718
Date Shipped:	07/15/2009
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	NJD071629976
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/15/2009
Date Trans2 Transported Waste:	07/29/2009
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/29/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	2009 New Jersey Manifest Data
Waste Code:	D002
Hand Code:	H141
Quantity:	4000 P

Manifest Number:	NJA5074527
EPA ID:	MDD000619718
Date Shipped:	01/15/2004
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/15/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/15/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03080421
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5260651
EPA ID:	MDD000619718
Date Shipped:	07/14/2005
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/14/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/15/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Data Entry Number:	08220521
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5260652
EPA ID:	MDD000619718
Date Shipped:	07/14/2005
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/14/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/14/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	08250521
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported
Manifest Number:	000115966VES
EPA ID:	MDD000619718
Date Shipped:	10/25/2007
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Date Trans1 Transported Waste:	10/25/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/25/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Manifest Number:	000172185VES
EPA ID:	MDD000619718
Date Shipped:	08/25/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/25/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/02/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	2008 New Jersey Manifest Data
Waste Code:	D002
Hand Code:	H141
Quantity:	17600 P

Manifest Number:	NJA5201860
EPA ID:	MDD000619718
Date Shipped:	08/19/2004
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/19/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/19/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	09150422
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5202136

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

EPA ID:	MDD000619718
Date Shipped:	09/30/2004
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/30/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/30/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11030425
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5226437
EPA ID:	MDD000619718
Date Shipped:	06/29/2006
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/29/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/29/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	08040621
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Manifest Number:	000326633VES
EPA ID:	MDD000619718
Date Shipped:	07/17/2009
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	NJD071629976
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/17/2009
Date Trans2 Transported Waste:	07/24/2009
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/24/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	2009 New Jersey Manifest Data
Waste Code:	D002
Hand Code:	H141
Quantity:	2000 P
Manifest Year:	2009 New Jersey Manifest Data
Waste Code:	D002
Hand Code:	H141
Quantity:	3200 P

Manifest Number:	NJA5204358
EPA ID:	MDD000619718
Date Shipped:	03/17/2005
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/17/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/17/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04130535
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported
Manifest Number:	000095740VES

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

EPA ID:	MDD000619718
Date Shipped:	04/12/2007
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/12/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/12/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	2007 New Jersey Manifest Data
Waste Code:	D002
Hand Code:	H08
Quantity:	2600 G

Manifest Number:	NJA5204360
EPA ID:	MDD000619718
Date Shipped:	10/14/2004
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/14/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/14/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	12060425
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5321424
EPA ID:	MDD000619718
Date Shipped:	08/22/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	NJD000692061
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/22/2006
Date Trans2 Transported Waste:	08/25/2006
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/05/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	09280622
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5074528
EPA ID:	MDD000619718
Date Shipped:	01/15/2004
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/15/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/15/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03080421
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5023660
EPA ID:	MDD000619718
Date Shipped:	05/20/2004
TSDF EPA ID:	NJD002385730
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/20/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/20/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05280425
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5321210
EPA ID:	MDD000619718
Date Shipped:	05/30/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	NJD000692061
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/30/2006
Date Trans2 Transported Waste:	05/31/2006
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Date TSDF Received Waste:	06/02/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	07200621
Was Load Rejected:	BALTIMORE, MD 21203
Reason Load Was Rejected:	Not reported

Manifest Details:

Year:	2013
Manifest Number:	006735964FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	08/20/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	3
Waste Number:	F006
Container Number:	2
Container Type:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	2035
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006451145FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	03/12/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	F006
Container Number:	2
Container Type:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	1390
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported
Year:	2013
Manifest Number:	006451179FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	06/06/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D006
Container Number:	3
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	224
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported
Year:	2013
Manifest Number:	006451145FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	03/12/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	2
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	100
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006735993FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	10/16/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	3
Waste Number:	D006
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	63
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006451125FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	01/29/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Line Number:	2
Waste Number:	F007
Container Number:	3
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	1386
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006735964FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	08/20/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D006
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	91
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006735964FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	08/20/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	F006
Container Number:	2

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	985
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006735993FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	10/16/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	3
Waste Number:	D008
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	63
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006451179FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	06/06/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	F006
Container Number:	2
Container Type:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	2623
Unit:	Pounds

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006735964FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	08/20/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	91
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006451125FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	01/29/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D003
Container Number:	10
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	4620
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Year:	2013
Manifest Number:	006735993FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	10/16/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D011
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	67
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006451179FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	06/06/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	3
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	224
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006451145FLE
Manifest Type:	TSD Copy

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Generator EPA Id:	MDD000619718
Generator Date:	03/12/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D006
Container Number:	2
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	100
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006735993FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	10/16/2013
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	F006
Container Number:	2
Container Type:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	1090
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2013
Manifest Number:	006451125FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	01/29/2013
Mailing Address:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Abington Reldan Metals LLC
TSD Facility Address:	550 Old Bordentown Rd
TSD Facility City:	Fairless Hills
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	F007
Container Number:	10
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	4620
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2012
Manifest Number:	005055400FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	07/19/2012
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	ABINGTON RELDAN METALS LLC
TSD Facility Address:	550 BORDENTOWN RD
TSD Facility City:	FAIRLESS HILLS
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D006
Container Number:	2
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	110
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2012
Manifest Number:	006451113FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	12/20/2012
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	ABINGTON RELDAN METALS LLC
TSD Facility Address:	550 BORDENTOWN RD
TSD Facility City:	FAIRLESS HILLS
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D006
Container Number:	2
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	107
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Year:	2012
Manifest Number:	005055400FLE
Manifest Type:	TSD Copy
Generator EPA Id:	MDD000619718
Generator Date:	07/19/2012
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	410-993-6860
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	ABINGTON RELDAN METALS LLC
TSD Facility Address:	550 BORDENTOWN RD
TSD Facility City:	FAIRLESS HILLS
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	2
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	110
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAR000521294
Date TSP Sig:	Not reported

Click this hyperlink while viewing on your computer to access
91 additional PA_MANIFEST: record(s) in the EDR Site Report.

NY MANIFEST:

EPA ID:	MDD000619718
Country:	USA
Location Address 1:	7323 AVIATION BLVD
Location Address 2:	Not reported
Location City:	LINTHICUM
Location State:	MD
Location Zip Code:	21090
Location Zip Code 4:	Not reported

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Mailing Info:

Name:	NORTHROP GRUMMAN - ESS BWI
Contact:	THERESA M BENZING
Address:	PO BOX 746 MS M-31
City/State/Zip:	BALTIMORE, MD 21203
Country:	USA
Phone:	410-993-6860

Manifest:

Document ID:	NYB9651069
Manifest Status:	Not reported
Trans1 State ID:	T65E6YNJ
Trans2 State ID:	Not reported
Generator Ship Date:	07/18/2002
Trans1 Recv Date:	07/18/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/25/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NJD000692061
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00075
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00300
Units:	P - Pounds
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYB8955486
Manifest Status:	Not reported
Trans1 State ID:	NJDEP5016
Trans2 State ID:	Not reported
Generator Ship Date:	02/24/1999
Trans1 Recv Date:	02/24/1999
Trans2 Recv Date:	03/06/1999
TSD Site Recv Date:	03/08/1999

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NJD080631369
Trans2 EPA ID:	NJD000692061
TSDF ID:	NYD049836679
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	1999

Document ID:	NYB9652635
Manifest Status:	Not reported
Trans1 State ID:	PAAH0104
Trans2 State ID:	Not reported
Generator Ship Date:	10/08/2002
Trans1 Recv Date:	10/08/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/14/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NJD000692061
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00800
Units:	P - Pounds
Number of Containers:	004
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYB9652635
Manifest Status:	Not reported
Trans1 State ID:	PAAH0104
Trans2 State ID:	Not reported
Generator Ship Date:	10/08/2002
Trans1 Recv Date:	10/08/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/14/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NJD000692061
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYB9330363
Manifest Status:	Not reported
Trans1 State ID:	PAAH0500
Trans2 State ID:	T9K702NJP
Generator Ship Date:	01/29/2002
Trans1 Recv Date:	01/29/2002
Trans2 Recv Date:	02/01/2002
TSD Site Recv Date:	02/05/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NJD080631369
Trans2 EPA ID:	NJD000692061
TSDF ID:	NYD049836679
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00600
Units:	P - Pounds
Number of Containers:	004
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2002

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Document ID:	NYB8825382
Manifest Status:	Not reported
Trans1 State ID:	NJDEP5016
Trans2 State ID:	T247UGNJ
Generator Ship Date:	04/13/1998
Trans1 Recv Date:	04/13/1998
Trans2 Recv Date:	04/20/1998
TSD Site Recv Date:	04/21/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NJD080631369
Trans2 EPA ID:	NJD054126164
TSDF ID:	NYD049836679
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	1998

Document ID:	NYA1308762
Manifest Status:	Completed copy
Trans1 State ID:	NYT78456
Trans2 State ID:	NYT78456
Generator Ship Date:	11/10/1986
Trans1 Recv Date:	11/10/1986
Trans2 Recv Date:	/ /
TSD Site Recv Date:	11/11/1986
Part A Recv Date:	11/14/1986
Part B Recv Date:	12/01/1986
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NYD051809952
Trans2 EPA ID:	Not reported
TSDF ID:	NYD043815703
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	04845
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	090
Year:	1986

Document ID:	NYA3938310
Manifest Status:	Completed copy
Trans1 State ID:	NYU-66102
Trans2 State ID:	Not reported
Generator Ship Date:	04/10/1986
Trans1 Recv Date:	04/10/1986
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/14/1986
Part A Recv Date:	04/14/1986

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Part B Recv Date:	04/18/1986
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NYD051809952
Trans2 EPA ID:	Not reported
TSDF ID:	NYD043815703
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	05000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	1986

Document ID:	NYA3938332
Manifest Status:	Completed copy
Trans1 State ID:	T78456
Trans2 State ID:	Not reported
Generator Ship Date:	08/13/1986
Trans1 Recv Date:	08/13/1986
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/15/1986
Part A Recv Date:	08/18/1986
Part B Recv Date:	08/26/1986
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NYD051809952
Trans2 EPA ID:	Not reported
TSDF ID:	NYD043815703
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	03700
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	085
Year:	1986

Document ID:	NYA1308663
Manifest Status:	Completed copy
Trans1 State ID:	U-65882(N
Trans2 State ID:	Not reported
Generator Ship Date:	04/19/1985
Trans1 Recv Date:	04/19/1985
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/20/1985
Part A Recv Date:	04/26/1985
Part B Recv Date:	04/30/1985
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD043815703
Waste Code:	F001 - UNKNOWN
Quantity:	04500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Container Type:	TT - Cargo tank, tank trucks
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	1985

Document ID:	NYA3938321
Manifest Status:	Completed copy
Trans1 State ID:	NYT62066
Trans2 State ID:	Not reported
Generator Ship Date:	04/16/1986
Trans1 Recv Date:	04/16/1986
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/18/1986
Part A Recv Date:	04/24/1986
Part B Recv Date:	04/25/1986
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NYD097644801
Trans2 EPA ID:	Not reported
TSDF ID:	NYD043815703
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	05000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	085
Year:	1986

Document ID:	NYA1308672
Manifest Status:	Completed copy
Trans1 State ID:	U-65882(N
Trans2 State ID:	Not reported
Generator Ship Date:	05/06/1985
Trans1 Recv Date:	05/06/1985
Trans2 Recv Date:	/ /
TSD Site Recv Date:	05/06/1985
Part A Recv Date:	05/21/1985
Part B Recv Date:	05/13/1985
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD043815703
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	04555
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	1985

Document ID:	NYB9239544
Manifest Status:	Not reported
Trans1 State ID:	ILP207078

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Trans2 State ID:	PAAH0104
Generator Ship Date:	03/02/2001
Trans1 Recv Date:	03/02/2001
Trans2 Recv Date:	03/06/2001
TSD Site Recv Date:	03/12/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NJD080631369
Trans2 EPA ID:	NJD000692061
TSDF ID:	NYD049836679
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00400
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Waste Code:	D007 - CHROMIUM 5.0 MG/L TCLP
Quantity:	00600
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYB9239571
Manifest Status:	Not reported
Trans1 State ID:	207076IL
Trans2 State ID:	T9Y276NJ
Generator Ship Date:	05/29/2001
Trans1 Recv Date:	05/29/2001
Trans2 Recv Date:	05/31/2001
TSD Site Recv Date:	06/04/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NJD080631369
Trans2 EPA ID:	NJD000692061
TSDF ID:	NYD049836679
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00450
Units:	P - Pounds
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYB9239643
Manifest Status:	Not reported
Trans1 State ID:	P207001IL
Trans2 State ID:	PAAH0104
Generator Ship Date:	08/20/2001

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Trans1 Recv Date:	08/20/2001
Trans2 Recv Date:	08/22/2001
TSD Site Recv Date:	08/30/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NJD080631369
Trans2 EPA ID:	NJD000692061
TSDF ID:	NYD049836679
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	01250
Units:	P - Pounds
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYB9330606
Manifest Status:	Not reported
Trans1 State ID:	PAAH0500
Trans2 State ID:	T72E6YNJP
Generator Ship Date:	11/09/2001
Trans1 Recv Date:	11/09/2001
Trans2 Recv Date:	11/14/2001
TSD Site Recv Date:	11/19/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NJD080631369
Trans2 EPA ID:	NJD000692061
TSDF ID:	NYD049836679
Waste Code:	D007 - CHROMIUM 5.0 MG/L TCLP
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	01000
Units:	P - Pounds
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYA3544672
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	618-TTPNJ
Trans2 State ID:	Not reported
Generator Ship Date:	01/06/1986
Trans1 Recv Date:	01/06/1986
Trans2 Recv Date:	/ /

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

TSD Site Recv Date:	01/08/1986
Part A Recv Date:	02/12/1986
Part B Recv Date:	01/16/1986
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	DCD981035504
Trans2 EPA ID:	Not reported
TSDF ID:	NYD043815703
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	05000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	1986

Document ID:	NYA1308798
Manifest Status:	Completed copy
Trans1 State ID:	U-65882(N
Trans2 State ID:	Not reported
Generator Ship Date:	05/31/1985
Trans1 Recv Date:	05/31/1985
Trans2 Recv Date:	/ /
TSD Site Recv Date:	06/03/1985
Part A Recv Date:	06/11/1985
Part B Recv Date:	06/13/1985
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD043815703
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	03772
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1985

Document ID:	NYO1048203
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NY1A041
Trans2 State ID:	Not reported
Generator Ship Date:	01/20/1983
Trans1 Recv Date:	01/20/1983
Trans2 Recv Date:	/ /
TSD Site Recv Date:	01/20/1983
Part A Recv Date:	03/30/2003
Part B Recv Date:	03/30/2003
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NYD075788851
Trans2 EPA ID:	NYD037056132
TSDF ID:	NYD000632232
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	05460

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1983

Document ID:	NYA1624959
Manifest Status:	Completed copy
Trans1 State ID:	T62066NY
Trans2 State ID:	Not reported
Generator Ship Date:	11/26/1984
Trans1 Recv Date:	11/26/1984
Trans2 Recv Date:	/ /
TSD Site Recv Date:	11/26/1984
Part A Recv Date:	12/03/1984
Part B Recv Date:	12/07/1984
Generator EPA ID:	MDD000619718
Trans1 EPA ID:	NYD097644801
Trans2 EPA ID:	Not reported
TSDF ID:	NYD043815703
Waste Code:	F001 - UNKNOWN
Quantity:	04000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1984

US FIN ASSUR:

EPA ID:	MDD000619718
Provider:	COMMERCE AND INDUSTRY INSURANCE COMPANY
EPA region:	3
County:	ANNE ARUNDEL
Mechanism type:	INSURANCE
Mechanism ID:	RMGL 270 5002
Cost estimate:	2000000
Face value:	2000000
Effective date:	3/1/2012

EPA ID:	MDD000619718
Provider:	COMMERCE AND INDUSTRY INSURANCE COMPANY
EPA region:	3
County:	ANNE ARUNDEL
Mechanism type:	INSURANCE
Mechanism ID:	RMGL 964 5366
Cost estimate:	2000000
Face value:	2000000
Effective date:	3/1/2013

EPA ID:	MDD000619718
Provider:	NATIONAL UNION FIRE INSURANCE CO.
EPA region:	3
County:	ANNE ARUNDEL
Mechanism type:	INSURANCE

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Mechanism ID:	RMGL 187-21-27
Cost estimate:	221926
Face value:	1554524
Effective date:	3/1/2009

EPA ID:	MDD000619718
Provider:	NATIONAL UNION FIRE INSURANCE CO.
EPA region:	3
County:	ANNE ARUNDEL
Mechanism type:	INSURANCE
Mechanism ID:	RMGL 270 5000
Cost estimate:	261618
Face value:	1446706
Effective date:	3/1/2012

EPA ID:	MDD000619718
Provider:	NATIONAL UNION FIRE INSURANCE CO.
EPA region:	3
County:	ANNE ARUNDEL
Mechanism type:	INSURANCE
Mechanism ID:	RMGL 436-10-96
Cost estimate:	259028
Face value:	1432382
Effective date:	3/1/2011

EPA ID:	MDD000619718
Provider:	NATIONAL UNION FIRE INSURANCE CO.
EPA region:	3
County:	ANNE ARUNDEL
Mechanism type:	INSURANCE
Mechanism ID:	RMGL 964 5364
Cost estimate:	266850
Face value:	1475640
Effective date:	3/1/2013

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID:	110000339526
Plant name:	NORTHROP-GRUMMAN - BWI
Plant address:	7323 AVIATION BOULEVARD LINTHICUM, MD 21090
County:	ANNE ARUNDEL
Region code:	03
Dunn & Bradst #:	Not reported
Air quality cntrl region:	115
Sic code:	3812
Sic code desc:	SEARCH AND NAVIGATIONAL EQUIPMENT (1987)
North Am. industrial classf:	334511
NAIC code description:	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE REGULATIONS OR LIMITATIONS.
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT

NORTHROP GRUMMAN SYSTEMS CORPORATION (Continued) **1000181471**

Current HPV: Not reported

2020 COR ACTION:
EPA ID: MDD000619718
Region: 3
Action: Not reported

Financial Assurance 1:
EPA Id: MDD000619718
Type Of Mechanism: Insurance
Coverage: Closure
Amount Of Coverage: 266,850

Detail as of 2007:
EPA ID Number: MDD000619718
Location Name: Electronic Sys. Sec.BWI Facility
Type of Mechanism: Certificate of Insurance
Name of Issuer: Commerce and Industries Insurance Co.
Issuer Address: 70 Pine Street
Issuer City,State,Zip: New York, NY 10270
Amount of Coverage: $209,777.00
Coverage: Closure
Region: 1
Effective or Period of Coverage: 03/01/2006

A2 **NORTHROP GRUMMAN - BWI SITE** **MD ENG CONTROLS** **S109326126**
East **7323 AVIATION BLVD.** **N/A**
< 1/8 **ANNE ARUNDEL, MD 21090**
0.008 mi.
44 ft. **Site 2 of 7 in cluster A**

Relative:
Higher

Actual:
101 ft.

ENG CONTROLS:
Material: Double Walled

Material: Not reported

Material: Steel

Material: Poured Concrete Wall

A3 **BWI SITE** **MD UST** **U003753620**
East **7323 AVIATION BOULEVARD** **MD Financial Assurance** **N/A**
< 1/8 **LINTHICUM HEIGHTS, MD 21090**
0.008 mi.
44 ft. **Site 3 of 7 in cluster A**

Relative:
Higher

Actual:
101 ft.

UST:
Facility Id: 7083
Oper Name: Jay Tolle
Form Name: Jay Tolle
Form Title: Manager, Env. Programs
Form Date: 04/14/2010
Owner Id: 4198

BWI SITE (Continued) **U003753620**

Owner:

Owner Name:	Northrop Grumman Systems Corporation
Owner Address:	Post Office Box 17319 MS A270
Owner City:	Baltimore
Owner State:	MD
Owner Zip:	21203
Owner Phone:	(410) 765-4085
Owner Contact:	Alison Woudstra

Tanks:

Tank ID:	1
Tank Status:	**Currently In Use**
Tank Capacity:	30000
Substance Description:	Heating Oil
Tank Compartment:	False
Compartment Compartment:	A
Date Intalled:	01/01/1954
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

Tank ID:	2
Tank Status:	**Currently In Use**
Tank Capacity:	30000
Substance Description:	Heating Oil
Tank Compartment:	False
Compartment Compartment:	A
Date Intalled:	01/01/1954
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

Tank ID:	3
Tank Status:	**Currently In Use**
Tank Capacity:	30000
Substance Description:	Heating Oil
Tank Compartment:	False
Compartment Compartment:	A
Date Intalled:	01/01/1958
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

Tank ID:	4
Tank Status:	**Permanently Out Of Use**
Tank Capacity:	3000
Substance Description:	Heating Oil
Tank Compartment:	False
Compartment Compartment:	A
Date Intalled:	01/01/1968
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

MD Financial Assurance 2:

Region:	2
Facility ID:	7083
Self Insured:	False
Insurance:	True

BWI SITE (Continued) **U003753620**

Risk Retention Group: False
Guarantee: False
Surety Bonds: False
Letter of Credit: False
State Fund: False
Other Finance: False
Finacnce Comments: Commercial Insurance Policy#818-9419American International Specialty Lines Ins. Co. Broker=Johnson & Higgins310-552-5939 c/o David Banks
FR Not Listed: False

A4
East
< 1/8
0.008 mi.
44 ft.

NORTHROP-GRUMMAN **MD OCPCASES** **S104599297**
7323 AVIATION BLVD **N/A**
BALTIMORE, MD 21240

Site 4 of 7 in cluster A

Relative:
Higher

Actual:
101 ft.

OCPCASES:
Facility ID: 96-1830AA1
Facility Status/Code: CLOSED/Tank Closure - Commercial Heating Oil
Date Open: 03/21/1996
Date Closed: 03/21/1996
Release: Not reported
Cleanup: Not reported
Registration Number: 7083

A5
East
< 1/8
0.008 mi.
44 ft.

NORTHROP GRUMMAN - BWI SITE **MD AST** **A100319905**
7323 AVIATION BLVD. **N/A**
LINTHICUM, MD 21090

Site 5 of 7 in cluster A

Relative:
Higher

Actual:
101 ft.

Facility Id: 3546
Bill Name: NORTHROP GRUMMAN SYSTEMS CORP.
Bill Addr: P.O. BOX 1693; MS-980
Bill Addr2: Not reported
Bill City/State/Zip: BALTIMORE, MD 21203
Bill Phone: 4109936860
Owner: NORTHROP GRUMMAN SYSTEMS CORP.
Owner Address: P.O. BOX 1693; MS-980
Owner City State Zip: BALTIMORE, MD 21203

Tanks:
Tank ID: 1
Capacity: 700
Product: HEATING OIL - #2

Tank ID: 10
Capacity: 25000
Product: AVIATION GASOLINE

Tank ID: 11
Capacity: 200
Product: GASOLINE

NORTHROP GRUMMAN - BWI SITE (Continued) **A100319905**

Tank ID: 2
Capacity: 500
Product: HEATING OIL - #2

Tank ID: 3
Capacity: 285
Product: HEATING OIL - #2

Tank ID: 4
Capacity: 300
Product: HEATING OIL - #2

Tank ID: 5
Capacity: 500
Product: HEATING OIL - #2

Tank ID: 6
Capacity: 275
Product: HEATING OIL - #2

Tank ID: 7
Capacity: 6000
Product: HEATING OIL - #2

Tank ID: 8
Capacity: 127
Product: HEATING OIL - #2

Tank ID: 9
Capacity: 200
Product: HEATING OIL - #2

A6 **BWI SITE** **MD HIST UST** **S104629185**
East **7323 AVIATION BLVD.** **N/A**
< 1/8 **LINTHICUM HEIGHTS, MD 21090**
0.008 mi.
44 ft. **Site 6 of 7 in cluster A**

Relative:
Higher

Actual:
101 ft.

Historical UST:
Facility ID: 3001076
Tank ID: 001
Age: 41
Capacity: 30,000
Tank Status: Currently in use
Product: Heating Oil

Facility ID: 3001076
Tank ID: 002
Age: 41
Capacity: 30,000
Tank Status: Currently in use

BWI SITE (Continued) **S104629185**

Product: Heating Oil

Facility ID: 3001076
Tank ID: 003
Age: 41
Capacity: 30,000
Tank Status: Currently in use
Product: Heating Oil

A7
ENE
< 1/8
0.012 mi.
63 ft.

NORTHROP GRUMAN **MD OCPCASES** **S105509117**
7323 AVIATION BLVD **N/A**
GLEN BURNIE, MD 21066

Site 7 of 7 in cluster A

Relative:
Higher

Actual:
105 ft.

OCPCASES:
Facility ID: 02-1165AA1
Facility Status/Code: CLOSED/Aboveground Tank Leak
Date Open: 03/18/2002
Date Closed: 07/16/2002
Release: YES
Cleanup: YES
Registration Number: 7083

8
WNW
1/8-1/4
0.230 mi.
1213 ft.

MD DEPT OF TRANSPORTATION ENGINEERING & PROCUREMENT **PA MANIFEST** **S111770689**
7201 CORPORATE CENTER DR **N/A**
HANOVER, MD 21076

Relative:
Lower

Actual:
59 ft.

Manifest Details:
Year: 2004
Manifest Number: PAH050797
Manifest Type: TSD Copy
Generator EPA Id: MDP000013610
Generator Date: 06/05/2004
Mailing Address: 701 CORPORATE CENTER DR
Mailing City,St,Zip: HANOVER, MD 21076
Contact Name: DAVE DEVLIN
Contact Phone: 410-865-1144
TSD EPA Id: PAD067098822
TSD Date: 06/09/2004
TSD Facility Name: CYCLE CHEM
TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D018
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: MDR000013516

MD DEPT OF TRANSPORTATION ENGINEERING & PROCUREMENT (Continued) **S111770689**

Date TSP Sig:	06/05/2004
Year:	2004
Manifest Number:	PAH050797
Manifest Type:	TSD Copy
Generator EPA Id:	MDP000013610
Generator Date:	06/05/2004
Mailing Address:	701 CORPORATE CENTER DR
Mailing City,St,Zip:	HANOVER, MD 21076
Contact Name:	DAVE DEVLIN
Contact Phone:	410-865-1144
TSD EPA Id:	PAD067098822
TSD Date:	06/09/2004
TSD Facility Name:	CYCLE CHEM
TSD Facility Address:	550 INDUSTRIAL DR
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D001
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	55
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	MDR000013516
Date TSP Sig:	06/05/2004
Year:	2004
Manifest Number:	PAH050797
Manifest Type:	TSD Copy
Generator EPA Id:	MDP000013610
Generator Date:	06/05/2004
Mailing Address:	701 CORPORATE CENTER DR
Mailing City,St,Zip:	HANOVER, MD 21076
Contact Name:	DAVE DEVLIN
Contact Phone:	410-865-1144
TSD EPA Id:	PAD067098822
TSD Date:	06/09/2004
TSD Facility Name:	CYCLE CHEM
TSD Facility Address:	550 INDUSTRIAL DR
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	NONE
Container Number:	2
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	110
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	MDR000013516
Date TSP Sig:	06/05/2004

Count: 24 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ANNE ARUNDEL COUNTY	S104602021	BWI FIRE & RESCUE	BWI TARMAC -FIREHOUSE		MD OCPCASES
BALTIMORE	S108471868	WESTINGHOUSE/NORTHROP-GRUMMAN	RT 170 BWI	21240	MD OCPCASES
BALTIMORE	S116601038	SIGNATURE FLIGHT SUPPORT	AVIATION BLVD (2 AARONSON DR)	21240	MD OCPCASES
BALTIMORE	S113767638	BWI AIR TRAFFIC CONTROL TOWER	BWI AIRPORT	21240	MD OCPCASES
BALTIMORE	S105040631	THRIFTY CAR RENTAL	BWI AIRPORT	21240	MD OCPCASES
BALTIMORE	S104599707	SIGNATURE - FORMER TWA	BWI FUEL FARM	21240	MD OCPCASES
BALTIMORE	S116599896	COLONIAL PIPELINE	BWI DELIVERY FACILITY	21240	MD OCPCASES
BALTIMORE	S116599894	MD AVIATION ADMIN MAINTENANCE FACI	BWI ELM RD	21240	MD OCPCASES
BALTIMORE	S116599908	UNITED AIRLINES AUTO SHOP	BWI ELM RD	21240	MD OCPCASES
BALTIMORE	S104610160	RONNIE MAYBANK, DRIVER, PETRO EXPR	BWI AIRPORT-HERTZ	21240	MD OCPCASES
BALTIMORE	S116599427	CENTEX & CASCADE CONSTRUCTION	BWI AIRPORT	21240	MD OCPCASES
BALTIMORE	S104606939	BWI PAINT BOOTH	BWI TARMAC AREA OF FUEL FARM/E	21240	MD OCPCASES
BALTIMORE	S108472822	BWI/HENSON AVIATION	BWI AIRPORT	21240	MD OCPCASES
BALTIMORE	S104611116	HERTZ RENT-A-CAR	BWI AIRPORT -ELKRIDGE LANDING	21240	MD OCPCASES
BALTIMORE	S104598420	HENSON AIR -BWI BLDG 106	BWI SERVICE RD & ELM	21240	MD OCPCASES
BALTIMORE	S116599570	WESTINGHOUSE/NORTHROP-GRUMMAN	1625 S CAMPE MEADE RD & AVIATI	21240	MD OCPCASES
BALTIMORE	S106245036	ALAMO CAR RENTAL - QTA	ELM RD BWI AIRPORT	21240	MD OCPCASES
BALTIMORE	S104598721	BWI EXPANSION PROJECT INTERNATIONA	ELM RD - BWI PARKING LOT	21240	MD OCPCASES
BALTIMORE	S104610394	BUDGET RENT-A-CAR	ELM RD, BWI AIRPORT	21240	MD OCPCASES
BALTIMORE	S104610471	NATIONAL CAR RENTAL	ELM RD - BWI AIRPORT	21240	MD OCPCASES
BALTIMORE	S104599882	BUDGET RENT A CAR	QTA-BWI ELM RD	21240	MD OCPCASES
LINTHICUM	S113767764	MILLER TRUCKING RELEASE	RT 648 @ AVIATION BLVD	21090	MD OCPCASES
LINTHICUM	S104610581	AA COUNTY FERNDALE YARD	AVIATION BLVD & HOLLINS FERRY	21240	MD OCPCASES
LINTHICUM	S106021729	UNITED AIRLINES	BWI AIRPORT PIER B (SW AIR)	21240	MD 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.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
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: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL LIENS: 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: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

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: 12/16/2014	Source: EPA
Date Data Arrived at EDR: 01/08/2015	Telephone: N/A
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 04/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Quarterly

Federal CERCLIS list

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/01/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 04/08/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/01/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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. 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). 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.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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. 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.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
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: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

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: 12/03/2014
Date Data Arrived at EDR: 12/12/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

Federal ERNS list

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: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 37

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

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: 10/01/2009
Date Data Arrived at EDR: 12/11/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 3

Source: Department of the Environment
Telephone: 410-537-3000
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

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: 03/12/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/19/2015
Number of Days to Update: 6

Source: Department of the Environment
Telephone: 410-537-3375
Last EDR Contact: 11/03/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Annually

State and tribal leaking storage tank lists

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: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 7

Source: Department of Environment
Telephone: 410-537-3433
Last EDR Contact: 04/06/2015
Next Scheduled EDR Contact: 07/20/2015
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.

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

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: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
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: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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: 01/23/2015
Date Data Arrived at EDR: 02/10/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 31

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

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

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/03/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

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: 01/28/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 32

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

State and tribal registered storage tank lists

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: 12/31/2014
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/11/2015
Number of Days to Update: 19

Source: Department of the Environment
Telephone: 410-537-3433
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

AST: Permitted Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 01/12/2015
Date Made Active in Reports: 01/21/2015
Number of Days to Update: 9

Source: Department of The Environment
Telephone: 410-537-3000
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/29/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site listing

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: 11/10/2008
Date Data Arrived at EDR: 11/21/2008
Date Made Active in Reports: 12/17/2008
Number of Days to Update: 26

Source: Department of the Environment
Telephone: 410-537-3422
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

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: 03/30/2015
Date Data Arrived at EDR: 04/01/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 12

Source: Department of the Environment
Telephone: 410-537-3493
Last EDR Contact: 03/19/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

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: 03/30/2015
Date Data Arrived at EDR: 04/01/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 12

Source: Dept. of the Environment
Telephone: 410-537-3000
Last EDR Contact: 03/19/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

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: 03/09/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/19/2015
Number of Days to Update: 6

Source: Department of Environment
Telephone: 410-537-3000
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2014
Date Data Arrived at EDR: 12/22/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/24/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/23/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling Directory
A listing of recycling facilities.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 03/27/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 4

Source: Department of the Environment
Telephone: 410-631-3314
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US 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.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register
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.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

Historical UST: Historical UST Registered Database

In 1997 the Department of the Environment sent out registration forms to all the owner's 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 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

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 12/30/2014
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 69

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 07/15/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/03/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

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: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
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: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

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: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 24

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/27/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

US 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: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Semi-Annually

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: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
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: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement 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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 08/10/2015
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: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/27/2015
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: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/17/2015
Next Scheduled EDR Contact: 07/27/2015
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: 12/29/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 21

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

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: 02/27/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

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: 01/18/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
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: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

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: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Biennially

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 04/29/2014
Date Made Active in Reports: 05/30/2014
Number of Days to Update: 31

Source: Department of the Environment
Telephone: 410-537-3507
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaning Facilities

A listing of registered drycleaning facilities.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/16/2015
Date Made Active in Reports: 02/19/2015
Number of Days to Update: 34

Source: Department of the Environmental
Telephone: 410-537-3220
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

NPDES: Wastewater Permit Listing

A listing of wastewater permit locations.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/19/2015
Number of Days to Update: 6

Source: Department of the Environment
Telephone: 410-537-3507
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

AIRS: Permit and Facility Information Listing

A listing of permitted facilities and emissions information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/30/2014
Date Made Active in Reports: 01/08/2015
Number of Days to Update: 70

Source: Department of the Environment
Telephone: 410-537-3220
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
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: 02/11/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 02/19/2015
Number of Days to Update: 6

Source: Department of Environment, Lead Poisoning Prevention Program
Telephone: 410-537-3000
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

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: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/18/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information.

Date of Government Version: 05/01/2013
Date Data Arrived at EDR: 05/22/2013
Date Made Active in Reports: 06/27/2013
Number of Days to Update: 36

Source: Department of the Environment
Telephone: 410-537-3345
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

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: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: N/A

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

LRP: Land Restoration Program

A listing of Land Restoration Program sites. Site types included in the database are: Voluntary Cleanup Program, National Priority List, Brownfields, Site Assessment, Formerly Used Defense Site, State Master List, Non Master List, Groundwater Investigation and Federal Facility.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 09/25/2013
Number of Days to Update: 14

Source: Department of the Environment
Telephone: 410-537-3000
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for storage tank sites.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/11/2015
Number of Days to Update: 19

Source: Department of the Environment
Telephone: 410-537-3461
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
Coal combustion byproduct site locations.

Date of Government Version: 08/13/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 01/31/2011
Number of Days to Update: 26

Source: Department of the Environment
Telephone: 410-537-3507
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List
The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of the Environment in Maryland.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of the Environment
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of the Environment in Maryland from 1995-1999..

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of the Environment
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of the Environment in Maryland.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/16/2014
Number of Days to Update: 199

Source: Department of the Environment
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
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: 01/01/2015
Date Data Arrived at EDR: 02/04/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/04/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
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.

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

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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, 2005 and 2010 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

MAA AVIATION BOULEVARD & AMTRAK WAY
AVIATION BOULEVARD & AMTRAK WAY
LINTHICUM HEIGHTS, MD 21090

TARGET PROPERTY COORDINATES

Latitude (North):	39.1846 - 39˚ 11' 4.56''
Longitude (West):	76.691 - 76˚ 41' 27.60''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	353946.5
UTM Y (Meters):	4338416.0
Elevation:	88 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	39076-B6 RELAY, MD
Most Recent Revision:	1974

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 principal 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).

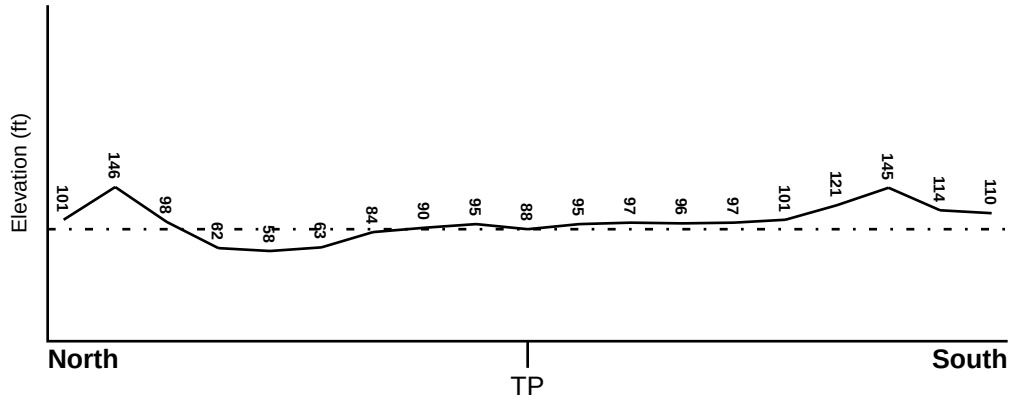
TOPOGRAPHIC INFORMATION

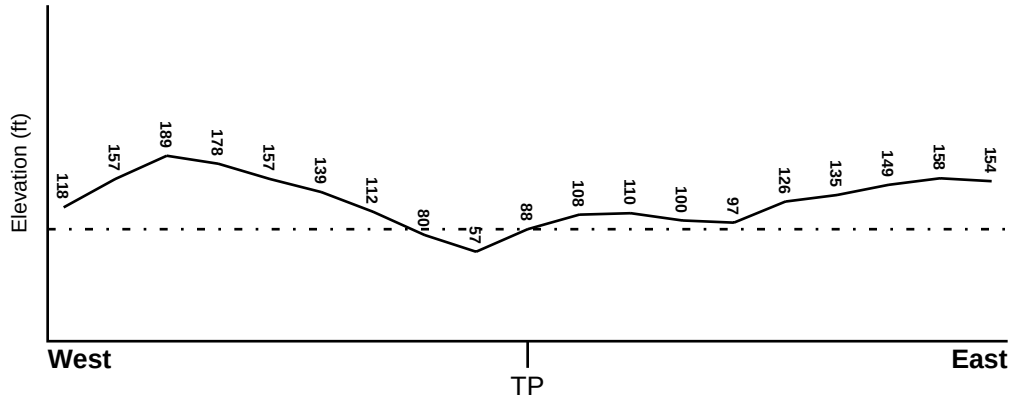
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

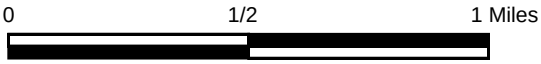
General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 88 ft.



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	FEMA Flood Electronic Data
ANNE ARUNDEL, MD	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 2400080005C - FEMA Q3 Flood data

Additional Panels in search area: 2400080001C - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
RELAY	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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

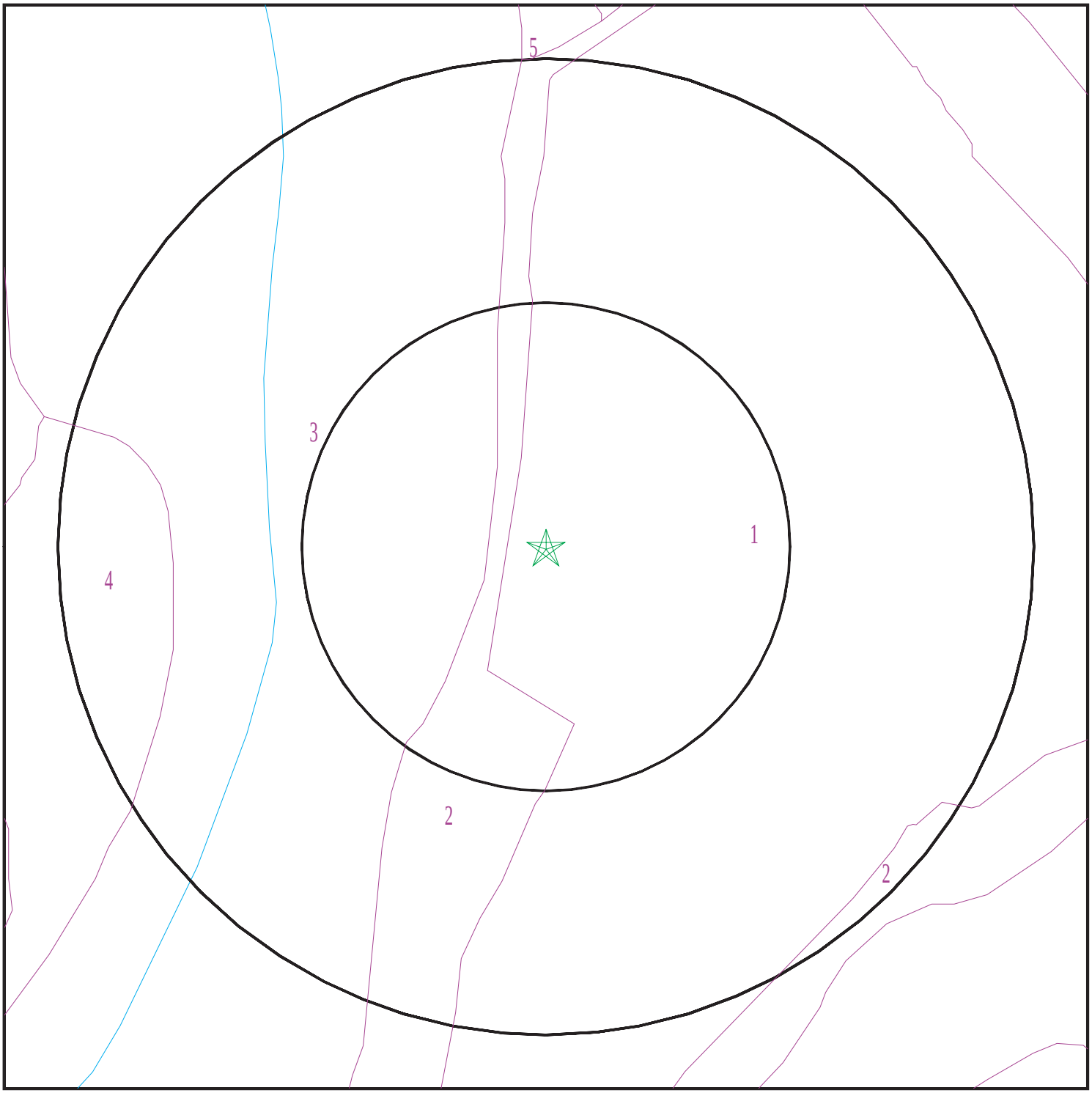
Era:	Mesozoic
System:	Cretaceous
Series:	Lower Cretaceous
Code:	lK *(decoded above as Era, System & Series)*

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).

SSURGO SOIL MAP - 4285187.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	MAA Aviation Boulevard & Amtrak Way	CLIENT:	AECOM
ADDRESS:	Aviation Boulevard & Amtrak Way Linthicum Heights MD 21090	CONTACT:	Peter Pecora
		INQUIRY #:	4285187.2s
LAT/LONG:	39.1846 / 76.691	DATE:	May 05, 2015 6:31 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	1 inches	0 inches		Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: Udorthents

Soil Surface Texture: sandy 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 114 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 4.5
2	3 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5 Min: 4.5

Soil Map ID: 3

Soil Component Name: Zekiah

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 13 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	3 inches	20 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 4
3	20 inches	27 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 5.5 Min: 4
4	27 inches	36 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 5.5 Min: 4
5	36 inches	50 inches	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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 141 Min: 4	Max: 5.5 Min: 4
6	50 inches	79 inches	stratified sand to loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 14	Max: 5.5 Min: 4

Soil Map ID: 4

Soil Component Name: Woodstown

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 4	Max: 5.5 Min: 3.6
2	11 inches	29 inches		Not reported	Not reported	Max: 42 Min: 1.4	Max: 5.5 Min: 3.6
3	29 inches	70 inches		Not reported	Not reported	Max: 42 Min: 4	Max: 5.5 Min: 3.6

Soil Map ID: 5

Soil Component Name: Downer

Soil Surface Texture: sandy 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 5.5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	5 inches	27 inches		Not reported	Not reported	Max: 42 Min: 14	Max: 5.5 Min: 4.5
3	27 inches	40 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 5.5 Min: 4.5
4	40 inches	72 inches		Not reported	Not reported	Max: 141 Min: 4	Max: 5.5 Min: 4.5

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

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
24	USGS40000436355	1/4 - 1/2 Mile WSW
52	USGS40000436623	1/2 - 1 Mile NE
K71	USGS40000436396	1/2 - 1 Mile East
L80	USGS40000436346	1/2 - 1 Mile WSW
Q81	USGS40000436321	1/2 - 1 Mile WSW
87	USGS40000436624	1/2 - 1 Mile NW
Q89	USGS40000436315	1/2 - 1 Mile WSW
90	USGS40000436494	1/2 - 1 Mile ENE
92	USGS40000436574	1/2 - 1 Mile ENE
158	USGS40000436615	1/2 - 1 Mile NW
Y162	USGS40000436306	1/2 - 1 Mile WSW
AB191	USGS40000436347	1/2 - 1 Mile WSW
AB192	USGS40000436348	1/2 - 1 Mile WSW
194	USGS40000436392	1/2 - 1 Mile West
AB205	USGS40000436349	1/2 - 1 Mile WSW
206	USGS40000436701	1/2 - 1 Mile NE
208	USGS40000436158	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AD209	USGS40000436658	1/2 - 1 Mile NE
AD210	USGS40000436659	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MD6000000044014	0 - 1/8 Mile ESE
2	MD6000000029801	0 - 1/8 Mile WSW
3	MD6000000035778	1/8 - 1/4 Mile SSW
4	MD6000000037269	1/4 - 1/2 Mile East
A5	MD6000000041489	1/4 - 1/2 Mile West
A6	MD6000000041490	1/4 - 1/2 Mile West
B7	MD6000000042260	1/4 - 1/2 Mile ENE
B8	MD6000000036247	1/4 - 1/2 Mile ENE
B9	MD6000000042262	1/4 - 1/2 Mile ENE
B10	MD6000000042261	1/4 - 1/2 Mile ENE
11	MD6000000333390	1/4 - 1/2 Mile WNW
C12	MD6000000354612	1/4 - 1/2 Mile NNE
C13	MD6000000353573	1/4 - 1/2 Mile NNE
C14	MD6000000353570	1/4 - 1/2 Mile NNE
C15	MD6000000375432	1/4 - 1/2 Mile NNE
C16	MD6000000368638	1/4 - 1/2 Mile NNE
C17	MD6000000354613	1/4 - 1/2 Mile NNE
D18	MD6000000375446	1/4 - 1/2 Mile NNW
D19	MD6000000418479	1/4 - 1/2 Mile NNW
D20	MD6000000423556	1/4 - 1/2 Mile NNW
21	MD6000000332602	1/4 - 1/2 Mile SE
E22	MD6000000025948	1/4 - 1/2 Mile SW
E23	MD6000000026410	1/4 - 1/2 Mile SW
25	MD6000000027135	1/4 - 1/2 Mile West
F26	MD6000000332354	1/4 - 1/2 Mile ENE
F27	MD6000000332353	1/4 - 1/2 Mile ENE
F28	MD6000000456091	1/4 - 1/2 Mile ENE
F29	MD6000000332355	1/4 - 1/2 Mile ENE
30	MD6000000034719	1/2 - 1 Mile SW
31	MD6000000376718	1/2 - 1 Mile WSW
G32	MD6000000041492	1/2 - 1 Mile North
G33	MD6000000041491	1/2 - 1 Mile North
G34	MD6000000418480	1/2 - 1 Mile North
G35	MD6000000339047	1/2 - 1 Mile North
36	MD6000000332135	1/2 - 1 Mile NE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H37	MD6000000339053	1/2 - 1 Mile NNE
H38	MD6000000369139	1/2 - 1 Mile NNE
39	MD6000000452068	1/2 - 1 Mile South
I40	MD6000000011744	1/2 - 1 Mile SE
I41	MD6000000024391	1/2 - 1 Mile SE
I42	MD6000000239019	1/2 - 1 Mile SE
J43	MD6000000016363	1/2 - 1 Mile SW
J44	MD6000000016234	1/2 - 1 Mile SW
J45	MD6000000014815	1/2 - 1 Mile SW
J46	MD6000000017814	1/2 - 1 Mile SW
J47	MD6000000024383	1/2 - 1 Mile SW
J48	MD6000000023874	1/2 - 1 Mile SW
J49	MD6000000020717	1/2 - 1 Mile SW
K50	MD6000000338863	1/2 - 1 Mile East
51	MD6000000503071	1/2 - 1 Mile SSE
53	MD6000000044240	1/2 - 1 Mile ENE
L54	MD6000000489840	1/2 - 1 Mile WSW
M55	MD6000000013251	1/2 - 1 Mile NE
M56	MD6000000013384	1/2 - 1 Mile NE
M57	MD6000000011553	1/2 - 1 Mile NE
M58	MD6000000010904	1/2 - 1 Mile NE
M59	MD6000000015560	1/2 - 1 Mile NE
M60	MD6000000021313	1/2 - 1 Mile NE
M61	MD6000000024345	1/2 - 1 Mile NE
M62	MD6000000017624	1/2 - 1 Mile NE
M63	MD6000000020585	1/2 - 1 Mile NE
N64	MD6000000014691	1/2 - 1 Mile NW
N65	MD6000000024650	1/2 - 1 Mile NW
O66	MD6000000365029	1/2 - 1 Mile North
O67	MD6000000365028	1/2 - 1 Mile North
O68	MD6000000365030	1/2 - 1 Mile North
O69	MD6000000418478	1/2 - 1 Mile North
O70	MD6000000365037	1/2 - 1 Mile North
P72	MD6000000040885	1/2 - 1 Mile ENE
P73	MD6000000040886	1/2 - 1 Mile ENE
P74	MD6000000040883	1/2 - 1 Mile ENE
P75	MD6000000040884	1/2 - 1 Mile ENE
P76	MD6000000040889	1/2 - 1 Mile ENE
P77	MD6000000040890	1/2 - 1 Mile ENE
P78	MD6000000040887	1/2 - 1 Mile ENE
P79	MD6000000040888	1/2 - 1 Mile ENE
R82	MD6000000042059	1/2 - 1 Mile NNW
R83	MD6000000042058	1/2 - 1 Mile NNW
R84	MD6000000042061	1/2 - 1 Mile NNW
R85	MD6000000042060	1/2 - 1 Mile NNW
86	MD6000000486372	1/2 - 1 Mile SW
88	MD6000000033715	1/2 - 1 Mile WSW
91	MD6000000452053	1/2 - 1 Mile NE
S93	MD6000000041762	1/2 - 1 Mile East
S94	MD6000000041756	1/2 - 1 Mile East
S95	MD6000000041755	1/2 - 1 Mile East
S96	MD6000000041763	1/2 - 1 Mile East

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
S97	MD6000000042346	1/2 - 1 Mile East
S98	MD6000000041765	1/2 - 1 Mile East
S99	MD6000000041764	1/2 - 1 Mile East
S100	MD6000000041337	1/2 - 1 Mile East
S101	MD6000000041336	1/2 - 1 Mile East
S102	MD6000000041335	1/2 - 1 Mile East
S103	MD6000000041338	1/2 - 1 Mile East
S104	MD6000000041341	1/2 - 1 Mile East
S105	MD6000000041340	1/2 - 1 Mile East
S106	MD6000000041339	1/2 - 1 Mile East
S107	MD6000000333540	1/2 - 1 Mile East
S108	MD6000000333539	1/2 - 1 Mile East
S109	MD6000000333538	1/2 - 1 Mile East
S110	MD6000000333541	1/2 - 1 Mile East
S111	MD6000000491660	1/2 - 1 Mile East
S112	MD6000000491659	1/2 - 1 Mile East
S113	MD6000000418366	1/2 - 1 Mile East
S114	MD6000000042349	1/2 - 1 Mile East
S115	MD6000000042348	1/2 - 1 Mile East
S116	MD6000000042347	1/2 - 1 Mile East
S117	MD6000000332243	1/2 - 1 Mile East
S118	MD6000000332246	1/2 - 1 Mile East
S119	MD6000000332245	1/2 - 1 Mile East
S120	MD6000000332244	1/2 - 1 Mile East
T121	MD6000000454619	1/2 - 1 Mile West
T122	MD6000000454634	1/2 - 1 Mile West
T123	MD6000000454653	1/2 - 1 Mile West
U124	MD6000000332661	1/2 - 1 Mile East
U125	MD6000000044770	1/2 - 1 Mile East
U126	MD6000000044769	1/2 - 1 Mile East
U127	MD6000000333680	1/2 - 1 Mile East
U128	MD6000000333679	1/2 - 1 Mile East
U129	MD6000000333678	1/2 - 1 Mile East
U130	MD6000000044768	1/2 - 1 Mile East
U131	MD6000000041589	1/2 - 1 Mile East
U132	MD6000000041588	1/2 - 1 Mile East
U133	MD6000000039875	1/2 - 1 Mile East
U134	MD6000000044767	1/2 - 1 Mile East
U135	MD6000000044766	1/2 - 1 Mile East
U136	MD6000000041590	1/2 - 1 Mile East
U137	MD6000000333681	1/2 - 1 Mile East
U138	MD6000000498896	1/2 - 1 Mile East
U139	MD6000000498895	1/2 - 1 Mile East
U140	MD6000000498894	1/2 - 1 Mile East
U141	MD6000000498910	1/2 - 1 Mile East
U142	MD6000000498909	1/2 - 1 Mile East
U143	MD6000000498897	1/2 - 1 Mile East
U144	MD6000000498893	1/2 - 1 Mile East
U145	MD6000000333751	1/2 - 1 Mile East
U146	MD6000000333683	1/2 - 1 Mile East
U147	MD6000000333682	1/2 - 1 Mile East
U148	MD6000000496017	1/2 - 1 Mile East

STATE DATABASE WELL INFORMATION

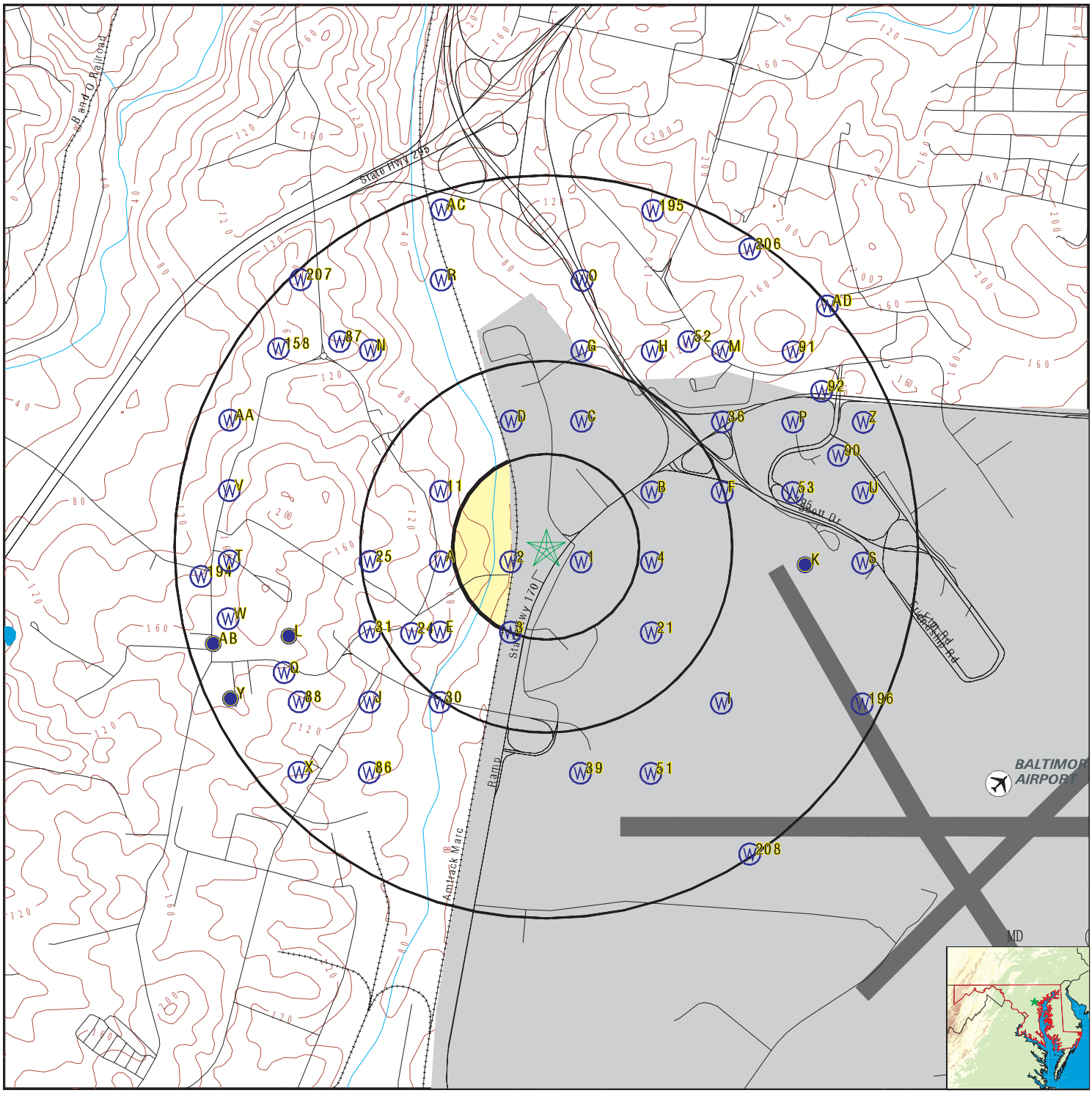
MAP ID	WELL ID	LOCATION FROM TP
U149	MD6000000496016	1/2 - 1 Mile East
U150	MD6000000496001	1/2 - 1 Mile East
V151	MD6000000030324	1/2 - 1 Mile West
V152	MD6000000027901	1/2 - 1 Mile West
V153	MD6000000033717	1/2 - 1 Mile West
V154	MD6000000423983	1/2 - 1 Mile West
V155	MD6000000042168	1/2 - 1 Mile West
W156	MD6000000034295	1/2 - 1 Mile West
W157	MD6000000024794	1/2 - 1 Mile WSW
X159	MD6000000030226	1/2 - 1 Mile SW
X160	MD6000000038964	1/2 - 1 Mile SW
X161	MD6000000486374	1/2 - 1 Mile SW
Z163	MD6000000044445	1/2 - 1 Mile ENE
Z164	MD6000000042307	1/2 - 1 Mile ENE
Z165	MD6000000044446	1/2 - 1 Mile ENE
Z166	MD6000000332591	1/2 - 1 Mile ENE
Z167	MD6000000332590	1/2 - 1 Mile ENE
Z168	MD6000000042306	1/2 - 1 Mile ENE
Z169	MD6000000041688	1/2 - 1 Mile ENE
Z170	MD6000000041687	1/2 - 1 Mile ENE
Z171	MD6000000041689	1/2 - 1 Mile ENE
Z172	MD6000000042305	1/2 - 1 Mile ENE
Z173	MD6000000041690	1/2 - 1 Mile ENE
Z174	MD6000000332715	1/2 - 1 Mile ENE
Z175	MD6000000332714	1/2 - 1 Mile ENE
Z176	MD6000000332716	1/2 - 1 Mile ENE
Z177	MD6000000332718	1/2 - 1 Mile ENE
Z178	MD6000000332717	1/2 - 1 Mile ENE
Z179	MD6000000332713	1/2 - 1 Mile ENE
Z180	MD6000000332593	1/2 - 1 Mile ENE
Z181	MD6000000332592	1/2 - 1 Mile ENE
Z182	MD6000000332594	1/2 - 1 Mile ENE
Z183	MD6000000332712	1/2 - 1 Mile ENE
Z184	MD6000000332711	1/2 - 1 Mile ENE
AA185	MD6000000033827	1/2 - 1 Mile WNW
AA186	MD6000000025840	1/2 - 1 Mile WNW
AA187	MD6000000025439	1/2 - 1 Mile WNW
AA188	MD6000000044342	1/2 - 1 Mile WNW
AA189	MD6000000044321	1/2 - 1 Mile WNW
AA190	MD6000000036336	1/2 - 1 Mile WNW
AB193	MD6000000028668	1/2 - 1 Mile WSW
195	MD6000000028356	1/2 - 1 Mile NNE
196	MD6000000418370	1/2 - 1 Mile ESE
AC197	MD6000000040916	1/2 - 1 Mile NNW
AC198	MD6000000040917	1/2 - 1 Mile NNW
AC199	MD6000000040918	1/2 - 1 Mile NNW
Y200	MD6000000030023	1/2 - 1 Mile WSW
Y201	MD6000000026304	1/2 - 1 Mile WSW
Y202	MD6000000038260	1/2 - 1 Mile WSW
Y203	MD6000000043566	1/2 - 1 Mile WSW
Y204	MD6000000041926	1/2 - 1 Mile WSW
207	MD6000000034087	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

PHYSICAL SETTING SOURCE MAP - 4285187.2s



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

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location

N

SITE NAME:	MAA Aviation Boulevard & Amtrak Way	CLIENT:	AECOM
ADDRESS:	Aviation Boulevard & Amtrak Way Linthicum Heights MD 21090	CONTACT:	Peter Pecora
		INQUIRY #:	4285187.2s
LAT/LONG:	39.1846 / 76.691	DATE:	May 05, 2015 6:31 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **ESE** **0 - 1/8 Mile** **Higher**	**MD WELLS**	**MD6000000044014**

Objectid:	44013	County let:	AA
Permit:	AA888169	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	11-JUL-92
City:	ELLICOTT CITY	State:	MD
Zip:	21042	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	1.2E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	STONY RUN
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	1.2 MI
Road name:	1175 OLD STONEY RUN RD	Road side:	S
Road dista:	15 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	888000.00
N grid83:	168478.00	E grid83:	426848.00
Lat dec de:	39.18	Lon dec de:	76.69
Issue date:	10-JUL-92	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	13-AUG-92
Completion:	11-JUL-92	Total dept:	2.1E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	6.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.03E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	2.03E+002
Bottom scr:	2.1E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	6.0E+001	Level befo:	8.5E+001
Level duri:	1.15E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	1.25E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

---

2 **WSW** **0 - 1/8 Mile** **Lower**	**MD WELLS**	**MD6000000029801**

Objectid:	29800	County let:	AA
Permit:	AA813345	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	17-APR-84
City:	BALTIMORE	State:	MD
Zip:	21203	Driller na:	GREER, JOHN EDWIN
Driller id:	MWD0337	Est gpm pr:	1.0E+001
Use for wa:	I		
Approx dep:	1.2E+002	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	AA1984G043	Subdivisio:	FRIENDSHIP SITE

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1.9 MI
Road name:	FORT MEADE RD	Road side:	N
Road dista:	80 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	887000.00
N grid83:	168478.00	E grid83:	426544.00
Lat dec de:	39.18	Lon dec de:	76.69
Issue date:	19-JUN-84	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	03-AUG-84
Completion:	20-JUL-84	Total dept:	9.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	4.0E+000	Grout bott:	4.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	9.0E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	9.0E+001
Bottom scr:	9.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.0E+001	Level befo:	5.0E+001
Level duri:	6.0E+001	Test pump :	S
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	8.5E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

3
SSW **MD WELLS** **MD6000000035778**
1/8 - 1/4 Mile
Lower

Objectid:	35787	County let:	AA
Permit:	AA819432	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	23-SEP-87
City:	ELKRIDGE	State:	MD
Zip:	21227	Driller na:	BRUCKSCH, ROBERT F
Driller id:	MWD0418	Est gpm pr:	1.0E+001
Use for wa:	I		
Approx dep:	3.0E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	AA1967G037	Subdivisio:	STONEY RUN
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2 MI
Road name:	STONEY RUN RD	Road side:	S
Road dista:	500 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	491000.00	E grid27:	887000.00
N grid83:	168173.00	E grid83:	426544.00
Lat dec de:	39.18	Lon dec de:	76.69
Issue date:	23-SEP-87	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	17-DEC-87

Completion:	26-SEP-87	Total dept:	2.38E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	4.0E+000	Grout bott:	4.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.28E+002	Casing hei:	+01
Screen typ:	ST	Top screen:	2.28E+002
Bottom scr:	2.38E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	2.5E+001	Level befo:	1.5E+002
Level duri:	1.75E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	7.0E+000	Pump hp:	5.0E-001
Column len:	2.0E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

4
East
1/4 - 1/2 Mile
Higher

MD WELLS **MD6000000037269**

Objectid:	37268	County let:	AA
Permit:	AA880442	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	23-JUN-88
City:	GLEN BURNIE	State:	MD
Zip:	21061	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	7.5E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	2 MI
Road name:	7220 RIDGE RD	Road side:	W
Road dista:	30 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	889000.00
N grid83:	168478.00	E grid83:	427153.00
Lat dec de:	39.18	Lon dec de:	76.69
Issue date:	23-JUN-88	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	15-JUL-88
Completion:	23-JUN-88	Total dept:	6.6E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	4.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.9E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	5.9E+001
Bottom scr:	6.6E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.5E+001	Level befo:	4.0E+001
Level duri:	5.5E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	7.0E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

A5
West
1/4 - 1/2 Mile
Higher

MD WELLS **MD6000000041489**

Objectid:	41551	County let:	AA
Permit:	AA884871	Mgs id:	Not Reported
B1 seq:	9731	B1 recd:	17-JUL-90
City:	ROCKVILLE	State:	MD
Zip:	20852	Driller na:	RICHARD D. SIES SR
Driller id:	MWD0342	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	2
Road name:	STONEY RUN RD	Road side:	E
Road dista:	140 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	886000.00
N grid83:	168478.00	E grid83:	426239.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	17-JUL-90	Special fl:	N
C1 seq:	0912	C1 recd:	17-JUL-90
Completion:	06-AUG-90	Total dept:	2.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	2.0E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	2.0E+001
Bottom scr:	2.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
A6 **West** **1/4 - 1/2 Mile** **Higher**	**MD WELLS**	**MD6000000041490**

Objectid:	41552	County let:	AA
Permit:	AA884872	Mgs id:	Not Reported
B1 seq:	9733	B1 recd:	17-JUL-90
City:	ROCKVILLE	State:	MD
Zip:	20852	Driller na:	RICHARD D. SIES SR
Driller id:	MWD0342	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	2
Road name:	STONEY RUN RD	Road side:	E
Road dista:	260 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	886000.00
N grid83:	168478.00	E grid83:	426239.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	17-JUL-90	Special fl:	N
C1 seq:	0913	C1 recd:	17-JUL-90
Completion:	03-AUG-90	Total dept:	2.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	2.0E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	2.0E+001
Bottom scr:	2.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

B7 **ENE** **1/4 - 1/2 Mile** **Lower**	**MD WELLS**	**MD6000000042260**

Objectid:	42254	County let:	AA
Permit:	AA885733	Mgs id:	Not Reported
B1 seq:	8723	B1 recd:	30-JAN-91
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	DAVE KELLY
Driller id:	MWD0304	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2
Road name:	ELKRIDGE LANDING RD	Road side:	Not Reported
Road dista:	125 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	889000.00
N grid83:	168783.00	E grid83:	427153.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	30-JAN-91	Special fl:	N
C1 seq:	5425	C1 recd:	12-MAR-91
Completion:	01-FEB-91	Total dept:	2.3E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+000	Casing hei:	-0
Screen typ:	PL	Top screen:	3.0E+000
Bottom scr:	2.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	2.0E+001	Level befo:	1.0E+001
Level duri:	2.0E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

B8
ENE
1/4 - 1/2 Mile
Lower

MD WELLS **MD6000000036247**

Objectid:	36256	County let:	AA
Permit:	AA819903	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	14-DEC-87
City:	GLEN BURNIE	State:	MD
Zip:	21061	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	I		
Approx dep:	1.0E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	AA735988
Wapid:	AA1969G033	Subdivisio:	BWI AIRPORT
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0 MI
Road name:	WESTAGHOUSE ACCESS	Road side:	E
Road dista:	15 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	889000.00
N grid83:	168783.00	E grid83:	427153.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	15-DEC-87	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	02-MAR-88

Completion:	23-DEC-87	Total dept:	1.46E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	6.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.39E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.39E+002
Bottom scr:	1.46E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	3.0E+001	Level befo:	2.9E+001
Level duri:	5.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

B9
ENE
1/4 - 1/2 Mile
Lower

MD WELLS **MD6000000042262**

Objectid:	42256	County let:	AA
Permit:	AA885735	Mgs id:	Not Reported
B1 seq:	8722	B1 recd:	30-JAN-91
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	DAVE KELLY
Driller id:	MWD0304	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2
Road name:	SCIENCE DR	Road side:	W
Road dista:	180 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	889000.00
N grid83:	168783.00	E grid83:	427153.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	30-JAN-91	Special fl:	N
C1 seq:	5427	C1 recd:	12-MAR-91
Completion:	01-FEB-91	Total dept:	1.8E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.0E+000	Casing hei:	-0
Screen typ:	PL	Top screen:	2.0E+000
Bottom scr:	1.8E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	2.0E+001	Level befo:	2.0E+000
Level duri:	1.7E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

B10
ENE
1/4 - 1/2 Mile
Lower

MD WELLS **MD6000000042261**

Objectid:	42255	County let:	AA
Permit:	AA885734	Mgs id:	Not Reported
B1 seq:	8724	B1 recd:	30-JAN-91
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	DAVE KELLY
Driller id:	MWD0304	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2
Road name:	ELKRIDGE LANDING RD	Road side:	Not Reported
Road dista:	120 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	889000.00
N grid83:	168783.00	E grid83:	427153.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	30-JAN-91	Special fl:	N
C1 seq:	3825	C1 recd:	12-MAR-91
Completion:	04-FEB-91	Total dept:	2.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.0E+000	Casing hei:	-0
Screen typ:	PL	Top screen:	5.0E+000
Bottom scr:	2.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	5.0E+000	Level befo:	6.0E+000
Level duri:	2.2E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
11 **WNW** **1/4 - 1/2 Mile** **Higher**	**MD WELLS**	**MD6000000333390**

Objectid:	333389	County let:	AA
Permit:	AA889817	Mgs id:	Not Reported
B1 seq:	8772	B1 recd:	15-JUN-93
City:	HANOVER	State:	MD
Zip:	21144	Driller na:	JOHN GREER
Driller id:	MSD0086	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.5E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	0
Road name:	1210 STONEY RUN RD	Road side:	S
Road dista:	80 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	886000.00
N grid83:	168783.00	E grid83:	426239.00
Lat dec de:	39.19	Lon dec de:	76.70
Issue date:	15-JUN-93	Special fl:	Y
C1 seq:	0647	C1 recd:	03-AUG-93
Completion:	30-JUN-93	Total dept:	2.45E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	4.0E+000	Grout bott:	5.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.4E+002	Casing hei:	+1
Screen typ:	PL	Top screen:	2.4E+002
Bottom scr:	2.45E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	3.0E+001	Level befo:	1.3E+002
Level duri:	1.45E+002	Test pump :	A
Pump insta:	Y	Install pu:	S
Capacity:	1.0E+001	Pump hp:	7.5E-001
Column len:	1.7E+002	Closed:	A
Abandoned:	Not Reported	Abandon da:	Not Reported

C12 **NNE** **1/4 - 1/2 Mile** **Lower**	**MD WELLS**	**MD6000000354612**

Objectid:	354611	County let:	AA
Permit:	AA921978	Mgs id:	Not Reported
B1 seq:	8778	B1 recd:	09-SEP-94
City:	CHICAGO	State:	IL
Zip:	60680	Driller na:	MICHAEL W HUBER
Driller id:	MGD 046	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+000	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELKRIDGE LANDING ROA	Road side:	W
Road dista:	1100FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	888000.00
N grid83:	169088.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	12-SEP-94	Special fl:	Not Reported
C1 seq:	4361	C1 recd:	01-DEC-94
Completion:	19-SEP-94	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.8E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	3.0E+001	Casing hei:	+02
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

C13
NNE
1/4 - 1/2 Mile
Lower

MD WELLS **MD6000000353573**

Objectid:	353572	County let:	AA
Permit:	AA921980	Mgs id:	Not Reported
B1 seq:	8777	B1 recd:	09-SEP-94
City:	CHICAGO	State:	IL
Zip:	60680	Driller na:	MICHAEL W HUBER
Driller id:	MGD 046	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+000	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELKRIDGE LANDING ROA	Road side:	W
Road dista:	1200FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	888000.00
N grid83:	169088.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	12-SEP-94	Special fl:	Not Reported
C1 seq:	4363	C1 recd:	01-DEC-94

Completion:	20-SEP-94	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.8E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	3.0E+001	Casing hei:	+02
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

C14
NNE
1/4 - 1/2 Mile
Lower

MD WELLS **MD6000000353570**

Objectid:	353569	County let:	AA
Permit:	AA921981	Mgs id:	Not Reported
B1 seq:	8775	B1 recd:	09-SEP-94
City:	CHICAGO	State:	IL
Zip:	60680	Driller na:	MICHAEL W HUBER
Driller id:	MGD 046	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+000	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELKRIDGE LANDING ROA	Road side:	W
Road dista:	1000FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	888000.00
N grid83:	169088.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	12-SEP-94	Special fl:	Not Reported
C1 seq:	4344	C1 recd:	01-DEC-94
Completion:	20-SEP-94	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.8E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	3.0E+001	Casing hei:	+02
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	09-MAR-09

C15
NNE
1/4 - 1/2 Mile
Lower

MD WELLS **MD6000000375432**

Objectid:	375431	County let:	AA
Permit:	AA940071	Mgs id:	Not Reported
B1 seq:	1953	B1 recd:	19-DEC-95
City:	CHICAGO	State:	IL
Zip:	60680	Driller na:	MICHAEL W HUBER
Driller id:	MGD 046	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELKRIDGE LANDING ROA	Road side:	W
Road dista:	900 FT	Tax map:	4
Block:	13	Parcel:	262
N grid27:	494000.00	E grid27:	888000.00
N grid83:	169088.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	19-DEC-95	Special fl:	Not Reported
C1 seq:	9276	C1 recd:	14-NOV-96
Completion:	21-DEC-95	Total dept:	6.6E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	4.2E+001
Casing typ:	PL	Casing dia:	6.0E+000
Casing dep:	4.6E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	4.6E+001
Bottom scr:	6.6E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	6.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
C16 **NNE** **1/4 - 1/2 Mile** **Lower**	**MD WELLS**	**MD6000000368638**

Objectid:	368637	County let:	AA
Permit:	AA930890	Mgs id:	Not Reported
B1 seq:	9773	B1 recd:	06-JUL-95
City:	CHICAGO	State:	IL
Zip:	60680	Driller na:	MICHAEL W HUBER
Driller id:	MGD 046	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELKRIDGE LANDING ROA	Road side:	W
Road dista:	300 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	888000.00
N grid83:	169088.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	06-JUL-95	Special fl:	Not Reported
C1 seq:	5790	C1 recd:	02-OCT-95
Completion:	10-JUL-95	Total dept:	4.3E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.1E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	3.3E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	3.3E+001
Bottom scr:	4.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	10-MAR-09

C17 **NNE** **1/4 - 1/2 Mile** **Lower**	**MD WELLS**	**MD6000000354613**

Objectid:	354612	County let:	AA
Permit:	AA921979	Mgs id:	Not Reported
B1 seq:	8776	B1 recd:	09-SEP-94
City:	CHICAGO	State:	IL
Zip:	60680	Driller na:	MICHAEL W HUBER
Driller id:	MWD 046	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+000	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELKRIDGE LANDING ROA	Road side:	W
Road dista:	1100FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	888000.00
N grid83:	169088.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	12-SEP-94	Special fl:	Not Reported
C1 seq:	4362	C1 recd:	01-DEC-94
Completion:	19-SEP-94	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.8E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	3.0E+001	Casing hei:	+02
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

D18
NNW
1/4 - 1/2 Mile
Lower

MD WELLS **MD6000000375446**

Objectid:	375445	County let:	AA
Permit:	AA940057	Mgs id:	Not Reported
B1 seq:	1947	B1 recd:	15-DEC-95
City:	CHICAGO	State:	IL
Zip:	60680	Driller na:	MICHAEL W HUBER
Driller id:	MGD 046	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELKRIDGE LANDING ROA	Road side:	W
Road dista:	900 FT	Tax map:	3
Block:	24	Parcel:	274
N grid27:	494000.00	E grid27:	887000.00
N grid83:	169088.00	E grid83:	426544.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	15-DEC-95	Special fl:	Not Reported
C1 seq:	8870	C1 recd:	14-NOV-96

Completion:	18-DEC-95	Total dept:	6.2E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.8E+001
Casing typ:	PL	Casing dia:	6.0E+000
Casing dep:	4.2E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	4.2E+001
Bottom scr:	6.2E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	6.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	10-MAR-09

D19
NNW
1/4 - 1/2 Mile
Lower

MD WELLS **MD6000000418479**

Objectid:	418488	County let:	AA
Permit:	AA941917	Mgs id:	Not Reported
B1 seq:	3318	B1 recd:	18-SEP-97
City:	LINTHICUM HGT	State:	MD
Zip:	21090	Driller na:	MICHAEL W HUBER
Driller id:	MGD 46	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM HEIGHTS	Town dista:	Not Reported
Road name:	ELKRIDGE LANDING RD	Road side:	W
Road dista:	500 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	887000.00
N grid83:	169088.00	E grid83:	426544.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	18-SEP-97	Special fl:	Not Reported
C1 seq:	5088	C1 recd:	29-JUN-98
Completion:	22-SEP-97	Total dept:	6.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	5.1E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	5.5E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	5.5E+001
Bottom scr:	6.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	0
Level duri:	0	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	09-MAR-09

D20
NNW
1/4 - 1/2 Mile
Lower

MD WELLS **MD6000000423556**

Objectid:	423555	County let:	AA
Permit:	AA944702	Mgs id:	Not Reported
B1 seq:	5450	B1 recd:	18-OCT-99
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	MARSHAL ARNETTE
Driller id:	MSD 106	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.1E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	Not Reported
Road name:	7411 RIDGE RD	Road side:	E
Road dista:	100 FT	Tax map:	8
Block:	10	Parcel:	188
N grid27:	494000.00	E grid27:	887000.00
N grid83:	169088.00	E grid83:	426544.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	18-OCT-99	Special fl:	Y
C1 seq:	3537	C1 recd:	23-NOV-99
Completion:	02-NOV-99	Total dept:	1.18E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	6.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.11E+002	Casing hei:	+1
Screen typ:	PL	Top screen:	1.11E+002
Bottom scr:	1.18E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.5E+001	Level befo:	7.5E+001
Level duri:	1.0E+002	Test pump :	A
Pump insta:	Y	Install pu:	S
Capacity:	7.0E+000	Pump hp:	5.0E-001
Column len:	9.0E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
21 **SE** **1/4 - 1/2 Mile** **Higher**	**MD WELLS**	**MD6000000332602**

Objectid:	332601	County let:	AA
Permit:	AA888175	Mgs id:	Not Reported
B1 seq:	5651	B1 recd:	13-JUL-92
City:	LINTHICUM	State:	MD
Zip:	21076	Driller na:	STANLEY L. COHEN
Driller id:	MWD0354	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	MW-1
Nearest to:	LINTHICUM	Town dista:	1
Road name:	CAMP MEADE ROAD	Road side:	S
Road dista:	800 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	491000.00	E grid27:	889000.00
N grid83:	168173.00	E grid83:	427153.00
Lat dec de:	39.18	Lon dec de:	76.69
Issue date:	13-JUL-92	Special fl:	N
C1 seq:	6065	C1 recd:	22-JUL-92
Completion:	14-JUL-92	Total dept:	2.3E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+000	Casing hei:	+0
Screen typ:	PL	Top screen:	3.0E+000
Bottom scr:	2.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	1.1E+001
Level duri:	1.1E+001	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

E22 **SW** **1/4 - 1/2 Mile** **Lower**	**MD WELLS**	**MD6000000025948**

Objectid:	25963	County let:	AA
Permit:	AA743480	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	05-AUG-81
City:	HANOVER	State:	MD
Zip:	Not Reported	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	1.0E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	FRIENDSHIP

Section :	Not Reported	Lot:	Not Reported
Nearest to:	GLEN BURNIE	Town dista:	3 MI
Road name:	1129 STONEY RUN RD	Road side:	S
Road dista:	30 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	491000.00	E grid27:	886000.00
N grid83:	168173.00	E grid83:	426239.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	29-JUL-81	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	18-AUG-81
Completion:	03-AUG-81	Total dept:	1.42E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	3.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.35E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.35E+002
Bottom scr:	1.42E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.5E+001	Level befo:	2.0E+001
Level duri:	7.5E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	2.5E-001
Column len:	1.0E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

E23
SW
1/4 - 1/2 Mile
Lower

MD WELLS **MD6000000026410**

Objectid:	26425	County let:	AA
Permit:	AA743946	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	30-NOV-81
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	1.5E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	AA743480
Wapid:	Not Reported	Subdivisio:	FRIENDSHIP
Section :	Not Reported	Lot:	Not Reported
Nearest to:	GLEN BURNIE	Town dista:	3 MI
Road name:	1131 STONEY RUN RD	Road side:	S
Road dista:	30 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	491000.00	E grid27:	886000.00
N grid83:	168173.00	E grid83:	426239.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	30-NOV-81	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	Not Reported

Completion:	Not Reported	Total dept:	0
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Not Reported	Grout type:	Not Reported
Grout top:	0	Grout bott:	0
Casing typ:	Not Reported	Casing dia:	0
Casing dep:	0	Casing hei:	+00
Screen typ:	Not Reported	Top screen:	0
Bottom scr:	0	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

24
WSW **FED USGS** **USGS40000436355**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391052076415301		
Monloc name:	AA Ac 52		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1812189
Longitude:	-76.6977471	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	95
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		
Aquifer type:	Not Reported		
Construction date:	1953	Welldepth:	31
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1960-03-24	24.30	

Map ID Direction Distance Elevation	Database	EDR ID Number
25 **West** **1/4 - 1/2 Mile** **Higher**	**MD WELLS**	**MD6000000027135**

Objectid:	27134	County let:	AA
Permit:	AA810678	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	28-JUL-82
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	BUNKER, HAROLD H. JR
Driller id:	MWD0056	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	8.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	STONY RUN
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	1 MI
Road name:	STONY RUN RD	Road side:	N
Road dista:	1700FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	885000.00
N grid83:	168478.00	E grid83:	425934.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	28-JUL-82	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	17-SEP-82
Completion:	06-AUG-82	Total dept:	8.2E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	3.0E+000	Grout bott:	2.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	7.5E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	7.5E+001
Bottom scr:	8.2E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+001	Level befo:	4.2E+001
Level duri:	5.2E+001	Test pump :	O
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

F26 **ENE** **1/4 - 1/2 Mile** **Higher**	**MD WELLS**	**MD6000000332354**

Objectid:	332353	County let:	AA
Permit:	AA886115	Mgs id:	Not Reported
B1 seq:	9503	B1 recd:	16-MAY-91
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	J. A. PADGETT
Driller id:	MWD0377	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	FRIENDSHIP ROAD	Road side:	S
Road dista:	800 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	890000.00
N grid83:	168783.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	16-MAY-91	Special fl:	N
C1 seq:	5501	C1 recd:	19-JUN-91
Completion:	30-MAY-91	Total dept:	4.3E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	1.0E+000	Grout bott:	2.6E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.3E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.3E+001
Bottom scr:	4.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

F27
ENE
1/4 - 1/2 Mile
Higher

MD WELLS **MD6000000332353**

Objectid:	332352	County let:	AA
Permit:	AA886114	Mgs id:	Not Reported
B1 seq:	9504	B1 recd:	16-MAY-91
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	J. A. PADGETT
Driller id:	MWD0377	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	FRIENDSHIP ROAD	Road side:	S
Road dista:	800 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	890000.00
N grid83:	168783.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	16-MAY-91	Special fl:	N
C1 seq:	6899	C1 recd:	19-JUN-91

Completion:	30-MAY-91	Total dept:	4.3E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	1.0E+000	Grout bott:	2.4E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.3E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.3E+001
Bottom scr:	4.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

F28
ENE
1/4 - 1/2 Mile
Higher

MD WELLS **MD6000000456091**

Objectid:	456090	County let:	AA
Permit:	AA943820	Mgs id:	Not Reported
B1 seq:	1671	B1 recd:	18-MAR-99
City:	WAKEFIELD	State:	MA
Zip:	01880	Driller na:	ROBERT E TINGLEY
Driller id:	MWD 26	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	ELM RD BWI AIRPORT
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	ELM RD	Road side:	N
Road dista:	500 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	890000.00
N grid83:	168783.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	18-MAR-99	Special fl:	Y
C1 seq:	Not Reported	C1 recd:	Not Reported
Completion:	Not Reported	Total dept:	0
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Not Reported	Grout type:	Not Reported
Grout top:	0	Grout bott:	0
Casing typ:	Not Reported	Casing dia:	0
Casing dep:	0	Casing hei:	Not Reported
Screen typ:	Not Reported	Top screen:	0
Bottom scr:	0	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

F29
ENE
1/4 - 1/2 Mile
Higher

MD WELLS **MD6000000332355**

Objectid:	332354	County let:	AA
Permit:	AA886116	Mgs id:	Not Reported
B1 seq:	9505	B1 recd:	16-MAY-91
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	J. A. PADGETT
Driller id:	MWD0377	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	FRIENDSHIP ROAD	Road side:	S
Road dista:	800 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	890000.00
N grid83:	168783.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	16-MAY-91	Special fl:	N
C1 seq:	5502	C1 recd:	19-JUN-91
Completion:	29-MAY-91	Total dept:	4.2E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	1.0E+000	Grout bott:	2.4E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.2E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.2E+001
Bottom scr:	4.2E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
30 **SW** **1/2 - 1 Mile** **Lower**	**MD WELLS**	**MD6000000034719**

Objectid:	34728	County let:	AA
Permit:	AA818359	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	16-APR-87
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	BUNKER, HAROLD H. JR
Driller id:	MWD0056	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	7.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	STONEY RUN
Section :	Not Reported	Lot:	Not Reported
Nearest to:	WESTINGHOUSE IND PK	Town dista:	1 MI
Road name:	STONY RUN RD	Road side:	N
Road dista:	1500FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	886000.00
N grid83:	167869.00	E grid83:	426239.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	16-APR-87	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	10-JUN-87
Completion:	29-APR-87	Total dept:	6.7E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.3E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	6.2E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	6.0E+001
Bottom scr:	6.7E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.0E+001	Level befo:	3.4E+001
Level duri:	5.9E+001	Test pump :	S
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

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31 **WSW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000376718**

Objectid:	376717	County let:	AA
Permit:	AA940776	Mgs id:	Not Reported
B1 seq:	7729	B1 recd:	19-AUG-96
City:	ELLICOTT CITY	State:	MD
Zip:	21043	Driller na:	DENTON J WOLFORD
Driller id:	MWD 288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	1.25E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	3
Road name:	1191 STONEY RUN ROAD	Road side:	E
Road dista:	15 FT	Tax map:	08
Block:	05	Parcel:	0175
N grid27:	491000.00	E grid27:	885000.00
N grid83:	168173.00	E grid83:	425934.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	19-AUG-96	Special fl:	Y
C1 seq:	2648	C1 recd:	06-SEP-96
Completion:	21-AUG-96	Total dept:	2.02E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	8.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.95E+002	Casing hei:	+1
Screen typ:	PL	Top screen:	1.95E+002
Bottom scr:	2.02E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	5.0E+001	Level befo:	8.5E+001
Level duri:	1.1E+002	Test pump :	A
Pump insta:	Y	Install pu:	S
Capacity:	1.0E+001	Pump hp:	7.5E-001
Column len:	1.5E+002	Closed:	A
Abandoned:	Not Reported	Abandon da:	Not Reported

G32
North
1/2 - 1 Mile
Lower

MD WELLS **MD6000000041492**

Objectid:	41554	County let:	AA
Permit:	AA884874	Mgs id:	Not Reported
B1 seq:	9735	B1 recd:	17-JUL-90
City:	ROCKVILLE	State:	MD
Zip:	20852	Driller na:	RICHARD D. SIES SR
Driller id:	MWD0342	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	RT 46	Road side:	E
Road dista:	80 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	888000.00
N grid83:	169393.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	17-JUL-90	Special fl:	N
C1 seq:	0915	C1 recd:	17-AUG-90

Completion:	14-AUG-90	Total dept:	2.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	2.0E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	2.0E+001
Bottom scr:	2.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

G33
North
1/2 - 1 Mile
Lower

MD WELLS **MD6000000041491**

Objectid:	41553	County let:	AA
Permit:	AA884873	Mgs id:	Not Reported
B1 seq:	9734	B1 recd:	17-JUL-90
City:	ROCKVILLE	State:	MD
Zip:	20852	Driller na:	RICHARD D. SIES SR
Driller id:	MWD0342	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	RT 46	Road side:	W
Road dista:	100 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	888000.00
N grid83:	169393.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	17-JUL-90	Special fl:	N
C1 seq:	0914	C1 recd:	17-JUL-90
Completion:	03-AUG-90	Total dept:	2.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	2.0E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	2.0E+001
Bottom scr:	2.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

G34
North
1/2 - 1 Mile
Lower

MD WELLS **MD6000000418480**

Objectid:	418489	County let:	AA
Permit:	AA941918	Mgs id:	Not Reported
B1 seq:	3319	B1 recd:	18-SEP-97
City:	LINTHICUM HGT	State:	MD
Zip:	21090	Driller na:	MICHAEL W HUBER
Driller id:	MGD 46	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM HEIGHTS	Town dista:	Not Reported
Road name:	ELKRIDGE LANDING RD	Road side:	W
Road dista:	750 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	888000.00
N grid83:	169393.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	18-SEP-97	Special fl:	Not Reported
C1 seq:	5087	C1 recd:	29-JUN-98
Completion:	23-SEP-97	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.1E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	2.5E+001	Casing hei:	+02
Screen typ:	PL	Top screen:	2.5E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	0
Level duri:	0	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	09-MAR-09

Map ID Direction Distance Elevation	Database	EDR ID Number
G35 **North** **1/2 - 1 Mile** **Lower**	**MD WELLS**	**MD6000000339047**

Objectid:	339046	County let:	AA
Permit:	AA920836	Mgs id:	Not Reported
B1 seq:	5317	B1 recd:	06-DEC-93
City:	CHICAGO	State:	IL
Zip:	60680	Driller na:	MICHAEL W. HUBER
Driller id:	MGD0046	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELKRIDGE LANDNNG RD	Road side:	W
Road dista:	600 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	888000.00
N grid83:	169393.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	08-DEC-93	Special fl:	N
C1 seq:	8401	C1 recd:	04-FEB-94
Completion:	09-DEC-93	Total dept:	5.8E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	4.6E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	4.8E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	4.8E+001
Bottom scr:	5.8E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

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36 **NE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000332135**

Objectid:	332134	County let:	AA
Permit:	AA886704	Mgs id:	Not Reported
B1 seq:	3621	B1 recd:	23-AUG-91
City:	LINTHICUM	State:	MD
Zip:	21076	Driller na:	PAUL SUIT
Driller id:	MWD0413	Est gpm pr:	0
Use for wa:	T		
Approx dep:	1.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	ELKRIDGE LANDING RD	Road side:	S
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	890000.00
N grid83:	169088.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	23-AUG-91	Special fl:	N
C1 seq:	9477	C1 recd:	18-SEP-91
Completion:	27-AUG-91	Total dept:	6.0E+000
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+000	Casing hei:	-1
Screen typ:	PL	Top screen:	3.0E+000
Bottom scr:	6.0E+000	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	10-MAR-09

H37
NNE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000339053**

Objectid:	339052	County let:	AA
Permit:	AA920842	Mgs id:	Not Reported
B1 seq:	5369	B1 recd:	10-DEC-93
City:	CHICAGO	State:	IL
Zip:	60680	Driller na:	MICHAEL W. HUBER
Driller id:	MWD0046	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELKRIDGE LANDING RD	Road side:	W
Road dista:	100 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	889000.00
N grid83:	169393.00	E grid83:	427153.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	10-DEC-93	Special fl:	N
C1 seq:	8469	C1 recd:	04-FEB-94

Completion:	10-DEC-93	Total dept:	5.6E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	4.3E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	0	Casing hei:	-0
Screen typ:	PL	Top screen:	4.6E+001
Bottom scr:	5.6E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	09-MAR-09

H38
NNE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000369139**

Objectid:	369138	County let:	AA
Permit:	AA930558	Mgs id:	Not Reported
B1 seq:	5357	B1 recd:	31-MAR-95
City:	LINTHICUM	State:	MD
Zip:	21240	Driller na:	MICHAEL W HUBER
Driller id:	MGD 046	Est gpm pr:	0
Use for wa:	T		
Approx dep:	3.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	WEST NURSERY ROAD	Road side:	E
Road dista:	600 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	889000.00
N grid83:	169393.00	E grid83:	427153.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	31-MAR-95	Special fl:	Not Reported
C1 seq:	5783	C1 recd:	28-JUN-95
Completion:	03-APR-95	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.6E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	2.0E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	2.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

39
South
1/2 - 1 Mile
Higher

MD WELLS **MD6000000452068**

Objectid:	452067	County let:	AA
Permit:	AA948479	Mgs id:	Not Reported
B1 seq:	7406	B1 recd:	05-SEP-02
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	MICHAEL W HUBER
Driller id:	MWD 336	Est gpm pr:	0
Use for wa:	T		
Approx dep:	3.3E+002	Drill meth:	BORED
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	TIMBER RIDGE
Section :	Not Reported	Lot:	86
Nearest to:	HANOVER	Town dista:	Not Reported
Road name:	919 HILLCREST RD	Road side:	N
Road dista:	Not Reported	Tax map:	8
Block:	24	Parcel:	357
N grid27:	489000.00	E grid27:	888000.00
N grid83:	167564.00	E grid83:	426848.00
Lat dec de:	39.18	Lon dec de:	76.69
Issue date:	09-SEP-02	Special fl:	Y
C1 seq:	9079	C1 recd:	10-OCT-02
Completion:	17-SEP-02	Total dept:	4.05E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.8E+002
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.9E+002	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	3.9E+002
Bottom scr:	4.05E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
I40 **SE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000011744**

Objectid:	11743	County let:	AA
Permit:	AA720497	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	26-OCT-71
City:	GLEN BURNIE	State:	MD
Zip:	Not Reported	Driller na:	BRANHAM WELL DRLG
Driller id:	MWD0080	Est gpm pr:	1.2E+001
Use for wa:	DW		
Approx dep:	6.0E+001	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	FERNDALE
Section :	Not Reported	Lot:	58
Nearest to:	FERNDALE	Town dista:	2 MI
Road name:	WICKLOW RD	Road side:	N
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	890000.00
N grid83:	167869.00	E grid83:	427458.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	26-OCT-71	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	17-NOV-71
Completion:	03-NOV-71	Total dept:	6.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	3.0E+000	Grout bott:	2.3E+001
Casing typ:	ST	Casing dia:	4.0E+000
Casing dep:	5.3E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	5.3E+001
Bottom scr:	6.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	8.0E+000	Level befo:	2.0E+001
Level duri:	3.6E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

I41 **SE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000024391**

Objectid:	24406	County let:	AA
Permit:	AA741936	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	08-MAY-80
City:	HANOVER	State:	MD
Zip:	Not Reported	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	1.25E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	HANOVER

Section :	Not Reported	Lot:	2
Nearest to:	HANOVER	Town dista:	0 MI
Road name:	7512 RIDGE RD	Road side:	N
Road dista:	65 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	890000.00
N grid83:	167869.00	E grid83:	427458.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	07-MAY-80	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	16-SEP-80
Completion:	05-AUG-80	Total dept:	8.8E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	6.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	8.1E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	8.1E+001
Bottom scr:	8.8E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	2.5E+001	Level befo:	5.3E+001
Level duri:	7.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	1.0E+000
Column len:	7.5E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

I42
SE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000239019**

Objectid:	239018	County let:	MO
Permit:	MO730096	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	30-OCT-72
City:	BROOKVILLE	State:	MD
Zip:	Not Reported	Driller na:	KEYSER, AUSTIN R INC
Driller id:	MWD0147	Est gpm pr:	5.0E+000
Use for wa:	DW		
Approx dep:	1.0E+002	Drill meth:	AIR-PER
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	GOULDS BRANCH
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BROOKVILLE	Town dista:	1 MI
Road name:	RT 97	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	890000.00
N grid83:	167869.00	E grid83:	427458.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	02-FEB-72	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	12-MAR-73

Completion:	27-JAN-73	Total dept:	1.02E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	4.3E+001
Casing typ:	ST	Casing dia:	6.0E+000
Casing dep:	4.5E+001	Casing hei:	+02
Screen typ:	HO	Top screen:	4.3E+001
Bottom scr:	1.02E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	2.0E+001	Level befo:	3.5E+001
Level duri:	0	Test pump :	A
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

J43
SW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000016363**

Objectid:	16362	County let:	AA
Permit:	AA733773	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	24-OCT-74
City:	HANOVER,	State:	MD
Zip:	Not Reported	Driller na:	BRANHAM WELL DRLG
Driller id:	MWD0080	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.25E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	2
Nearest to:	HARMONS	Town dista:	0 MI
Road name:	STONEY RUN RD	Road side:	N
Road dista:	45	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	885000.00
N grid83:	167869.00	E grid83:	425934.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	25-OCT-74	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	14-NOV-74
Completion:	01-NOV-74	Total dept:	2.6E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	4.0E+000	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.53E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	2.53E+002
Bottom scr:	2.6E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	4.0E+000
Pumping ra:	1.5E+001	Level befo:	1.4E+002
Level duri:	1.75E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	6.0E+000	Pump hp:	1.0E+000
Column len:	2.0E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

J44
SW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000016234**

Objectid:	16233	County let:	AA
Permit:	AA733641	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	30-SEP-74
City:	SEVERN	State:	MD
Zip:	Not Reported	Driller na:	GREER, H J DRLG CO
Driller id:	MWD0136	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.25E+002	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	2 MI
Road name:	STONEY RUN RD	Road side:	S
Road dista:	50 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	885000.00
N grid83:	167869.00	E grid83:	425934.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	27-SEP-74	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	13-FEB-75
Completion:	23-OCT-74	Total dept:	1.98E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.93E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.93E+002
Bottom scr:	1.98E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	2.0E+001	Level befo:	1.1E+002
Level duri:	1.2E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.5E+001	Pump hp:	1.0E+000
Column len:	1.7E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
J45 **SW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000014815**

Objectid:	14814	County let:	AA
Permit:	AA732201	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	18-OCT-73
City:	HANOVER	State:	MD
Zip:	Not Reported	Driller na:	FRANK'S WELL DRLG CO
Driller id:	MWD0005	Est gpm pr:	7.0E+000
Use for wa:	DW		
Approx dep:	1.5E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	0 MI
Road name:	STONEY RUN	Road side:	N
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	885000.00
N grid83:	167869.00	E grid83:	425934.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	18-OCT-73	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	31-OCT-73
Completion:	24-OCT-73	Total dept:	1.62E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.57E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.57E+002
Bottom scr:	1.62E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	2.0E+001	Level befo:	6.0E+001
Level duri:	7.5E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	7.0E+000	Pump hp:	1.0E+000
Column len:	8.0E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

J46 **SW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000017814**

Objectid:	17813	County let:	AA
Permit:	AA735239	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	04-NOV-75
City:	MILLERSVILLE	State:	MD
Zip:	21108	Driller na:	HOUSTON, JOHN B
Driller id:	MWD0234	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	8.0E+001	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BENTWOOD

Section :	Not Reported	Lot:	5
Nearest to:	HANOVER	Town dista:	2 MI
Road name:	BENTWOOD RD	Road side:	S
Road dista:	30 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	885000.00
N grid83:	167869.00	E grid83:	425934.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	04-NOV-75	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	05-JAN-76
Completion:	08-NOV-75	Total dept:	1.97E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.9E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.87E+002
Bottom scr:	1.97E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	3.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	3.0E+000
Pumping ra:	1.2E+001	Level befo:	9.2E+001
Level duri:	1.97E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	1.0E+000
Column len:	1.3E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

J47
SW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000024383**

Objectid:	24398	County let:	AA
Permit:	AA741928	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	28-APR-80
City:	PHILADELPHIA	State:	PA
Zip:	19103	Driller na:	COCHRAN, SANDY B.
Driller id:	MWD0120	Est gpm pr:	5.0E+000
Use for wa:	I		
Approx dep:	1.5E+002	Drill meth:	AIR-PER
Replacemen:	N	Replace pe:	Not Reported
Wapid:	AA1980G016	Subdivisio:	B W I RAIL STATION
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2 MI
Road name:	MD RT 170	Road side:	W
Road dista:	500 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	885000.00
N grid83:	167869.00	E grid83:	425934.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	28-APR-80	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	17-JUN-80

Completion:	12-JUN-80	Total dept:	1.4E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	4.0E+000	Grout bott:	1.21E+002
Casing typ:	ST	Casing dia:	6.0E+000
Casing dep:	1.3E+002	Casing hei:	+02
Screen typ:	ST	Top screen:	1.3E+002
Bottom scr:	1.4E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	4.0E+000
Pumping ra:	3.0E+001	Level befo:	2.6E+001
Level duri:	4.0E+001	Test pump :	S
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

J48
SW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000023874**

Objectid:	23899	County let:	AA
Permit:	AA741413	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	06-NOV-79
City:	HANOVER	State:	MD
Zip:	Not Reported	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	1.3E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	HANOVER
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	0 MI
Road name:	1198 STONEY RUN RD	Road side:	N
Road dista:	65 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	885000.00
N grid83:	167869.00	E grid83:	425934.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	06-NOV-79	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	04-DEC-79
Completion:	12-NOV-79	Total dept:	1.57E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	1.52E+002
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.5E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.5E+002
Bottom scr:	1.57E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	3.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.5E+001	Level befo:	7.7E+001
Level duri:	1.57E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	1.0E+000
Column len:	1.4E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

J49
SW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000020717**

Objectid:	20716	County let:	AA
Permit:	AA738192	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	10-OCT-77
City:	LINTHICUM	State:	MD
Zip:	Not Reported	Driller na:	GREER, H J DRLG CO
Driller id:	MWD0136	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	8.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	3 MI
Road name:	STONEY RUN RD	Road side:	N
Road dista:	35 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	885000.00
N grid83:	167869.00	E grid83:	425934.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	07-OCT-77	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	23-DEC-77
Completion:	01-NOV-77	Total dept:	5.7E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	2.8E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.2E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	5.2E+001
Bottom scr:	5.7E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.2E+001	Level befo:	3.5E+001
Level duri:	4.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.2E+001	Pump hp:	1.0E+000
Column len:	4.5E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
K50 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000338863**

Objectid:	338862	County let:	AA
Permit:	AA920636	Mgs id:	Not Reported
B1 seq:	5085	B1 recd:	29-OCT-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	BRENARD J. TAYLOR
Driller id:	MWD0430	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	ELM RD	Road side:	N
Road dista:	60 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	891000.00
N grid83:	168478.00	E grid83:	427763.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	29-OCT-93	Special fl:	N
C1 seq:	7491	C1 recd:	07-DEC-93
Completion:	01-NOV-93	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.8E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.5E+001	Casing hei:	+0
Screen typ:	PL	Top screen:	2.5E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	4.2E+001
Level duri:	0	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

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51 **SSE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000503071**

Objectid:	503070	County let:	AA
Permit:	AA952879	Mgs id:	Not Reported
B1 seq:	2244	B1 recd:	29-MAR-07
City:	BALTIMORE	State:	MD
Zip:	21202	Driller na:	DAVID B HARTMAN
Driller id:	MWD 517	Est gpm pr:	0
Use for wa:	I		
Approx dep:	4.0E+001	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI TRAIL

Section :	Not Reported	Lot:	Not Reported
Nearest to:	SEVERN	Town dista:	2
Road name:	MD ROUTE 652	Road side:	E
Road dista:	3 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	489000.00	E grid27:	889000.00
N grid83:	167564.00	E grid83:	427153.00
Lat dec de:	39.18	Lon dec de:	76.69
Issue date:	29-MAR-07	Special fl:	Not Reported
C1 seq:	9487	C1 recd:	19-APR-07
Completion:	05-APR-07	Total dept:	4.5E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	3.0E+000
Casing typ:	PL	Casing dia:	8.0E+000
Casing dep:	5.0E+000	Casing hei:	+1
Screen typ:	PL	Top screen:	5.0E+000
Bottom scr:	4.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	8.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	2.5E+001	Level befo:	1.0E+000
Level duri:	2.5E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

52
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000436623**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391133076410301		
Monloc name:	AA Ac 34		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1926077
Longitude:	-76.6838578	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	120
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patuxent Formation		

Aquifer type:	Not Reported		
Construction date:	19590209	Welldepth:	288
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1959-02-09	74	

53
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000044240**

Objectid:	44239	County let:	AA
Permit:	AA888482	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	31-AUG-92
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	CONNELLY, WALTER T.
Driller id:	MWD0462	Est gpm pr:	0
Use for wa:	T		
Approx dep:	7.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	MW-1
Nearest to:	LINTHICUM	Town dista:	1 MI
Road name:	SPRING ROAD	Road side:	W
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	891000.00
N grid83:	168783.00	E grid83:	427763.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	31-AUG-92	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	18-SEP-92
Completion:	09-SEP-92	Total dept:	9.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	8.2E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	8.5E+001	Casing hei:	-00
Screen typ:	PL	Top screen:	8.5E+001
Bottom scr:	9.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	O
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	30-APR-97

Map ID Direction Distance Elevation	Database	EDR ID Number
L54 **WSW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000489840**

Objectid:	489839	County let:	Not Reported
Permit:	AA951523	Mgs id:	Not Reported
B1 seq:	1624	B1 recd:	22-SEP-05
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	BRUCE H SCHLAICH
Driller id:	MGD 37	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	2.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	1
Road name:	CORPORATE CENTER DR	Road side:	E
Road dista:	Not Reported	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	491000.00	E grid27:	884000.00
N grid83:	168173.00	E grid83:	425629.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	23-SEP-05	Special fl:	Not Reported
C1 seq:	9392	C1 recd:	13-OCT-05
Completion:	23-SEP-05	Total dept:	2.0E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.0E+000
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	5.0E+000	Casing hei:	+2
Screen typ:	PL	Top screen:	5.0E+000
Bottom scr:	2.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

M55 **NE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000013251**

Objectid:	13250	County let:	AA
Permit:	AA730630	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	28-NOV-72
City:	LINTHICUM	State:	MD
Zip:	Not Reported	Driller na:	FRANK'S WELL DRLG CO
Driller id:	MWD0005	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.2E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2 MI
Road name:	FURNACE RD	Road side:	E
Road dista:	70 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	890000.00
N grid83:	169393.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-NOV-72	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	02-JAN-73
Completion:	19-DEC-72	Total dept:	1.65E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.0E+001
Casing typ:	ST	Casing dia:	4.0E+000
Casing dep:	1.6E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.6E+002
Bottom scr:	1.65E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.2E+001	Level befo:	1.05E+002
Level duri:	9.5E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	7.0E+000	Pump hp:	1.0E+000
Column len:	1.4E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

M56
NE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000013384**

Objectid:	13383	County let:	AA
Permit:	AA730763	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	04-JAN-73
City:	LINTHICUM	State:	MD
Zip:	Not Reported	Driller na:	FRANK'S WELL DRLG CO
Driller id:	MWD0005	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	2.0E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2 MI
Road name:	FURNACE RD	Road side:	E
Road dista:	60 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	890000.00
N grid83:	169393.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	04-JAN-73	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	30-JAN-73

Completion:	11-JAN-73	Total dept:	2.15E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.0E+001
Casing typ:	ST	Casing dia:	4.0E+000
Casing dep:	2.1E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	2.1E+002
Bottom scr:	2.15E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.2E+001	Level befo:	1.6E+002
Level duri:	1.7E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	7.0E+000	Pump hp:	1.0E+000
Column len:	2.1E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

M57
NE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000011553**

Objectid:	10872	County let:	AA
Permit:	AA720304	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	10-SEP-71
City:	PASADENA	State:	MD
Zip:	Not Reported	Driller na:	BRANHAM WELL DRLG
Driller id:	MWD0080	Est gpm pr:	1.2E+001
Use for wa:	DW		
Approx dep:	1.3E+002	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	17
Nearest to:	LINTHICUM	Town dista:	2 MI
Road name:	WASSEN AVE	Road side:	E
Road dista:	100 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	890000.00
N grid83:	169393.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	09-SEP-71	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	28-SEP-71
Completion:	24-SEP-71	Total dept:	1.5E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	3.0E+000	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.43E+002	Casing hei:	+02
Screen typ:	PL	Top screen:	1.43E+002
Bottom scr:	1.5E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.0E+001	Level befo:	9.5E+001
Level duri:	1.1E+002	Test pump :	S
Pump insta:	Not Reported	Install pu:	S
Capacity:	8.0E+000	Pump hp:	1.0E+000
Column len:	8.0E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

M58
NE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000010904**

Objectid:	10958	County let:	AA
Permit:	AA710768	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	05-APR-71
City:	LINTHICUM HGTS	State:	MD
Zip:	Not Reported	Driller na:	FRANK'S WELL DRLG CO
Driller id:	MWD0005	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	7.0E+001	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	15
Nearest to:	LINTHICUM HEIGHTS	Town dista:	2 MI
Road name:	WARREN AVENUE	Road side:	E
Road dista:	75 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	890000.00
N grid83:	169393.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	22-MAR-71	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	20-APR-71
Completion:	05-APR-71	Total dept:	8.9E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.0E+001
Casing typ:	ST	Casing dia:	4.0E+000
Casing dep:	8.4E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	8.4E+001
Bottom scr:	8.9E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.1E+001	Level befo:	6.0E+001
Level duri:	7.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	7.0E+000	Pump hp:	1.0E+000
Column len:	7.5E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
M59 **NE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000015560**

Objectid:	15559	County let:	AA
Permit:	AA732956	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	03-MAY-74
City:	ANDOVER	State:	MD
Zip:	Not Reported	Driller na:	BRANHAM WELL DRLG
Driller id:	MWD0080	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.0E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1 MI
Road name:	ANDOVER RD	Road side:	S
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	890000.00
N grid83:	169393.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	03-MAY-74	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	16-MAY-74
Completion:	13-MAY-74	Total dept:	1.55E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	5.0E+000	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.4E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	1.48E+002
Bottom scr:	1.55E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.5E+001	Level befo:	9.0E+001
Level duri:	1.0E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	6.0E+000	Pump hp:	1.0E+000
Column len:	1.45E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

M60 **NE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000021313**

Objectid:	21312	County let:	AA
Permit:	AA738791	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	16-MAR-78
City:	LINTHICUM	State:	MD
Zip:	Not Reported	Driller na:	GREER, H J DRLG CO
Driller id:	MWD0136	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.0E+002	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	LINTHICUM HEIGHTS

Section :	Not Reported	Lot:	229
Nearest to:	LINTHICUM	Town dista:	0 MI
Road name:	HARRISON AVE	Road side:	E
Road dista:	65 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	890000.00
N grid83:	169393.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	15-MAR-78	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	08-JUN-78
Completion:	19-APR-78	Total dept:	1.4E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	2.7E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.35E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.35E+002
Bottom scr:	1.4E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.2E+001	Level befo:	1.05E+002
Level duri:	1.1E+002	Test pump :	S
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	1.0E+000
Column len:	1.3E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

M61
NE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000024345**

Objectid:	24360	County let:	AA
Permit:	AA741890	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	23-APR-80
City:	BALTIMORE	State:	MD
Zip:	Not Reported	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	I		
Approx dep:	1.0E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	AA1980G015	Subdivisio:	B W I AIRPORT
Section :	Not Reported	Lot:	Not Reported
Nearest to:	B W I AIRPORT	Town dista:	0 MI
Road name:	DORSEY RD	Road side:	N
Road dista:	FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	890000.00
N grid83:	169393.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	08-APR-80	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	19-MAY-80

Completion:	09-MAY-80	Total dept:	1.23E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	1.13E+002
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.16E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.16E+002
Bottom scr:	1.23E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	3.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.5E+001	Level befo:	6.5E+001
Level duri:	9.5E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	1.5E+001	Pump hp:	0
Column len:	1.04E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

M62
NE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000017624**

Objectid:	17623	County let:	AA
Permit:	AA735046	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	11-SEP-75
City:	LINTHICUM	State:	MD
Zip:	Not Reported	Driller na:	BRANHAM WELL DRLG
Driller id:	MWD0080	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.25E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	ANDOVER GARDENS
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1 MI
Road name:	MAIN AVE	Road side:	N
Road dista:	75 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	890000.00
N grid83:	169393.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	09-SEP-75	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	02-MAY-89
Completion:	12-SEP-75	Total dept:	1.25E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	5.0E+000	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.18E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.18E+002
Bottom scr:	1.25E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	3.0E+001	Level befo:	5.1E+001
Level duri:	7.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	6.0E+000	Pump hp:	1.0E+000
Column len:	8.0E+001	Closed:	A
Abandoned:	Not Reported	Abandon da:	Not Reported

M63
NE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000020585**

Objectid:	20584	County let:	AA
Permit:	AA738061	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	16-SEP-77
City:	LINTHICUM HEIGHTS	State:	MD
Zip:	Not Reported	Driller na:	FRANK'S WELL DRLG CO
Driller id:	MWD0005	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	8.5E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM HEIGHTS	Town dista:	0 MI
Road name:	FURNACE RD	Road side:	N
Road dista:	100 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	890000.00
N grid83:	169393.00	E grid83:	427458.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	15-SEP-77	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	14-OCT-77
Completion:	10-OCT-77	Total dept:	2.0E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.95E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.95E+002
Bottom scr:	2.0E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	8.0E+000	Level befo:	1.57E+002
Level duri:	1.6E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	5.0E+000	Pump hp:	1.0E+000
Column len:	1.85E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
N64 **NW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000014691**

Objectid:	14690	County let:	AA
Permit:	AA732077	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	26-SEP-73
City:	HANOVER	State:	MD
Zip:	Not Reported	Driller na:	FRANK'S WELL DRLG CO
Driller id:	MWD0005	Est gpm pr:	7.0E+000
Use for wa:	DW		
Approx dep:	1.78E+002	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	ELKRIDGE	Town dista:	1 MI
Road name:	RIDGE RD	Road side:	W
Road dista:	60 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	885000.00
N grid83:	169393.00	E grid83:	425934.00
Lat dec de:	39.19	Lon dec de:	76.70
Issue date:	25-SEP-73	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	26-NOV-73
Completion:	19-NOV-73	Total dept:	1.6E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.0E+001
Casing typ:	ST	Casing dia:	4.0E+000
Casing dep:	1.53E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.53E+002
Bottom scr:	1.6E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.5E+001	Level befo:	1.15E+002
Level duri:	1.25E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	7.0E+000	Pump hp:	1.0E+000
Column len:	1.45E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

N65 **NW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000024650**

Objectid:	24665	County let:	AA
Permit:	AA742198	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	14-AUG-80
City:	LINTHICUM HTS	State:	MD
Zip:	Not Reported	Driller na:	FRANK, WALTER J.
Driller id:	MWD0005	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	2.0E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	ELKRIDGE	Town dista:	4 MI
Road name:	ELKRIDGE LANDING	Road side:	N
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	495000.00	E grid27:	885000.00
N grid83:	169393.00	E grid83:	425934.00
Lat dec de:	39.19	Lon dec de:	76.70
Issue date:	25-JUL-80	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	04-SEP-80
Completion:	05-AUG-80	Total dept:	2.12E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.4E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.05E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	2.05E+002
Bottom scr:	2.12E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.0E+001	Level befo:	1.4E+002
Level duri:	1.5E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	8.0E+000	Pump hp:	7.5E-001
Column len:	1.9E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

O66
North
1/2 - 1 Mile
Higher

MD WELLS **MD6000000365029**

Objectid:	365028	County let:	AA
Permit:	AA920616	Mgs id:	Not Reported
B1 seq:	9689	B1 recd:	26-OCT-93
City:	BROOKLANDVILL	State:	MD
Zip:	21022	Driller na:	DALE BYRD
Driller id:	MWD0994	Est gpm pr:	0
Use for wa:	T		
Approx dep:	8.0E+000	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2
Road name:	NB 295 RAMP TO BWI	Road side:	S
Road dista:	600 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	496000.00	E grid27:	888000.00
N grid83:	169697.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	26-OCT-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	Not Reported

Completion:	Not Reported	Total dept:	0
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Not Reported	Grout type:	Not Reported
Grout top:	0	Grout bott:	0
Casing typ:	Not Reported	Casing dia:	0
Casing dep:	0	Casing hei:	Not Reported
Screen typ:	Not Reported	Top screen:	0
Bottom scr:	0	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

O67
North
1/2 - 1 Mile
Higher

MD WELLS **MD6000000365028**

Objectid:	365027	County let:	AA
Permit:	AA920615	Mgs id:	Not Reported
B1 seq:	9688	B1 recd:	26-OCT-93
City:	BROOKLANDVILL	State:	MD
Zip:	21022	Driller na:	DALE BYRD
Driller id:	MWD0994	Est gpm pr:	0
Use for wa:	T		
Approx dep:	8.0E+000	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2
Road name:	NB 295 RAMP TO BWI	Road side:	S
Road dista:	460 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	496000.00	E grid27:	888000.00
N grid83:	169697.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	26-OCT-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	Not Reported
Completion:	Not Reported	Total dept:	0
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Not Reported	Grout type:	Not Reported
Grout top:	0	Grout bott:	0
Casing typ:	Not Reported	Casing dia:	0
Casing dep:	0	Casing hei:	Not Reported
Screen typ:	Not Reported	Top screen:	0
Bottom scr:	0	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

O68
North
1/2 - 1 Mile
Higher

MD WELLS **MD6000000365030**

Objectid:	365029	County let:	AA
Permit:	AA920617	Mgs id:	Not Reported
B1 seq:	9690	B1 recd:	26-OCT-93
City:	BROOKLANDVILL	State:	MD
Zip:	21022	Driller na:	DALE BYRD
Driller id:	MWD0994	Est gpm pr:	0
Use for wa:	T		
Approx dep:	8.0E+000	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2
Road name:	NB 295 RAMP TO BWI	Road side:	S
Road dista:	360 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	496000.00	E grid27:	888000.00
N grid83:	169697.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	26-OCT-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	Not Reported
Completion:	Not Reported	Total dept:	0
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Not Reported	Grout type:	Not Reported
Grout top:	0	Grout bott:	0
Casing typ:	Not Reported	Casing dia:	0
Casing dep:	0	Casing hei:	Not Reported
Screen typ:	Not Reported	Top screen:	0
Bottom scr:	0	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
O69 **North** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000418478**

Objectid:	418487	County let:	AA
Permit:	AA941916	Mgs id:	Not Reported
B1 seq:	3317	B1 recd:	18-SEP-97
City:	LINTHICUM HGT	State:	MD
Zip:	21090	Driller na:	MICHAEL W HUBER
Driller id:	MGD 46	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	BORED
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM HEIGHTS	Town dista:	Not Reported
Road name:	ELKRIDGE LANDING RD	Road side:	W
Road dista:	650 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	496000.00	E grid27:	888000.00
N grid83:	169697.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	18-SEP-97	Special fl:	Not Reported
C1 seq:	5089	C1 recd:	29-JUN-98
Completion:	26-SEP-97	Total dept:	5.1E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.7E+001
Casing typ:	PL	Casing dia:	6.0E+000
Casing dep:	3.1E+001	Casing hei:	+02
Screen typ:	PL	Top screen:	3.1E+001
Bottom scr:	5.1E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	6.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	0
Level duri:	0	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	09-MAR-09

O70 **North** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000365037**

Objectid:	365036	County let:	AA
Permit:	AA920614	Mgs id:	Not Reported
B1 seq:	9687	B1 recd:	26-OCT-93
City:	BROOKLANDVILL	State:	MD
Zip:	21022	Driller na:	DALE BYRD
Driller id:	MWD0994	Est gpm pr:	0
Use for wa:	T		
Approx dep:	8.0E+000	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2
Road name:	NB 295 RAMP TO BWI	Road side:	S
Road dista:	180 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	496000.00	E grid27:	888000.00
N grid83:	169697.00	E grid83:	426848.00
Lat dec de:	39.19	Lon dec de:	76.69
Issue date:	26-OCT-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	Not Reported
Completion:	Not Reported	Total dept:	0
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Not Reported	Grout type:	Not Reported
Grout top:	0	Grout bott:	0
Casing typ:	Not Reported	Casing dia:	0
Casing dep:	0	Casing hei:	Not Reported
Screen typ:	Not Reported	Top screen:	0
Bottom scr:	0	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

K71
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000436396**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391101076404001		
Monloc name:	AA Ac 11		
Monloc type:	Well		
Monloc desc:	See C185.		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1838333
Longitude:	-76.6773889	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	136.9
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Altimeter		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patuxent Formation		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Confined single aquifer		
Construction date:	19480423	Welldepth:	320
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 449

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-09-20	134.74		2004-04-13	133.65	
2004-02-15	132.86		2004-02-10	132.90	
2004-01-20	133.35		2003-12-10	134.20	
2003-11-17	134.54		2003-10-24	134.81	
2003-09-30	131.97		2003-08-27	132.40	
2003-07-17	132.24		2003-06-25	128.82	
2003-05-27	128.30		2003-04-28	128.86	
2003-03-31	128.79		2003-03-04	128.38	
2003-01-30	130.08		2002-12-18	131.04	
2002-11-27	131.42		2002-10-31	131.97	
2002-09-30	132.33		2002-09-05	131.72	
2002-07-30	130.50		2002-06-27	129.76	
2002-05-31	128.61		2002-04-25	122.80	
2002-03-28	121.63		2002-02-28	118.81	
2002-01-25	123.31		2001-12-27	125.38	
2001-12-04	125.60		2001-10-24	124.95	
2001-08-22	125.31		2001-07-25	125.00	
2001-06-28	124.42		2001-05-24	122.80	
2001-04-26	118.21		2001-03-19	118.05	
2001-02-01	119.93		2001-01-02	120.07	
2000-12-01	120.60		2000-11-02	121.65	
2000-10-02	122.29		2000-09-06	121.45	
2000-08-01	119.34		2000-07-06	120.17	
2000-06-05	121.06		2000-05-03	116.27	
2000-04-05	118.83		2000-03-01	118.82	
2000-02-03	118.96		2000-01-05	119.21	
1999-12-02	119.18		1999-11-03	118.00	
1999-10-01	119.46		1999-09-02	122.00	
1999-08-03	121.49		1999-07-06	119.29	
1999-06-02	117.92		1999-05-03	117.85	
1999-04-03	115.45		1999-03-01	120.74	
1999-02-03	121.72		1999-01-06	121.83	
1998-12-09	121.09		1998-11-04	123.57	
1998-10-05	123.83		1998-09-01	123.76	
1998-08-04	122.58		1998-07-06	121.46	
1998-06-03	120.43		1998-05-08	120.21	
1998-04-03	120.49		1998-03-05	121.72	
1998-02-06	121.04		1998-01-06	122.44	
1997-12-03	123.01		1997-11-04	123.61	
1997-10-06	124.05		1997-09-04	124.33	
1997-07-30	123.87		1997-06-27	121.35	
1997-06-05	120.34		1997-05-01	119.52	
1997-04-02	119.83		1997-03-07	118.50	
1997-02-04	116.61		1997-01-07	116.84	
1996-12-03	117.15		1996-11-04	118.44	
1996-10-02	123.87		1996-09-09	123.83	
1996-08-01	123.68		1996-07-09	123.47	
1996-06-05	122.70		1996-05-02	121.00	
1996-04-03	117.87		1996-03-11	121.23	
1996-02-13	121.19		1995-12-08	123.59	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1995-11-09	124.29	
1995-09-07	124.88	
1995-07-11	123.14	
1995-05-08	117.26	
1995-03-02	100.13	
1995-01-09	108.61	
1994-11-03	114.05	
1994-09-12	108.63	
1994-07-11	119.93	
1994-05-10	116.98	
1994-03-11	117.86	
1994-01-05	117.27	
1993-11-04	118.42	
1993-09-01	119.55	
1993-07-09	118.44	
1993-05-07	114.58	
1993-03-03	120.51	
1993-01-06	120.53	
1992-11-04	120.06	
1992-09-04	120.09	
1992-07-13	120.89	
1992-05-01	119.44	
1992-03-03	118.46	
1992-01-06	116.59	
1991-12-01	119.65	
1991-09-03	120.60	
1991-07-02	119.62	
1991-05-02	117.63	
1991-03-06	118.20	
1991-01-04	118.11	
1990-11-01	117.36	
1990-09-04	114.94	
1990-07-02	112.43	
1990-05-02	108.78	
1990-03-05	112.40	
1990-01-03	113.38	
1989-11-02	113.09	
1989-09-05	111.57	
1989-07-07	111.23	
1989-05-03	103.44	
1989-03-03	100.38	
1989-01-03	110.60	
1988-09-30	115.78	
1988-08-02	117.69	
1988-06-03	113.61	
1988-04-12	117.84	
1988-02-03	122.34	
1987-12-03	122.85	
1987-10-01	123.46	
1987-08-05	124.13	
1987-06-04	122.66	
1987-04-09	121.42	
1987-02-05	121.50	
1986-12-04	123.62	
1986-10-09	125.12	

Date	Feet below Surface	Feet to Sealevel
1995-10-12	125.00	
1995-08-09	123.16	
1995-06-14	121.82	
1995-04-13	109.88	
1995-02-08	104.47	
1994-12-09	120.98	
1994-10-07	107.10	
1994-08-04	119.73	
1994-06-01	115.55	
1994-04-08	117.73	
1994-02-03	117.66	
1993-12-07	116.73	
1993-10-08	114.44	
1993-08-05	119.64	
1993-06-03	114.82	
1993-04-06	118.40	
1993-02-04	120.32	
1992-12-03	120.81	
1992-10-05	119.99	
1992-08-10	121.27	
1992-06-02	120.28	
1992-04-01	118.94	
1992-02-03	118.73	
1991-12-06	114.64	
1991-10-02	117.78	
1991-08-02	119.37	
1991-06-07	117.99	
1991-04-02	118.17	
1991-02-04	118.45	
1990-12-05	115.85	
1990-10-01	116.68	
1990-08-01	112.42	
1990-06-06	111.55	
1990-04-02	110.17	
1990-02-01	113.20	
1989-12-04	113.05	
1989-10-03	111.96	
1989-08-03	111.15	
1989-06-01	108.66	
1989-04-10	97.64	
1989-02-02	107.93	
1988-12-05	112.33	
1988-09-01	118.50	
1988-06-30	113.84	
1988-05-04	116.98	
1988-03-01	122.02	
1988-01-07	122.79	
1987-11-04	122.25	
1987-09-03	124.65	
1987-07-02	123.22	
1987-05-06	120.79	
1987-03-04	121.38	
1987-01-06	123.33	
1986-11-06	123.95	
1986-09-03	124.33	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1986-07-30	123.98	
1986-06-04	121.97	
1986-04-01	119.14	
1986-02-05	119.54	
1985-12-03	119.98	
1985-10-01	120.42	
1985-08-05	117.63	
1985-05-30	117.39	
1985-03-28	116.13	
1985-02-05	112.83	
1984-12-04	114.15	
1984-10-02	116.72	
1984-08-03	117.09	
1984-06-05	117.18	
1984-04-09	116.79	
1984-02-07	121.78	
1983-11-09	117.97	
1983-09-02	114.98	
1983-07-06	114.46	
1983-05-05	115.09	
1983-03-01	116.03	
1983-01-03	117.76	
1982-11-03	117.85	
1982-09-21	119.84	
1982-07-20	117.79	
1982-04-23	115.05	
1982-02-05	106.54	
1981-11-24	112.78	
1981-09-11	113.77	
1981-07-02	115.62	
1981-04-20	111.32	
1981-02-09	110.64	
1980-12-18	112.49	
1980-10-15	114.31	
1980-07-10	111.57	
1980-03-07	109.69	
1980-01-02	110.19	
1979-06-21	105.40	
1979-03-09	104.91	
1978-11-17	101.34	
1978-09-15	103.90	
1978-07-18	104.33	
1978-05-19	104.08	
1977-12-30	104.93	
1977-10-21	106.59	
1977-05-13	108.00	
1976-12-30	106.01	
1976-07-02	106.01	
1976-03-18	105.03	
1975-12-31	104.90	
1975-07-30	104.49	
1975-05-02	103.18	
1975-02-11	100.74	
1974-11-13	100.69	
1974-09-06	103.30	

Date	Feet below Surface	Feet to Sealevel
1986-07-08	123.57	
1986-05-09	120.63	
1986-03-03	119.27	
1986-01-02	120.21	
1985-11-05	119.71	
1985-09-06	119.91	
1985-07-03	117.14	
1985-05-01	116.88	
1985-03-07	115.18	
1985-01-07	112.90	
1984-11-07	119.12	
1984-08-29	116.93	
1984-07-05	117.34	
1984-05-02	117.30	
1984-03-01	118.32	
1984-01-03	117.97	
1983-10-05	118.12	
1983-08-04	114.95	
1983-06-03	116.42	
1983-04-01	116.30	
1983-02-01	116.55	
1982-11-26	118.50	
1982-10-15	118.55	
1982-08-12	117.89	
1982-06-03	115.33	
1982-03-09	113.75	
1982-01-07	109.75	
1981-10-23	113.51	
1981-07-31	114.59	
1981-06-09	115.65	
1981-03-19	109.23	
1981-01-06	112.45	
1980-11-26	114.12	
1980-08-14	114.95	
1980-06-05	104.30	
1980-02-01	110.35	
1979-07-27	106.72	
1979-05-04	104.97	
1979-01-05	104.68	
1978-10-13	103.12	
1978-08-18	103.58	
1978-06-22	104.22	
1978-04-05	104.34	
1977-12-02	105.27	
1977-08-12	109.03	
1977-02-18	106.38	
1976-11-08	106.92	
1976-05-06	105.71	
1976-02-10	104.92	
1975-11-19	105.24	
1975-06-12	105.09	
1975-03-26	100.84	
1974-12-30	100.43	
1974-10-10	102.13	
1974-08-02	104.27	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1974-07-01	102.62	
1974-05-01	101.33	
1974-02-05	102.11	
1973-12-03	100.00	
1973-07-30	103.70	
1973-04-30	101.62	
1973-02-05	101.33	
1972-09-12	104.27	
1972-05-11	101.11	
1972-02-03	99.30	
1971-12-22	99.70	
1971-09-10	98.20	
1971-06-17	98.97	
1971-03-30	97.45	
1971-01-06	99.83	
1970-10-15	101.89	
1970-07-29	99.34	
1970-05-04	98.90	
1970-02-05	95.90	
1969-11-17	107.77	
1969-07-18	109.00	
1969-04-28	102.25	
1969-01-31	95.80	
1968-11-08	109.06	
1968-08-15	104.66	
1968-05-22	100.25	
1968-02-20	95.77	
1967-12-15	95.22	
1967-09-19	99.25	
1967-06-20	99.94	
1967-03-01	89.69	
1966-12-06	90.94	
1966-10-18	93.88	
1966-07-23	102.08	
1966-05-04	97.10	
1966-03-08	89.68	
1966-02-03	92.88	
1965-12-02	92.98	
1965-09-29	93.97	
1965-08-05	95.01	
1965-06-02	93.03	
1965-04-02	88.31	
1965-02-01	87.41	
1964-12-01	88.12	
1964-09-29	94.87	
1963-10-15	90.05	
1961-06-26	93.06	
1961-04-14	90.04	
1961-02-15	88.96	
1960-12-22	90.50	
1960-11-10	91.63	
1960-10-24	92.15	
1960-10-10	90.32	
1960-10-08	90.55	
1960-07-18	93.92	

Date	Feet below Surface	Feet to Sealevel
1974-06-06	101.62	
1974-03-18	100.82	
1974-01-07	103.12	
1973-10-12	104.43	
1973-06-19	102.05	
1973-03-27	101.78	
1972-10-30	103.11	
1972-07-20	103.58	
1972-03-17	100.55	
1972-01-05	97.41	
1971-11-11	98.88	
1971-07-27	99.88	
1971-05-05	98.81	
1971-02-17	99.05	
1970-11-30	100.84	
1970-09-09	100.14	
1970-06-21	98.85	
1970-03-18	97.88	
1970-01-06	98.50	
1969-09-29	104.00	
1969-06-06	106.90	
1969-03-13	98.26	
1968-12-27	96.82	
1968-09-30	109.68	
1968-06-28	102.55	
1968-04-04	96.72	
1968-01-18	94.20	
1967-10-31	98.26	
1967-07-28	99.06	
1967-04-14	90.30	
1967-01-11	90.01	
1966-11-17	93.39	
1966-09-23	97.85	
1966-06-02	97.24	
1966-04-01	94.16	
1966-03-02	89.43	
1966-01-10	93.00	
1965-11-02	93.11	
1965-09-06	94.39	
1965-07-07	94.68	
1965-05-03	92.55	
1965-03-09	86.60	
1965-01-06	87.32	
1964-11-10	91.37	
1964-09-04	96.08	
1962-10-24	88.10	
1961-05-18	91.99	
1961-03-16	89.89	
1961-01-09	89.75	
1960-11-26	90.80	
1960-10-31	92.54	
1960-10-17	91.49	
1960-10-09	90.37	
1960-09-22	93.97	
1960-06-20	93.35	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1960-05-17	92.40	
1960-04-13	91.96	
1960-03-09	91.80	
1960-02-24	91.82	
1960-02-08	92.47	
1960-01-25	92.12	
1959-12-31	92.30	
1959-11-05	91.19	
1959-08-31	91.61	
1959-06-18	90.73	
1960-05-13	92.31	
1960-03-15	91.73	
1960-02-29	91.82	
1960-02-16	92.29	
1960-02-02	92.28	
1960-01-22	92.04	
1959-12-14	92.55	
1959-10-19	91.30	
1959-08-04	91.42	

P72
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000040885**

Objectid:	40947	County let:	AA
Permit:	AA884222	Mgs id:	Not Reported
B1 seq:	9855	B1 recd:	13-MAR-90
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	GREGORY W. CISLER
Driller id:	MWD0441	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	SHIPLEY	Town dista:	2
Road name:	CAMP MEADE RD	Road side:	S
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	891000.00
N grid83:	169088.00	E grid83:	427763.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	19-MAR-90	Special fl:	N
C1 seq:	2272	C1 recd:	09-JUL-90
Completion:	01-JUN-90	Total dept:	4.3E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.6E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.3E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	2.8E+001
Bottom scr:	4.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
P73 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000040886**

Objectid:	40948	County let:	AA
Permit:	AA884223	Mgs id:	Not Reported
B1 seq:	9861	B1 recd:	13-MAR-90
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	GREGORY W. CISLER
Driller id:	MWD0441	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	SHIPLEY	Town dista:	2
Road name:	CAMP MEADE RD.	Road side:	S
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	891000.00
N grid83:	169088.00	E grid83:	427763.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	19-MAR-90	Special fl:	N
C1 seq:	2273	C1 recd:	09-JUL-90
Completion:	29-MAY-90	Total dept:	4.3E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.6E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.3E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	2.8E+001
Bottom scr:	4.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

P74 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000040883**

Objectid:	40945	County let:	AA
Permit:	AA884220	Mgs id:	Not Reported
B1 seq:	9853	B1 recd:	13-MAR-90
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	GREGORY W. CISLER
Driller id:	MWD0441	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	SHIPLEY	Town dista:	2
Road name:	CAMP MEADE RD	Road side:	S
Road dista:	2500FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	891000.00
N grid83:	169088.00	E grid83:	427763.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	19-MAR-90	Special fl:	N
C1 seq:	2270	C1 recd:	09-JUL-90
Completion:	05-JUN-90	Total dept:	3.9E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.7E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.9E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	2.9E+001
Bottom scr:	3.9E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

P75
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000040884**

Objectid:	40946	County let:	AA
Permit:	AA884221	Mgs id:	Not Reported
B1 seq:	9854	B1 recd:	13-MAR-90
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	GREGORY W. CISLER
Driller id:	MWD0441	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	SHIPLEY	Town dista:	2
Road name:	CAMP MEADE RD.	Road side:	S
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	891000.00
N grid83:	169088.00	E grid83:	427763.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	19-MAR-90	Special fl:	N
C1 seq:	8478	C1 recd:	09-JUL-90

Completion:	04-JUN-90	Total dept:	3.9E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.6E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.9E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	2.9E+001
Bottom scr:	3.9E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

P76
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000040889**

Objectid:	40951	County let:	AA
Permit:	AA884226	Mgs id:	Not Reported
B1 seq:	9864	B1 recd:	13-MAR-90
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	GREGORY W. CISLER
Driller id:	MWD0441	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	SHIPLEY	Town dista:	2
Road name:	CAMP MEADE RD.	Road side:	Not Reported
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	891000.00
N grid83:	169088.00	E grid83:	427763.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	19-MAR-90	Special fl:	N
C1 seq:	2003	C1 recd:	09-JUL-90
Completion:	06-JUN-90	Total dept:	4.9E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.1E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.9E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.4E+001
Bottom scr:	4.9E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

P77
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000040890**

Objectid:	40952	County let:	AA
Permit:	AA884227	Mgs id:	Not Reported
B1 seq:	9865	B1 recd:	13-MAR-90
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	GREGORY W. CISLER
Driller id:	MWD0441	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	SHIPLEY	Town dista:	2
Road name:	ELM RD	Road side:	E
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	891000.00
N grid83:	169088.00	E grid83:	427763.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	19-MAR-90	Special fl:	N
C1 seq:	2004	C1 recd:	09-JUL-90
Completion:	31-MAY-90	Total dept:	5.3E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.3E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.3E+001
Bottom scr:	5.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
P78 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000040887**

Objectid:	40949	County let:	AA
Permit:	AA884224	Mgs id:	Not Reported
B1 seq:	9862	B1 recd:	13-MAR-90
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	GREGORY W. CISLER
Driller id:	MWD0441	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	SHIPLEY	Town dista:	2
Road name:	ELM ROAD	Road side:	E
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	891000.00
N grid83:	169088.00	E grid83:	427763.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	19-MAR-90	Special fl:	N
C1 seq:	2274	C1 recd:	09-JUL-90
Completion:	23-MAY-90	Total dept:	4.9E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.1E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.9E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.4E+001
Bottom scr:	3.9E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

P79 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000040888**

Objectid:	40950	County let:	AA
Permit:	AA884225	Mgs id:	Not Reported
B1 seq:	9863	B1 recd:	13-MAR-90
City:	BALTIMORE	State:	MD
Zip:	21240	Driller na:	GREGORY W. CISLER
Driller id:	MWD0441	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	SHIPLEY	Town dista:	2
Road name:	CAMP MEADE RD.	Road side:	S
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	891000.00
N grid83:	169088.00	E grid83:	427763.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	19-MAR-90	Special fl:	N
C1 seq:	2002	C1 recd:	09-JUL-90
Completion:	24-MAR-90	Total dept:	4.9E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.1E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.9E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.4E+001
Bottom scr:	4.9E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

L80
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000436346**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391051076421701		
Monloc name:	AA Ac 20		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1809411
Longitude:	-76.704414	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	173.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Altimeter		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		

Aquifer type:	Not Reported		
Construction date:	19510706	Welldepth:	90
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1951-07-06	54	

Q81
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000436321**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391047076421501		
Monloc name:	AA Ac 53		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.17983
Longitude:	-76.7038584	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	160
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		
Aquifer type:	Not Reported		
Construction date:	19520915	Welldepth:	76
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1952-09-15	46	

R82
NNW
1/2 - 1 Mile
Lower

MD WELLS **MD6000000042059**

Objectid:	42121	County let:	AA
Permit:	AA885502	Mgs id:	Not Reported
B1 seq:	9382	B1 recd:	20-NOV-90
City:	LINTHICUM	State:	MD
Zip:	21090	Driller na:	MICHAEL W. HUBER
Driller id:	MWD0336	Est gpm pr:	0
Use for wa:	T		
Approx dep:	1.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	ELKRIDGE LANDING RD.	Road side:	W
Road dista:	50 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	496000.00	E grid27:	886000.00
N grid83:	169697.00	E grid83:	426239.00
Lat dec de:	39.20	Lon dec de:	76.70
Issue date:	20-NOV-90	Special fl:	N
C1 seq:	3998	C1 recd:	29-OCT-91
Completion:	21-NOV-90	Total dept:	1.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+000
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	2.0E+000	Casing hei:	+0
Screen typ:	PL	Top screen:	2.0E+000
Bottom scr:	1.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

R83
NNW
1/2 - 1 Mile
Lower

MD WELLS **MD6000000042058**

Objectid:	42120	County let:	AA
Permit:	AA885501	Mgs id:	Not Reported
B1 seq:	9381	B1 recd:	20-NOV-90
City:	LINTHICUM	State:	MD
Zip:	21090	Driller na:	MICHAEL W. HUBER
Driller id:	MWD0336	Est gpm pr:	0
Use for wa:	T		
Approx dep:	1.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	ELKRIDGE LANDING RD.	Road side:	W
Road dista:	110 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	496000.00	E grid27:	886000.00
N grid83:	169697.00	E grid83:	426239.00
Lat dec de:	39.20	Lon dec de:	76.70
Issue date:	20-NOV-90	Special fl:	N
C1 seq:	9427	C1 recd:	29-OCT-91

Completion:	21-NOV-90	Total dept:	1.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+000
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	2.0E+000	Casing hei:	+0
Screen typ:	PL	Top screen:	2.0E+000
Bottom scr:	1.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

R84
NNW
1/2 - 1 Mile
Lower

MD WELLS **MD6000000042061**

Objectid:	42123	County let:	AA
Permit:	AA885504	Mgs id:	Not Reported
B1 seq:	9384	B1 recd:	20-NOV-90
City:	LINTHICUM	State:	MD
Zip:	21090	Driller na:	MICHAEL W. HUBER
Driller id:	MWD0336	Est gpm pr:	0
Use for wa:	T		
Approx dep:	1.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	ELKRIDGE LANDING RD.	Road side:	W
Road dista:	60 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	496000.00	E grid27:	886000.00
N grid83:	169697.00	E grid83:	426239.00
Lat dec de:	39.20	Lon dec de:	76.70
Issue date:	20-NOV-90	Special fl:	N
C1 seq:	3995	C1 recd:	29-OCT-91
Completion:	21-NOV-90	Total dept:	1.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+000
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	2.0E+000	Casing hei:	+0
Screen typ:	PL	Top screen:	2.0E+000
Bottom scr:	1.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

R85
NNW
1/2 - 1 Mile
Lower

MD WELLS **MD6000000042060**

Objectid:	42122	County let:	AA
Permit:	AA885503	Mgs id:	Not Reported
B1 seq:	9383	B1 recd:	20-NOV-90
City:	LINTHICUM	State:	MD
Zip:	21090	Driller na:	MICHAEL W. HUBER
Driller id:	MWD0336	Est gpm pr:	0
Use for wa:	T		
Approx dep:	1.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	ELKRIDGE LANDING RD.	Road side:	W
Road dista:	100 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	496000.00	E grid27:	886000.00
N grid83:	169697.00	E grid83:	426239.00
Lat dec de:	39.20	Lon dec de:	76.70
Issue date:	20-NOV-90	Special fl:	N
C1 seq:	9426	C1 recd:	29-OCT-91
Completion:	21-NOV-90	Total dept:	1.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.0E+000
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	2.0E+000	Casing hei:	+0
Screen typ:	PL	Top screen:	2.0E+000
Bottom scr:	1.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
86 **SW** **1/2 - 1 Mile** **Lower**	**MD WELLS**	**MD6000000486372**

Objectid:	486371	County let:	Not Reported
Permit:	AA950297	Mgs id:	Not Reported
B1 seq:	3355	B1 recd:	28-JUN-04
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	MIKE WILLEY
Driller id:	MGD 47	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	W-3
Nearest to:	HANOVER	Town dista:	Not Reported
Road name:	NEW RIDGE RD	Road side:	E
Road dista:	30 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	489000.00	E grid27:	885000.00
N grid83:	167564.00	E grid83:	425934.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	28-JUN-04	Special fl:	Not Reported
C1 seq:	4189	C1 recd:	23-AUG-05
Completion:	30-JUN-04	Total dept:	2.7E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	1.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.2E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	1.2E+001
Bottom scr:	2.7E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

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87 **NW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000436624**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391133076420601		
Monloc name:	AA Ac 17		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1926076
Longitude:	-76.7013585	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	140
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patuxent Formation		
Aquifer type:	Not Reported		
Construction date:	1947	Welldepth:	182
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1947-12-03	95	

88
WSW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000033715**

Objectid:	33714	County let:	AA
Permit:	AA817349	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	16-OCT-86
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	BRANHAM, JOHN E.
Driller id:	MWD0080	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	2.7E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	STONY RUN
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	1 MI
Road name:	STONEY RUN RD	Road side:	N
Road dista:	80 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	884000.00
N grid83:	167869.00	E grid83:	425629.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	16-OCT-86	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	02-MAY-89
Completion:	17-OCT-86	Total dept:	2.17E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.3E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.1E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	2.1E+002
Bottom scr:	2.17E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	6.0E+000
Pumping ra:	1.0E+001	Level befo:	1.0E+002
Level duri:	1.5E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	7.0E+000	Pump hp:	5.0E-001
Column len:	2.0E+002	Closed:	A
Abandoned:	Not Reported	Abandon da:	Not Reported

Q89
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000436315**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391046076421701		
Monloc name:	AA Ac 18		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1795522
Longitude:	-76.704414	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	150
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		
Aquifer type:	Not Reported		
Construction date:	19500106	Welldepth:	85
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1950-01-06	44	

90
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000436494**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391117076403601		
Monloc name:	AA Ac 46		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1881634
Longitude:	-76.6763575	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	135
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		
Aquifer type:	Not Reported		
Construction date:	19591200	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	42
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

91
NE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000452053**

Objectid:	452052	County let:	AA
Permit:	AA948482	Mgs id:	Not Reported
B1 seq:	3390	B1 recd:	09-SEP-02
City:	GLEN BURNIE	State:	MD
Zip:	21060	Driller na:	DENTON J WOLFORD
Driller id:	MWD 288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	4.0E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	3
Road name:	6608 HARRISON AVE	Road side:	Not Reported
Road dista:	15 FT	Tax map:	4
Block:	13	Parcel:	431
N grid27:	495000.00	E grid27:	891000.00
N grid83:	169393.00	E grid83:	427763.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	09-SEP-02	Special fl:	Y
C1 seq:	4051	C1 recd:	27-NOV-02
Completion:	06-NOV-02	Total dept:	3.25E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	3.1E+002
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.15E+002	Casing hei:	+1
Screen typ:	PL	Top screen:	3.15E+002
Bottom scr:	3.25E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	5.0E+001	Level befo:	2.2E+002
Level duri:	2.52E+002	Test pump :	A
Pump insta:	Y	Install pu:	S
Capacity:	1.2E+001	Pump hp:	7.5E-001
Column len:	2.6E+002	Closed:	A
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
92 **ENE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000436574**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391126076403901		
Monloc name:	AA Ac 7		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1906633
Longitude:	-76.6771909	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	160.
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		
Aquifer type:	Not Reported		
Construction date:	19160000	Welldepth:	110
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1946	45	

Note: The site had been pumped recently.

S93 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000041762**

Objectid:	41824	County let:	AA
Permit:	AA885166	Mgs id:	Not Reported
B1 seq:	4265	B1 recd:	20-SEP-90
City:	BWI AIRPORT	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM RD	Road side:	E
Road dista:	100 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	21-SEP-90	Special fl:	N
C1 seq:	0059	C1 recd:	19-APR-95

Completion:	13-OCT-90	Total dept:	1.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.0E+000	Casing hei:	0
Screen typ:	PL	Top screen:	5.0E+000
Bottom scr:	1.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S94
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041756**

Objectid:	41818	County let:	AA
Permit:	AA885161	Mgs id:	Not Reported
B1 seq:	4248	B1 recd:	20-SEP-90
City:	LINTHICUM	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.5E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD	Road side:	E
Road dista:	65 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	20-SEP-90	Special fl:	N
C1 seq:	0057	C1 recd:	19-APR-95
Completion:	09-OCT-90	Total dept:	1.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.0E+000	Casing hei:	0
Screen typ:	PL	Top screen:	5.0E+000
Bottom scr:	1.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	17-JUL-06

S95
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041755**

Objectid:	41817	County let:	AA
Permit:	AA885160	Mgs id:	Not Reported
B1 seq:	4247	B1 recd:	20-SEP-90
City:	LINTHICUM	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.5E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD	Road side:	E
Road dista:	75 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	20-SEP-90	Special fl:	N
C1 seq:	0056	C1 recd:	19-APR-95
Completion:	09-OCT-90	Total dept:	1.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.0E+000	Casing hei:	0
Screen typ:	PL	Top screen:	5.0E+000
Bottom scr:	1.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation		Database	EDR ID Number
S96 **East** **1/2 - 1 Mile** **Higher**		**MD WELLS**	**MD6000000041763**

Objectid:	41825	County let:	AA
Permit:	AA885167	Mgs id:	Not Reported
B1 seq:	4264	B1 recd:	20-SEP-90
City:	BWI AIRPORT	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	21-SEP-90	Special fl:	N
C1 seq:	0060	C1 recd:	19-APR-95
Completion:	13-OCT-90	Total dept:	1.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.0E+000	Casing hei:	0
Screen typ:	PL	Top screen:	5.0E+000
Bottom scr:	1.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S97 **East** **1/2 - 1 Mile** **Higher**		**MD WELLS**	**MD6000000042346**

Objectid:	42295	County let:	AA
Permit:	AA885822	Mgs id:	Not Reported
B1 seq:	1701	B1 recd:	21-FEB-91
City:	PITTSBURGH	State:	PA
Zip:	15231	Driller na:	ROGER PAULSON
Driller id:	0000	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4
Road name:	ELM ROAD	Road side:	E
Road dista:	600 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	21-FEB-91	Special fl:	N
C1 seq:	5623	C1 recd:	03-MAY-91
Completion:	20-FEB-91	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.6E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.9E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	2.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S98
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041765**

Objectid:	41827	County let:	AA
Permit:	AA885169	Mgs id:	Not Reported
B1 seq:	4262	B1 recd:	20-SEP-90
City:	LINTHICUM	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.1E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	21-SEP-90	Special fl:	N
C1 seq:	0062	C1 recd:	19-APR-95

Completion:	13-OCT-90	Total dept:	1.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.0E+000	Casing hei:	0
Screen typ:	PL	Top screen:	5.0E+000
Bottom scr:	1.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S99
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041764**

Objectid:	41826	County let:	AA
Permit:	AA885168	Mgs id:	Not Reported
B1 seq:	4263	B1 recd:	20-SEP-90
City:	LINTHICUM	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD	Road side:	E
Road dista:	102 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	21-SEP-90	Special fl:	N
C1 seq:	0061	C1 recd:	19-APR-95
Completion:	13-OCT-90	Total dept:	1.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.0E+000	Casing hei:	0
Screen typ:	PL	Top screen:	5.0E+000
Bottom scr:	1.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S100
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041337**

Objectid:	41399	County let:	AA
Permit:	AA884696	Mgs id:	Not Reported
B1 seq:	1899	B1 recd:	14-JUN-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	JERRY MALECKI
Driller id:	MWD0422	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD.	Road side:	E
Road dista:	100 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	14-JUN-90	Special fl:	N
C1 seq:	0040	C1 recd:	19-APR-95
Completion:	18-JUL-90	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	17-JUL-06

Map ID Direction Distance Elevation	Database	EDR ID Number
S101 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000041336**

Objectid:	41398	County let:	AA
Permit:	AA884695	Mgs id:	Not Reported
B1 seq:	1702	B1 recd:	14-JUN-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	JERRY MALECKI
Driller id:	MWD0422	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD.	Road side:	E
Road dista:	75 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	14-JUN-90	Special fl:	N
C1 seq:	0039	C1 recd:	19-APR-95
Completion:	18-JUL-90	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	17-JUL-06

S102 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000041335**

Objectid:	41397	County let:	AA
Permit:	AA884694	Mgs id:	Not Reported
B1 seq:	1900	B1 recd:	14-JUN-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	JERRY MALECKI
Driller id:	MWD4220	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	14-JUN-90	Special fl:	N
C1 seq:	0038	C1 recd:	19-APR-95
Completion:	18-JUL-90	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S103
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041338**

Objectid:	41400	County let:	AA
Permit:	AA884697	Mgs id:	Not Reported
B1 seq:	1840	B1 recd:	14-JUN-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	JERRY MALECKI
Driller id:	MWD0422	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD.	Road side:	E
Road dista:	60 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	14-JUN-90	Special fl:	N
C1 seq:	0041	C1 recd:	19-APR-95

Completion:	18-JUL-90	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S104
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041341**

Objectid:	41403	County let:	AA
Permit:	AA884700	Mgs id:	Not Reported
B1 seq:	1874	B1 recd:	14-JUN-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	JERRY MALECKI
Driller id:	MWD0422	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD.	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	14-JUN-90	Special fl:	N
C1 seq:	0044	C1 recd:	19-APR-95
Completion:	18-JUL-90	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	17-JUL-06

S105
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041340**

Objectid:	41402	County let:	AA
Permit:	AA884699	Mgs id:	Not Reported
B1 seq:	1829	B1 recd:	14-JUN-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	JERRY MALECKI
Driller id:	MWD0422	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD	Road side:	E
Road dista:	175 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	14-JUN-90	Special fl:	N
C1 seq:	0043	C1 recd:	19-APR-95
Completion:	18-JUL-90	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
S106 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000041339**

Objectid:	41401	County let:	AA
Permit:	AA884698	Mgs id:	Not Reported
B1 seq:	1839	B1 recd:	14-JUN-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	JERRY MALECKI
Driller id:	MWD0422	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD.	Road side:	E
Road dista:	175 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	14-JUN-90	Special fl:	N
C1 seq:	0042	C1 recd:	19-APR-95
Completion:	18-JUL-90	Total dept:	4.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S107 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000333540**

Objectid:	333539	County let:	AA
Permit:	AA888789	Mgs id:	Not Reported
B1 seq:	2344	B1 recd:	30-OCT-92
City:	PARK RIDGE	State:	NJ
Zip:	07656	Driller na:	STEVEN UNDERWOOD
Driller id:	MWD0514	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	MW-7
Nearest to:	BALTIMORE	Town dista:	4.5
Road name:	FRIENDSHIP RD	Road side:	N
Road dista:	145 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	30-OCT-92	Special fl:	Y
C1 seq:	3643	C1 recd:	08-JAN-93
Completion:	18-NOV-92	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.1E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.5E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.5E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	11-SEP-96

S108
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000333539**

Objectid:	333538	County let:	AA
Permit:	AA888788	Mgs id:	Not Reported
B1 seq:	2342	B1 recd:	30-OCT-92
City:	PARK RIDGE	State:	NJ
Zip:	07656	Driller na:	STEVEN UNDERWOOD
Driller id:	MWD0514	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4.5
Road name:	FRIENDSHIP RD	Road side:	N
Road dista:	340 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	30-OCT-92	Special fl:	Y
C1 seq:	3641	C1 recd:	08-JAN-93

Completion:	12-NOV-92	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	4.2E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	5.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	5.0E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	11-SEP-96

S109
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000333538**

Objectid:	333537	County let:	AA
Permit:	AA888787	Mgs id:	Not Reported
B1 seq:	2343	B1 recd:	30-OCT-92
City:	PARK RIDGE	State:	NJ
Zip:	07656	Driller na:	STEVEN UNDERWOOD
Driller id:	MWD0514	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	MW-6
Nearest to:	BALTIMORE	Town dista:	4.5
Road name:	FRIENDSHIP ROAD	Road side:	N
Road dista:	335 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	30-OCT-92	Special fl:	N
C1 seq:	3642	C1 recd:	08-JAN-93
Completion:	16-NOV-92	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.1E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.5E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.5E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	11-SEP-96

S110
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000333541**

Objectid:	333540	County let:	AA
Permit:	AA888790	Mgs id:	Not Reported
B1 seq:	2345	B1 recd:	30-OCT-92
City:	PARK RIDGE	State:	NJ
Zip:	07656	Driller na:	STEVEN UNDERWOOD
Driller id:	MWD0514	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	MW-8
Nearest to:	LINTHICUM	Town dista:	4.5
Road name:	FRIENDSHIP RD	Road side:	N
Road dista:	100 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	30-OCT-92	Special fl:	Y
C1 seq:	3644	C1 recd:	08-JAN-93
Completion:	17-NOV-92	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.6E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	11-SEP-96

Map ID Direction Distance Elevation	Database	EDR ID Number
S111 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000491660**

Objectid:	491659	County let:	AA
Permit:	AA889713	Mgs id:	Not Reported
B1 seq:	2456	B1 recd:	28-MAY-93
City:	FT LAUDERDALE	State:	FL
Zip:	33301	Driller na:	STEVEN C. UNDERWOOD
Driller id:	MWD 514	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	MW-2
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD	Road side:	S
Road dista:	135 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	28-MAY-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	Not Reported
Completion:	Not Reported	Total dept:	0
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Not Reported	Grout type:	Not Reported
Grout top:	0	Grout bott:	0
Casing typ:	Not Reported	Casing dia:	0
Casing dep:	0	Casing hei:	Not Reported
Screen typ:	Not Reported	Top screen:	0
Bottom scr:	0	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S112 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000491659**

Objectid:	491658	County let:	AA
Permit:	AA889397	Mgs id:	Not Reported
B1 seq:	2441	B1 recd:	16-MAR-93
City:	PARK RIDGE	State:	NJ
Zip:	07656	Driller na:	FRANK A. KLECKA, III
Driller id:	MWD 525	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.5E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	MW-9
Nearest to:	LINTHICUM	Town dista:	0
Road name:	SERVICE RD	Road side:	N
Road dista:	5 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	16-MAR-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	Not Reported
Completion:	Not Reported	Total dept:	0
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Not Reported	Grout type:	Not Reported
Grout top:	0	Grout bott:	0
Casing typ:	Not Reported	Casing dia:	0
Casing dep:	0	Casing hei:	Not Reported
Screen typ:	Not Reported	Top screen:	0
Bottom scr:	0	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S113
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000418366**

Objectid:	418375	County let:	AA
Permit:	AA942052	Mgs id:	Not Reported
B1 seq:	3160	B1 recd:	24-OCT-97
City:	B W I	State:	MD
Zip:	21240	Driller na:	BRUCE H SCHLAICH
Driller id:	MGD 37	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	B W I AIRPORT
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	AVIATION BLVD	Road side:	S
Road dista:	4000FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	24-OCT-97	Special fl:	Not Reported
C1 seq:	5437	C1 recd:	10-DEC-97

Completion:	04-DEC-97	Total dept:	2.2E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	8.0E+000
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	1.2E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	1.2E+001
Bottom scr:	2.2E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S114
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000042349**

Objectid:	42298	County let:	AA
Permit:	AA885825	Mgs id:	Not Reported
B1 seq:	1704	B1 recd:	21-FEB-91
City:	PITTSBURGH	State:	PA
Zip:	15231	Driller na:	ROGER PAULSON
Driller id:	0000	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4
Road name:	ELM ROAD	Road side:	E
Road dista:	600 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	21-FEB-91	Special fl:	N
C1 seq:	5626	C1 recd:	03-MAY-91
Completion:	24-FEB-90	Total dept:	4.4E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.2E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.4E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	2.4E+001
Bottom scr:	4.4E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S115
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000042348**

Objectid:	42297	County let:	AA
Permit:	AA885824	Mgs id:	Not Reported
B1 seq:	1703	B1 recd:	21-FEB-91
City:	PITTSBURGH	State:	PA
Zip:	15231	Driller na:	ROGER PAULSON
Driller id:	0000	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4
Road name:	ELM ROAD	Road side:	E
Road dista:	600 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	21-FEB-91	Special fl:	N
C1 seq:	5625	C1 recd:	03-MAY-91
Completion:	23-FEB-91	Total dept:	4.4E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.2E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.4E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	2.4E+001
Bottom scr:	4.4E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
S116 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000042347**

Objectid:	42296	County let:	AA
Permit:	AA885823	Mgs id:	Not Reported
B1 seq:	1702	B1 recd:	21-FEB-91
City:	PITTSBURGH	State:	PA
Zip:	15231	Driller na:	ROGER PAULSON
Driller id:	0000	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4
Road name:	ELM ROAD	Road side:	E
Road dista:	600 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	21-FEB-91	Special fl:	N
C1 seq:	5624	C1 recd:	03-MAY-91
Completion:	21-FEB-91	Total dept:	4.3E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.1E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.4E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	2.4E+001
Bottom scr:	4.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S117 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000332243**

Objectid:	332242	County let:	AA
Permit:	AA887204	Mgs id:	Not Reported
B1 seq:	0695	B1 recd:	02-DEC-91
City:	PARK RIDGE	State:	NJ
Zip:	07656	Driller na:	STEVE UNDERWOOD
Driller id:	MWD0514	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4.55
Road name:	FRIENDSHIP ROAD	Road side:	N
Road dista:	110 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	02-DEC-91	Special fl:	N
C1 seq:	8873	C1 recd:	16-JAN-92
Completion:	04-DEC-91	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.1E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	3.5E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.5E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S118
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332246**

Objectid:	332245	County let:	AA
Permit:	AA887207	Mgs id:	Not Reported
B1 seq:	0698	B1 recd:	02-DEC-91
City:	PARK RIDGE	State:	NJ
Zip:	07656	Driller na:	STEVE UNDERWOOD
Driller id:	MWD0514	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4.55
Road name:	FRIENDSHIP ROAD	Road side:	N
Road dista:	55 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	02-DEC-91	Special fl:	N
C1 seq:	8870	C1 recd:	16-JAN-92

Completion:	05-DEC-91	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	3.0E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S119
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332245**

Objectid:	332244	County let:	AA
Permit:	AA887206	Mgs id:	Not Reported
B1 seq:	0697	B1 recd:	02-DEC-91
City:	PARK RIDGE	State:	NJ
Zip:	07656	Driller na:	STEVE UNDERWOOD
Driller id:	MWD0514	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4.55
Road name:	FRIENDSHIP ROAD	Road side:	N
Road dista:	130 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	02-DEC-91	Special fl:	N
C1 seq:	8871	C1 recd:	16-JAN-92
Completion:	03-DEC-91	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.3E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	3.5E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.5E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

S120
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332244**

Objectid:	332243	County let:	AA
Permit:	AA887205	Mgs id:	Not Reported
B1 seq:	0696	B1 recd:	02-DEC-91
City:	PARK RIDGE	State:	NJ
Zip:	07656	Driller na:	STEVE UNDERWOOD
Driller id:	MWD0514	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4.55
Road name:	FRIENDSHIP ROAD	Road side:	N
Road dista:	95 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	892000.00
N grid83:	168478.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	02-DEC-91	Special fl:	N
C1 seq:	8872	C1 recd:	16-JAN-92
Completion:	05-DEC-91	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.6E+001
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	3.0E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	11-SEP-96

Map ID Direction Distance Elevation	Database	EDR ID Number
T121 **West** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000454619**

Objectid:	454618	County let:	AA
Permit:	AA948808	Mgs id:	Not Reported
B1 seq:	1793	B1 recd:	01-MAR-02
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	JAMES R DAVIS
Driller id:	MGD 33	Est gpm pr:	0
Use for wa:	T		
Approx dep:	3.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	Not Reported
Road name:	STONEY RUN RD	Road side:	E
Road dista:	10 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	883000.00
N grid83:	168478.00	E grid83:	425324.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	02-JAN-03	Special fl:	Not Reported
C1 seq:	5775	C1 recd:	05-FEB-03
Completion:	10-DEC-02	Total dept:	2.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	6.0E+000
Casing typ:	PL	Casing dia:	0
Casing dep:	1.0E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	1.0E+001
Bottom scr:	2.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

T122 **West** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000454634**

Objectid:	454633	County let:	AA
Permit:	AA948807	Mgs id:	Not Reported
B1 seq:	1792	B1 recd:	01-MAR-02
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	JAMES R DAVIS
Driller id:	MGD 33	Est gpm pr:	0
Use for wa:	T		
Approx dep:	3.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	Not Reported
Road name:	NEW RIDGE RD	Road side:	W
Road dista:	10 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	883000.00
N grid83:	168478.00	E grid83:	425324.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	02-JAN-03	Special fl:	Not Reported
C1 seq:	5774	C1 recd:	05-FEB-03
Completion:	12-DEC-02	Total dept:	2.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	6.0E+000
Casing typ:	PL	Casing dia:	0
Casing dep:	1.0E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	1.0E+001
Bottom scr:	2.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

T123
West
1/2 - 1 Mile
Higher

MD WELLS **MD6000000454653**

Objectid:	454652	County let:	AA
Permit:	AA948806	Mgs id:	Not Reported
B1 seq:	1791	B1 recd:	01-MAR-02
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	JAMES R DAVIS
Driller id:	MGD 33	Est gpm pr:	0
Use for wa:	T		
Approx dep:	3.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	Not Reported
Road name:	RIDGE RD	Road side:	E
Road dista:	800 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	492000.00	E grid27:	883000.00
N grid83:	168478.00	E grid83:	425324.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	02-JAN-03	Special fl:	Not Reported
C1 seq:	5773	C1 recd:	05-FEB-03

Completion:	10-DEC-02	Total dept:	2.2E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	8.0E+000
Casing typ:	PL	Casing dia:	0
Casing dep:	1.2E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	1.2E+001
Bottom scr:	2.2E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U124
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332661**

Objectid:	332660	County let:	AA
Permit:	AA888454	Mgs id:	Not Reported
B1 seq:	5919	B1 recd:	27-AUG-92
City:	KANSAS CITY	State:	MI
Zip:	64153	Driller na:	JOHN JOSEPH COYLE
Driller id:	MWD0527	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	Not Reported	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4
Road name:	ELM ROAD	Road side:	E
Road dista:	350	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	27-AUG-92	Special fl:	N
C1 seq:	1297	C1 recd:	27-AUG-92
Completion:	27-AUG-92	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.8E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	5.0E+000	Level befo:	3.8E+001
Level duri:	4.6E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U125
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000044770**

Objectid:	44769	County let:	AA
Permit:	AA889395	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	16-MAR-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	SCHLAICH, BRUCE H.
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI
Section :	Not Reported	Lot:	Not Reported
Nearest to:	SEVERN	Town dista:	4 MI
Road name:	ELM RD	Road side:	E
Road dista:	60 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	16-MAR-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	31-MAR-93
Completion:	16-MAR-93	Total dept:	6.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.3E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.0E+001	Casing hei:	-00
Screen typ:	PL	Top screen:	4.0E+001
Bottom scr:	6.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	O
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	09-AUG-95

Map ID Direction Distance Elevation	Database	EDR ID Number
U126 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000044769**

Objectid:	44768	County let:	AA
Permit:	AA889394	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	16-MAR-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	SCHLAICH, BRUCE H.
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1 MI
Road name:	ELM RD	Road side:	E
Road dista:	60 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	16-MAR-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	31-MAR-93
Completion:	19-MAR-93	Total dept:	6.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.4E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.0E+001	Casing hei:	-00
Screen typ:	PL	Top screen:	4.0E+001
Bottom scr:	6.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	O
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	09-AUG-95

U127 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000333680**

Objectid:	333679	County let:	AA
Permit:	AA889125	Mgs id:	Not Reported
B1 seq:	1404	B1 recd:	12-JAN-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	BRUCE H. SCHLAICH
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI

Section :	Not Reported	Lot:	MW-11
Nearest to:	LINTHICUM	Town dista:	1
Road name:	ELM RD.	Road side:	E
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	12-JAN-93	Special fl:	N
C1 seq:	6427	C1 recd:	03-FEB-93
Completion:	29-JAN-93	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	29-APR-97

U128
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000333679**

Objectid:	333678	County let:	AA
Permit:	AA889124	Mgs id:	Not Reported
B1 seq:	1403	B1 recd:	12-JAN-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	BRUCE H. SCHLAICH
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI
Section :	Not Reported	Lot:	MW-10
Nearest to:	LINTHICUM	Town dista:	1
Road name:	ELM RD.	Road side:	E
Road dista:	90 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	12-JAN-93	Special fl:	Not Reported
C1 seq:	6426	C1 recd:	03-FEB-93

Completion:	28-JAN-93	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U129
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000333678**

Objectid:	333677	County let:	AA
Permit:	AA889123	Mgs id:	Not Reported
B1 seq:	1402	B1 recd:	12-JAN-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	BRUCE H. SCHLAICH
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI
Section :	Not Reported	Lot:	MW-9
Nearest to:	LINTHICUM	Town dista:	1
Road name:	SPRING RD	Road side:	N
Road dista:	23 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	12-JAN-93	Special fl:	N
C1 seq:	6425	C1 recd:	03-FEB-93
Completion:	01-FEB-93	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	30-APR-97

U130
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000044768**

Objectid:	44767	County let:	AA
Permit:	AA889393	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	16-MAR-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	SCHLAICH, BRUCE H.
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1 MI
Road name:	ELM RD	Road side:	E
Road dista:	130 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	16-MAR-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	31-MAR-93
Completion:	23-MAR-93	Total dept:	6.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.4E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.0E+001	Casing hei:	-00
Screen typ:	PL	Top screen:	4.0E+001
Bottom scr:	6.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	O
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
U131 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000041589**

Objectid:	41651	County let:	AA
Permit:	AA884982	Mgs id:	Not Reported
B1 seq:	5286	B1 recd:	03-AUG-90
City:	B.W.I. AIRPOR	State:	MD
Zip:	21240	Driller na:	MARK G. MCCLELLAN
Driller id:	MWD0484	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	ELM ROAD
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM B.W.I. AIR	Town dista:	0
Road name:	ELM ROAD	Road side:	E
Road dista:	100 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	03-AUG-90	Special fl:	N
C1 seq:	0484	C1 recd:	05-OCT-90
Completion:	13-AUG-90	Total dept:	4.4E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.4E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.9E+001	Casing hei:	0
Screen typ:	PL	Top screen:	2.9E+001
Bottom scr:	4.4E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U132 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000041588**

Objectid:	41650	County let:	AA
Permit:	AA884981	Mgs id:	Not Reported
B1 seq:	5285	B1 recd:	03-AUG-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	MARK G MCCLELLAN
Driller id:	MWD0484	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	ELM ROAD

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM B.W.I. AIR	Town dista:	0
Road name:	ELM ROAD	Road side:	E
Road dista:	75 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	03-AUG-90	Special fl:	N
C1 seq:	0483	C1 recd:	05-OCT-90
Completion:	08-AUG-90	Total dept:	4.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U133
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000039875**

Objectid:	39874	County let:	AA
Permit:	AA883108	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	02-AUG-89
City:	BWI AIRPORT	State:	MD
Zip:	Not Reported	Driller na:	STEPHEN W. SAUL
Driller id:	MWD0000	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	Not Reported	Town dista:	Not Reported
Road name:	ELM RD	Road side:	W
Road dista:	25 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	02-AUG-89	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	Not Reported

Completion:	Not Reported	Total dept:	0
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Not Reported	Grout type:	Not Reported
Grout top:	0	Grout bott:	0
Casing typ:	Not Reported	Casing dia:	0
Casing dep:	0	Casing hei:	+00
Screen typ:	Not Reported	Top screen:	0
Bottom scr:	0	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U134
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000044767**

Objectid:	44766	County let:	AA
Permit:	AA889392	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	16-MAR-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	SCHLAICH, BRUCE H.
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1 MI
Road name:	ELM RD	Road side:	S
Road dista:	60 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	16-MAR-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	31-MAR-93
Completion:	25-MAR-93	Total dept:	6.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.4E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.0E+001	Casing hei:	-00
Screen typ:	PL	Top screen:	4.0E+001
Bottom scr:	6.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	O
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	08-MAR-95

U135
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000044766**

Objectid:	44765	County let:	AA
Permit:	AA889391	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	16-MAR-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	SCHLAICH, BRUCE H.
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1 MI
Road name:	ELM RD	Road side:	W
Road dista:	400 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	16-MAR-93	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	31-MAR-93
Completion:	22-MAR-93	Total dept:	6.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.4E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.0E+001	Casing hei:	+02
Screen typ:	PL	Top screen:	4.0E+001
Bottom scr:	6.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
U136 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000041590**

Objectid:	41652	County let:	AA
Permit:	AA884983	Mgs id:	Not Reported
B1 seq:	5284	B1 recd:	03-AUG-90
City:	B.W.I. AIRPOR	State:	MD
Zip:	21240	Driller na:	MARK G. MCCLELLAN
Driller id:	MWD0484	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	ELM ROAD
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM B.W.I. AIR	Town dista:	0
Road name:	ELM ROAD	Road side:	E
Road dista:	50 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	03-AUG-90	Special fl:	N
C1 seq:	0485	C1 recd:	05-OCT-90
Completion:	14-AUG-90	Total dept:	3.9E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	1.9E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.4E+001	Casing hei:	0
Screen typ:	PL	Top screen:	2.4E+001
Bottom scr:	3.9E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U137 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000333681**

Objectid:	333680	County let:	AA
Permit:	AA889126	Mgs id:	Not Reported
B1 seq:	1405	B1 recd:	12-JAN-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	BRUCE H. SCHLAICH
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	SPRING RD.	Road side:	N
Road dista:	60 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	12-JAN-93	Special fl:	N
C1 seq:	6428	C1 recd:	03-FEB-93
Completion:	27-JAN-93	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	01-MAY-97

U138
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000498896**

Objectid:	498895	County let:	Not Reported
Permit:	AA951844	Mgs id:	Not Reported
B1 seq:	6663	B1 recd:	26-JAN-06
City:	DALLAS	State:	TX
Zip:	75235	Driller na:	ROBERT ATKINSON
Driller id:	MGD 67	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	Not Reported
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	RW-9
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM ROAD	Road side:	E
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	26-JAN-06	Special fl:	Not Reported
C1 seq:	7624	C1 recd:	03-OCT-06

Completion:	16-AUG-06	Total dept:	6.4E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.9E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.4E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	3.4E+001
Bottom scr:	6.4E+001	Screen t 1:	PL
Top scre 1:	3.0E+000	Bottom s 1:	6.4E+001
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	T
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U139
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000498895**

Objectid:	498894	County let:	Not Reported
Permit:	AA951843	Mgs id:	Not Reported
B1 seq:	6662	B1 recd:	26-JAN-06
City:	DALLAS	State:	TX
Zip:	75235	Driller na:	ROBERT ATKINSON
Driller id:	MGD 67	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	Not Reported
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	RW-8
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM ROAD	Road side:	E
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	26-JAN-06	Special fl:	Not Reported
C1 seq:	7623	C1 recd:	03-OCT-06
Completion:	01-AUG-06	Total dept:	6.5E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.5E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	3.5E+001
Bottom scr:	6.5E+001	Screen t 1:	PL
Top scre 1:	3.0E+000	Bottom s 1:	6.5E+001
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U140
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000498894**

Objectid:	498893	County let:	Not Reported
Permit:	AA951842	Mgs id:	Not Reported
B1 seq:	6661	B1 recd:	26-JAN-06
City:	DALLAS	State:	TX
Zip:	75235	Driller na:	ROBERT ATKINSON
Driller id:	MGD 67	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	Not Reported
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	RW-7
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM ROAD	Road side:	E
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	26-JAN-06	Special fl:	Not Reported
C1 seq:	7622	C1 recd:	03-OCT-06
Completion:	02-AUG-06	Total dept:	6.4E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.9E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.4E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	3.4E+001
Bottom scr:	6.4E+001	Screen t 1:	PL
Top scre 1:	3.0E+000	Bottom s 1:	6.4E+001
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
U141 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000498910**

Objectid:	498909	County let:	Not Reported
Permit:	AA951839	Mgs id:	Not Reported
B1 seq:	6668	B1 recd:	26-JAN-06
City:	DALLAS	State:	TX
Zip:	75235	Driller na:	ROBERT ATKINSON
Driller id:	MGD 67	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	Not Reported
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	RW-4
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM ROAD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	26-JAN-06	Special fl:	Not Reported
C1 seq:	7619	C1 recd:	03-OCT-06
Completion:	08-AUG-06	Total dept:	6.4E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.9E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.4E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	3.4E+001
Bottom scr:	6.4E+001	Screen t 1:	PL
Top scre 1:	3.0E+000	Bottom s 1:	6.4E+001
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	T
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U142 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000498909**

Objectid:	498908	County let:	Not Reported
Permit:	AA951838	Mgs id:	Not Reported
B1 seq:	6667	B1 recd:	26-JAN-06
City:	DALLAS	State:	TX
Zip:	75235	Driller na:	ROBERT ATKINSON
Driller id:	MGD 67	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	Not Reported
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	RW-3
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM ROAD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	26-JAN-06	Special fl:	Not Reported
C1 seq:	7618	C1 recd:	03-OCT-06
Completion:	25-JUL-06	Total dept:	6.6E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.4E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	3.4E+001
Bottom scr:	6.4E+001	Screen t 1:	PL
Top scre 1:	3.0E+000	Bottom s 1:	6.4E+001
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U143
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000498897**

Objectid:	498896	County let:	Not Reported
Permit:	AA951845	Mgs id:	Not Reported
B1 seq:	6664	B1 recd:	26-JAN-06
City:	DALLAS	State:	TX
Zip:	75235	Driller na:	ROBERT ATKINSON
Driller id:	MGD 67	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	Not Reported
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	RW-10
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM ROAD	Road side:	E
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	26-JAN-06	Special fl:	Not Reported
C1 seq:	7625	C1 recd:	03-OCT-06

Completion:	26-JUL-06	Total dept:	6.5E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.5E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	3.5E+001
Bottom scr:	6.5E+001	Screen t 1:	PL
Top scre 1:	3.0E+000	Bottom s 1:	6.5E+001
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	T
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U144
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000498893**

Objectid:	498892	County let:	Not Reported
Permit:	AA951840	Mgs id:	Not Reported
B1 seq:	6659	B1 recd:	26-JAN-06
City:	DALLAS	State:	TX
Zip:	75235	Driller na:	ROBERT ATKINSON
Driller id:	MGD 67	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	Not Reported
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	RW-5
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM ROAD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	26-JAN-06	Special fl:	Not Reported
C1 seq:	7620	C1 recd:	03-OCT-06
Completion:	09-AUG-06	Total dept:	6.4E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.9E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.4E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	3.4E+001
Bottom scr:	6.4E+001	Screen t 1:	PL
Top scre 1:	3.0E+000	Bottom s 1:	6.4E+001
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U145
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000333751**

Objectid:	333750	County let:	AA
Permit:	AA889340	Mgs id:	Not Reported
B1 seq:	0978	B1 recd:	02-MAR-93
City:	KANSAS CITY	State:	MI
Zip:	64153	Driller na:	JOHN JOSEPH COYLE
Driller id:	MWD0527	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	Not Reported	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	4
Road name:	ELM ROAD	Road side:	E
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	02-MAR-93	Special fl:	N
C1 seq:	3001	C1 recd:	21-APR-93
Completion:	03-MAR-93	Total dept:	5.4E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	1.0E+000	Grout bott:	2.8E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.4E+001	Casing hei:	+1
Screen typ:	PL	Top screen:	3.4E+001
Bottom scr:	5.4E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	5.0E+000	Level befo:	4.3E+001
Level duri:	4.4E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
U146 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000333683**

Objectid:	333682	County let:	AA
Permit:	AA889128	Mgs id:	Not Reported
B1 seq:	1407	B1 recd:	12-JAN-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	BRUCE H. SCHLAICH
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI
Section :	Not Reported	Lot:	MW-14
Nearest to:	LINTHICUM	Town dista:	1
Road name:	SPRING RD.	Road side:	N
Road dista:	225 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	12-JAN-93	Special fl:	N
C1 seq:	6430	C1 recd:	03-FEB-93
Completion:	25-JAN-93	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	01-MAY-97

U147 **East** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000333682**

Objectid:	333681	County let:	AA
Permit:	AA889127	Mgs id:	Not Reported
B1 seq:	1406	B1 recd:	12-JAN-93
City:	BWI	State:	MD
Zip:	21240	Driller na:	BRUCE H. SCHLAICH
Driller id:	MWD0333	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI

Section :	Not Reported	Lot:	MW-13
Nearest to:	LINTHICUM	Town dista:	1
Road name:	SPRING RD.	Road side:	N
Road dista:	144 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	12-JAN-93	Special fl:	N
C1 seq:	6429	C1 recd:	03-FEB-93
Completion:	26-JAN-93	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	-0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Y	Abandon da:	01-MAY-97

U148
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000496017**

Objectid:	496016	County let:	Not Reported
Permit:	AA951837	Mgs id:	Not Reported
B1 seq:	6666	B1 recd:	26-JAN-06
City:	DALLAS	State:	TX
Zip:	75235	Driller na:	ROBERT ATKINSON
Driller id:	MGD 67	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	Not Reported
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	RW-2
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM ROAD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	26-JAN-06	Special fl:	Not Reported
C1 seq:	7617	C1 recd:	23-JUN-06

Completion:	24-MAY-06	Total dept:	6.5E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.5E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	3.5E+001
Bottom scr:	6.5E+001	Screen t 1:	PL
Top scre 1:	3.5E+001	Bottom s 1:	6.5E+001
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	T
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U149
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000496016**

Objectid:	496015	County let:	Not Reported
Permit:	AA951836	Mgs id:	Not Reported
B1 seq:	6665	B1 recd:	26-JAN-06
City:	DALLAS	State:	TX
Zip:	75235	Driller na:	ROBERT ATKINSON
Driller id:	MGD 67	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	Not Reported
Replacemen:	Not Reported	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	RW-1
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM ROAD	Road side:	E
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	26-JAN-06	Special fl:	Not Reported
C1 seq:	7616	C1 recd:	23-JUN-06
Completion:	22-FEB-06	Total dept:	4.7E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.2E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.7E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	2.7E+001
Bottom scr:	4.7E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

U150
East
1/2 - 1 Mile
Higher

MD WELLS **MD6000000496001**

Objectid:	496000	County let:	Not Reported
Permit:	AA951841	Mgs id:	Not Reported
B1 seq:	6660	B1 recd:	26-JAN-06
City:	DALLAS	State:	TX
Zip:	75235	Driller na:	ROBERT ATKINSON
Driller id:	MGD 67	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	Not Reported
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	RW-6
Nearest to:	LINTHICUM	Town dista:	Not Reported
Road name:	ELM ROAD	Road side:	E
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	892000.00
N grid83:	168783.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	26-JAN-06	Special fl:	Not Reported
C1 seq:	7621	C1 recd:	23-JUN-06
Completion:	27-FEB-06	Total dept:	4.5E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.5E+001	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	2.5E+001
Bottom scr:	4.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
V151 **West** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000030324**

Objectid:	30323	County let:	AA
Permit:	AA813884	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	22-OCT-84
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	FRANK, WALTER J.
Driller id:	MWD0005	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.7E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	.5 MI
Road name:	RIDGE RD	Road side:	W
Road dista:	95 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	883000.00
N grid83:	168783.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	22-OCT-84	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	05-NOV-84
Completion:	26-OCT-84	Total dept:	1.88E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.78E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.78E+002
Bottom scr:	1.88E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	3.0E+000
Pumping ra:	2.0E+001	Level befo:	1.05E+002
Level duri:	1.17E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.2E+001	Pump hp:	7.5E-001
Column len:	1.4E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

V152 **West** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000027901**

Objectid:	27900	County let:	AA
Permit:	AA811447	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	10-MAR-83
City:	HANOVER	State:	MD
Zip:	Not Reported	Driller na:	BUNKER, HAROLD H. JR
Driller id:	MWD0056	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.8E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	.4 MI
Road name:	RIDGE RD	Road side:	N
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	883000.00
N grid83:	168783.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	10-MAR-83	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	19-JUL-83
Completion:	18-JUN-83	Total dept:	1.85E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	3.0E+000	Grout bott:	2.3E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.8E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.78E+002
Bottom scr:	1.85E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	3.0E+000
Pumping ra:	5.0E+000	Level befo:	1.2E+002
Level duri:	1.41E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

V153
West
1/2 - 1 Mile
Higher

MD WELLS **MD6000000033717**

Objectid:	33716	County let:	AA
Permit:	AA817351	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	17-OCT-86
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	1.2E+002	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BENTWOOD
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	.7 MI
Road name:	2154 RIDGE RD	Road side:	W
Road dista:	15 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	883000.00
N grid83:	168783.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	17-OCT-86	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	01-DEC-86

Completion:	28-OCT-86	Total dept:	1.07E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	3.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.0E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.0E+002
Bottom scr:	1.07E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	2.0E+001	Level befo:	6.0E+001
Level duri:	7.5E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	9.0E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

V154
West
1/2 - 1 Mile
Higher

MD WELLS **MD6000000423983**

Objectid:	423982	County let:	AA
Permit:	AA944251	Mgs id:	Not Reported
B1 seq:	5870	B1 recd:	28-JUN-99
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	JOHN GREER
Driller id:	MSD 86	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.0E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	1
Road name:	7218 VALLEY ROAD	Road side:	W
Road dista:	152 FT	Tax map:	8
Block:	4	Parcel:	137
N grid27:	493000.00	E grid27:	883000.00
N grid83:	168783.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	29-JUN-99	Special fl:	Not Reported
C1 seq:	3784	C1 recd:	26-JUL-99
Completion:	09-JUL-99	Total dept:	2.27E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	4.0E+000	Grout bott:	6.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.22E+002	Casing hei:	+1
Screen typ:	PL	Top screen:	2.22E+002
Bottom scr:	2.27E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	2.0E+001	Level befo:	1.3E+002
Level duri:	1.4E+002	Test pump :	A
Pump insta:	Y	Install pu:	S
Capacity:	1.0E+001	Pump hp:	7.5E-001
Column len:	1.6E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

V155
West
1/2 - 1 Mile
Higher

MD WELLS **MD6000000042168**

Objectid:	40565	County let:	AA
Permit:	AA885622	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	19-DEC-90
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	GREER, JOHN EDWIN
Driller id:	MWD0337	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	6.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	MI
Road name:	7101 RIDGE RD	Road side:	E
Road dista:	40 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	493000.00	E grid27:	883000.00
N grid83:	168783.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	19-DEC-90	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	12-FEB-91
Completion:	10-JAN-91	Total dept:	1.97E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	4.0E+000	Grout bott:	4.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.92E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.92E+002
Bottom scr:	1.97E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.5E+001	Level befo:	1.3E+002
Level duri:	1.45E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	7.0E+000	Pump hp:	5.0E-001
Column len:	1.7E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
W156 **West** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000034295**

Objectid:	34304	County let:	AA
Permit:	AA817934	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	29-JAN-87
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	FRANK, WALTER J.
Driller id:	MWD0005	Est gpm pr:	1.0E+001
Use for wa:	I		
Approx dep:	2.0E+002	Drill meth:	ROTARY
Replacemen:	S	Replace pe:	Not Reported
Wapid:	AA1987G009	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	0 MI
Road name:	RIDGE RD	Road side:	E
Road dista:	300 FT	Tax map:	8
Block:	4	Parcel:	154
N grid27:	491359.00	E grid27:	882976.00
N grid83:	168283.00	E grid83:	425317.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	30-JAN-87	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	18-FEB-87
Completion:	12-FEB-87	Total dept:	2.55E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.45E+002	Casing hei:	+01
Screen typ:	ST	Top screen:	2.45E+002
Bottom scr:	2.55E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	3.0E+000
Pumping ra:	3.0E+001	Level befo:	1.6E+002
Level duri:	1.75E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	1.5E+000
Column len:	2.0E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

W157 **WSW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000024794**

Objectid:	24809	County let:	AA
Permit:	AA742333	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	09-SEP-80
City:	HANOVER	State:	MD
Zip:	Not Reported	Driller na:	GREER, EDWIN
Driller id:	MWD0134	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	9.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	0 MI
Road name:	STONEY RUN RD	Road side:	S
Road dista:	45 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	491000.00	E grid27:	883000.00
N grid83:	168173.00	E grid83:	425324.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	08-SEP-80	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	02-MAY-89
Completion:	10-SEP-80	Total dept:	7.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	2.6E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	7.0E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	7.0E+001
Bottom scr:	7.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	2.0E+001	Level befo:	3.0E+001
Level duri:	4.0E+001	Test pump :	S
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.2E+001	Pump hp:	5.0E-001
Column len:	6.5E+001	Closed:	A
Abandoned:	Not Reported	Abandon da:	Not Reported

158
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000436615**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391132076421701		
Monloc name:	AA Ac 35		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1923298
Longitude:	-76.7044141	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	150
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patuxent Formation		

Aquifer type:	Not Reported		
Construction date:	19580823	Welldepth:	182
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1958-08-23	110	

X159
SW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000030226**

Objectid:	30225	County let:	AA
Permit:	AA813778	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	25-SEP-84
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	BRANHAM, JAMES A.
Driller id:	MWD0352	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	8.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	.4 MI
Road name:	VALLEY RD	Road side:	E
Road dista:	300 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	489000.00	E grid27:	884000.00
N grid83:	167564.00	E grid83:	425629.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	25-SEP-84	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	26-NOV-84
Completion:	25-SEP-84	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.0E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	4.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	5.0E+000
Pumping ra:	7.0E+000	Level befo:	2.5E+001
Level duri:	4.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	7.0E+000	Pump hp:	5.0E-001
Column len:	2.5E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
X160 **SW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000038964**

Objectid:	38963	County let:	AA
Permit:	AA882156	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	21-FEB-89
City:	BALTIMORE	State:	MD
Zip:	21233	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	1.25E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	STONY RUN
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	2.1 MI
Road name:	7241 VALLEY RD	Road side:	E
Road dista:	15 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	489000.00	E grid27:	884000.00
N grid83:	167564.00	E grid83:	425629.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	21-FEB-89	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	03-MAR-89
Completion:	20-FEB-89	Total dept:	1.27E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	6.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.2E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.2E+002
Bottom scr:	1.27E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	2.0E+001	Level befo:	3.0E+001
Level duri:	5.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	6.5E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

X161 **SW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000486374**

Objectid:	486373	County let:	Not Reported
Permit:	AA950299	Mgs id:	Not Reported
B1 seq:	3357	B1 recd:	07-JUL-04
City:	HANOVER	State:	MD
Zip:	21041	Driller na:	MIKE WILLEY
Driller id:	MGD 47	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	W-2
Nearest to:	HANOVER	Town dista:	Not Reported
Road name:	RIDGE RD	Road side:	W
Road dista:	110 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	489000.00	E grid27:	884000.00
N grid83:	167564.00	E grid83:	425629.00
Lat dec de:	39.18	Lon dec de:	76.70
Issue date:	28-JUN-04	Special fl:	Not Reported
C1 seq:	4191	C1 recd:	23-AUG-05
Completion:	29-JUN-04	Total dept:	3.3E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	1.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.8E+001	Casing hei:	+3
Screen typ:	PL	Top screen:	1.8E+001
Bottom scr:	3.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Y162
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000436306**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391045076422401		
Monloc name:	AA Ac 69		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1792745
Longitude:	-76.7063585	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	160
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patuxent Formation		

Aquifer type:	Not Reported		
Construction date:	19740807	Welldepth:	230
Welldepth units:	ft	Wellholedepth:	230
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1981-08-03	129.00	

Z163
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000044445**

Objectid:	44444	County let:	AA
Permit:	AA888745	Mgs id:	Not Reported
B1 seq:	7332	B1 recd:	27-OCT-92
City:	BWI AIRPORT	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	3.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	SERVICE RD	Road side:	N
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-OCT-92	Special fl:	N
C1 seq:	6192	C1 recd:	07-OCT-93
Completion:	18-AUG-93	Total dept:	4.7E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	+0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.7E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
Z164 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000042307**

Objectid:	42342	County let:	AA
Permit:	AA885783	Mgs id:	Not Reported
B1 seq:	6970	B1 recd:	06-FEB-91
City:	ATLANTA	State:	GA
Zip:	30320	Driller na:	RICHARD L. SHOCKLEY
Driller id:	MWD0486	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE-WASHINGTON	Town dista:	0
Road name:	ELM ROAD	Road side:	E
Road dista:	222 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	07-FEB-91	Special fl:	N
C1 seq:	5474	C1 recd:	30-OCT-91
Completion:	13-FEB-91	Total dept:	4.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	2.0E+000	Grout bott:	2.3E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.5E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	2.5E+001
Bottom scr:	4.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	3.0E+001
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z165 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000044446**

Objectid:	44445	County let:	AA
Permit:	AA888746	Mgs id:	Not Reported
B1 seq:	7331	B1 recd:	27-OCT-92
City:	BWI AIRPORT	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	SERVICE RD	Road side:	N
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-OCT-92	Special fl:	N
C1 seq:	6191	C1 recd:	07-OCT-93
Completion:	18-AUG-93	Total dept:	4.7E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	-2
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.7E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	1.0E+000	Pump hp:	1.0E+000
Column len:	1.0E+000	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z166
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332591**

Objectid:	332590	County let:	AA
Permit:	AA888074	Mgs id:	Not Reported
B1 seq:	4163	B1 recd:	24-JUN-92
City:	BWI AIRPORT	State:	MD
Zip:	27240	Driller na:	DAILY S PRICE
Driller id:	MWD0458	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT ELM RD
Section :	Not Reported	Lot:	DW-2
Nearest to:	LINTHICUM	Town dista:	.5
Road name:	ELM ROAD	Road side:	N
Road dista:	310 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	24-JUN-92	Special fl:	N
C1 seq:	7158	C1 recd:	12-AUG-92

Completion:	23-JUL-92	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.2E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.5E+001	Casing hei:	-1
Screen typ:	PL	Top screen:	2.5E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	4.2E+001
Level duri:	5.3E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z167
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332590**

Objectid:	332589	County let:	AA
Permit:	AA888073	Mgs id:	Not Reported
B1 seq:	4162	B1 recd:	24-JUN-92
City:	BWI AIRPORT	State:	MD
Zip:	27240	Driller na:	DAILY S PRICE
Driller id:	MWD0458	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT ELM RD
Section :	Not Reported	Lot:	DW-6
Nearest to:	LINTHICUM	Town dista:	.5
Road name:	ELM ROAD	Road side:	N
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	24-JUN-92	Special fl:	N
C1 seq:	7157	C1 recd:	12-AUG-92
Completion:	22-JUL-92	Total dept:	5.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	-1
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	2.0E+000	Level befo:	3.9E+001
Level duri:	4.8E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z168
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000042306**

Objectid:	42341	County let:	AA
Permit:	AA885782	Mgs id:	Not Reported
B1 seq:	6971	B1 recd:	06-FEB-91
City:	ATLANTA	State:	GA
Zip:	30320	Driller na:	RICHARD L. SHOCKLEY
Driller id:	MWD0486	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE-WASHINGTON	Town dista:	0
Road name:	ELM ROAD	Road side:	E
Road dista:	325 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	07-FEB-91	Special fl:	N
C1 seq:	3140	C1 recd:	30-OCT-91
Completion:	13-FEB-91	Total dept:	4.1E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	2.0E+000	Grout bott:	9.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.1E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	1.1E+001
Bottom scr:	4.1E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	3.0E+001
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
Z169 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000041688**

Objectid:	41750	County let:	AA
Permit:	AA885085	Mgs id:	Not Reported
B1 seq:	3000	B1 recd:	31-AUG-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	ANTHONY R. DAMIANO
Driller id:	MWD0386	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM ROAD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	31-AUG-90	Special fl:	N
C1 seq:	6697	C1 recd:	24-AUG-92
Completion:	08-AUG-90	Total dept:	4.4E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.8E+001	Casing hei:	0
Screen typ:	PL	Top screen:	2.8E+001
Bottom scr:	4.4E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z170 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000041687**

Objectid:	41749	County let:	AA
Permit:	AA885084	Mgs id:	Not Reported
B1 seq:	2996	B1 recd:	31-AUG-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	ANTHONY R. DAMIANO
Driller id:	MWD0386	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM ROAD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	31-AUG-90	Special fl:	N
C1 seq:	8221	C1 recd:	24-AUG-92
Completion:	08-AUG-90	Total dept:	4.4E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.4E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	8.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	0
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z171
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041689**

Objectid:	41751	County let:	AA
Permit:	AA885086	Mgs id:	Not Reported
B1 seq:	2999	B1 recd:	14-SEP-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	ANTHONY R. DAMIANO
Driller id:	MWD0386	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	31-AUG-90	Special fl:	N
C1 seq:	6696	C1 recd:	24-AUG-92

Completion:	13-AUG-90	Total dept:	4.4E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.4E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z172
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000042305**

Objectid:	42340	County let:	AA
Permit:	AA885781	Mgs id:	Not Reported
B1 seq:	6972	B1 recd:	06-FEB-91
City:	ATLANTA	State:	GA
Zip:	30320	Driller na:	RICHARD L. SHOCKLEY
Driller id:	MWD0486	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE-WASHINGTON	Town dista:	0
Road name:	ELM ROAD	Road side:	E
Road dista:	380 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	07-FEB-91	Special fl:	N
C1 seq:	5472	C1 recd:	30-OCT-91
Completion:	14-FEB-91	Total dept:	4.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	2.0E+000	Grout bott:	2.3E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.5E+001	Casing hei:	.2
Screen typ:	PL	Top screen:	2.5E+001
Bottom scr:	4.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	3.8E+001
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z173
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041690**

Objectid:	41752	County let:	AA
Permit:	AA885087	Mgs id:	Not Reported
B1 seq:	2998	B1 recd:	14-SEP-90
City:	BWI AIRPORT	State:	MD
Zip:	21240	Driller na:	ANTHONY R. DAMIANO
Driller id:	MWD0386	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	0
Road name:	ELM RD	Road side:	E
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	31-AUG-90	Special fl:	N
C1 seq:	6220	C1 recd:	24-AUG-92
Completion:	13-AUG-90	Total dept:	4.4E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	5.0E+000
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	0
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.4E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
Z174 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000332715**

Objectid:	332714	County let:	AA
Permit:	AA888741	Mgs id:	Not Reported
B1 seq:	7336	B1 recd:	27-OCT-92
City:	BWI AIRPORT	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	SERVICE RD	Road side:	N
Road dista:	300 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-OCT-92	Special fl:	N
C1 seq:	6186	C1 recd:	07-OCT-93
Completion:	23-AUG-93	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.5E+001	Casing hei:	-2
Screen typ:	PL	Top screen:	2.5E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z175 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000332714**

Objectid:	332713	County let:	AA
Permit:	AA888740	Mgs id:	Not Reported
B1 seq:	7337	B1 recd:	27-OCT-92
City:	ODENTON	State:	MD
Zip:	Not Reported	Driller na:	WOLFORD
Driller id:	MWD0288	Est gpm pr:	0
Use for wa:	T		
Approx dep:	3.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	SERVICE RD	Road side:	N
Road dista:	100 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-OCT-92	Special fl:	N
C1 seq:	7320	C1 recd:	22-SEP-93
Completion:	17-JUN-93	Total dept:	4.2E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	4.0E+000	Grout bott:	2.4E+001
Casing typ:	PL	Casing dia:	6.0E+000
Casing dep:	5.0E+000	Casing hei:	0
Screen typ:	ST	Top screen:	2.7E+001
Bottom scr:	4.2E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	6.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z176
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332716**

Objectid:	332715	County let:	AA
Permit:	AA888742	Mgs id:	Not Reported
B1 seq:	7335	B1 recd:	27-OCT-92
City:	BWI AIRPORT	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	3.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	SERVICE RD.	Road side:	N
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-OCT-92	Special fl:	N
C1 seq:	6185	C1 recd:	07-OCT-93

Completion:	24-AUG-93	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.5E+001	Casing hei:	-2
Screen typ:	PL	Top screen:	2.5E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z177
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332718**

Objectid:	332717	County let:	AA
Permit:	AA888744	Mgs id:	Not Reported
B1 seq:	7333	B1 recd:	27-OCT-92
City:	BWI AIRPORT	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	SERVICE RD	Road side:	N
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-OCT-92	Special fl:	N
C1 seq:	1018	C1 recd:	07-OCT-93
Completion:	18-AUG-93	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.5E+001	Casing hei:	-2
Screen typ:	PL	Top screen:	2.5E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	1.0E+000	Pump hp:	1.0E+000
Column len:	1.0E+000	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z178
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332717**

Objectid:	332716	County let:	AA
Permit:	AA888743	Mgs id:	Not Reported
B1 seq:	7334	B1 recd:	27-OCT-92
City:	BWI AIRPORT	State:	MD
Zip:	Not Reported	Driller na:	STEVE SAUL
Driller id:	MWD0421	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	SERVICE RD	Road side:	N
Road dista:	180 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-OCT-92	Special fl:	N
C1 seq:	6184	C1 recd:	07-OCT-93
Completion:	17-AUG-93	Total dept:	4.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	-2
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	4.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	1.0E+000	Pump hp:	1.0E+000
Column len:	1.0E+000	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
Z179 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000332713**

Objectid:	332712	County let:	AA
Permit:	AA888739	Mgs id:	Not Reported
B1 seq:	7338	B1 recd:	27-OCT-92
City:	ODENTON	State:	MD
Zip:	Not Reported	Driller na:	WOLFORD
Driller id:	MWD0288	Est gpm pr:	0
Use for wa:	T		
Approx dep:	3.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	SERVICE RD	Road side:	N
Road dista:	150 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-OCT-92	Special fl:	N
C1 seq:	7315	C1 recd:	22-SEP-93
Completion:	16-JUN-93	Total dept:	4.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	4.0E+000	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	6.0E+000
Casing dep:	5.0E+000	Casing hei:	0
Screen typ:	ST	Top screen:	3.2E+001
Bottom scr:	4.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	6.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z180 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000332593**

Objectid:	332592	County let:	AA
Permit:	AA888076	Mgs id:	Not Reported
B1 seq:	4167	B1 recd:	24-JUN-92
City:	BWI AIRPORT	State:	MD
Zip:	27240	Driller na:	DAILY S PRICE
Driller id:	MWD0458	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT ELM RD

Section :	Not Reported	Lot:	DW-5
Nearest to:	LINTHICUM	Town dista:	.5
Road name:	ELM ROAD	Road side:	N
Road dista:	170 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	24-JUN-92	Special fl:	N
C1 seq:	7160	C1 recd:	12-AUG-92
Completion:	23-JUL-92	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.5E+001	Casing hei:	-1
Screen typ:	PL	Top screen:	3.5E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	2.0E+000	Level befo:	4.3E+001
Level duri:	5.3E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z181
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332592**

Objectid:	332591	County let:	AA
Permit:	AA888075	Mgs id:	Not Reported
B1 seq:	4164	B1 recd:	24-JUN-92
City:	BWI AIRPORT	State:	MD
Zip:	27240	Driller na:	DAILY S PRICE
Driller id:	MWD0458	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT ELM RD
Section :	Not Reported	Lot:	DW-3
Nearest to:	LINTHICUM	Town dista:	.5
Road name:	ELM ROAD	Road side:	N
Road dista:	280 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	24-JUN-92	Special fl:	N
C1 seq:	7159	C1 recd:	12-AUG-92

Completion:	24-JUL-92	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	3.0E+001	Casing hei:	-1
Screen typ:	PL	Top screen:	3.0E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	3.8E+001
Level duri:	5.3E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z182
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332594**

Objectid:	332593	County let:	AA
Permit:	AA888077	Mgs id:	Not Reported
B1 seq:	4166	B1 recd:	24-JUN-92
City:	BWI AIRPORT	State:	MD
Zip:	27240	Driller na:	DAILY S PRICE
Driller id:	MWD0458	Est gpm pr:	0
Use for wa:	T		
Approx dep:	5.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BWI AIRPORT ELM RD
Section :	Not Reported	Lot:	DW-4
Nearest to:	LINTHICUM	Town dista:	.5
Road name:	ELM ROAD	Road side:	N
Road dista:	230 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	24-JUN-92	Special fl:	N
C1 seq:	7161	C1 recd:	12-AUG-92
Completion:	23-JUL-92	Total dept:	5.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.2E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.5E+001	Casing hei:	-1
Screen typ:	PL	Top screen:	2.5E+001
Bottom scr:	5.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	4.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	3.8E+001
Level duri:	5.3E+001	Test pump :	S
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Z183
ENE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000332712**

Objectid:	332711	County let:	AA
Permit:	AA888738	Mgs id:	Not Reported
B1 seq:	7339	B1 recd:	27-OCT-92
City:	ODENTON	State:	MD
Zip:	Not Reported	Driller na:	WOLFORD
Driller id:	MWD0288	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	AIR-ROT
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	SERVICE RD	Road side:	N
Road dista:	205 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-OCT-92	Special fl:	N
C1 seq:	6766	C1 recd:	22-SEP-93
Completion:	15-JUN-93	Total dept:	4.2E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	3.0E+000	Grout bott:	2.4E+001
Casing typ:	PL	Casing dia:	6.0E+000
Casing dep:	5.0E+000	Casing hei:	0
Screen typ:	ST	Top screen:	2.7E+001
Bottom scr:	4.2E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	6.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
Z184 **ENE** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000332711**

Objectid:	332710	County let:	AA
Permit:	AA888737	Mgs id:	Not Reported
B1 seq:	7340	B1 recd:	27-OCT-92
City:	ODENTON	State:	MD
Zip:	Not Reported	Driller na:	WOLFORD
Driller id:	MWD0288	Est gpm pr:	0
Use for wa:	T		
Approx dep:	6.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BWI AIRPORT	Town dista:	0
Road name:	SERVICE RD	Road side:	N
Road dista:	210 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	892000.00
N grid83:	169088.00	E grid83:	428068.00
Lat dec de:	39.19	Lon dec de:	76.68
Issue date:	28-OCT-92	Special fl:	N
C1 seq:	7319	C1 recd:	22-SEP-93
Completion:	15-JUN-93	Total dept:	4.2E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	3.0E+000	Grout bott:	2.3E+001
Casing typ:	PL	Casing dia:	6.0E+000
Casing dep:	6.0E+000	Casing hei:	0
Screen typ:	ST	Top screen:	2.7E+001
Bottom scr:	4.2E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	6.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

AA185 **WNW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000033827**

Objectid:	33826	County let:	AA
Permit:	AA817461	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	14-OCT-86
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	FRANK, WALTER J.
Driller id:	MWD0005	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.5E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	.7 MI
Road name:	RIDGE RD	Road side:	E
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	883000.00
N grid83:	169088.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	23-OCT-86	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	18-NOV-86
Completion:	07-NOV-86	Total dept:	1.9E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.8E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.8E+002
Bottom scr:	1.9E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	3.0E+000
Pumping ra:	1.5E+001	Level befo:	1.1E+002
Level duri:	1.2E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	9.0E+000	Pump hp:	5.0E-001
Column len:	1.4E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

AA186
WNW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000025840**

Objectid:	25855	County let:	AA
Permit:	AA743371	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	21-JUL-81
City:	HANOVER	State:	MD
Zip:	Not Reported	Driller na:	FRANK, WALTER J.
Driller id:	MWD0005	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.75E+002	Drill meth:	ROTARY
Replacemen:	S	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	2 MI
Road name:	RIDGE RD	Road side:	E
Road dista:	225 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	883000.00
N grid83:	169088.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	02-JUL-81	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	30-JUL-81

Completion:	24-JUL-81	Total dept:	2.0E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.9E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.9E+002
Bottom scr:	2.0E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.0E+001	Level befo:	1.14E+002
Level duri:	1.24E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	8.0E+000	Pump hp:	5.0E-001
Column len:	1.5E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

AA187
WNW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000025439**

Objectid:	25454	County let:	AA
Permit:	AA742978	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	07-APR-81
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	BRANHAM, JOHN E.
Driller id:	MWD0080	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.6E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	ELKRIDGE	Town dista:	2.5 MI
Road name:	RIDGE RD	Road side:	E
Road dista:	200 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	883000.00
N grid83:	169088.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	30-MAR-81	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	09-APR-81
Completion:	16-MAR-81	Total dept:	7.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	2.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	4.0E+000	Casing hei:	+01
Screen typ:	PL	Top screen:	6.3E+001
Bottom scr:	7.0E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	7.0E+000	Level befo:	3.0E+001
Level duri:	5.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	5.0E+000	Pump hp:	2.5E-001
Column len:	6.0E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

AA188
WNW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000044342**

Objectid:	44341	County let:	AA
Permit:	AA888612	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	25-SEP-92
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	GREER, JOHN EDWIN
Driller id:	MWD0337	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	9.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	1 MI
Road name:	7146 RIDGE RD	Road side:	W
Road dista:	250 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	883000.00
N grid83:	169088.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	30-SEP-92	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	16-NOV-92
Completion:	15-OCT-92	Total dept:	1.05E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	4.0E+000	Grout bott:	3.8E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.0E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.0E+002
Bottom scr:	1.05E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.2E+001	Level befo:	7.3E+001
Level duri:	8.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	9.5E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
AA189 **WNW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000044321**

Objectid:	44320	County let:	AA
Permit:	AA888589	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	24-SEP-92
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	GREER, JOHN EDWIN
Driller id:	MWD0337	Est gpm pr:	1.0E+001
Use for wa:	I		
Approx dep:	9.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	AA1977G055	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	1 MI
Road name:	7148 RIDGE RD	Road side:	W
Road dista:	370 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	883000.00
N grid83:	169088.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	24-SEP-92	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	16-NOV-92
Completion:	01-OCT-92	Total dept:	1.65E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	4.0E+000	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.6E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.6E+002
Bottom scr:	1.65E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	9.0E+000	Level befo:	1.1E+002
Level duri:	1.4E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

AA190 **WNW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000036336**

Objectid:	36345	County let:	AA
Permit:	AA819994	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	12-JAN-88
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	1.2E+002	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	15 MI
Road name:	RIDGE RD	Road side:	W
Road dista:	15 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	494000.00	E grid27:	883000.00
N grid83:	169088.00	E grid83:	425324.00
Lat dec de:	39.19	Lon dec de:	76.71
Issue date:	12-JAN-88	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	15-MAR-88
Completion:	13-JAN-88	Total dept:	1.04E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	6.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	9.7E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	9.7E+001
Bottom scr:	1.04E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.5E+001	Level befo:	5.5E+001
Level duri:	7.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	8.5E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

AB191
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000436347**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391051076422801		
Monloc name:	AA Ac 9		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1809411
Longitude:	-76.7074697	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	170.
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	88
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AB192
WSW **FED USGS** **USGS40000436348**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391051076422802		
Monloc name:	AA Ac 54		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1809411
Longitude:	-76.7074697	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	170
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Cretaceous System		
Aquifer type:	Not Reported		
Construction date:	19500727	Welldepth:	95
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1950-07-27	67	

AB193
WSW **MD WELLS** **MD6000000028668**
1/2 - 1 Mile
Higher

Objectid:	28667	County let:	Not Reported
Permit:	Not Reported	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Driller na:	Not Reported
Driller id:	Not Reported	Est gpm pr:	0
Use for wa:	Not Reported		
Approx dep:	0	Drill meth:	Not Reported
Replacemen:	Not Reported	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	Not Reported	Town dista:	Not Reported
Road name:	Not Reported	Road side:	Not Reported
Road dista:	Not Reported	Tax map:	8
Block:	4	Parcel:	125
N grid27:	490697.00	E grid27:	882831.00
N grid83:	168081.00	E grid83:	425273.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	Not Reported	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	Not Reported
Completion:	Not Reported	Total dept:	0
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Not Reported	Grout type:	Not Reported
Grout top:	0	Grout bott:	0
Casing typ:	Not Reported	Casing dia:	0
Casing dep:	0	Casing hei:	1
Screen typ:	Not Reported	Top screen:	0
Bottom scr:	0	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	0
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	0
Pumping ra:	0	Level befo:	0
Level duri:	0	Test pump :	Not Reported
Pump insta:	Not Reported	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

194
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000436392**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391100076423101		
Monloc name:	AA Ac 19		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1834411
Longitude:	-76.708303	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	140
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		

Aquifer type:	Not Reported		
Construction date:	19501012	Welldepth:	73
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

195
NNE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000028356**

Objectid:	28355	County let:	AA
Permit:	AA811895	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	16-JUN-83
City:	LINTHICUM	State:	MD
Zip:	21090	Driller na:	BUNKER, HAROLD H. JR
Driller id:	MWD0056	Est gpm pr:	1.0E+001
Use for wa:	I		
Approx dep:	1.0E+002	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	AA1983G034	Subdivisio:	LINTHICUM HEIGHTS
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1.2 MI
Road name:	W NURSERY RD	Road side:	E
Road dista:	400 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	497000.00	E grid27:	889000.00
N grid83:	170002.00	E grid83:	427153.00
Lat dec de:	39.20	Lon dec de:	76.69
Issue date:	28-JUN-83	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	07-DEC-83
Completion:	31-OCT-83	Total dept:	9.6E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	3.0E+000	Grout bott:	2.3E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	9.1E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	8.9E+001
Bottom scr:	9.6E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+001	Level befo:	4.6E+001
Level duri:	5.0E+001	Test pump :	O
Pump insta:	Not Reported	Install pu:	S
Capacity:	8.0E+000	Pump hp:	1.0E+000
Column len:	8.0E+001	Closed:	Not Reported
Abandoned:	Y	Abandon da:	24-SEP-04

196
ESE
1/2 - 1 Mile
Higher

MD WELLS **MD6000000418370**

Objectid:	418379	County let:	AA
Permit:	AA942055	Mgs id:	Not Reported
B1 seq:	3163	B1 recd:	24-OCT-97
City:	B W I	State:	MD
Zip:	21240	Driller na:	BRUCE H SCHLAICH
Driller id:	MGD 37	Est gpm pr:	1.0E+000
Use for wa:	T		
Approx dep:	4.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	B W I AIRPORT
Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	1
Road name:	AVIATION BLVD	Road side:	S
Road dista:	3000FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	892000.00
N grid83:	167869.00	E grid83:	428068.00
Lat dec de:	39.18	Lon dec de:	76.68
Issue date:	24-OCT-97	Special fl:	Not Reported
C1 seq:	5440	C1 recd:	24-NOV-97
Completion:	06-NOV-97	Total dept:	1.5E+001
Num unsucc:	0	Hydrofract:	N
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	2.0E+000
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	5.0E+000	Casing hei:	Not Reported
Screen typ:	PL	Top screen:	5.0E+000
Bottom scr:	1.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

AC197
NNW
1/2 - 1 Mile
Lower

MD WELLS **MD6000000040916**

Objectid:	40978	County let:	AA
Permit:	AA884254	Mgs id:	Not Reported
B1 seq:	9652	B1 recd:	21-MAR-90
City:	BROOKLANDVILL	State:	MD
Zip:	21022	Driller na:	ALFRED E. MYERS
Driller id:	MWD0378	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported

Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	7
Road name:	MD 295	Road side:	S
Road dista:	1200FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	497000.00	E grid27:	886000.00
N grid83:	170002.00	E grid83:	426239.00
Lat dec de:	39.20	Lon dec de:	76.70
Issue date:	21-MAR-90	Special fl:	N
C1 seq:	2034	C1 recd:	21-MAR-90
Completion:	26-MAR-90	Total dept:	1.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	4.0E+000
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	1.0E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	1.0E+001
Bottom scr:	1.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

AC198
NNW
1/2 - 1 Mile
Lower

MD WELLS **MD6000000040917**

Objectid:	40979	County let:	AA
Permit:	AA884255	Mgs id:	Not Reported
B1 seq:	9653	B1 recd:	21-MAR-90
City:	BROOKLANDVILL	State:	MD
Zip:	21022	Driller na:	ALFRED E. MYERS
Driller id:	MWD0378	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	7
Road name:	MD 295	Road side:	S
Road dista:	1400FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	497000.00	E grid27:	886000.00
N grid83:	170002.00	E grid83:	426239.00
Lat dec de:	39.20	Lon dec de:	76.70
Issue date:	21-MAR-90	Special fl:	N
C1 seq:	2033	C1 recd:	21-MAR-90

Completion:	24-MAR-90	Total dept:	1.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	4.0E+000
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	1.0E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	1.0E+001
Bottom scr:	1.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

AC199
NNW
1/2 - 1 Mile
Lower

MD WELLS **MD6000000040918**

Objectid:	40980	County let:	AA
Permit:	AA884256	Mgs id:	Not Reported
B1 seq:	9651	B1 recd:	21-MAR-90
City:	BROOKLANDVILL	State:	MD
Zip:	21022	Driller na:	ALFRED E. MYERS
Driller id:	MWD0378	Est gpm pr:	0
Use for wa:	T		
Approx dep:	2.0E+001	Drill meth:	BORED
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	BALTIMORE	Town dista:	7
Road name:	MD 295	Road side:	S
Road dista:	800 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	497000.00	E grid27:	886000.00
N grid83:	170002.00	E grid83:	426239.00
Lat dec de:	39.20	Lon dec de:	76.70
Issue date:	21-MAR-90	Special fl:	N
C1 seq:	2032	C1 recd:	21-MAR-90
Completion:	24-MAR-90	Total dept:	1.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	CM
Grout top:	0	Grout bott:	4.0E+000
Casing typ:	PL	Casing dia:	2.0E+000
Casing dep:	1.0E+001	Casing hei:	+2
Screen typ:	PL	Top screen:	1.0E+001
Bottom scr:	1.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	1.0E+000
Pumping ra:	1.0E+000	Level befo:	1.0E+000
Level duri:	1.0E+000	Test pump :	O
Pump insta:	N	Install pu:	Not Reported
Capacity:	0	Pump hp:	0
Column len:	0	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Y200
WSW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000030023**

Objectid:	30022	County let:	AA
Permit:	AA813574	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	07-AUG-84
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	FRANK, ROBERT B.
Driller id:	MWD0043	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	1.0E+002	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	0 MI
Road name:	STONEY RUN RD	Road side:	N
Road dista:	221 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	883000.00
N grid83:	167869.00	E grid83:	425324.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	07-AUG-84	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	17-AUG-84
Completion:	14-AUG-84	Total dept:	9.5E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	0	Grout bott:	3.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	8.5E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	8.5E+001
Bottom scr:	9.5E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	3.0E+000
Pumping ra:	1.0E+001	Level befo:	5.8E+001
Level duri:	6.6E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	9.0E+000	Pump hp:	5.0E-001
Column len:	8.0E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
Y201 **WSW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000026304**

Objectid:	26319	County let:	AA
Permit:	AA743839	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	30-OCT-81
City:	HANOVER	State:	MD
Zip:	Not Reported	Driller na:	BRANHAM, JOHN E.
Driller id:	MWD0080	Est gpm pr:	1.0E+001
Use for wa:	DW		
Approx dep:	9.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	0 MI
Road name:	VALLEY	Road side:	E
Road dista:	30 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	883000.00
N grid83:	167869.00	E grid83:	425324.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	02-NOV-81	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	02-MAY-89
Completion:	01-NOV-81	Total dept:	2.1E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	5.0E+000	Grout bott:	9.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.9E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	2.0E+002
Bottom scr:	2.1E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	T
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.0E+001	Level befo:	1.5E+002
Level duri:	1.9E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	5.0E+000	Pump hp:	2.5E-001
Column len:	2.0E+002	Closed:	A
Abandoned:	Not Reported	Abandon da:	Not Reported

Y202 **WSW** **1/2 - 1 Mile** **Higher**	**MD WELLS**	**MD6000000038260**

Objectid:	38259	County let:	AA
Permit:	AA881443	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	21-OCT-88
City:	HANOVER	State:	MD
Zip:	21037	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	8.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	BENTWOODS

Section :	Not Reported	Lot:	Not Reported
Nearest to:	LINTHICUM	Town dista:	2.3 MI
Road name:	7211 LINDA AVE	Road side:	E
Road dista:	15 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	883000.00
N grid83:	167869.00	E grid83:	425324.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	31-OCT-88	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	08-MAR-89
Completion:	28-OCT-88	Total dept:	8.0E+001
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	4.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	7.3E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	8.0E+001
Bottom scr:	7.3E+001	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	9.0E+000	Level befo:	5.0E+001
Level duri:	7.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	7.0E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

Y203
WSW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000043566**

Objectid:	43565	County let:	AA
Permit:	AA887488	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	18-FEB-92
City:	HANOVER	State:	MD
Zip:	21076	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	9.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	3 MI
Road name:	7205 LINDA AVE	Road side:	E
Road dista:	15 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	883000.00
N grid83:	167869.00	E grid83:	425324.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	18-FEB-92	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	20-MAR-92

Completion:	19-FEB-92	Total dept:	2.4E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	8.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	2.33E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	2.33E+002
Bottom scr:	2.4E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0
Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	6.0E+001	Level befo:	1.33E+002
Level duri:	1.6E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	1.75E+002	Closed:	A
Abandoned:	Not Reported	Abandon da:	Not Reported

Y204
WSW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000041926**

Objectid:	41988	County let:	AA
Permit:	AA885352	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	23-OCT-90
City:	HANOVER	State:	MD
Zip:	Not Reported	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	9.0E+001	Drill meth:	ROTARY
Replacemen:	Y	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	3 MI
Road name:	1250 STONEY RUN ROAD	Road side:	N
Road dista:	15 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	490000.00	E grid27:	883000.00
N grid83:	167869.00	E grid83:	425324.00
Lat dec de:	39.18	Lon dec de:	76.71
Issue date:	23-OCT-90	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	07-DEC-90
Completion:	25-OCT-90	Total dept:	1.0E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	4.5E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	9.3E+001	Casing hei:	+01
Screen typ:	PL	Top screen:	9.3E+001
Bottom scr:	1.0E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	1.0E+001	Level befo:	6.0E+001
Level duri:	7.0E+001	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	9.0E+001	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

AB205
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000436349**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391051076423101		
Monloc name:	AA Ac 36		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1809411
Longitude:	-76.708303	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	170
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		
Aquifer type:	Not Reported		
Construction date:	19590511	Welldepth:	90
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1959-05-11	59	

206
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000436701**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391146076405201		
Monloc name:	AA Ac 58		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1962188
Longitude:	-76.6808022	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	170
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		
Aquifer type:	Not Reported		
Construction date:	1960	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1960-03-25	65	

207
NW
1/2 - 1 Mile
Higher

MD WELLS **MD6000000034087**

Objectid:	34096	County let:	AA
Permit:	AA817723	Mgs id:	Not Reported
B1 seq:	Not Reported	B1 recd:	09-DEC-86
City:	PASADENA	State:	MD
Zip:	21122	Driller na:	WOLFORD, DENTON J.
Driller id:	MWD0288	Est gpm pr:	8.0E+000
Use for wa:	DW		
Approx dep:	1.5E+002	Drill meth:	ROTARY
Replacemen:	N	Replace pe:	Not Reported
Wapid:	Not Reported	Subdivisio:	Not Reported
Section :	Not Reported	Lot:	Not Reported
Nearest to:	HANOVER	Town dista:	.9 MI
Road name:	7000 RIDGE RD	Road side:	W
Road dista:	5 FT	Tax map:	Not Reported
Block:	Not Reported	Parcel:	Not Reported
N grid27:	496000.00	E grid27:	884000.00
N grid83:	169697.00	E grid83:	425629.00
Lat dec de:	39.20	Lon dec de:	76.70
Issue date:	10-DEC-86	Special fl:	Not Reported
C1 seq:	Not Reported	C1 recd:	30-MAR-87
Completion:	26-FEB-87	Total dept:	1.7E+002
Num unsucc:	0	Hydrofract:	Not Reported
Grouted:	Y	Grout type:	BC
Grout top:	3.0E+000	Grout bott:	4.0E+001
Casing typ:	PL	Casing dia:	4.0E+000
Casing dep:	1.63E+002	Casing hei:	+01
Screen typ:	PL	Top screen:	1.63E+002
Bottom scr:	1.7E+002	Screen t 1:	Not Reported
Top scre 1:	0	Bottom s 1:	0
Screen t 2:	Not Reported	Top scre 2:	0

Bottom s 2:	0	Screen dia:	2.0E+000
Flowing we:	Not Reported	Telescopin:	Not Reported
Log type:	Not Reported	Hrs pumped:	2.0E+000
Pumping ra:	3.0E+001	Level befo:	1.1E+002
Level duri:	1.3E+002	Test pump :	A
Pump insta:	Not Reported	Install pu:	S
Capacity:	1.0E+001	Pump hp:	5.0E-001
Column len:	1.55E+002	Closed:	Not Reported
Abandoned:	Not Reported	Abandon da:	Not Reported

208
SSE **FED USGS** **USGS40000436158**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391021076405201		
Monloc name:	AA Ac 44		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.172608
Longitude:	-76.6808019	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	162
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		
Aquifer type:	Not Reported		
Construction date:	19591200	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	47
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

AD209
NE **FED USGS** **USGS40000436658**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391138076403801		
Monloc name:	AA Ac 32		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1939966
Longitude:	-76.6769131	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	155
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		
Aquifer type:	Not Reported		
Construction date:	19340000	Welldepth:	43
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1959-10-29	40.30	

AD210
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000436659**

Org. Identifier:	USGS-MD		
Formal name:	USGS Maryland Water Science Center		
Monloc Identifier:	USGS-391138076403802		
Monloc name:	AA Ac 33		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02060003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.1939966
Longitude:	-76.6769131	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	155
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Patapsco Formation		
Aquifer type:	Not Reported		
Construction date:	19550826	Welldepth:	105
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1955-08-26	48	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 21090

Number of sites tested: 73.

Maximum Radon Level: 27.4 pCi/L.
Minimum Radon Level: 0.2 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
58 (79.45%)	12 (16.44%)	1 (1.37%)	2 (2.74%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for ANNE ARUNDEL County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

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.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

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).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation 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.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

EPA Region 3 Statistical Summary Readings
Source: Region 3 EPA
Telephone: 215-814-2082
Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix C

Boring Logs

AECOM	*Client:* Maryland Aviation Authority	***BORING ID: SB-1/ TW-1***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: Temporary*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: 19'- 29'*
Weather: Partly Cloudy, high of 82 °F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/15/2015*	*Depth of Boring: 29'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/15/2015*	*Water Level: 23.15'*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-1A	SB-1A	0-6"
4										
5										
6					0.0		5'- 10' Dark gray/ black CLAY, some silt, trace sand, very firm, no plasticity, lean, moist, no odor			
7				36"						
8										
9										
10										
11					0.0		10'- 15' Reddish brown, CLAY, some silt, trace sand, very firm, no plasticity, lean, moist, no odor			
12				38"						
13										
14										
15										
16					0.0		15'- 18' Reddish brown, CLAY, some silt, trace sand, very firm, no plasticity, lean, moist, no odor			
17				39"						
18					0.0		18'- 20' Black, clayey SAND, lean, low to no plasticity, fine to medium grain, trace small gravels, very moist, no odor			
19										
20										
21					0.0		20'- 22' Black, clayey SAND, lean, low to no plasticity, fine to medium grain, trace small gravels, wet, no odor	SB-1B	SB-1B	21.5'-22'
22				30"	0.0		22'- 25' Brown, silty SAND, fine to medium grain, well graded, wet, no odor			
23										
24										
25										
26					0.0		25'- 30' White, clayey SAND, fine to very fine grain, lean, no plasticity, moist, no odor			
27				32"						
28										
29										

NOTES:
SB-1A (soil) analyzed for DRO/GRO/VOCs/SVOCs/PCBs/RCRA Metals
SB-1B (soil) analyzed for DRO/GRO
TW-1 (groundwater) analyzed for DRO/GRO/VOCs/RCRA Metals

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

AECOM	*Client:* Maryland Aviation Authority	***BORING ID: SB-2***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: No*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: N/A*
Weather: Partly Cloudy, high of 82°F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/16/2015*	*Depth of Boring: 25'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/16/2015*	*Water Level: ~ 21'*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-2A	SB-2A	0-6"
4										
5										
6					0.0		5'- 9' Dark brown/gray, silty CLAY, lean, no plasticity, trace small gravel, moist, no odor			
7										
8				42"	0.0		9'- 10' Brown, silty SAND, fine to medium grain, well graded, trace small gravels, moist, no odor			
9										
10										
11					0.0		10'- 12' Brown, silty SAND, fine to medium grain, well graded, trace small gravels, moist, no odor			
12					0.0		12'- 15' Reddish/brown, SAND, fine to medium grain, well graded, moist, no odor			
13				43"						
14										
15										
16					0.0		15'- 19' Reddish/brown, SAND, fine to medium grain, well graded, moist, no odor			
17										
18				60"						
19					0.0		19'- 20' White, sandy CLAY, fine grain, lean, no plasticity, moist, no odor			
20										
21					0.0		20'- 21' White, sandy CLAY, fine grain, lean, no plasticity, moist, no odor	SB-2B	SB-2B	20.5'- 21'
22					0.0		21'- 23' Red, clayey SAND, fine to medium grain, well graded, wet, no odor, lean, no plasticity,			
23				60"						
24					0.0 0.0		23'- 23.5' White, sandy CLAY, fine grain, lean, no plasticity, moist, no odor 23.5'- 25' Red, clayey SAND, fine to medium grain, well graded, wet, no odor, lean, no plasticity,			
25										

NOTES: SB-2A (soil) analyzed for DRO/GRO/VOCs/SVOCs/PCBs/RCRA Metals
SB-2B (soil) analyzed for DRO/GRO

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

AECOM	*Client:* Maryland Aviation Authority	***BORING ID: SB-3***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: No*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: N/A*
Weather: Partly Cloudy, high of 82°F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/15/2015*	*Depth of Boring: 30'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/16/2015*	*Water Level: ~ 26'*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-3A	SB-3A	0-6"
4										
5										
6					0.0		5'- 10' Gray, silty CLAY, lean, no plasticity, some fine to medium grain, well graded micaceous sand, wet to saturated, no odor			
7										
8				60"						
9										
10										
11					0.0		10'- 12' Gray, silty CLAY, lean, no plasticity, some fine to medium grain, well graded micaceous sand, moist, no odor			
12					0.0		12'- 13' Dark gray, sandy CLAY, lean, no plasticity, fine grain, micaceous, moist, no odor			
13				60"						
14					0.0		13'- 15' Reddish- brown CLAY, lean, no plasticity, stiff, some fine to medium grained micaceous sand, well graded, moist, no odor			
15										
16					0.0		15'- 20' Mottled red/bown/gray CLAY, lean, no plasticity, stiff, some fine to medium grained micaceous sand, well graded, moist, no odor			
17										
18				55"						
19										
20										
21					0.0		20'- 21' Mottled red/bown/gray CLAY, lean, no plasticity, stiff, some fine to medium grained micaceous sand, well graded, moist, no odor			
22					0.0		21'- 24' Red CLAY, lean, no plasticity, very stiff, moist, no odor			
23				60"						
24					0.0		24'- 25' Brown/ Black sandy SILT, fine to medium grained, well graded, organic matter and woody debris, very moist, organic odor			
25										
26					0.0		25'- 25.5' Brown/ Black sandy SILT, fine to medium grained, well graded, organic matter and woody debris, very moist, organic odor	SB-3B	SB-3B	25.5'- 26'
27					0.0		25.5'- 30' Gray/Tan silty SAND, fine to medium grained, well graded, wet to saturated, no odor			
28				60"						
29										
30										

NOTES: SB-3A (soil) analyzed for DRO/GRO/VOCs
SB-3B (soil) analyzed for DRO/GRO

Date	Time	Depth to groundwater while drilling

Checked by _____ Date: _____

AECOM	*Client:* Maryland Aviation Authority	***BORING ID: SB-4/ TW-4***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: Temporary*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: 17'- 27'*
Weather: Partly Cloudy, high of 82 °F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/15/2015*	*Depth of Boring: 27'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/15/2015*	*Water Level: 19.25'*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-4A	SB-4A	0-6"
4										
5										
6					0.0		5'- 6' Reddish-brown silty CLAY, no plasticity, lean, firm to stiff, moist, no odor			
7					0.0		6'- 8' Black silty CLAY, no plasticity, lean, firm to stiff, moist, no odor			
8				60"	0.0		8'- 10' Black silty CLAY, some fine to medium, well graded sand, no plasticity, lean, firm to stiff, moist, no odor			
9										
10										
11					0.0		10'- 12' Dark gray, CLAY, little silt, stiff, no plasticity, moist, no odor			
12					0.0		12'- 14' Red, CLAY, little fine grained sand, little silt, stiff, no plasticity, moist, no odor			
13				60"						
14					0.0		14'- 15' Brown SAND, fine to medium grain, well graded, moist to very moist, no odor			
15										
16					0.0		15'- 16' Brown SAND, fine to medium grain, well graded, some silt, moist to very moist, no odor			
17					0.0		16'- 20' Tan to brown, silty SAND, fine to medium grain, well graded, very moist to wet @ 20', no odor			
18				60"						
19										
20								SB-4B	SB-4B	19.5'- 20'
21					0.0		20'- 21' Tan to brown, silty SAND, fine to medium grain, well graded, very moist to wet @ 20', no odor			
22					0.0		21'- 23.5' Brown to red SAND, fine to coarse grain, well graded, saturated, no odor			
23				60"	0.0		23.5'- 24.5' Brown to red SAND, fine to coarse grain, well graded, some low to no plasticity lean clay, saturated, no odor			
24					0.0		24.5'- 25' White, CLAY, lean, low to no plasticity, stiff, very moist, no odor			
25										
26					0.0		25'- 25.5' White, CLAY, lean, low to no plasticity, stiff, very moist, no odor			
				24"	0.0		25.5'- 27' Tan to brown, SAND, fine to coarse grain, poorly graded towards coarse size, trace silt, wet, no odor			
27										

NOTES:
SB-4A (soil) analyzed for DRO/GRO/VOCs
SB-4B (soil) analyzed for DRO/GRO
TW-4 (groundwater) analyzed for DRO/GRO/VOCs/RCRA Metals

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

AECOM	*Client:* Maryland Aviation Authority	***BORING ID: SB-5***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: No*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: N/A*
Weather: Partly Cloudy, high of 82°F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/16/2015*	*Depth of Boring: 29'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/16/2015*	*Water Level: ~ 26'*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-5A	SB-5A	0-6"
4										
5										
6					0.0		5'- 10' Mottled red/gray silty CLAY, lean, no plasticity, medium stiff, trace fine micaceous sand, moist, no odor			
7				44"						
8										
9										
10										
11					0.0		10'- 12' Mottled red/gray silty CLAY, lean, no plasticity, medium stiff, trace fine micaceous sand, moist, no odor			
12					0.0		12'- 15' Reddish brown CLAY, lean, no plasticity, stiff, moist, no odor			
13				44"						
14										
15										
16					0.0		15'- 20' Reddish brown CLAY, lean, no plasticity, stiff, moist, no odor			
17										
18				28"						
19										
20										
21							NO RECOVERY			
22										
23				N/A						
24										
25										
26					0.0		25'- 26' Reddish brown sandy SILT, fine to medium grain, well graded, wet, no odor	SB-5B	SB-5B	25.5'- 26'
27					0.0		26'- 29' Dark brown SAND, fine to coarse grain, poorly graded towards medium grain, saturated, little small gravels, no odor			
28				37"						
29										

NOTES: SB-5A (soil) analyzed for DRO/GRO/VOCs
SB-5B (soil) analyzed for DRO/GRO

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

AECOM	*Client:* Maryland Aviation Authority	***BORING ID: SB-6/ TW-6***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: Temporary*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: 20'- 30'*
Weather: Partly Cloudy, high of 82 °F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/15/2015*	*Depth of Boring: 30'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/15/2015*	*Water Level: 24.75'*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-6A	SB-6A	0-6"
4										
5										
6					0.0		5'- 10' Red/black CLAY, lean, no plasticity, very stiff, moist, no odor			
7										
8				32"						
9										
10										
11					0.0		10'- 14' Red/black CLAY, lean, no plasticity, very stiff, moist, no odor			
12										
13				58"						
14					0.0		14'- 15' Tan silty SAND, fine to medium grain, well graded, slightly moist to moist, no odor			
15										
16					0.0		15'- 20' Tan silty SAND, fine to medium grain, well graded, slightly moist to moist, no odor			
17										
18				48"						
19										
20										
21					0.0		20'- 21' Tan silty SAND, fine to medium grain, well graded, slightly moist to moist, no odor			
22					0.0		21'- 24' Red, sandy CLAY, very stiff, fine to medium grain, well graded, some small gravels, moist, no odor			
23				40"						
24					0.0		24'- 25' Brown, SAND, fine to coarse grain, poorly sorted towards fine grain, very moist to wet, no odor	SB-6B	SB-6B	23.5'- 24'
25										
26					0.0		25'- 30' Brown, SAND, fine to coarse grain, poorly sorted towards fine grain, very moist to wet, no odor			
27										
28				57"						
29										
30										

NOTES:
SB-6A (soil) analyzed for DRO/GRO/VOCs/SVOCs/PCBs/RCRA Metals
SB-6B (soil) analyzed for DRO/GRO
TW-6 (groundwater) analyzed for DRO/GRO/VOCs/RCRA Metals

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

AECOM	*Client:* Maryland Aviation Authority	***BORING ID: SB-7/ TW-7***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: Temporary*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: 18.5'- 28.5'*
Weather: Partly Cloudy, high of 82 °F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/15/2015*	*Depth of Boring: 28.5'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/15/2015*	*Water Level: 16.92'*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-7A	SB-7A	0-6"
4										
5										
6					0.0		5'- 9' Dark gray, silty CLAY, lean, low to no plasticity, trace fine micaceous sand, medium stiff, moist, no odor, FILL material			
7										
8				35"						
9					0.0		9'- 10' Brown, silty SAND, fine to medium grain, well graded, trace lean clay, no plasticity, moist, no odor			
10										
11					0.0		10'- 11' Brown, silty SAND, fine to medium grain, well graded, trace lean clay, no plasticity, moist, no odor			
12					0.0		11'- 15' Red, silty SAND, fine to medium grain, well graded, trace lean clay, no plasticity, moist, no odor			
13				34"						
14										
15								SB-7B	SB-7B	14.5'- 15'
16							NO RECOVERY			
17										
18				N/A						
19										
20										
21					0.0		20'- 23' Gray/tan, SAND, fine to coarse grain, well graded, wet, no odor			
22										
23				47"	0.0		23'- 25' Red clayey SAND, some lean clay, no plasticity, wet, no odor			
24										
25										
26					0.0		25'- 28.5' Red clayey SAND, some lean clay, no plasticity, wet, no odor			
27				42"						
28										
28.5										

NOTES: SB-7A (soil) analyzed for DRO/GRO/VOCs/SVOCs/PCBs/RCRA Metals
SB-7B (soil) analyzed for DRO/GRO
TW-7 (groundwater) analyzed for DRO/GRO/VOCs/RCRA Metals

Date	Time	Depth to groundwater while drilling

Checked by _____ Date: _____

AECOM	*Client:* Maryland Aviation Authority		***BORING ID: SB-8/ TW-8***
	Project Number: 60427594.1		
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way		
	Coordinates: N/A	*Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push		*Monitoring Well Installed: Temporary*
	Sample Type(s): Continuous 5ft Sleeves	*Boring Diameter: 3"*	*Screened Interval: 15'- 30'*
Weather: Partly Cloudy, high of 82°F, chance of thunderstorms	*Logged By: DH/ JJ*	*Date Started: 7/15/2015*	*Depth of Boring: 33'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A*	*Date Finished: 7/15/2015*	*Water Level: 25.50'*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-8A	SB-8A	0-6"
4										
5										
6					0.0		5'- 6' Gray to black, silty CLAY, lean, no plasticity, little fine grain micaceous sand, moist, firm, no odor			
7					0.0		6'- 10' Red/gray, silty CLAY, lean, no plasticity, little fine grain micaceous sand, moist, very firm, no odor			
8				44"						
9										
10										
11					0.0		10'- 15' Red/gray, silty CLAY, lean, no plasticity, little fine grain micaceous sand, moist, very firm, no odor			
12										
13				60"						
14										
15										
16					0.0		15'- 19' Red/gray, silty CLAY, lean, no plasticity, little fine grain micaceous sand, moist, very firm, no odor			
17										
18				54"						
19					0.0		19'- 20' Gray/brown, SAND, fine to medium grain, well graded, trace small gravels, trace silt, moist, no odor			
20										
21					0.0		20'- 22' Gray/brown, SAND, fine to medium grain, well graded, trace small gravels, trace silt, moist, no odor			
22					0.0		22'- 25' Reddish brown, sandy CLAY, fine to coarse grain, well graded, some small to medium gravels, lean clay, no plasticity, moist, no odor			
23				34"						
24										
25										
26					0.0		25'- 27' Red, clayey SAND, fine to coarse grain, well graded, some small to medium gravels, lean clay, no plasticity, moist, no odor			
27					0.0		27'- 30' Reddish brown, SAND, fine to medium grain, well graded, moist to wet, no odor	SB-8B	SB-8B	26.5'- 27'
28				47"						
29										
30										
31							NO RECOVERY			
32				N/A						
33										

NOTES: SB-8A (soil) analyzed for DRO/GRO/VOCs/SVOCs/PCBs/RCRA Metals
SB-8B (soil) analyzed for DRO/GRO
TW-8 (groundwater) analyzed for DRO/GRO/VOCs/RCRA Metals

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

AECOM	*Client:* Maryland Aviation Authority	***BORING ID: SB-9***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: No*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: N/A*
Weather: Partly Cloudy, high of 82°F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/16/2015*	*Depth of Boring: 20'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/16/2015*	*Water Level: ~ 15'*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-9A	SB-9A	0-6"
4										
5										
6					0.0		5'- 7' Mottled red/brown, clayey SILT, lean, no plasticity, trace fine micaceous sand, moist, no odor			
7				29"	0.0		7'-10' Red, silty CLAY, lean, no plasticity, medium stiff, trace fine sand, moist, no odor			
8										
9										
10										
11					0.0		10'- 14' Red, silty CLAY, lean, no plasticity, medium stiff, trace fine sand, moist, no odor			
12				25"						
13										
14					0.0		14'- 15' Brown, SAND, fine to medium grain, well graded, little small gravels, trace silt, moist, no odor	SB-9B	SB-9B	14.5-15'
15										
16					0.0		15'- 17' Brown, SAND, fine to medium grain, well graded, little small gravels, trace silt, wet, no odor			
17				48"	0.0		17'- 19' Red clayey SAND, lean, no plasticity, fine to medium grain, well graded, wet, no odor			
18										
19					0.0		19'- 20' Brown/tan SAND, fine to coarse grain, poorly graded towards fines, trace small gravels, wet, no odor			
20										

NOTES: SB-9A (soil) analyzed for DRO/GRO/VOCs
SB-9B (soil) analyzed for DRO/GRO

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

AECOM	*Client:* Maryland Aviation Authority	***BORING ID: SB-10***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: No*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: N/A*
Weather: Partly Cloudy, high of 82°F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/16/2015*	*Depth of Boring: 25'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/16/2015*	*Water Level: ~ 20*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-10A	SB-10A	0-6"
4										
5										
6					0.0		5'- 7.5' Reddish brown, silty CLAY, lean, no plasticity, trace small gravels, moist, no odor			
7				60"	0.0		7.5'- 10' Reddish brown, silty CLAY, lean, no plasticity, trace small gravels, stiff, some fine to medium grain, well graded micaceous sand, moist, no odor			
8										
9										
10										
11					0.0		10'- 15' Reddish brown/gray, silty CLAY, lean, no plasticity, trace small gravels, medium stiff, some fine to medium grain, well graded micaceous sand, moist, no odor			
12				58"						
13										
14										
15										
16					0.0		15'- 17' Reddish brown/gray, silty CLAY, lean, no plasticity, trace small gravels, medium stiff, some fine to medium grain, well graded micaceous sand, moist, no odor			
17				49"	0.0		17'- 20' Reddish brown to brown, SAND, fine to coarse grain, poorly graded towards fines, some small to medium gravels, trace lean clay, moist to wet @ 20', no odor			
18										
19										
20								SB-10B	SB-10B	19.5'- 20'
21					0.0		20'- 23' Reddish brown to brown, SAND, fine to coarse grain, poorly graded towards fines, some small to medium gravels, trace lean clay, moist wet, no odor			
22				40"	0.0		23'- 24' Reddish brown, SAND/gravel layer, fine to coarse grain, well graded small to medium gravels, poorly graded towards small, trace lean clay, wet, no odor			
23										
24					0.0		24'- 25' Brown, clayey SAND, lean, no plasticity, fine to medium grain, well graded, some small gravels, moist, no odor			
25										

NOTES:
SB-10A (soil) analyzed for DRO/GRO/VOCs/SVOCs/PCBs/RCRA Metals
DUPLICATE SB-10AS (soil) analyzed for DRO/GRO/VOCs/SVOCs/PCBs/RCRA Metals
SB-10B (soil) analyzed for DRO/GRO

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

AECOM	*Client: Maryland Aviation Authority*	***BORING ID: SB-11***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: No*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: N/A*
Weather: Partly Cloudy, high of 82°F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/16/2015*	*Depth of Boring: 20'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/16/2015*	*Water Level: ~ 18*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
3					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-11A	SB-11A	0-6"
4										
5										
6					0.0		5'- 10' Reddish brown, silty CLAY, lean, no plasticity, stiff, trace fine micaceous sand, moist, no odor			
7										
8				48"						
9										
10										
11					0.0		10'- 12' Gray, clayey SILT, no plasticity, lean, little fine sand, moist, organic odor			
12					0.0		12'- 14' Brown/gray, SAND, fine to medium grain, well graded, little small gravels, moist, no odor			
13				30"						
14					0.0		14'- 15' Mottled gray/red CLAY, lean, no plasticity, medium stiff, some fine sand, trace silt, trace medium gravels, moist, no odor			
15										
16					0.0		15'- 16' Mottled gray/red CLAY, lean, no plasticity, medium stiff, some fine sand, trace silt, trace medium gravels, moist, no odor	SB-11B	SB-11B	15.5'- 16'
17					0.0		16'- 18' Red, SAND, some silt, trace lean clay, fine to coarse grain, well graded, wet to saturated, no odor,			
18				60"	0.0		18'- 20' White, sandy CLAY, lean, no plasticity, stiff to medium stiff, fine to coarse grain, well graded, wet, no odor			
19										
20										

NOTES: SB-11A (soil) analyzed for DRO/GRO/VOCs
SB-11B (soil) analyzed for DRO/GRO

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

AECOM	*Client:* Maryland Aviation Authority	***BORING ID: SB-12/ TW-12***
	Project Number: 60427594.1	
	Site Location: Parking lot at the intersection of Aviation Blvd and Amtrak Way	
	Coordinates: N/A *Elevation: N/A*	*Sheet: 1 of 1*
	Drilling Method: GeoProbe Direct Push	*Monitoring Well Installed: Temporary*
	Sample Type(s): Continuous 5ft Sleeves *Boring Diameter: 3"*	*Screened Interval: 19'- 29'*
Weather: Partly Cloudy, high of 82°F, chance of thunderstorms	*Logged By: DH/ JJ* *Date Started: 7/16/2015*	*Depth of Boring: 29'*
Drilling Contractor: GSI- MidAtlantic	*Ground Elevation: N/A* *Date Finished: 7/16/2015*	*Water Level: 17.50'*

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample	Depth (Ft.)
1							Hand auger to 5' bgs to pre-clear for potential subsurface hazards (i.e. utilities)			
2							0'- 1' asphalt			
					0.0		1'- 5' Red/ Gray, SAND with silt, tight, dry	SB-12A	SB-12A	0-6"
3										
4										
5										
					0.0		5'- 10' Reddish brown, sandy CLAY, fine to medium grain, well graded, trace to little small gravels, lean, no plasticity, moist, no odor			
6										
7				50"						
8										
9										
10										
					0.0		10'- 15' Reddish brown, sandy CLAY, fine to medium grain, well graded, trace to little small gravels, lean, no plasticity, moist, no odor			
11										
12				14"						
13										
14										
15								SB-12A	SB-12A	14.5'- 15'
					0.0		15'- 20' Medium to small gravels in top 3" followed by brown, clayey SAND, lean, no plasticity, fine to medium grain, well graded, wet to saturated, no odor			
16										
17				20"						
18										
19										
20										
					0.0		20'- 23' Tan, clayey SAND, some silt, lean, no plasticity, fine to medium grain, well graded, wet to very moist, no odor			
21										
22				55"						
23					0.0		23'- 25' Red, SAND, fine to coarse grain, well graded, some small to medium gravels, little lean clay, trace silt, moist to very moist, no odor			
24										
25										
					0.0		25'- 29' Red, SAND, fine to medium grain, well graded, some small gravels, wet, no odor			
26										
27				14"						
28										
29										

NOTES: SB-12A (soil) analyzed for DRO/GRO/VOCs/SVOCs/PCBs/RCRA Metals
SB-12B (soil) analyzed for DRO/GRO
TW-12 (groundwater) analyzed for DRO/GRO/VOCs/RCRA Metals

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Appendix D

Soil and Groundwater Laboratory Analytical Report

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-53332-1
Client Project/Site: MAA Parking Lot

For:
AECOM
8000 Virginia Manor Road
Suite 110
Beltsville, Maryland 20705

Attn: Dan Hulbert

Authorized for release by:
7/31/2015 3:20:31 PM

Amy McCormick, Project Manager II
(330)966-9787
amy.mccormick@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
*	ISTD response or retention time outside acceptable limits
F1	MS and/or MSD Recovery is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
E	Result exceeded calibration range.

GC VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-53332-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: AECOM

Project: MAA Parking Lot

Report Number: 240-53332-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

The 8082A Polychlorinated Biphenyls (Sample 33) analysis was performed at the TestAmerica Nashville Laboratory.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 7/17/2015 10:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 5 coolers at receipt time were 1.4º C, 1.6º C, 3.8º C, 4.0º C and 4.4º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples SB-1A (240-53332-1), SB-2A (240-53332-3), SB-3A (240-53332-5), SB-4A (240-53332-7), SB-5A (240-53332-9), SB-6A (240-53332-11), SB-7A (240-53332-13), SB-8A (240-53332-15), SB-9A (240-53332-17), SB-10A (240-53332-19), SB-11A (240-53332-21), SB-12A (240-53332-23) and SB-10AS (240-53332-34) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 07/17/2015 and analyzed on 07/21/2015.

Samples SB-1A (240-53332-1), SB-2A (240-53332-3), SB-3A (240-53332-5), SB-4A (240-53332-7), SB-5A (240-53332-9), SB-6A (240-53332-11), SB-7A (240-53332-13), SB-8A (240-53332-15), SB-9A (240-53332-17), and SB-11A (240-53332-21) were preserved via freezing on 7/17/2015 at 16:46. This is outside the 48-hour time frame required by the method.

Methylene Chloride was detected in method blank MB 240-189860/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the

Job ID: 240-53332-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

MDL and/or RL, the result has been flagged.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples TW-4 (240-53332-25), TW-7 (240-53332-26), TW-8 (240-53332-27), TW-8D (240-53332-28), TW-6 (240-53332-29), TW-1 (240-53332-30), TW-12 (240-53332-31), EB-1GW (240-53332-32), EB-1S (240-53332-33), TB-1 (240-53332-35) and TB-2 (240-53332-36) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 07/20/2015, 07/22/2015 and 07/28/2015.

Samples TW-8D (240-53332-28)[1.25X] and TW-12 (240-53332-31)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Methylene Chloride was detected in method blank MB 240-190107/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 189765 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 240-190107 recovered above the upper control limit for Bromomethane. Samples TW-7 (240-53332-26), TW-6 (240-53332-29), and TW-1 (240-53332-30) associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples SB-1A (240-53332-1), SB-2A (240-53332-3), SB-6A (240-53332-11), SB-7A (240-53332-13), SB-10A (240-53332-19), SB-12A (240-53332-23) and SB-10AS (240-53332-34) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 07/21/2015 and analyzed on 07/25/2015.

Bis(2-ethylhexyl) phthalate and Di-n-butyl phthalate were detected in method blank MB 240-189889/23-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Hexachlorocyclopentadiene failed the recovery criteria low for the MS/MSD of sample SB-12AMS/MSD (240-53332-23) in batch 240-190630. Di-n-octyl phthalate failed the recovery criteria high.

Internal standard responses were outside of acceptance limits for samples SB-7A (240-53332-13) and SB-10A (240-53332-19). The samples show evidence of matrix interference.

The continuing calibration verification (CCV) associated with analytical batch 190630 recovered above the upper control limit for Nitrobenzene, Atrazine, and 4-Nitrophenol. Samples SB-1A (240-53332-1), SB-2A (240-53332-3), SB-6A (240-53332-11), SB-7A (240-53332-13), SB-10A (240-53332-19), SB-12A (240-53332-23), SB-12A (240-53332-23[MS]), SB-12A (240-53332-23[MSD]), SB-10AS (240-53332-34), and (MB 240-189889/23-A) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

2,2'-oxybis[1-chloropropane] and Hexachlorobenzene had response factors below method recommendations for the continuing calibration verification (CCV) in analytical batch 190630. An LODV was analyzed to demonstrate sensitivity for these analytes at the reporting limit for samples SB-1A (240-53332-1), SB-2A (240-53332-3), SB-6A (240-53332-11), SB-7A (240-53332-13), SB-10A (240-53332-19), SB-12A (240-53332-23), SB-12A (240-53332-23[MS]), SB-12A (240-53332-23[MSD]), SB-10AS (240-53332-34), and (MB 240-189889/23-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Job ID: 240-53332-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

Sample EB-1S (240-53332-33) was analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The sample was prepared on 07/23/2015 and analyzed on 07/29/2015.

Di-n-butyl phthalate was detected in method blank MB 240-190330/4-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The LCS associated with sample EB-1S (240-53332-33) in batch 190330 recovered low for Phenol. Since the recovery limits for LVI are advisory, no corrective action was taken.

The CCAL for batch 191094 recovered low for Benzaldehyde. An LODV was analyzed in this batch to support the ND for this compound in sample EB-1S (240-53332-33).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GASOLINE RANGE ORGANICS (GRO)
Samples SB-1A (240-53332-1), SB-1B (240-53332-2), SB-2A (240-53332-3), SB-2B (240-53332-4), SB-3A (240-53332-5), SB-3B (240-53332-6), SB-4A (240-53332-7), SB-4B (240-53332-8), SB-5A (240-53332-9), SB-5B (240-53332-10), SB-6A (240-53332-11), SB-6B (240-53332-12), SB-7A (240-53332-13), SB-7B (240-53332-14), SB-8A (240-53332-15), SB-8B (240-53332-16), SB-9A (240-53332-17), SB-9B (240-53332-18), SB-10A (240-53332-19), SB-10B (240-53332-20), SB-11A (240-53332-21), SB-11B (240-53332-22), SB-12A (240-53332-23), SB-12B (240-53332-24) and SB-10AS (240-53332-34) were analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were prepared and analyzed on 07/23/2015, 07/27/2015 and 07/28/2015.

Trifluorotoluene (Surr) failed the surrogate recovery criteria low for SB-9BMS (240-53332-18MS), SB-12AMS (240-53332-23MS), and SB-12AMSD (240-53332-23MSD).

Gasoline Range Organics [C6 - C10] exceeded the RPD limit for the MSD of sample SB-9BMSD (240-53332-18) in batch 240-190902.

Surrogate recovery for samples (240-53332-C-18-D MS) and (240-53332-C-18-E MSD) were outside control limits. Surrogate recovery in the parent sample passed low showing evidence of matrix interference; therefore, re-extraction and/or re-analysis was not performed.

Surrogate recovery for samples SB-12A (240-53332-23[MS]) and SB-12A (240-53332-23[MSD]) were outside control limits. Surrogate recovery was low, but passed in the parent sample showing evidence of matrix interference; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GASOLINE RANGE ORGANICS (GRO)
Samples TW-4 (240-53332-25), TW-7 (240-53332-26), TW-8 (240-53332-27), TW-8D (240-53332-28), TW-6 (240-53332-29), TW-1 (240-53332-30), TW-12 (240-53332-31), EB-1GW (240-53332-32) and EB-1S (240-53332-33) were analyzed for gasoline range organics (GRO) in accordance with SW-846 Method 8015D. The samples were analyzed on 07/21/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DIESEL RANGE ORGANICS
Samples SB-1A (240-53332-1), SB-1B (240-53332-2), SB-2A (240-53332-3), SB-2B (240-53332-4), SB-3A (240-53332-5), SB-3B (240-53332-6), SB-4A (240-53332-7), SB-4B (240-53332-8), SB-5A (240-53332-9), SB-5B (240-53332-10), SB-6A (240-53332-11), SB-6B (240-53332-12), SB-7A (240-53332-13), SB-7B (240-53332-14), SB-8A (240-53332-15), SB-8B (240-53332-16), SB-9A (240-53332-17), SB-9B (240-53332-18), SB-10A (240-53332-19), SB-10B (240-53332-20), SB-11A (240-53332-21), SB-11B (240-53332-22), SB-12A (240-53332-23), SB-12B (240-53332-24) and SB-10AS (240-53332-34) were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015D-DRO. The samples were prepared on 07/21/2015 and 07/22/2015 and analyzed on 07/23/2015, 07/24/2015 and 07/25/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DIESEL RANGE ORGANICS

Job ID: 240-53332-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

Samples TW-4 (240-53332-25), TW-7 (240-53332-26), TW-8 (240-53332-27), TW-8D (240-53332-28), TW-6 (240-53332-29), TW-1 (240-53332-30), TW-12 (240-53332-31), EB-1GW (240-53332-32) and EB-1S (240-53332-33) were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015D-DRO. The samples were prepared on 07/21/2015 and analyzed on 07/23/2015 and 07/24/2015.

The continuing calibration verification (CCV) associated with batch 240-190232 recovered above the upper control limit for Diesel Range Organics [C10 - C28]. Samples TW-8D (240-53332-28), TW-1 (240-53332-30), TW-12 (240-53332-31), EB-1GW (240-53332-32), and EB-1S (240-53332-33) associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

POLYCHLORINATED BIPHENYLS (PCBS)
Samples SB-1A (240-53332-1), SB-2A (240-53332-3), SB-7A (240-53332-13), SB-10A (240-53332-19), SB-12A (240-53332-23) and SB-10AS (240-53332-34) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 07/21/2015 and analyzed on 07/23/2015.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required. All of the samples in this data set analyzed for PCBs were subjected to the sulfuric acid cleanup procedure before instrumental analysis, per EPA Method 3665A.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

POLYCHLORINATED BIPHENYLS (PCBS)
Sample EB-1S (240-53332-33) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The sample was prepared on 07/25/2015 and analyzed on 07/27/2015.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required. All of the samples in this data set analyzed for PCBs were subjected to the sulfuric acid cleanup procedure before instrumental analysis, per EPA Method 3665A.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

METALS (ICPMS)
Samples SB-1A (240-53332-1), SB-2A (240-53332-3), SB-7A (240-53332-13), SB-10A (240-53332-19), SB-12A (240-53332-23) and SB-10AS (240-53332-34) were analyzed for metals (ICPMS) in accordance with EPA SW-846 Methods 6020A. The samples were prepared on 07/21/2015 and analyzed on 07/22/2015.

Arsenic, Chromium and Selenium were detected in method blank MB 240-189994/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Barium failed the recovery criteria high for the MS of sample SB-12AMS (240-53332-23) in batch 240-190331.

Barium failed the recovery criteria high for the MSD of sample SB-12AMSD (240-53332-23) in batch 240-190331. Barium exceeded the RPD limit.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL RECOVERABLE METALS (ICPMS)
Samples TW-4 (240-53332-25), TW-7 (240-53332-26), TW-8 (240-53332-27), TW-8D (240-53332-28), TW-6 (240-53332-29), TW-1 (240-53332-30), TW-12 (240-53332-31), EB-1GW (240-53332-32) and EB-1S (240-53332-33) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020A. The samples were prepared on 07/21/2015 and analyzed on 07/22/2015.

Arsenic, Chromium and Lead were detected in method blank MB 240-189918/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result

Job ID: 240-53332-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

above the MDL and/or RL, the result has been flagged.

Barium failed the recovery criteria high for the MSD of sample TW-7MSD (240-53332-26) in batch 240-190331.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY
Samples TW-4 (240-53332-25), TW-7 (240-53332-26), TW-8 (240-53332-27), TW-8D (240-53332-28), TW-6 (240-53332-29), TW-1 (240-53332-30), TW-12 (240-53332-31), EB-1GW (240-53332-32) and EB-1S (240-53332-33) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 07/21/2015 and analyzed on 07/22/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

MERCURY
Samples SB-1A (240-53332-1), SB-2A (240-53332-3), SB-7A (240-53332-13), SB-10A (240-53332-19), SB-12A (240-53332-23) and SB-10AS (240-53332-34) were analyzed for mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 07/21/2015 and analyzed on 07/22/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS
Samples SB-1A (240-53332-1), SB-1B (240-53332-2), SB-2A (240-53332-3), SB-2B (240-53332-4), SB-3A (240-53332-5), SB-3B (240-53332-6), SB-4A (240-53332-7), SB-4B (240-53332-8), SB-5A (240-53332-9), SB-5B (240-53332-10), SB-6A (240-53332-11), SB-6B (240-53332-12), SB-7A (240-53332-13), SB-7B (240-53332-14), SB-8A (240-53332-15), SB-8B (240-53332-16), SB-9A (240-53332-17), SB-9B (240-53332-18), SB-10A (240-53332-19), SB-10B (240-53332-20), SB-11A (240-53332-21), SB-11B (240-53332-22), SB-12A (240-53332-23), SB-12B (240-53332-24) and SB-10AS (240-53332-34) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 07/18/2015.

Percent Moisture exceeded the RPD limit for the duplicate of sample SB-4BDU (240-53332-8).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
8015D	Gasoline Range Organics (GRO) (GC)	SW846	TAL CAN
8015D	Diesel Range Organics (DRO) (GC)	SW846	TAL CAN
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NSH
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
6020A	Metals (ICP/MS)	SW846	TAL CAN
7470A	Mercury (CVAA)	SW846	TAL CAN
7471B	Mercury (CVAA)	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Sample Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-53332-1	SB-1A	Solid	07/15/15 16:45	07/17/15 10:45
240-53332-2	SB-1B	Solid	07/15/15 17:00	07/17/15 10:45
240-53332-3	SB-2A	Solid	07/15/15 11:10	07/17/15 10:45
240-53332-4	SB-2B	Solid	07/16/15 08:45	07/17/15 10:45
240-53332-5	SB-3A	Solid	07/15/15 10:40	07/17/15 10:45
240-53332-6	SB-3B	Solid	07/16/15 09:35	07/17/15 10:45
240-53332-7	SB-4A	Solid	07/15/15 08:30	07/17/15 10:45
240-53332-8	SB-4B	Solid	07/15/15 11:30	07/17/15 10:45
240-53332-9	SB-5A	Solid	07/15/15 11:20	07/17/15 10:45
240-53332-10	SB-5B	Solid	07/16/15 13:25	07/17/15 10:45
240-53332-11	SB-6A	Solid	07/15/15 10:20	07/17/15 10:45
240-53332-12	SB-6B	Solid	07/15/15 15:15	07/17/15 10:45
240-53332-13	SB-7A	Solid	07/15/15 09:55	07/17/15 10:45
240-53332-14	SB-7B	Solid	07/15/15 12:50	07/17/15 10:45
240-53332-15	SB-8A	Solid	07/15/15 12:35	07/17/15 10:45
240-53332-16	SB-8B	Solid	07/15/15 15:00	07/17/15 10:45
240-53332-17	SB-9A	Solid	07/15/15 14:00	07/17/15 10:45
240-53332-18	SB-9B	Solid	07/16/15 12:45	07/17/15 10:45
240-53332-19	SB-10A	Solid	07/16/15 10:55	07/17/15 10:45
240-53332-20	SB-10B	Solid	07/16/15 11:10	07/17/15 10:45
240-53332-21	SB-11A	Solid	07/15/15 14:15	07/17/15 10:45
240-53332-22	SB-11B	Solid	07/16/15 12:20	07/17/15 10:45
240-53332-23	SB-12A	Solid	07/16/15 11:40	07/17/15 10:45
240-53332-24	SB-12B	Solid	07/16/15 11:50	07/17/15 10:45
240-53332-25	TW-4	Water	07/15/15 12:00	07/17/15 10:45
240-53332-26	TW-7	Water	07/15/15 13:15	07/17/15 10:45
240-53332-27	TW-8	Water	07/15/15 14:30	07/17/15 10:45
240-53332-28	TW-8D	Water	07/15/15 14:30	07/17/15 10:45
240-53332-29	TW-6	Water	07/15/15 15:40	07/17/15 10:45
240-53332-30	TW-1	Water	07/16/15 10:25	07/17/15 10:45
240-53332-31	TW-12	Water	07/16/15 12:00	07/17/15 10:45
240-53332-32	EB-1GW	Water	07/16/15 09:30	07/17/15 10:45
240-53332-33	EB-1S	Water	07/16/15 09:00	07/17/15 10:45
240-53332-34	SB-10AS	Solid	07/16/15 11:00	07/17/15 10:45
240-53332-35	TB-1	Water	07/16/15 00:00	07/17/15 10:45
240-53332-36	TB-2	Water	07/16/15 00:00	07/17/15 10:45

Detection Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-1A — Lab Sample ID: 240-53332-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	19	H	16	4.6	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	1.8	J H	16	0.90	ug/Kg	1	☼	8260B	Total/NA
Toluene	0.54	J H	4.0	0.22	ug/Kg	1	☼	8260B	Total/NA
Benzo[b]fluoranthene	5.7	J	7.8	0.69	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	32	J B	81	22	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	42	J B	81	17	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	6.4	J	7.8	0.64	ug/Kg	1	☼	8270D	Total/NA
Pyrene	6.3	J	7.8	0.51	ug/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10 - C28]	18	J	19	7.4	mg/Kg	1	☼	8015D	Total/NA
Silver	0.030	J	0.21	0.0014	mg/Kg	2	☼	6020A	Total/NA
Arsenic	2.5	B	1.0	0.027	mg/Kg	2	☼	6020A	Total/NA
Barium	60		1.0	0.23	mg/Kg	2	☼	6020A	Total/NA
Cadmium	0.15	J	0.21	0.0038	mg/Kg	2	☼	6020A	Total/NA
Chromium	12	B	0.41	0.062	mg/Kg	2	☼	6020A	Total/NA
Lead	4.1		0.21	0.046	mg/Kg	2	☼	6020A	Total/NA
Selenium	0.66	J B	1.0	0.041	mg/Kg	2	☼	6020A	Total/NA

Client Sample ID: SB-1B — Lab Sample ID: 240-53332-2

No Detections.

Client Sample ID: SB-2A — Lab Sample ID: 240-53332-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.6	J H	15	4.3	ug/Kg	1	☼	8260B	Total/NA
Toluene	0.40	J H	3.7	0.20	ug/Kg	1	☼	8260B	Total/NA
Bis(2-ethylhexyl) phthalate	24	J B	79	21	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	32	J B	79	17	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	4.9	J	7.5	0.62	ug/Kg	1	☼	8270D	Total/NA
Pyrene	6.7	J	7.5	0.49	ug/Kg	1	☼	8270D	Total/NA
Silver	0.025	J	0.19	0.0014	mg/Kg	2	☼	6020A	Total/NA
Arsenic	3.5	B	0.97	0.025	mg/Kg	2	☼	6020A	Total/NA
Barium	31		0.97	0.21	mg/Kg	2	☼	6020A	Total/NA
Cadmium	0.16	J	0.19	0.0036	mg/Kg	2	☼	6020A	Total/NA
Chromium	11	B	0.39	0.058	mg/Kg	2	☼	6020A	Total/NA
Lead	6.7		0.19	0.044	mg/Kg	2	☼	6020A	Total/NA
Selenium	2.2	B	0.97	0.039	mg/Kg	2	☼	6020A	Total/NA
Mercury	0.025	J	0.11	0.015	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-2B — Lab Sample ID: 240-53332-4

No Detections.

Client Sample ID: SB-3A — Lab Sample ID: 240-53332-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25	H	16	4.5	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	1.7	J H	16	0.89	ug/Kg	1	☼	8260B	Total/NA
Toluene	1.1	J H	4.0	0.21	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-3B — Lab Sample ID: 240-53332-6

No Detections.

Client Sample ID: SB-4A — Lab Sample ID: 240-53332-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.9	J H	16	4.5	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	1.7	J H	16	0.88	ug/Kg	1	☼	8260B	Total/NA
2-Methyl-2-propanol	11	J H	160	4.5	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-4B — Lab Sample ID: 240-53332-8

No Detections.

Client Sample ID: SB-5A — Lab Sample ID: 240-53332-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10 - C28]	16	J	20	7.8	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: SB-5B — Lab Sample ID: 240-53332-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10 - C28]	24		20	7.7	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: SB-6A — Lab Sample ID: 240-53332-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J H	16	4.6	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	1.2	J H	16	0.90	ug/Kg	1	☼	8260B	Total/NA
Toluene	0.88	J H	4.0	0.22	ug/Kg	1	☼	8260B	Total/NA
Bis(2-ethylhexyl) phthalate	36	J B	81	22	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	33	J B	81	17	ug/Kg	1	☼	8270D	Total/NA
Pyrene	6.3	J	7.7	0.51	ug/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10 - C28]	24		20	7.5	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: SB-6B — Lab Sample ID: 240-53332-12

No Detections.

Client Sample ID: SB-7A — Lab Sample ID: 240-53332-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.31	J H	3.6	0.23	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	1.4	J H	14	0.81	ug/Kg	1	☼	8260B	Total/NA
Toluene	5.0	H	3.6	0.20	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	0.46	J H	7.2	0.39	ug/Kg	1	☼	8260B	Total/NA
Bis(2-ethylhexyl) phthalate	38	J B	75	20	ug/Kg	1	☼	8270D	Total/NA
Chrysene	13		7.2	1.2	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	36	J B	75	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	6.0	J	7.2	0.47	ug/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10 - C28]	130		18	6.8	mg/Kg	1	☼	8015D	Total/NA
Silver	0.027	J	0.18	0.0012	mg/Kg	2	☼	6020A	Total/NA
Arsenic	4.3	B	0.88	0.023	mg/Kg	2	☼	6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-7A (Continued) — Lab Sample ID: 240-53332-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	21		0.88	0.19	mg/Kg	2	☼	6020A	Total/NA
Cadmium	0.19		0.18	0.0032	mg/Kg	2	☼	6020A	Total/NA
Chromium	13	B	0.35	0.053	mg/Kg	2	☼	6020A	Total/NA
Lead	8.2		0.18	0.039	mg/Kg	2	☼	6020A	Total/NA
Selenium	1.3	B	0.88	0.035	mg/Kg	2	☼	6020A	Total/NA

Client Sample ID: SB-7B — Lab Sample ID: 240-53332-14

No Detections.

Client Sample ID: SB-8A — Lab Sample ID: 240-53332-15

No Detections.

Client Sample ID: SB-8B — Lab Sample ID: 240-53332-16

No Detections.

Client Sample ID: SB-9A — Lab Sample ID: 240-53332-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	26	H	16	4.6	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.77	J H	4.0	0.48	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	1.0	J H	4.0	0.26	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	4.2	J H	16	0.90	ug/Kg	1	☼	8260B	Total/NA
Toluene	13	H	4.0	0.22	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	3.1	J H	8.1	0.43	ug/Kg	1	☼	8260B	Total/NA
Diesel Range Organics [C10 - C28]	64		19	7.1	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: SB-9B — Lab Sample ID: 240-53332-18

No Detections.

Client Sample ID: SB-10A — Lab Sample ID: 240-53332-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16		16	4.6	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	1.7	J	16	0.90	ug/Kg	1	☼	8260B	Total/NA
Toluene	1.5	J	4.0	0.22	ug/Kg	1	☼	8260B	Total/NA
Bis(2-ethylhexyl) phthalate	35	J B	79	21	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	30	J B	79	17	ug/Kg	1	☼	8270D	Total/NA
Pyrene	8.6		7.5	0.50	ug/Kg	1	☼	8270D	Total/NA
Silver	0.024	J	0.21	0.0014	mg/Kg	2	☼	6020A	Total/NA
Arsenic	5.3	B	1.0	0.027	mg/Kg	2	☼	6020A	Total/NA
Barium	68		1.0	0.23	mg/Kg	2	☼	6020A	Total/NA
Cadmium	0.25		0.21	0.0038	mg/Kg	2	☼	6020A	Total/NA
Chromium	14	B	0.41	0.062	mg/Kg	2	☼	6020A	Total/NA
Lead	5.0		0.21	0.046	mg/Kg	2	☼	6020A	Total/NA
Selenium	0.85	J B	1.0	0.041	mg/Kg	2	☼	6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10B — Lab Sample ID: 240-53332-20

No Detections.

Client Sample ID: SB-11A — Lab Sample ID: 240-53332-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.4	J H	15	4.3	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	1.7	J H	15	0.85	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-11B — Lab Sample ID: 240-53332-22

No Detections.

Client Sample ID: SB-12A — Lab Sample ID: 240-53332-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.98	J	4.6	0.55	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	33		8.1	0.61	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	4.9	J	8.1	0.92	ug/Kg	1	☼	8270D	Total/NA
Anthracene	11		8.1	0.94	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	30		8.1	0.76	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	42		8.1	0.78	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	56		8.1	0.71	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	16		8.1	0.82	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	49	J B	85	23	ug/Kg	1	☼	8270D	Total/NA
Chrysene	76		8.1	1.3	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	38	J B	85	18	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	54		8.1	0.67	ug/Kg	1	☼	8270D	Total/NA
Fluorene	6.8	J	8.1	0.64	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	6.5	J	8.1	0.99	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	65		8.1	0.88	ug/Kg	1	☼	8270D	Total/NA
Pyrene	72		8.1	0.53	ug/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10 - C28]	55		20	7.8	mg/Kg	1	☼	8015D	Total/NA
Silver	0.036	J	0.23	0.0016	mg/Kg	2	☼	6020A	Total/NA
Arsenic	3.8	B	1.1	0.029	mg/Kg	2	☼	6020A	Total/NA
Barium	82	F1 F2	1.1	0.25	mg/Kg	2	☼	6020A	Total/NA
Cadmium	0.46		0.23	0.0042	mg/Kg	2	☼	6020A	Total/NA
Chromium	20	B	0.45	0.068	mg/Kg	2	☼	6020A	Total/NA
Lead	10		0.23	0.051	mg/Kg	2	☼	6020A	Total/NA
Selenium	1.2	B	1.1	0.045	mg/Kg	2	☼	6020A	Total/NA

Client Sample ID: SB-12B — Lab Sample ID: 240-53332-24

No Detections.

Client Sample ID: TW-4 — Lab Sample ID: 240-53332-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	11		1.0	0.45	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.55	J	1.0	0.30	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.9		1.0	0.45	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.5		1.0	0.26	ug/L	1		8260C	Total/NA
Trichloroethene	9.0		1.0	0.22	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-4 (Continued) — Lab Sample ID: 240-53332-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methyl-2-propanol	9.4	J	50	4.9	ug/L	1		8260C	Total/NA
Gasoline Range Organics [C6 - C10]	26	J	100	25	ug/L	1		8015D	Total/NA
Diesel Range Organics [C10 - C28]	82	J	99	40	ug/L	1		8015D	Total/NA
Silver	0.044	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Arsenic	11	B	5.0	0.18	ug/L	1		6020A	Total Recoverable
Barium	150		5.0	1.1	ug/L	1		6020A	Total Recoverable
Cadmium	15		1.0	0.061	ug/L	1		6020A	Total Recoverable
Chromium	16	B	2.0	0.20	ug/L	1		6020A	Total Recoverable
Lead	4.5	B	1.0	0.11	ug/L	1		6020A	Total Recoverable
Selenium	7.5		5.0	0.25	ug/L	1		6020A	Total Recoverable

Client Sample ID: TW-7 — Lab Sample ID: 240-53332-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	1.1		1.0	0.45	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.45	J	1.0	0.30	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.91	J	1.0	0.45	ug/L	1		8260C	Total/NA
Acetone	1.8	J	10	0.94	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.49	J	1.0	0.26	ug/L	1		8260C	Total/NA
Cyclohexane	0.49	J	1.0	0.45	ug/L	1		8260C	Total/NA
Trichloroethene	0.86	J	1.0	0.22	ug/L	1		8260C	Total/NA
Gasoline Range Organics [C6 - C10]	31	J	100	25	ug/L	1		8015D	Total/NA
Diesel Range Organics [C10 - C28]	250		95	39	ug/L	1		8015D	Total/NA
Silver	0.087	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Arsenic	72	B	5.0	0.18	ug/L	1		6020A	Total Recoverable
Barium	250	F1	5.0	1.1	ug/L	1		6020A	Total Recoverable
Cadmium	23		1.0	0.061	ug/L	1		6020A	Total Recoverable
Chromium	140	B	2.0	0.20	ug/L	1		6020A	Total Recoverable
Lead	23	B	1.0	0.11	ug/L	1		6020A	Total Recoverable
Selenium	5.4		5.0	0.25	ug/L	1		6020A	Total Recoverable

Client Sample ID: TW-8 — Lab Sample ID: 240-53332-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	10		1.0	0.44	ug/L	1		8260C	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	37		1.0	0.45	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	5.3		1.0	0.30	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	18		1.0	0.45	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.42	J	1.0	0.26	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.26	J	1.0	0.20	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TW-8 (Continued) — Lab Sample ID: 240-53332-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.81	J	1.0	0.31	ug/L	1		8260C	Total/NA
Trichloroethene	7.0		1.0	0.22	ug/L	1		8260C	Total/NA
Gasoline Range Organics [C6 - C10]	57	J	100	25	ug/L	1		8015D	Total/NA
Diesel Range Organics [C10 - C28]	590		95	39	ug/L	1		8015D	Total/NA
Silver	0.038	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Arsenic	9.1	B	5.0	0.18	ug/L	1		6020A	Total Recoverable
Barium	160		5.0	1.1	ug/L	1		6020A	Total Recoverable
Cadmium	9.1		1.0	0.061	ug/L	1		6020A	Total Recoverable
Chromium	37	B	2.0	0.20	ug/L	1		6020A	Total Recoverable
Lead	7.1	B	1.0	0.11	ug/L	1		6020A	Total Recoverable
Selenium	1.5	J	5.0	0.25	ug/L	1		6020A	Total Recoverable

Client Sample ID: TW-8D — Lab Sample ID: 240-53332-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	8.9		1.3	0.55	ug/L	1.25		8260C	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	28		1.3	0.56	ug/L	1.25		8260C	Total/NA
1,1-Dichloroethane	4.8		1.3	0.38	ug/L	1.25		8260C	Total/NA
1,1-Dichloroethene	15		1.3	0.56	ug/L	1.25		8260C	Total/NA
cis-1,2-Dichloroethene	0.44	J	1.3	0.33	ug/L	1.25		8260C	Total/NA
Methyl tert-butyl ether	0.26	J	1.3	0.25	ug/L	1.25		8260C	Total/NA
Tetrachloroethene	0.70	J	1.3	0.39	ug/L	1.25		8260C	Total/NA
Trichloroethene	6.0		1.3	0.28	ug/L	1.25		8260C	Total/NA
Gasoline Range Organics [C6 - C10]	37	J	100	25	ug/L	1		8015D	Total/NA
Diesel Range Organics [C10 - C28]	61	J	97	40	ug/L	1		8015D	Total/NA
Silver	0.032	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Arsenic	9.5	B	5.0	0.18	ug/L	1		6020A	Total Recoverable
Barium	170		5.0	1.1	ug/L	1		6020A	Total Recoverable
Cadmium	9.2		1.0	0.061	ug/L	1		6020A	Total Recoverable
Chromium	40	B	2.0	0.20	ug/L	1		6020A	Total Recoverable
Lead	7.8	B	1.0	0.11	ug/L	1		6020A	Total Recoverable
Selenium	1.6	J	5.0	0.25	ug/L	1		6020A	Total Recoverable

Client Sample ID: TW-6 — Lab Sample ID: 240-53332-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0		1.0	0.45	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.91	J	1.0	0.30	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	2.1		1.0	0.45	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.67	J	1.0	0.26	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-6 (Continued) — Lab Sample ID: 240-53332-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.0		1.0	0.22	ug/L	1		8260C	Total/NA
Vinyl chloride	0.80	J	1.0	0.29	ug/L	1		8260C	Total/NA
Gasoline Range Organics [C6 - C10]	34	J	100	25	ug/L	1		8015D	Total/NA
Diesel Range Organics [C10 - C28]	100		95	39	ug/L	1		8015D	Total/NA
Silver	0.038	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Arsenic	5.0	B	5.0	0.18	ug/L	1		6020A	Total Recoverable
Barium	160		5.0	1.1	ug/L	1		6020A	Total Recoverable
Cadmium	8.3		1.0	0.061	ug/L	1		6020A	Total Recoverable
Chromium	7.8	B	2.0	0.20	ug/L	1		6020A	Total Recoverable
Lead	0.92	J B	1.0	0.11	ug/L	1		6020A	Total Recoverable
Selenium	0.55	J	5.0	0.25	ug/L	1		6020A	Total Recoverable

Client Sample ID: TW-1 — Lab Sample ID: 240-53332-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	1.1		1.0	0.45	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.30	J	1.0	0.30	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.73	J	1.0	0.45	ug/L	1		8260C	Total/NA
Chloroform	0.32	J	1.0	0.25	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	3.7		1.0	0.26	ug/L	1		8260C	Total/NA
Trichloroethene	9.7		1.0	0.22	ug/L	1		8260C	Total/NA
Gasoline Range Organics [C6 - C10]	40	J	100	25	ug/L	1		8015D	Total/NA
Diesel Range Organics [C10 - C28]	87	J	100	41	ug/L	1		8015D	Total/NA
Silver	0.036	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Arsenic	5.6	B	5.0	0.18	ug/L	1		6020A	Total Recoverable
Barium	150		5.0	1.1	ug/L	1		6020A	Total Recoverable
Cadmium	2.7		1.0	0.061	ug/L	1		6020A	Total Recoverable
Chromium	19	B	2.0	0.20	ug/L	1		6020A	Total Recoverable
Lead	5.0	B	1.0	0.11	ug/L	1		6020A	Total Recoverable
Selenium	5.0		5.0	0.25	ug/L	1		6020A	Total Recoverable
Mercury	0.13	J	0.20	0.090	ug/L	1		7470A	Total/NA

Client Sample ID: TW-12 — Lab Sample ID: 240-53332-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	110		10	4.4	ug/L	10		8260C	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	240		10	4.5	ug/L	10		8260C	Total/NA
1,1-Dichloroethane	3.2	J	10	3.0	ug/L	10		8260C	Total/NA
1,1-Dichloroethene	83		10	4.5	ug/L	10		8260C	Total/NA
Methyl tert-butyl ether	3.3	J	10	2.0	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TW-12 (Continued) — Lab Sample ID: 240-53332-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	4.0	J	10	3.1	ug/L	10		8260C	Total/NA
Toluene	7.6	J	10	2.3	ug/L	10		8260C	Total/NA
Trichloroethene	9.5	J	10	2.2	ug/L	10		8260C	Total/NA
Gasoline Range Organics [C6 - C10]	78	J	100	25	ug/L	1		8015D	Total/NA
Diesel Range Organics [C10 - C28]	92	J	95	39	ug/L	1		8015D	Total/NA
Silver	0.029	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Arsenic	7.6	B	5.0	0.18	ug/L	1		6020A	Total Recoverable
Barium	200		5.0	1.1	ug/L	1		6020A	Total Recoverable
Cadmium	1.6		1.0	0.061	ug/L	1		6020A	Total Recoverable
Chromium	41	B	2.0	0.20	ug/L	1		6020A	Total Recoverable
Lead	9.6	B	1.0	0.11	ug/L	1		6020A	Total Recoverable
Selenium	3.4	J	5.0	0.25	ug/L	1		6020A	Total Recoverable
Mercury	0.096	J	0.20	0.090	ug/L	1		7470A	Total/NA

Client Sample ID: EB-1GW — Lab Sample ID: 240-53332-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.97	J	10	0.94	ug/L	1		8260C	Total/NA
Arsenic	0.18	J B	5.0	0.18	ug/L	1		6020A	Total Recoverable
Chromium	1.5	J B	2.0	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: EB-1S — Lab Sample ID: 240-53332-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.76	J B	0.93	0.37	ug/L	1		8270D	Total/NA
Gasoline Range Organics [C6 - C10]	36	J	100	25	ug/L	1		8015D	Total/NA
Arsenic	0.21	J B	5.0	0.18	ug/L	1		6020A	Total Recoverable
Chromium	2.6	B	2.0	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: SB-10AS — Lab Sample ID: 240-53332-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	31		17	4.8	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.88	J	4.2	0.50	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	2.8	J	17	0.95	ug/Kg	1	☼	8260B	Total/NA
Toluene	1.0	J	4.2	0.23	ug/Kg	1	☼	8260B	Total/NA
Bis(2-ethylhexyl) phthalate	31	J B	80	22	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	35	J B	80	17	ug/Kg	1	☼	8270D	Total/NA
Pyrene	8.0		7.7	0.51	ug/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10 - C28]	29		20	7.5	mg/Kg	1	☼	8015D	Total/NA
Silver	0.030	J	0.20	0.0014	mg/Kg	2	☼	6020A	Total/NA
Arsenic	5.3	B	0.99	0.026	mg/Kg	2	☼	6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10AS (Continued) — Lab Sample ID: 240-53332-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	41		0.99	0.22	mg/Kg	2	☼	6020A	Total/NA
Cadmium	0.24		0.20	0.0037	mg/Kg	2	☼	6020A	Total/NA
Chromium	15	B	0.40	0.060	mg/Kg	2	☼	6020A	Total/NA
Lead	6.3		0.20	0.045	mg/Kg	2	☼	6020A	Total/NA
Selenium	1.1	B	0.99	0.040	mg/Kg	2	☼	6020A	Total/NA

Client Sample ID: TB-1 — Lab Sample ID: 240-53332-35

No Detections.

Client Sample ID: TB-2 — Lab Sample ID: 240-53332-36

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-1A

Date Collected: 07/15/15 16:45
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-1

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	14		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-1A

Date Collected: 07/15/15 16:45
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-1

Matrix: Solid
Percent Solids: 86.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	4.0	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,1,2,2-Tetrachloroethane	ND	H	4.0	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,1,2-Trichloroethane	ND	H	4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,1-Dichloroethane	ND	H	4.0	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,1-Dichloroethene	ND	H	4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,2,4-Trichlorobenzene	ND	H	4.0	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,2-Dibromo-3-Chloropropane	ND	H	8.1	2.2	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,2-Dichlorobenzene	ND	H	4.0	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,2-Dichloroethane	ND	H	4.0	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,2-Dichloropropane	ND	H	4.0	0.11	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,3-Dichlorobenzene	ND	H	4.0	0.56	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
1,4-Dichlorobenzene	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
2-Hexanone	ND	H	16	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Acetone	**19**	**H**	16	4.6	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Benzene	ND	H	4.0	0.73	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Bromoform	ND	H	4.0	0.19	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Bromomethane	ND	H	4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Carbon disulfide	ND	H	4.0	0.48	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Carbon tetrachloride	ND	H	4.0	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Chlorobenzene	ND	H	4.0	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Chloroethane	ND	H	4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Chloroform	ND	H	4.0	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Chloromethane	ND	H	4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
cis-1,2-Dichloroethene	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
cis-1,3-Dichloropropene	ND	H	4.0	0.57	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Cyclohexane	ND	H	8.1	0.39	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Dichlorobromomethane	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Dichlorodifluoromethane	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Ethylbenzene	ND	H	4.0	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Ethylene Dibromide	ND	H	4.0	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Isopropyl ether	ND	H	8.1	0.48	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Isopropylbenzene	ND	H	4.0	0.16	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Methyl acetate	ND	H	8.1	1.6	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
2-Butanone (MEK)	**1.8**	**J H**	16	0.90	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
4-Methyl-2-pentanone (MIBK)	ND	H	16	0.98	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Methyl tert-butyl ether	ND	H	4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Tert-amyl methyl ether	ND	H	4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Methylene Chloride	ND	H	4.0	0.60	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Styrene	ND	H	4.0	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Tert-butyl ethyl ether	ND	H	4.0	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Tetrachloroethene	ND	H	4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Toluene	**0.54**	**J H**	4.0	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
trans-1,2-Dichloroethene	ND	H	4.0	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
trans-1,3-Dichloropropene	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Trichloroethene	ND	H	4.0	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Trichlorofluoromethane	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Vinyl chloride	ND	H	4.0	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
2-Methyl-2-propanol	ND	H	160	4.6	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-1A

Date Collected: 07/15/15 16:45
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-1

Matrix: Solid
Percent Solids: 86.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND	H	8.1	0.44	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Methylcyclohexane	ND	H	8.1	0.47	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1
Chlorodibromomethane	ND	H	4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 123*	*07/17/15 16:46*	*07/21/15 16:25*	*1*
4-Bromofluorobenzene (Surr)	*95*		*52 - 136*	*07/17/15 16:46*	*07/21/15 16:25*	*1*
Toluene-d8 (Surr)	*97*		*67 - 125*	*07/17/15 16:46*	*07/21/15 16:25*	*1*
Dibromofluoromethane (Surr)	*100*		*37 - 132*	*07/17/15 16:46*	*07/21/15 16:25*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		58	4.1	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
bis (2-chloroisopropyl) ether	ND		120	11	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2,4,5-Trichlorophenol	ND		170	29	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2,4,6-Trichlorophenol	ND		170	10	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2,4-Dichlorophenol	ND		170	23	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2,4-Dimethylphenol	ND		170	23	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2,4-Dinitrophenol	ND		380	24	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2,4-Dinitrotoluene	ND		230	20	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2,6-Dinitrotoluene	ND		230	24	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2-Chloronaphthalene	ND		58	0.52	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2-Chlorophenol	ND		58	9.5	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2-Methylnaphthalene	ND		7.8	0.58	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2-Methylphenol	ND		230	13	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2-Nitroaniline	ND		230	11	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
2-Nitrophenol	ND		58	9.7	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
3,3'-Dichlorobenzidine	ND		120	21	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
3-Nitroaniline	ND		230	19	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
4,6-Dinitro-2-methylphenol	ND		170	11	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
4-Bromophenyl phenyl ether	ND		58	15	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
4-Chloro-3-methylphenol	ND		170	24	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
4-Chloroaniline	ND		170	20	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
4-Chlorophenyl phenyl ether	ND		58	15	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
4-Nitrophenol	ND		380	20	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Acenaphthene	ND		7.8	0.88	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Acenaphthylene	ND		7.8	0.41	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Acetophenone	ND		120	11	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Anthracene	ND		7.8	0.91	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Atrazine	ND		230	11	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Benzaldehyde	ND		120	14	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Benzo[a]anthracene	ND		7.8	0.73	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Benzo[a]pyrene	ND		7.8	0.74	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Benzo[b]fluoranthene	**5.7**	**J**	7.8	0.69	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Benzo[g,h,i]perylene	ND		7.8	0.41	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Benzo[k]fluoranthene	ND		7.8	0.79	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Bis(2-chloroethoxy)methane	ND		120	26	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Bis(2-chloroethyl)ether	ND		120	2.3	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Bis(2-ethylhexyl) phthalate	**32**	**J B**	81	22	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1

Client Sample ID: SB-1A
Date Collected: 07/15/15 16:45
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-1
Matrix: Solid
Percent Solids: 86.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		81	12	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Caprolactam	ND		380	43	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Carbazole	ND		58	31	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Chrysene	ND		7.8	1.3	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Dibenz(a,h)anthracene	ND		7.8	0.77	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Dibenzofuran	ND		58	0.77	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Diethyl phthalate	ND		81	19	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Dimethyl phthalate	ND		81	20	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Di-n-butyl phthalate	**42**	**J B**	81	17	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Di-n-octyl phthalate	ND		81	9.2	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Fluoranthene	**6.4**	**J**	7.8	0.64	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Fluorene	ND		7.8	0.62	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Hexachlorobenzene	ND		7.8	2.4	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Hexachlorobutadiene	ND		58	6.5	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Hexachlorocyclopentadiene	ND		380	9.4	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Hexachloroethane	ND		58	10	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Indeno[1,2,3-cd]pyrene	ND		7.8	0.41	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Isophorone	ND		58	15	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
N-Nitrosodi-n-propylamine	ND		58	7.3	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
N-Nitrosodiphenylamine	ND		58	24	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Naphthalene	ND		7.8	0.95	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Nitrobenzene	ND		120	2.6	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Pentachlorophenol	ND		170	11	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Phenanthrene	ND		7.8	0.85	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Phenol	ND		58	8.5	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
Pyrene	**6.3**	**J**	7.8	0.51	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1
3 & 4 Methylphenol	ND		470	23	ug/Kg	☼	07/21/15 07:48	07/25/15 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*87*		*36 - 110*	*07/21/15 07:48*	*07/25/15 17:52*	*1*
Phenol-d5 (Surr)	*82*		*26 - 110*	*07/21/15 07:48*	*07/25/15 17:52*	*1*
Nitrobenzene-d5 (Surr)	*76*		*20 - 110*	*07/21/15 07:48*	*07/25/15 17:52*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 110*	*07/21/15 07:48*	*07/25/15 17:52*	*1*
2-Fluorobiphenyl (Surr)	*71*		*24 - 110*	*07/21/15 07:48*	*07/25/15 17:52*	*1*
2,4,6-Tribromophenol (Surr)	*22*		*10 - 110*	*07/21/15 07:48*	*07/25/15 17:52*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	53	ug/Kg	☼	07/23/15 07:27	07/23/15 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*40 - 139*	*07/23/15 07:27*	*07/23/15 14:06*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**18**	**J**	19	7.4	mg/Kg	☼	07/21/15 07:26	07/24/15 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*40 - 160*	*07/21/15 07:26*	*07/24/15 01:45*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-1A

Date Collected: 07/15/15 16:45
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-1

Matrix: Solid
Percent Solids: 86.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		39	14	ug/Kg	☼	07/21/15 08:51	07/23/15 13:56	1
Aroclor-1221	ND		39	19	ug/Kg	☼	07/21/15 08:51	07/23/15 13:56	1
Aroclor-1232	ND		39	23	ug/Kg	☼	07/21/15 08:51	07/23/15 13:56	1
Aroclor-1242	ND		39	13	ug/Kg	☼	07/21/15 08:51	07/23/15 13:56	1
Aroclor-1248	ND		39	9.3	ug/Kg	☼	07/21/15 08:51	07/23/15 13:56	1
Aroclor-1254	ND		39	16	ug/Kg	☼	07/21/15 08:51	07/23/15 13:56	1
Aroclor-1260	ND		39	11	ug/Kg	☼	07/21/15 08:51	07/23/15 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*13 - 134*	*07/21/15 08:51*	*07/23/15 13:56*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 155*	*07/21/15 08:51*	*07/23/15 13:56*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.030**	**J**	0.21	0.0014	mg/Kg	☼	07/21/15 12:38	07/22/15 20:36	2
Arsenic	**2.5**	**B**	1.0	0.027	mg/Kg	☼	07/21/15 12:38	07/22/15 20:36	2
Barium	**60**		1.0	0.23	mg/Kg	☼	07/21/15 12:38	07/22/15 20:36	2
Cadmium	**0.15**	**J**	0.21	0.0038	mg/Kg	☼	07/21/15 12:38	07/22/15 20:36	2
Chromium	**12**	**B**	0.41	0.062	mg/Kg	☼	07/21/15 12:38	07/22/15 20:36	2
Lead	**4.1**		0.21	0.046	mg/Kg	☼	07/21/15 12:38	07/22/15 20:36	2
Selenium	**0.66**	**J B**	1.0	0.041	mg/Kg	☼	07/21/15 12:38	07/22/15 20:36	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.015	mg/Kg	☼	07/21/15 15:50	07/22/15 13:03	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-1B

Date Collected: 07/15/15 17:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-2

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	87		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	13		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-1B

Date Collected: 07/15/15 17:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-2

Matrix: Solid
Percent Solids: 87.1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	53	ug/Kg	☼	07/23/15 07:27	07/23/15 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*70*		*40 - 139*	*07/23/15 07:27*	*07/23/15 15:59*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		19	7.3	mg/Kg	☼	07/21/15 07:26	07/24/15 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*81*		*40 - 160*	*07/21/15 07:26*	*07/24/15 02:17*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-2A

Date Collected: 07/15/15 11:10
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-3

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	11		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-2A

Date Collected: 07/15/15 11:10
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-3

Matrix: Solid
Percent Solids: 88.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	3.7	0.48	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,1,2,2-Tetrachloroethane	ND	H	3.7	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	3.7	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,1,2-Trichloroethane	ND	H	3.7	0.28	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,1-Dichloroethane	ND	H	3.7	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,1-Dichloroethene	ND	H	3.7	0.60	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,2,4-Trichlorobenzene	ND	H	3.7	0.28	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,2-Dibromo-3-Chloropropane	ND	H	7.5	2.0	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,2-Dichlorobenzene	ND	H	3.7	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,2-Dichloroethane	ND	H	3.7	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,2-Dichloropropane	ND	H	3.7	0.10	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,3-Dichlorobenzene	ND	H	3.7	0.51	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
1,4-Dichlorobenzene	ND	H	3.7	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
2-Hexanone	ND	H	15	0.51	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Acetone	**7.6**	**J H**	15	4.3	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Benzene	ND	H	3.7	0.67	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Bromoform	ND	H	3.7	0.18	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Bromomethane	ND	H	3.7	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Carbon disulfide	ND	H	3.7	0.44	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Carbon tetrachloride	ND	H	3.7	0.48	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Chlorobenzene	ND	H	3.7	0.40	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Chloroethane	ND	H	3.7	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Chloroform	ND	H	3.7	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Chloromethane	ND	H	3.7	0.59	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
cis-1,2-Dichloroethene	ND	H	3.7	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
cis-1,3-Dichloropropene	ND	H	3.7	0.53	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Cyclohexane	ND	H	7.5	0.36	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Dichlorobromomethane	ND	H	3.7	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Dichlorodifluoromethane	ND	H	3.7	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Ethylbenzene	ND	H	3.7	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Ethylene Dibromide	ND	H	3.7	0.40	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Isopropyl ether	ND	H	7.5	0.44	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Isopropylbenzene	ND	H	3.7	0.15	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Methyl acetate	ND	H	7.5	1.5	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
2-Butanone (MEK)	ND	H	15	0.84	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
4-Methyl-2-pentanone (MIBK)	ND	H	15	0.91	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Methyl tert-butyl ether	ND	H	3.7	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Tert-amyl methyl ether	ND	H	3.7	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Methylene Chloride	ND	H	3.7	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Styrene	ND	H	3.7	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Tert-butyl ethyl ether	ND	H	3.7	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Tetrachloroethene	ND	H	3.7	0.60	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Toluene	**0.40**	**J H**	3.7	0.20	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
trans-1,2-Dichloroethene	ND	H	3.7	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
trans-1,3-Dichloropropene	ND	H	3.7	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Trichloroethene	ND	H	3.7	0.28	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Trichlorofluoromethane	ND	H	3.7	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Vinyl chloride	ND	H	3.7	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
2-Methyl-2-propanol	ND	H	150	4.3	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-2A

Date Collected: 07/15/15 11:10
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-3

Matrix: Solid
Percent Solids: 88.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND	H	7.5	0.40	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Methylcyclohexane	ND	H	7.5	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1
Chlorodibromomethane	ND	H	3.7	0.28	ug/Kg	☼	07/17/15 16:46	07/21/15 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*58 - 123*	*07/17/15 16:46*	*07/21/15 16:51*	*1*
4-Bromofluorobenzene (Surr)	*93*		*52 - 136*	*07/17/15 16:46*	*07/21/15 16:51*	*1*
Toluene-d8 (Surr)	*95*		*67 - 125*	*07/17/15 16:46*	*07/21/15 16:51*	*1*
Dibromofluoromethane (Surr)	*96*		*37 - 132*	*07/17/15 16:46*	*07/21/15 16:51*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		56	3.9	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
bis (2-chloroisopropyl) ether	ND		110	11	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2,4,5-Trichlorophenol	ND		170	28	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2,4,6-Trichlorophenol	ND		170	10	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2,4-Dichlorophenol	ND		170	22	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2,4-Dimethylphenol	ND		170	22	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2,4-Dinitrophenol	ND		370	24	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2,4-Dinitrotoluene	ND		220	19	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2,6-Dinitrotoluene	ND		220	24	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2-Chloronaphthalene	ND		56	0.51	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2-Chlorophenol	ND		56	9.2	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2-Methylnaphthalene	ND		7.5	0.56	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2-Methylphenol	ND		220	12	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2-Nitroaniline	ND		220	10	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
2-Nitrophenol	ND		56	9.3	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
3,3'-Dichlorobenzidine	ND		110	20	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
3-Nitroaniline	ND		220	18	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
4,6-Dinitro-2-methylphenol	ND		170	10	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
4-Bromophenyl phenyl ether	ND		56	15	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
4-Chloro-3-methylphenol	ND		170	24	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
4-Chlorophenyl phenyl ether	ND		56	15	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
4-Nitrophenol	ND		370	19	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Acenaphthene	ND		7.5	0.85	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Acenaphthylene	ND		7.5	0.39	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Acetophenone	ND		110	10	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Anthracene	ND		7.5	0.88	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Atrazine	ND		220	10	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Benzaldehyde	ND		110	13	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Benzo[a]anthracene	ND		7.5	0.71	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Benzo[a]pyrene	ND		7.5	0.72	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Benzo[b]fluoranthene	ND		7.5	0.66	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Benzo[g,h,i]perylene	ND		7.5	0.39	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Benzo[k]fluoranthene	ND		7.5	0.76	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Bis(2-chloroethoxy)methane	ND		110	25	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Bis(2-chloroethyl)ether	ND		110	2.2	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Bis(2-ethylhexyl) phthalate	**24**	**J B**	79	21	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1

Client Sample ID: SB-2A

Date Collected: 07/15/15 11:10
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-3

Matrix: Solid
Percent Solids: 88.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		79	11	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Caprolactam	ND		370	42	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Carbazole	ND		56	30	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Chrysene	ND		7.5	1.2	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Dibenz(a,h)anthracene	ND		7.5	0.74	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Dibenzofuran	ND		56	0.74	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Diethyl phthalate	ND		79	18	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Dimethyl phthalate	ND		79	19	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Di-n-butyl phthalate	**32**	**J B**	79	17	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Di-n-octyl phthalate	ND		79	8.9	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Fluoranthene	**4.9**	**J**	7.5	0.62	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Fluorene	ND		7.5	0.60	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Hexachlorobenzene	ND		7.5	2.4	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Hexachlorobutadiene	ND		56	6.3	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Hexachlorocyclopentadiene	ND		370	9.1	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Hexachloroethane	ND		56	10	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Indeno[1,2,3-cd]pyrene	ND		7.5	0.39	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Isophorone	ND		56	15	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
N-Nitrosodi-n-propylamine	ND		56	7.1	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
N-Nitrosodiphenylamine	ND		56	24	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Naphthalene	ND		7.5	0.92	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Nitrobenzene	ND		110	2.5	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Pentachlorophenol	ND		170	10	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Phenanthrene	ND		7.5	0.82	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Phenol	ND		56	8.2	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
Pyrene	**6.7**	**J**	7.5	0.49	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1
3 & 4 Methylphenol	ND		450	22	ug/Kg	☼	07/21/15 07:48	07/25/15 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*93*		*36 - 110*	*07/21/15 07:48*	*07/25/15 17:28*	*1*
Phenol-d5 (Surr)	*78*		*26 - 110*	*07/21/15 07:48*	*07/25/15 17:28*	*1*
Nitrobenzene-d5 (Surr)	*81*		*20 - 110*	*07/21/15 07:48*	*07/25/15 17:28*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 110*	*07/21/15 07:48*	*07/25/15 17:28*	*1*
2-Fluorobiphenyl (Surr)	*65*		*24 - 110*	*07/21/15 07:48*	*07/25/15 17:28*	*1*
2,4,6-Tribromophenol (Surr)	*26*		*10 - 110*	*07/21/15 07:48*	*07/25/15 17:28*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	52	ug/Kg	☼	07/23/15 07:27	07/23/15 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*69*		*40 - 139*	*07/23/15 07:27*	*07/23/15 16:35*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		19	7.1	mg/Kg	☼	07/21/15 07:26	07/24/15 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*65*		*40 - 160*	*07/21/15 07:26*	*07/24/15 14:55*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-2A

Date Collected: 07/15/15 11:10
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-3

Matrix: Solid
Percent Solids: 88.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		37	13	ug/Kg	☼	07/21/15 08:51	07/23/15 14:13	1
Aroclor-1221	ND		37	18	ug/Kg	☼	07/21/15 08:51	07/23/15 14:13	1
Aroclor-1232	ND		37	22	ug/Kg	☼	07/21/15 08:51	07/23/15 14:13	1
Aroclor-1242	ND		37	12	ug/Kg	☼	07/21/15 08:51	07/23/15 14:13	1
Aroclor-1248	ND		37	8.9	ug/Kg	☼	07/21/15 08:51	07/23/15 14:13	1
Aroclor-1254	ND		37	16	ug/Kg	☼	07/21/15 08:51	07/23/15 14:13	1
Aroclor-1260	ND		37	10	ug/Kg	☼	07/21/15 08:51	07/23/15 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*13 - 134*	*07/21/15 08:51*	*07/23/15 14:13*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 155*	*07/21/15 08:51*	*07/23/15 14:13*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.025**	**J**	0.19	0.0014	mg/Kg	☼	07/21/15 12:38	07/22/15 20:39	2
Arsenic	**3.5**	**B**	0.97	0.025	mg/Kg	☼	07/21/15 12:38	07/22/15 20:39	2
Barium	**31**		0.97	0.21	mg/Kg	☼	07/21/15 12:38	07/22/15 20:39	2
Cadmium	**0.16**	**J**	0.19	0.0036	mg/Kg	☼	07/21/15 12:38	07/22/15 20:39	2
Chromium	**11**	**B**	0.39	0.058	mg/Kg	☼	07/21/15 12:38	07/22/15 20:39	2
Lead	**6.7**		0.19	0.044	mg/Kg	☼	07/21/15 12:38	07/22/15 20:39	2
Selenium	**2.2**	**B**	0.97	0.039	mg/Kg	☼	07/21/15 12:38	07/22/15 20:39	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.025**	**J**	0.11	0.015	mg/Kg	☼	07/21/15 15:50	07/22/15 13:05	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-2B

Date Collected: 07/16/15 08:45
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-4

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	6.5		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-2B

Date Collected: 07/16/15 08:45
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-4

Matrix: Solid
Percent Solids: 93.5

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	50	ug/Kg	☼	07/27/15 05:12	07/27/15 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*67*		*40 - 139*	*07/27/15 05:12*	*07/27/15 11:29*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		18	6.9	mg/Kg	☼	07/21/15 07:26	07/24/15 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*68*		*40 - 160*	*07/21/15 07:26*	*07/24/15 15:27*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-3A

Date Collected: 07/15/15 10:40
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-5

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	12		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-3A

Date Collected: 07/15/15 10:40
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-5

Matrix: Solid
Percent Solids: 88.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	4.0	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,1,2,2-Tetrachloroethane	ND	H	4.0	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	4.0	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,1,2-Trichloroethane	ND	H	4.0	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,1-Dichloroethane	ND	H	4.0	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,1-Dichloroethene	ND	H	4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,2,4-Trichlorobenzene	ND	H	4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,2-Dibromo-3-Chloropropane	ND	H	7.9	2.2	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,2-Dichlorobenzene	ND	H	4.0	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,2-Dichloroethane	ND	H	4.0	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,2-Dichloropropane	ND	H	4.0	0.11	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,3-Dichlorobenzene	ND	H	4.0	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
1,4-Dichlorobenzene	ND	H	4.0	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
2-Hexanone	ND	H	16	0.54	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Acetone	**25**	**H**	16	4.5	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Benzene	ND	H	4.0	0.72	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Bromoform	ND	H	4.0	0.19	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Bromomethane	ND	H	4.0	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Carbon disulfide	ND	H	4.0	0.47	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Carbon tetrachloride	ND	H	4.0	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Chlorobenzene	ND	H	4.0	0.42	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Chloroethane	ND	H	4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Chloroform	ND	H	4.0	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Chloromethane	ND	H	4.0	0.63	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
cis-1,2-Dichloroethene	ND	H	4.0	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
cis-1,3-Dichloropropene	ND	H	4.0	0.56	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Cyclohexane	ND	H	7.9	0.38	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Dichlorobromomethane	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Dichlorodifluoromethane	ND	H	4.0	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Ethylbenzene	ND	H	4.0	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Ethylene Dibromide	ND	H	4.0	0.42	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Isopropyl ether	ND	H	7.9	0.47	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Isopropylbenzene	ND	H	4.0	0.16	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Methyl acetate	ND	H	7.9	1.6	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
2-Butanone (MEK)	**1.7**	**J H**	16	0.89	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
4-Methyl-2-pentanone (MIBK)	ND	H	16	0.97	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Methyl tert-butyl ether	ND	H	4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Tert-amyl methyl ether	ND	H	4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Methylene Chloride	ND	H	4.0	0.59	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Styrene	ND	H	4.0	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Tert-butyl ethyl ether	ND	H	4.0	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Tetrachloroethene	ND	H	4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Toluene	**1.1**	**J H**	4.0	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
trans-1,2-Dichloroethene	ND	H	4.0	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
trans-1,3-Dichloropropene	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Trichloroethene	ND	H	4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Trichlorofluoromethane	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Vinyl chloride	ND	H	4.0	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
2-Methyl-2-propanol	ND	H	160	4.5	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-3A

Date Collected: 07/15/15 10:40
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-5

Matrix: Solid
Percent Solids: 88.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND	H	7.9	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Methylcyclohexane	ND	H	7.9	0.46	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1
Chlorodibromomethane	ND	H	4.0	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 123*	*07/17/15 16:46*	*07/21/15 17:17*	*1*
4-Bromofluorobenzene (Surr)	*92*		*52 - 136*	*07/17/15 16:46*	*07/21/15 17:17*	*1*
Toluene-d8 (Surr)	*97*		*67 - 125*	*07/17/15 16:46*	*07/21/15 17:17*	*1*
Dibromofluoromethane (Surr)	*99*		*37 - 132*	*07/17/15 16:46*	*07/21/15 17:17*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	52	ug/Kg	☼	07/23/15 07:27	07/23/15 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*68*		*40 - 139*	*07/23/15 07:27*	*07/23/15 17:50*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		19	7.2	mg/Kg	☼	07/21/15 07:26	07/24/15 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*71*		*40 - 160*	*07/21/15 07:26*	*07/24/15 15:58*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-3B

Date Collected: 07/16/15 09:35
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-6

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	87		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	13		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-3B

Date Collected: 07/16/15 09:35
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-6

Matrix: Solid
Percent Solids: 86.7

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	53	ug/Kg	☼	07/23/15 07:27	07/23/15 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*67*		*40 - 139*	*07/23/15 07:27*	*07/23/15 18:28*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		19	7.3	mg/Kg	☼	07/21/15 07:26	07/24/15 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*70*		*40 - 160*	*07/21/15 07:26*	*07/24/15 16:30*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-4A

Date Collected: 07/15/15 08:30
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-7

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	90		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	9.5		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-4A

Date Collected: 07/15/15 08:30
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-7

Matrix: Solid
Percent Solids: 90.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	3.9	0.51	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,1,2,2-Tetrachloroethane	ND	H	3.9	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	3.9	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,1,2-Trichloroethane	ND	H	3.9	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,1-Dichloroethane	ND	H	3.9	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,1-Dichloroethene	ND	H	3.9	0.63	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,2,4-Trichlorobenzene	ND	H	3.9	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,2-Dibromo-3-Chloropropane	ND	H	7.9	2.1	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,2-Dichlorobenzene	ND	H	3.9	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,2-Dichloroethane	ND	H	3.9	0.36	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,2-Dichloropropane	ND	H	3.9	0.11	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,3-Dichlorobenzene	ND	H	3.9	0.54	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
1,4-Dichlorobenzene	ND	H	3.9	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
2-Hexanone	ND	H	16	0.53	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Acetone	**8.9**	**J H**	16	4.5	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Benzene	ND	H	3.9	0.71	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Bromoform	ND	H	3.9	0.19	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Bromomethane	ND	H	3.9	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Carbon disulfide	ND	H	3.9	0.46	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Carbon tetrachloride	ND	H	3.9	0.51	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Chlorobenzene	ND	H	3.9	0.42	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Chloroethane	ND	H	3.9	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Chloroform	ND	H	3.9	0.28	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Chloromethane	ND	H	3.9	0.62	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
cis-1,2-Dichloroethene	ND	H	3.9	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
cis-1,3-Dichloropropene	ND	H	3.9	0.56	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Cyclohexane	ND	H	7.9	0.38	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Dichlorobromomethane	ND	H	3.9	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Dichlorodifluoromethane	ND	H	3.9	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Ethylbenzene	ND	H	3.9	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Ethylene Dibromide	ND	H	3.9	0.42	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Isopropyl ether	ND	H	7.9	0.46	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Isopropylbenzene	ND	H	3.9	0.16	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Methyl acetate	ND	H	7.9	1.6	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
2-Butanone (MEK)	**1.7**	**J H**	16	0.88	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
4-Methyl-2-pentanone (MIBK)	ND	H	16	0.96	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Methyl tert-butyl ether	ND	H	3.9	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Tert-amyl methyl ether	ND	H	3.9	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Methylene Chloride	ND	H	3.9	0.58	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Styrene	ND	H	3.9	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Tert-butyl ethyl ether	ND	H	3.9	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Tetrachloroethene	ND	H	3.9	0.63	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Toluene	ND	H	3.9	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
trans-1,2-Dichloroethene	ND	H	3.9	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
trans-1,3-Dichloropropene	ND	H	3.9	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Trichloroethene	ND	H	3.9	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Trichlorofluoromethane	ND	H	3.9	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Vinyl chloride	ND	H	3.9	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
2-Methyl-2-propanol	**11**	**J H**	160	4.5	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-4A

Date Collected: 07/15/15 08:30
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-7

Matrix: Solid
Percent Solids: 90.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND	H	7.9	0.42	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Methylcyclohexane	ND	H	7.9	0.46	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1
Chlorodibromomethane	ND	H	3.9	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 123*	*07/17/15 16:46*	*07/21/15 17:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*52 - 136*	*07/17/15 16:46*	*07/21/15 17:43*	*1*
Toluene-d8 (Surr)	*100*		*67 - 125*	*07/17/15 16:46*	*07/21/15 17:43*	*1*
Dibromofluoromethane (Surr)	*103*		*37 - 132*	*07/17/15 16:46*	*07/21/15 17:43*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	51	ug/Kg	☼	07/23/15 07:27	07/23/15 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*40 - 139*	*07/23/15 07:27*	*07/23/15 19:43*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		18	7.1	mg/Kg	☼	07/21/15 07:26	07/24/15 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*69*		*40 - 160*	*07/21/15 07:26*	*07/24/15 17:02*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-4B

Date Collected: 07/15/15 11:30
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-8

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	8.4		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-4B

Date Collected: 07/15/15 11:30
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-8

Matrix: Solid
Percent Solids: 91.6

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	50	ug/Kg	☼	07/23/15 07:27	07/23/15 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*65*		*40 - 139*	*07/23/15 07:27*	*07/23/15 20:21*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		18	6.9	mg/Kg	☼	07/22/15 08:50	07/25/15 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*68*		*40 - 160*	*07/22/15 08:50*	*07/25/15 01:59*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-5A

Date Collected: 07/15/15 11:20
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-9

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	83		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	17		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-5A

Date Collected: 07/15/15 11:20
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-9

Matrix: Solid
Percent Solids: 82.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	4.3	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,1,2,2-Tetrachloroethane	ND	H	4.3	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	4.3	0.36	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,1,2-Trichloroethane	ND	H	4.3	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,1-Dichloroethane	ND	H	4.3	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,1-Dichloroethene	ND	H	4.3	0.68	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,2,4-Trichlorobenzene	ND	H	4.3	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,2-Dibromo-3-Chloropropane	ND	H	8.5	2.3	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,2-Dichlorobenzene	ND	H	4.3	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,2-Dichloroethane	ND	H	4.3	0.39	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,2-Dichloropropane	ND	H	4.3	0.12	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,3-Dichlorobenzene	ND	H	4.3	0.59	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
1,4-Dichlorobenzene	ND	H	4.3	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
2-Hexanone	ND	H	17	0.58	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Acetone	ND	H	17	4.9	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Benzene	ND	H	4.3	0.77	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Bromoform	ND	H	4.3	0.20	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Bromomethane	ND	H	4.3	0.36	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Carbon disulfide	ND	H	4.3	0.50	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Carbon tetrachloride	ND	H	4.3	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Chlorobenzene	ND	H	4.3	0.45	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Chloroethane	ND	H	4.3	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Chloroform	ND	H	4.3	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Chloromethane	ND	H	4.3	0.67	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
cis-1,2-Dichloroethene	ND	H	4.3	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
cis-1,3-Dichloropropene	ND	H	4.3	0.61	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Cyclohexane	ND	H	8.5	0.41	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Dichlorobromomethane	ND	H	4.3	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Dichlorodifluoromethane	ND	H	4.3	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Ethylbenzene	ND	H	4.3	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Ethylene Dibromide	ND	H	4.3	0.45	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Isopropyl ether	ND	H	8.5	0.50	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Isopropylbenzene	ND	H	4.3	0.17	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Methyl acetate	ND	H	8.5	1.7	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
2-Butanone (MEK)	ND	H	17	0.95	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
4-Methyl-2-pentanone (MIBK)	ND	H	17	1.0	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Methyl tert-butyl ether	ND	H	4.3	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Tert-amyl methyl ether	ND	H	4.3	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Methylene Chloride	ND	H	4.3	0.63	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Styrene	ND	H	4.3	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Tert-butyl ethyl ether	ND	H	4.3	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Tetrachloroethene	ND	H	4.3	0.68	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Toluene	ND	H	4.3	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
trans-1,2-Dichloroethene	ND	H	4.3	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
trans-1,3-Dichloropropene	ND	H	4.3	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Trichloroethene	ND	H	4.3	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Trichlorofluoromethane	ND	H	4.3	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Vinyl chloride	ND	H	4.3	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
2-Methyl-2-propanol	ND	H	170	4.9	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-5A

Date Collected: 07/15/15 11:20
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-9

Matrix: Solid
Percent Solids: 82.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND	H	8.5	0.46	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Methylcyclohexane	ND	H	8.5	0.49	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1
Chlorodibromomethane	ND	H	4.3	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 123*	*07/17/15 16:46*	*07/21/15 18:09*	*1*
4-Bromofluorobenzene (Surr)	*90*		*52 - 136*	*07/17/15 16:46*	*07/21/15 18:09*	*1*
Toluene-d8 (Surr)	*98*		*67 - 125*	*07/17/15 16:46*	*07/21/15 18:09*	*1*
Dibromofluoromethane (Surr)	*96*		*37 - 132*	*07/17/15 16:46*	*07/21/15 18:09*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	56	ug/Kg	☼	07/23/15 07:27	07/23/15 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*64*		*40 - 139*	*07/23/15 07:27*	*07/23/15 20:57*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**16**	**J**	20	7.8	mg/Kg	☼	07/21/15 07:03	07/25/15 00:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*76*		*40 - 160*	*07/21/15 07:03*	*07/25/15 00:24*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-5B

Lab Sample ID: 240-53332-10

Date Collected: 07/16/15 13:25
Date Received: 07/17/15 10:45

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	84		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	16		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-5B

Date Collected: 07/16/15 13:25
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-10

Matrix: Solid
Percent Solids: 83.5

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	55	ug/Kg	☼	07/23/15 07:27	07/23/15 21:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*70*		*40 - 139*	*07/23/15 07:27*	*07/23/15 21:35*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**24**		20	7.7	mg/Kg	☼	07/21/15 07:03	07/25/15 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*72*		*40 - 160*	*07/21/15 07:03*	*07/25/15 00:56*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-6A

Lab Sample ID: 240-53332-11

Date Collected: 07/15/15 10:20
Date Received: 07/17/15 10:45

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	85		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	15		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-6A

Date Collected: 07/15/15 10:20
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-11

Matrix: Solid
Percent Solids: 85.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	4.0	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,1,2,2-Tetrachloroethane	ND	H	4.0	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,1,2-Trichloroethane	ND	H	4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,1-Dichloroethane	ND	H	4.0	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,1-Dichloroethene	ND	H	4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,2,4-Trichlorobenzene	ND	H	4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,2-Dibromo-3-Chloropropane	ND	H	8.0	2.2	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,2-Dichlorobenzene	ND	H	4.0	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,2-Dichloroethane	ND	H	4.0	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,2-Dichloropropane	ND	H	4.0	0.11	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,3-Dichlorobenzene	ND	H	4.0	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
1,4-Dichlorobenzene	ND	H	4.0	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
2-Hexanone	ND	H	16	0.54	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Acetone	**11**	**J H**	16	4.6	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Benzene	ND	H	4.0	0.72	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Bromoform	ND	H	4.0	0.19	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Bromomethane	ND	H	4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Carbon disulfide	ND	H	4.0	0.47	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Carbon tetrachloride	ND	H	4.0	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Chlorobenzene	ND	H	4.0	0.42	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Chloroethane	ND	H	4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Chloroform	ND	H	4.0	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Chloromethane	ND	H	4.0	0.63	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
cis-1,2-Dichloroethene	ND	H	4.0	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
cis-1,3-Dichloropropene	ND	H	4.0	0.57	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Cyclohexane	ND	H	8.0	0.38	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Dichlorobromomethane	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Dichlorodifluoromethane	ND	H	4.0	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Ethylbenzene	ND	H	4.0	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Ethylene Dibromide	ND	H	4.0	0.42	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Isopropyl ether	ND	H	8.0	0.47	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Isopropylbenzene	ND	H	4.0	0.16	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Methyl acetate	ND	H	8.0	1.6	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
2-Butanone (MEK)	**1.2**	**J H**	16	0.90	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
4-Methyl-2-pentanone (MIBK)	ND	H	16	0.98	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Methyl tert-butyl ether	ND	H	4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Tert-amyl methyl ether	ND	H	4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Methylene Chloride	ND	H	4.0	0.59	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Styrene	ND	H	4.0	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Tert-butyl ethyl ether	ND	H	4.0	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Tetrachloroethene	ND	H	4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Toluene	**0.88**	**J H**	4.0	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
trans-1,2-Dichloroethene	ND	H	4.0	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
trans-1,3-Dichloropropene	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Trichloroethene	ND	H	4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Trichlorofluoromethane	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Vinyl chloride	ND	H	4.0	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
2-Methyl-2-propanol	ND	H	160	4.6	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-6A

Date Collected: 07/15/15 10:20
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-11

Matrix: Solid
Percent Solids: 85.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND	H	8.0	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Methylcyclohexane	ND	H	8.0	0.46	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1
Chlorodibromomethane	ND	H	4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 123*	*07/17/15 16:46*	*07/21/15 18:35*	*1*
4-Bromofluorobenzene (Surr)	*91*		*52 - 136*	*07/17/15 16:46*	*07/21/15 18:35*	*1*
Toluene-d8 (Surr)	*96*		*67 - 125*	*07/17/15 16:46*	*07/21/15 18:35*	*1*
Dibromofluoromethane (Surr)	*98*		*37 - 132*	*07/17/15 16:46*	*07/21/15 18:35*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		58	4.1	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
bis (2-chloroisopropyl) ether	ND		120	11	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2,4,5-Trichlorophenol	ND		170	29	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2,4,6-Trichlorophenol	ND		170	10	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2,4-Dichlorophenol	ND		170	23	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2,4-Dimethylphenol	ND		170	23	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2,4-Dinitrophenol	ND		380	24	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2,4-Dinitrotoluene	ND		230	20	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2,6-Dinitrotoluene	ND		230	24	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2-Chloronaphthalene	ND		58	0.52	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2-Chlorophenol	ND		58	9.5	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2-Methylnaphthalene	ND		7.7	0.58	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2-Methylphenol	ND		230	13	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2-Nitroaniline	ND		230	11	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
2-Nitrophenol	ND		58	9.6	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
3,3'-Dichlorobenzidine	ND		120	21	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
3-Nitroaniline	ND		230	19	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
4,6-Dinitro-2-methylphenol	ND		170	11	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
4-Bromophenyl phenyl ether	ND		58	15	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
4-Chloro-3-methylphenol	ND		170	24	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
4-Chloroaniline	ND		170	20	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
4-Chlorophenyl phenyl ether	ND		58	15	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
4-Nitrophenol	ND		380	20	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Acenaphthene	ND		7.7	0.88	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Acenaphthylene	ND		7.7	0.41	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Acetophenone	ND		120	11	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Anthracene	ND		7.7	0.91	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Atrazine	ND		230	11	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Benzaldehyde	ND		120	14	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Benzo[a]anthracene	ND		7.7	0.73	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Benzo[a]pyrene	ND		7.7	0.74	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Benzo[b]fluoranthene	ND		7.7	0.68	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Benzo[g,h,i]perylene	ND		7.7	0.41	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Benzo[k]fluoranthene	ND		7.7	0.79	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Bis(2-chloroethoxy)methane	ND		120	26	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Bis(2-chloroethyl)ether	ND		120	2.3	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Bis(2-ethylhexyl) phthalate	**36**	**J B**	81	22	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1

Client Sample ID: SB-6A
Date Collected: 07/15/15 10:20
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-11
Matrix: Solid
Percent Solids: 85.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		81	12	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Caprolactam	ND		380	43	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Carbazole	ND		58	31	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Chrysene	ND		7.7	1.3	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Dibenz(a,h)anthracene	ND		7.7	0.77	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Dibenzofuran	ND		58	0.77	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Diethyl phthalate	ND		81	19	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Dimethyl phthalate	ND		81	20	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Di-n-butyl phthalate	**33**	**J B**	81	17	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Di-n-octyl phthalate	ND		81	9.2	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Fluoranthene	ND		7.7	0.64	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Fluorene	ND		7.7	0.62	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Hexachlorobenzene	ND		7.7	2.4	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Hexachlorobutadiene	ND		58	6.5	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Hexachlorocyclopentadiene	ND		380	9.4	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Hexachloroethane	ND		58	10	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Indeno[1,2,3-cd]pyrene	ND		7.7	0.41	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Isophorone	ND		58	15	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
N-Nitrosodi-n-propylamine	ND		58	7.3	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
N-Nitrosodiphenylamine	ND		58	24	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Naphthalene	ND		7.7	0.95	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Nitrobenzene	ND		120	2.6	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Pentachlorophenol	ND		170	11	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Phenanthrene	ND		7.7	0.85	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Phenol	ND		58	8.5	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
Pyrene	**6.3**	**J**	7.7	0.51	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1
3 & 4 Methylphenol	ND		460	23	ug/Kg	☼	07/21/15 07:48	07/25/15 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*94*		*36 - 110*	*07/21/15 07:48*	*07/25/15 19:51*	*1*
Phenol-d5 (Surr)	*79*		*26 - 110*	*07/21/15 07:48*	*07/25/15 19:51*	*1*
Nitrobenzene-d5 (Surr)	*74*		*20 - 110*	*07/21/15 07:48*	*07/25/15 19:51*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 110*	*07/21/15 07:48*	*07/25/15 19:51*	*1*
2-Fluorobiphenyl (Surr)	*69*		*24 - 110*	*07/21/15 07:48*	*07/25/15 19:51*	*1*
2,4,6-Tribromophenol (Surr)	*22*		*10 - 110*	*07/21/15 07:48*	*07/25/15 19:51*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	54	ug/Kg	☼	07/23/15 07:27	07/23/15 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*71*		*40 - 139*	*07/23/15 07:27*	*07/23/15 22:14*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**24**		20	7.5	mg/Kg	☼	07/21/15 07:03	07/25/15 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*74*		*40 - 160*	*07/21/15 07:03*	*07/25/15 01:28*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-6B

Lab Sample ID: 240-53332-12

Date Collected: 07/15/15 15:15
Date Received: 07/17/15 10:45

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	14		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-6B

Date Collected: 07/15/15 15:15
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-12

Matrix: Solid
Percent Solids: 85.7

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	53	ug/Kg	☼	07/23/15 07:27	07/23/15 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*40 - 139*	*07/23/15 07:27*	*07/23/15 22:50*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		19	7.5	mg/Kg	☼	07/21/15 07:26	07/23/15 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*59*		*40 - 160*	*07/21/15 07:26*	*07/23/15 17:19*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-7A

Date Collected: 07/15/15 09:55
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-13

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	6.6		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-7A

Date Collected: 07/15/15 09:55
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-13

Matrix: Solid
Percent Solids: 93.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	3.6	0.47	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,1,2,2-Tetrachloroethane	ND	H	3.6	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	3.6	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,1,2-Trichloroethane	ND	H	3.6	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,1-Dichloroethane	ND	H	3.6	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,1-Dichloroethene	ND	H	3.6	0.58	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,2,4-Trichlorobenzene	ND	H	3.6	0.28	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,2-Dibromo-3-Chloropropane	ND	H	7.2	2.0	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,2-Dichlorobenzene	ND	H	3.6	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,2-Dichloroethane	ND	H	3.6	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,2-Dichloropropane	ND	H	3.6	0.10	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,3-Dichlorobenzene	ND	H	3.6	0.50	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
1,4-Dichlorobenzene	ND	H	3.6	0.20	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
2-Hexanone	ND	H	14	0.49	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Acetone	ND	H	14	4.1	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Benzene	ND	H	3.6	0.65	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Bromoform	ND	H	3.6	0.17	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Bromomethane	ND	H	3.6	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Carbon disulfide	ND	H	3.6	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Carbon tetrachloride	ND	H	3.6	0.47	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Chlorobenzene	ND	H	3.6	0.38	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Chloroethane	ND	H	3.6	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Chloroform	ND	H	3.6	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Chloromethane	ND	H	3.6	0.57	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
cis-1,2-Dichloroethene	ND	H	3.6	0.20	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
cis-1,3-Dichloropropene	ND	H	3.6	0.51	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Cyclohexane	ND	H	7.2	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Dichlorobromomethane	ND	H	3.6	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Dichlorodifluoromethane	ND	H	3.6	0.20	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Ethylbenzene	**0.31**	**J H**	3.6	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Ethylene Dibromide	ND	H	3.6	0.38	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Isopropyl ether	ND	H	7.2	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Isopropylbenzene	ND	H	3.6	0.14	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Methyl acetate	ND	H	7.2	1.5	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
2-Butanone (MEK)	**1.4**	**J H**	14	0.81	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
4-Methyl-2-pentanone (MIBK)	ND	H	14	0.88	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Methyl tert-butyl ether	ND	H	3.6	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Tert-amyl methyl ether	ND	H	3.6	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Methylene Chloride	ND	H	3.6	0.54	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Styrene	ND	H	3.6	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Tert-butyl ethyl ether	ND	H	3.6	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Tetrachloroethene	ND	H	3.6	0.58	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Toluene	**5.0**	**H**	3.6	0.20	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
trans-1,2-Dichloroethene	ND	H	3.6	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
trans-1,3-Dichloropropene	ND	H	3.6	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Trichloroethene	ND	H	3.6	0.28	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Trichlorofluoromethane	ND	H	3.6	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Vinyl chloride	ND	H	3.6	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
2-Methyl-2-propanol	ND	H	140	4.1	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-7A

Date Collected: 07/15/15 09:55
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-13

Matrix: Solid
Percent Solids: 93.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**0.46**	**J H**	7.2	0.39	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Methylcyclohexane	ND	H	7.2	0.42	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1
Chlorodibromomethane	ND	H	3.6	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 123*	*07/17/15 16:46*	*07/21/15 19:01*	*1*
4-Bromofluorobenzene (Surr)	*92*		*52 - 136*	*07/17/15 16:46*	*07/21/15 19:01*	*1*
Toluene-d8 (Surr)	*97*		*67 - 125*	*07/17/15 16:46*	*07/21/15 19:01*	*1*
Dibromofluoromethane (Surr)	*99*		*37 - 132*	*07/17/15 16:46*	*07/21/15 19:01*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		54	3.8	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
bis (2-chloroisopropyl) ether	ND		110	10	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2,4,5-Trichlorophenol	ND		160	27	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2,4,6-Trichlorophenol	ND		160	9.6	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2,4-Dichlorophenol	ND		160	22	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2,4-Dimethylphenol	ND		160	22	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2,4-Dinitrophenol	ND		360	23	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2,4-Dinitrotoluene	ND		220	18	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2,6-Dinitrotoluene	ND		220	23	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2-Chloronaphthalene	ND		54	0.48	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2-Chlorophenol	ND		54	8.8	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2-Methylnaphthalene	ND		7.2	0.54	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2-Methylphenol	ND		220	12	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2-Nitroaniline	ND		220	9.8	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
2-Nitrophenol	ND		54	8.9	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
3,3'-Dichlorobenzidine	ND		110	19	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
3-Nitroaniline	ND		220	17	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
4,6-Dinitro-2-methylphenol	ND		160	9.9	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
4-Bromophenyl phenyl ether	ND		54	14	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
4-Chloro-3-methylphenol	ND		160	23	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
4-Chloroaniline	ND		160	18	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
4-Chlorophenyl phenyl ether	ND		54	14	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
4-Nitroaniline	ND		220	28	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
4-Nitrophenol	ND		360	18	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Acenaphthene	ND		7.2	0.82	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Acenaphthylene	ND		7.2	0.38	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Acetophenone	ND		110	9.9	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Anthracene	ND		7.2	0.84	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Atrazine	ND		220	9.8	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Benzaldehyde	ND		110	13	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Benzo[a]anthracene	ND		7.2	0.68	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Benzo[a]pyrene	ND	*	7.2	0.69	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Benzo[b]fluoranthene	ND	*	7.2	0.63	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Benzo[g,h,i]perylene	ND	*	7.2	0.38	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Benzo[k]fluoranthene	ND	*	7.2	0.73	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Bis(2-chloroethoxy)methane	ND		110	24	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Bis(2-chloroethyl)ether	ND		110	2.2	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Bis(2-ethylhexyl) phthalate	**38**	**J B**	75	20	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-7A

Date Collected: 07/15/15 09:55
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-13

Matrix: Solid
Percent Solids: 93.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		75	11	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Caprolactam	ND		360	40	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Carbazole	ND		54	29	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Chrysene	**13**		7.2	1.2	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Dibenz(a,h)anthracene	ND	*	7.2	0.71	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Dibenzofuran	ND		54	0.71	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Diethyl phthalate	ND		75	17	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Dimethyl phthalate	ND		75	18	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Di-n-butyl phthalate	**36**	**J B**	75	16	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Di-n-octyl phthalate	ND	*	75	8.5	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Fluoranthene	ND		7.2	0.59	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Fluorene	ND		7.2	0.57	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Hexachlorobenzene	ND		7.2	2.3	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Hexachlorobutadiene	ND		54	6.0	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Hexachlorocyclopentadiene	ND		360	8.7	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Hexachloroethane	ND		54	9.7	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Indeno[1,2,3-cd]pyrene	ND	*	7.2	0.38	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Isophorone	ND		54	14	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
N-Nitrosodi-n-propylamine	ND		54	6.8	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
N-Nitrosodiphenylamine	ND		54	23	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Naphthalene	ND		7.2	0.88	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Nitrobenzene	ND		110	2.4	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Pentachlorophenol	ND		160	9.8	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Phenanthrene	ND		7.2	0.79	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Phenol	ND		54	7.9	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
Pyrene	**6.0**	**J**	7.2	0.47	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1
3 & 4 Methylphenol	ND		430	22	ug/Kg	☼	07/21/15 07:48	07/25/15 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*98*		*36 - 110*	*07/21/15 07:48*	*07/25/15 20:15*	*1*
Phenol-d5 (Surr)	*76*		*26 - 110*	*07/21/15 07:48*	*07/25/15 20:15*	*1*
Nitrobenzene-d5 (Surr)	*83*		*20 - 110*	*07/21/15 07:48*	*07/25/15 20:15*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 110*	*07/21/15 07:48*	*07/25/15 20:15*	*1*
2-Fluorobiphenyl (Surr)	*71*		*24 - 110*	*07/21/15 07:48*	*07/25/15 20:15*	*1*
2,4,6-Tribromophenol (Surr)	*25*		*10 - 110*	*07/21/15 07:48*	*07/25/15 20:15*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	49	ug/Kg	☼	07/27/15 05:12	07/27/15 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*63*		*40 - 139*	*07/27/15 05:12*	*07/27/15 12:07*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**130**		18	6.8	mg/Kg	☼	07/21/15 07:26	07/24/15 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*71*		*40 - 160*	*07/21/15 07:26*	*07/24/15 14:23*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-7A

Date Collected: 07/15/15 09:55
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-13

Matrix: Solid
Percent Solids: 93.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		36	13	ug/Kg	☼	07/21/15 08:51	07/23/15 12:35	1
Aroclor-1221	ND		36	17	ug/Kg	☼	07/21/15 08:51	07/23/15 12:35	1
Aroclor-1232	ND		36	22	ug/Kg	☼	07/21/15 08:51	07/23/15 12:35	1
Aroclor-1242	ND		36	12	ug/Kg	☼	07/21/15 08:51	07/23/15 12:35	1
Aroclor-1248	ND		36	8.6	ug/Kg	☼	07/21/15 08:51	07/23/15 12:35	1
Aroclor-1254	ND		36	15	ug/Kg	☼	07/21/15 08:51	07/23/15 12:35	1
Aroclor-1260	ND		36	9.7	ug/Kg	☼	07/21/15 08:51	07/23/15 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*13 - 134*	*07/21/15 08:51*	*07/23/15 12:35*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 155*	*07/21/15 08:51*	*07/23/15 12:35*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.027**	**J**	0.18	0.0012	mg/Kg	☼	07/21/15 12:38	07/22/15 20:43	2
Arsenic	**4.3**	**B**	0.88	0.023	mg/Kg	☼	07/21/15 12:38	07/22/15 20:43	2
Barium	**21**		0.88	0.19	mg/Kg	☼	07/21/15 12:38	07/22/15 20:43	2
Cadmium	**0.19**		0.18	0.0032	mg/Kg	☼	07/21/15 12:38	07/22/15 20:43	2
Chromium	**13**	**B**	0.35	0.053	mg/Kg	☼	07/21/15 12:38	07/22/15 20:43	2
Lead	**8.2**		0.18	0.039	mg/Kg	☼	07/21/15 12:38	07/22/15 20:43	2
Selenium	**1.3**	**B**	0.88	0.035	mg/Kg	☼	07/21/15 12:38	07/22/15 20:43	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.016	mg/Kg	☼	07/21/15 15:50	07/22/15 13:07	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-7B

Date Collected: 07/15/15 12:50
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-14

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	7.4		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-7B

Date Collected: 07/15/15 12:50
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-14

Matrix: Solid
Percent Solids: 92.6

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	50	ug/Kg	☼	07/27/15 05:12	07/27/15 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*61*		*40 - 139*	*07/27/15 05:12*	*07/27/15 12:46*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		18	6.9	mg/Kg	☼	07/21/15 07:26	07/23/15 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*75*		*40 - 160*	*07/21/15 07:26*	*07/23/15 18:22*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-8A

Date Collected: 07/15/15 12:35
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-15

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	14		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-8A

Date Collected: 07/15/15 12:35
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-15

Matrix: Solid
Percent Solids: 85.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	4.2	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,1,2,2-Tetrachloroethane	ND	H	4.2	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	4.2	0.36	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,1,2-Trichloroethane	ND	H	4.2	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,1-Dichloroethane	ND	H	4.2	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,1-Dichloroethene	ND	H	4.2	0.68	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,2,4-Trichlorobenzene	ND	H	4.2	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,2-Dibromo-3-Chloropropane	ND	H	8.5	2.3	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,2-Dichlorobenzene	ND	H	4.2	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,2-Dichloroethane	ND	H	4.2	0.39	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,2-Dichloropropane	ND	H	4.2	0.12	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,3-Dichlorobenzene	ND	H	4.2	0.59	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
1,4-Dichlorobenzene	ND	H	4.2	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
2-Hexanone	ND	H	17	0.58	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Acetone	ND	H	17	4.8	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Benzene	ND	H	4.2	0.76	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Bromoform	ND	H	4.2	0.20	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Bromomethane	ND	H	4.2	0.36	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Carbon disulfide	ND	H	4.2	0.50	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Carbon tetrachloride	ND	H	4.2	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Chlorobenzene	ND	H	4.2	0.45	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Chloroethane	ND	H	4.2	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Chloroform	ND	H	4.2	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Chloromethane	ND	H	4.2	0.67	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
cis-1,2-Dichloroethene	ND	H	4.2	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
cis-1,3-Dichloropropene	ND	H	4.2	0.60	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Cyclohexane	ND	H	8.5	0.41	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Dichlorobromomethane	ND	H	4.2	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Dichlorodifluoromethane	ND	H	4.2	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Ethylbenzene	ND	H	4.2	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Ethylene Dibromide	ND	H	4.2	0.45	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Isopropyl ether	ND	H	8.5	0.50	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Isopropylbenzene	ND	H	4.2	0.17	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Methyl acetate	ND	H	8.5	1.7	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
2-Butanone (MEK)	ND	H	17	0.95	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
4-Methyl-2-pentanone (MIBK)	ND	H	17	1.0	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Methyl tert-butyl ether	ND	H	4.2	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Tert-amyl methyl ether	ND	H	4.2	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Methylene Chloride	ND	H	4.2	0.63	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Styrene	ND	H	4.2	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Tert-butyl ethyl ether	ND	H	4.2	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Tetrachloroethene	ND	H	4.2	0.68	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Toluene	ND	H	4.2	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
trans-1,2-Dichloroethene	ND	H	4.2	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
trans-1,3-Dichloropropene	ND	H	4.2	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Trichloroethene	ND	H	4.2	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Trichlorofluoromethane	ND	H	4.2	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Vinyl chloride	ND	H	4.2	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
2-Methyl-2-propanol	ND	H	170	4.9	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-8A

Date Collected: 07/15/15 12:35
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-15

Matrix: Solid
Percent Solids: 85.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND	H	8.5	0.46	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Methylcyclohexane	ND	H	8.5	0.49	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1
Chlorodibromomethane	ND	H	4.2	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 123*	*07/17/15 16:46*	*07/21/15 19:27*	*1*
4-Bromofluorobenzene (Surr)	*93*		*52 - 136*	*07/17/15 16:46*	*07/21/15 19:27*	*1*
Toluene-d8 (Surr)	*95*		*67 - 125*	*07/17/15 16:46*	*07/21/15 19:27*	*1*
Dibromofluoromethane (Surr)	*97*		*37 - 132*	*07/17/15 16:46*	*07/21/15 19:27*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	53	ug/Kg	☼	07/27/15 05:12	07/27/15 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*63*		*40 - 139*	*07/27/15 05:12*	*07/27/15 13:22*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		19	7.5	mg/Kg	☼	07/21/15 07:26	07/23/15 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*68*		*40 - 160*	*07/21/15 07:26*	*07/23/15 18:54*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-8B

Lab Sample ID: 240-53332-16

Date Collected: 07/15/15 15:00
Date Received: 07/17/15 10:45

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	83		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	17		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-8B

Date Collected: 07/15/15 15:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-16

Matrix: Solid
Percent Solids: 83.4

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	55	ug/Kg	☼	07/27/15 05:12	07/27/15 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*63*		*40 - 139*	*07/27/15 05:12*	*07/27/15 14:00*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		20	7.6	mg/Kg	☼	07/21/15 07:26	07/23/15 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*64*		*40 - 160*	*07/21/15 07:26*	*07/23/15 19:26*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-9A

Lab Sample ID: 240-53332-17

Date Collected: 07/15/15 14:00
Matrix: Solid
Date Received: 07/17/15 10:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	91		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	9.1		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-9A

Date Collected: 07/15/15 14:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-17

Matrix: Solid
Percent Solids: 90.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	4.0	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,1,2,2-Tetrachloroethane	ND	H	4.0	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,1,2-Trichloroethane	ND	H	4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,1-Dichloroethane	ND	H	4.0	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,1-Dichloroethene	ND	H	4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,2,4-Trichlorobenzene	ND	H	4.0	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,2-Dibromo-3-Chloropropane	ND	H	8.1	2.2	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,2-Dichlorobenzene	ND	H	4.0	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,2-Dichloroethane	ND	H	4.0	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,2-Dichloropropane	ND	H	4.0	0.11	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,3-Dichlorobenzene	ND	H	4.0	0.56	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
1,4-Dichlorobenzene	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
2-Hexanone	ND	H	16	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Acetone	**26**	**H**	16	4.6	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Benzene	ND	H	4.0	0.72	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Bromoform	ND	H	4.0	0.19	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Bromomethane	ND	H	4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Carbon disulfide	**0.77**	**J H**	4.0	0.48	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Carbon tetrachloride	ND	H	4.0	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Chlorobenzene	ND	H	4.0	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Chloroethane	ND	H	4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Chloroform	ND	H	4.0	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Chloromethane	ND	H	4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
cis-1,2-Dichloroethene	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
cis-1,3-Dichloropropene	ND	H	4.0	0.57	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Cyclohexane	ND	H	8.1	0.39	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Dichlorobromomethane	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Dichlorodifluoromethane	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Ethylbenzene	**1.0**	**J H**	4.0	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Ethylene Dibromide	ND	H	4.0	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Isopropyl ether	ND	H	8.1	0.48	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Isopropylbenzene	ND	H	4.0	0.16	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Methyl acetate	ND	H	8.1	1.6	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
2-Butanone (MEK)	**4.2**	**J H**	16	0.90	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
4-Methyl-2-pentanone (MIBK)	ND	H	16	0.98	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Methyl tert-butyl ether	ND	H	4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Tert-amyl methyl ether	ND	H	4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Methylene Chloride	ND	H	4.0	0.60	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Styrene	ND	H	4.0	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Tert-butyl ethyl ether	ND	H	4.0	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Tetrachloroethene	ND	H	4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Toluene	**13**	**H**	4.0	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
trans-1,2-Dichloroethene	ND	H	4.0	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
trans-1,3-Dichloropropene	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Trichloroethene	ND	H	4.0	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Trichlorofluoromethane	ND	H	4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Vinyl chloride	ND	H	4.0	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
2-Methyl-2-propanol	ND	H	160	4.6	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-9A

Date Collected: 07/15/15 14:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-17

Matrix: Solid
Percent Solids: 90.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**3.1**	**J H**	8.1	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Methylcyclohexane	ND	H	8.1	0.47	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1
Chlorodibromomethane	ND	H	4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*58 - 123*	*07/17/15 16:46*	*07/21/15 19:53*	*1*
4-Bromofluorobenzene (Surr)	*100*		*52 - 136*	*07/17/15 16:46*	*07/21/15 19:53*	*1*
Toluene-d8 (Surr)	*101*		*67 - 125*	*07/17/15 16:46*	*07/21/15 19:53*	*1*
Dibromofluoromethane (Surr)	*96*		*37 - 132*	*07/17/15 16:46*	*07/21/15 19:53*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	51	ug/Kg	☼	07/27/15 05:12	07/27/15 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*62*		*40 - 139*	*07/27/15 05:12*	*07/27/15 14:38*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**64**		19	7.1	mg/Kg	☼	07/21/15 07:26	07/23/15 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*71*		*40 - 160*	*07/21/15 07:26*	*07/23/15 19:58*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-9B

Lab Sample ID: 240-53332-18

Date Collected: 07/16/15 12:45
Date Received: 07/17/15 10:45

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	84		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	16		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-9B

Date Collected: 07/16/15 12:45
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-18

Matrix: Solid
Percent Solids: 84.4

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND	F2	120	55	ug/Kg	☼	07/28/15 06:13	07/28/15 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*40 - 139*	*07/28/15 06:13*	*07/28/15 17:02*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		20	7.6	mg/Kg	☼	07/21/15 07:26	07/23/15 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*72*		*40 - 160*	*07/21/15 07:26*	*07/23/15 20:29*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10A

Date Collected: 07/16/15 10:55
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-19

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	12		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10A

Date Collected: 07/16/15 10:55
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-19

Matrix: Solid
Percent Solids: 88.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,1,2,2-Tetrachloroethane	ND		4.0	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,1,2-Trichloroethane	ND		4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,1-Dichloroethane	ND		4.0	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,1-Dichloroethene	ND		4.0	0.65	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,2,4-Trichlorobenzene	ND		4.0	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,2-Dibromo-3-Chloropropane	ND		8.1	2.2	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,2-Dichlorobenzene	ND		4.0	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,2-Dichloroethane	ND		4.0	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,2-Dichloropropane	ND		4.0	0.11	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,3-Dichlorobenzene	ND		4.0	0.56	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
1,4-Dichlorobenzene	ND		4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
2-Hexanone	ND		16	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Acetone	**16**		16	4.6	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Benzene	ND		4.0	0.73	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Bromoform	ND		4.0	0.19	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Bromomethane	ND		4.0	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Carbon disulfide	ND		4.0	0.48	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Carbon tetrachloride	ND		4.0	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Chlorobenzene	ND		4.0	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Chloroethane	ND		4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Chloroform	ND		4.0	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Chloromethane	ND		4.0	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
cis-1,2-Dichloroethene	ND		4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
cis-1,3-Dichloropropene	ND		4.0	0.57	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Cyclohexane	ND		8.1	0.39	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Dichlorobromomethane	ND		4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Dichlorodifluoromethane	ND		4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Ethylbenzene	ND		4.0	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Ethylene Dibromide	ND		4.0	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Isopropyl ether	ND		8.1	0.48	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Isopropylbenzene	ND		4.0	0.16	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Methyl acetate	ND		8.1	1.6	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
2-Butanone (MEK)	**1.7**	**J**	16	0.90	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
4-Methyl-2-pentanone (MIBK)	ND		16	0.98	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Methyl tert-butyl ether	ND		4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Tert-amyl methyl ether	ND		4.0	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Methylene Chloride	ND		4.0	0.60	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Styrene	ND		4.0	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Tert-butyl ethyl ether	ND		4.0	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Tetrachloroethene	ND		4.0	0.65	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Toluene	**1.5**	**J**	4.0	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
trans-1,2-Dichloroethene	ND		4.0	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
trans-1,3-Dichloropropene	ND		4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Trichloroethene	ND		4.0	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Trichlorofluoromethane	ND		4.0	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Vinyl chloride	ND		4.0	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
2-Methyl-2-propanol	ND		160	4.6	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10A

Date Collected: 07/16/15 10:55
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-19

Matrix: Solid
Percent Solids: 88.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		8.1	0.44	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Methylcyclohexane	ND		8.1	0.47	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1
Chlorodibromomethane	ND		4.0	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 123*	*07/17/15 16:46*	*07/21/15 20:18*	*1*
4-Bromofluorobenzene (Surr)	*93*		*52 - 136*	*07/17/15 16:46*	*07/21/15 20:18*	*1*
Toluene-d8 (Surr)	*97*		*67 - 125*	*07/17/15 16:46*	*07/21/15 20:18*	*1*
Dibromofluoromethane (Surr)	*98*		*37 - 132*	*07/17/15 16:46*	*07/21/15 20:18*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		57	4.0	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
bis (2-chloroisopropyl) ether	ND		110	11	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2,4,5-Trichlorophenol	ND		170	28	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2,4,6-Trichlorophenol	ND		170	10	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2,4-Dichlorophenol	ND		170	23	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2,4-Dimethylphenol	ND		170	23	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2,4-Dinitrophenol	ND		370	24	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2,4-Dinitrotoluene	ND		230	19	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2,6-Dinitrotoluene	ND		230	24	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2-Chloronaphthalene	ND		57	0.51	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2-Chlorophenol	ND		57	9.3	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2-Methylnaphthalene	ND		7.5	0.57	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2-Methylphenol	ND		230	12	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2-Nitroaniline	ND		230	10	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
2-Nitrophenol	ND		57	9.4	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
3,3'-Dichlorobenzidine	ND		110	20	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
3-Nitroaniline	ND		230	18	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
4,6-Dinitro-2-methylphenol	ND		170	10	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
4-Bromophenyl phenyl ether	ND		57	15	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
4-Chloro-3-methylphenol	ND		170	24	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
4-Chlorophenyl phenyl ether	ND		57	15	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
4-Nitroaniline	ND		230	29	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
4-Nitrophenol	ND		370	19	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Acenaphthene	ND		7.5	0.86	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Acenaphthylene	ND		7.5	0.40	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Acetophenone	ND		110	10	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Anthracene	ND		7.5	0.88	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Atrazine	ND		230	10	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Benzaldehyde	ND		110	14	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Benzo[a]anthracene	ND		7.5	0.71	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Benzo[a]pyrene	ND	*	7.5	0.72	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Benzo[b]fluoranthene	ND	*	7.5	0.67	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Benzo[g,h,i]perylene	ND	*	7.5	0.40	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Benzo[k]fluoranthene	ND	*	7.5	0.77	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Bis(2-chloroethoxy)methane	ND		110	25	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Bis(2-chloroethyl)ether	ND		110	2.3	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Bis(2-ethylhexyl) phthalate	**35**	**J B**	79	21	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10A

Date Collected: 07/16/15 10:55
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-19

Matrix: Solid
Percent Solids: 88.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		79	11	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Caprolactam	ND		370	42	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Carbazole	ND		57	31	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Chrysene	ND		7.5	1.2	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Dibenz(a,h)anthracene	ND	*	7.5	0.75	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Dibenzofuran	ND		57	0.75	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Diethyl phthalate	ND		79	18	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Dimethyl phthalate	ND		79	19	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Di-n-butyl phthalate	**30**	**J B**	79	17	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Di-n-octyl phthalate	ND	*	79	8.9	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Fluoranthene	ND		7.5	0.62	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Fluorene	ND		7.5	0.60	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Hexachlorobenzene	ND		7.5	2.4	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Hexachlorobutadiene	ND		57	6.3	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Hexachlorocyclopentadiene	ND		370	9.2	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Hexachloroethane	ND		57	10	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Indeno[1,2,3-cd]pyrene	ND	*	7.5	0.40	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Isophorone	ND		57	15	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
N-Nitrosodi-n-propylamine	ND		57	7.1	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
N-Nitrosodiphenylamine	ND		57	24	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Naphthalene	ND		7.5	0.93	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Nitrobenzene	ND		110	2.5	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Pentachlorophenol	ND		170	10	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Phenanthrene	ND		7.5	0.83	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Phenol	ND		57	8.3	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
Pyrene	**8.6**		7.5	0.50	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1
3 & 4 Methylphenol	ND		450	23	ug/Kg	☼	07/21/15 07:48	07/25/15 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*102*		*36 - 110*	*07/21/15 07:48*	*07/25/15 20:39*	*1*
Phenol-d5 (Surr)	*88*		*26 - 110*	*07/21/15 07:48*	*07/25/15 20:39*	*1*
Nitrobenzene-d5 (Surr)	*86*		*20 - 110*	*07/21/15 07:48*	*07/25/15 20:39*	*1*
2-Fluorophenol (Surr)	*76*		*24 - 110*	*07/21/15 07:48*	*07/25/15 20:39*	*1*
2-Fluorobiphenyl (Surr)	*76*		*24 - 110*	*07/21/15 07:48*	*07/25/15 20:39*	*1*
2,4,6-Tribromophenol (Surr)	*22*		*10 - 110*	*07/21/15 07:48*	*07/25/15 20:39*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	52	ug/Kg	☼	07/27/15 05:12	07/27/15 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*69*		*40 - 139*	*07/27/15 05:12*	*07/27/15 15:54*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		19	7.3	mg/Kg	☼	07/21/15 07:26	07/23/15 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*66*		*40 - 160*	*07/21/15 07:26*	*07/23/15 21:32*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10A

Date Collected: 07/16/15 10:55
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-19

Matrix: Solid
Percent Solids: 88.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		38	14	ug/Kg	☼	07/21/15 08:51	07/23/15 12:51	1
Aroclor-1221	ND		38	18	ug/Kg	☼	07/21/15 08:51	07/23/15 12:51	1
Aroclor-1232	ND		38	23	ug/Kg	☼	07/21/15 08:51	07/23/15 12:51	1
Aroclor-1242	ND		38	13	ug/Kg	☼	07/21/15 08:51	07/23/15 12:51	1
Aroclor-1248	ND		38	9.1	ug/Kg	☼	07/21/15 08:51	07/23/15 12:51	1
Aroclor-1254	ND		38	16	ug/Kg	☼	07/21/15 08:51	07/23/15 12:51	1
Aroclor-1260	ND		38	10	ug/Kg	☼	07/21/15 08:51	07/23/15 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*13 - 134*	*07/21/15 08:51*	*07/23/15 12:51*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 155*	*07/21/15 08:51*	*07/23/15 12:51*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.024**	**J**	0.21	0.0014	mg/Kg	☼	07/21/15 12:38	07/22/15 20:47	2
Arsenic	**5.3**	**B**	1.0	0.027	mg/Kg	☼	07/21/15 12:38	07/22/15 20:47	2
Barium	**68**		1.0	0.23	mg/Kg	☼	07/21/15 12:38	07/22/15 20:47	2
Cadmium	**0.25**		0.21	0.0038	mg/Kg	☼	07/21/15 12:38	07/22/15 20:47	2
Chromium	**14**	**B**	0.41	0.062	mg/Kg	☼	07/21/15 12:38	07/22/15 20:47	2
Lead	**5.0**		0.21	0.046	mg/Kg	☼	07/21/15 12:38	07/22/15 20:47	2
Selenium	**0.85**	**J B**	1.0	0.041	mg/Kg	☼	07/21/15 12:38	07/22/15 20:47	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.015	mg/Kg	☼	07/21/15 15:50	07/22/15 13:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10B

Lab Sample ID: 240-53332-20

Date Collected: 07/16/15 11:10
Date Received: 07/17/15 10:45

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	11		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10B

Date Collected: 07/16/15 11:10
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-20

Matrix: Solid
Percent Solids: 89.3

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	52	ug/Kg	☼	07/27/15 05:12	07/27/15 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*67*		*40 - 139*	*07/27/15 05:12*	*07/27/15 17:08*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		19	7.1	mg/Kg	☼	07/21/15 07:26	07/23/15 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*74*		*40 - 160*	*07/21/15 07:26*	*07/23/15 22:04*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-11A

Date Collected: 07/15/15 14:15
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-21

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	12		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-11A

Date Collected: 07/15/15 14:15
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-21

Matrix: Solid
Percent Solids: 87.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	3.8	0.50	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,1,2,2-Tetrachloroethane	ND	H	3.8	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	3.8	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,1,2-Trichloroethane	ND	H	3.8	0.28	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,1-Dichloroethane	ND	H	3.8	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,1-Dichloroethene	ND	H	3.8	0.61	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,2,4-Trichlorobenzene	ND	H	3.8	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,2-Dibromo-3-Chloropropane	ND	H	7.6	2.1	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,2-Dichlorobenzene	ND	H	3.8	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,2-Dichloroethane	ND	H	3.8	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,2-Dichloropropane	ND	H	3.8	0.11	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,3-Dichlorobenzene	ND	H	3.8	0.53	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
1,4-Dichlorobenzene	ND	H	3.8	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
2-Hexanone	ND	H	15	0.52	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Acetone	**7.4**	**J H**	15	4.3	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Benzene	ND	H	3.8	0.69	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Bromoform	ND	H	3.8	0.18	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Bromomethane	ND	H	3.8	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Carbon disulfide	ND	H	3.8	0.45	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Carbon tetrachloride	ND	H	3.8	0.50	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Chlorobenzene	ND	H	3.8	0.40	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Chloroethane	ND	H	3.8	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Chloroform	ND	H	3.8	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Chloromethane	ND	H	3.8	0.60	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
cis-1,2-Dichloroethene	ND	H	3.8	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
cis-1,3-Dichloropropene	ND	H	3.8	0.54	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Cyclohexane	ND	H	7.6	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Dichlorobromomethane	ND	H	3.8	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Dichlorodifluoromethane	ND	H	3.8	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Ethylbenzene	ND	H	3.8	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Ethylene Dibromide	ND	H	3.8	0.40	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Isopropyl ether	ND	H	7.6	0.45	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Isopropylbenzene	ND	H	3.8	0.15	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Methyl acetate	ND	H	7.6	1.5	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
2-Butanone (MEK)	**1.7**	**J H**	15	0.85	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
4-Methyl-2-pentanone (MIBK)	ND	H	15	0.93	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Methyl tert-butyl ether	ND	H	3.8	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Tert-amyl methyl ether	ND	H	3.8	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Methylene Chloride	ND	H	3.8	0.56	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Styrene	ND	H	3.8	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Tert-butyl ethyl ether	ND	H	3.8	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Tetrachloroethene	ND	H	3.8	0.61	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Toluene	ND	H	3.8	0.21	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
trans-1,2-Dichloroethene	ND	H	3.8	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
trans-1,3-Dichloropropene	ND	H	3.8	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Trichloroethene	ND	H	3.8	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Trichlorofluoromethane	ND	H	3.8	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Vinyl chloride	ND	H	3.8	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
2-Methyl-2-propanol	ND	H	150	4.4	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-11A

Date Collected: 07/15/15 14:15
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-21

Matrix: Solid
Percent Solids: 87.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND	H	7.6	0.41	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Methylcyclohexane	ND	H	7.6	0.44	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1
Chlorodibromomethane	ND	H	3.8	0.28	ug/Kg	☼	07/17/15 16:46	07/21/15 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 123*	*07/17/15 16:46*	*07/21/15 20:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*52 - 136*	*07/17/15 16:46*	*07/21/15 20:44*	*1*
Toluene-d8 (Surr)	*97*		*67 - 125*	*07/17/15 16:46*	*07/21/15 20:44*	*1*
Dibromofluoromethane (Surr)	*100*		*37 - 132*	*07/17/15 16:46*	*07/21/15 20:44*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	52	ug/Kg	☼	07/27/15 05:12	07/27/15 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*67*		*40 - 139*	*07/27/15 05:12*	*07/27/15 17:45*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		19	7.3	mg/Kg	☼	07/21/15 07:26	07/23/15 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*66*		*40 - 160*	*07/21/15 07:26*	*07/23/15 22:35*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-11B

Date Collected: 07/16/15 12:20
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-22

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	82		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	18		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-11B

Date Collected: 07/16/15 12:20
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-22

Matrix: Solid
Percent Solids: 81.9

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	56	ug/Kg	☼	07/27/15 05:12	07/27/15 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*67*		*40 - 139*	*07/27/15 05:12*	*07/27/15 18:22*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		20	7.7	mg/Kg	☼	07/21/15 07:26	07/23/15 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*67*		*40 - 160*	*07/21/15 07:26*	*07/23/15 23:07*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-12A

Date Collected: 07/16/15 11:40
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-23

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	81		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	19		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-12A

Date Collected: 07/16/15 11:40
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-23

Matrix: Solid
Percent Solids: 81.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.6	0.60	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,1,2,2-Tetrachloroethane	ND		4.6	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6	0.39	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,1,2-Trichloroethane	ND		4.6	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,1-Dichloroethane	ND		4.6	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,1-Dichloroethene	ND		4.6	0.74	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,2,4-Trichlorobenzene	ND		4.6	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,2-Dibromo-3-Chloropropane	ND		9.3	2.5	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,2-Dichlorobenzene	ND		4.6	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,2-Dichloroethane	ND		4.6	0.43	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,2-Dichloropropane	ND		4.6	0.13	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,3-Dichlorobenzene	ND		4.6	0.64	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
1,4-Dichlorobenzene	ND		4.6	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
2-Hexanone	ND		19	0.63	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Acetone	ND		19	5.3	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Benzene	ND		4.6	0.83	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Bromoform	ND		4.6	0.22	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Bromomethane	ND		4.6	0.39	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Carbon disulfide	**0.98**	**J**	4.6	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Carbon tetrachloride	ND		4.6	0.60	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Chlorobenzene	ND		4.6	0.49	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Chloroethane	ND		4.6	0.41	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Chloroform	ND		4.6	0.33	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Chloromethane	ND		4.6	0.73	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
cis-1,2-Dichloroethene	ND		4.6	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
cis-1,3-Dichloropropene	ND		4.6	0.66	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Cyclohexane	ND		9.3	0.44	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Dichlorobromomethane	ND		4.6	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Dichlorodifluoromethane	ND		4.6	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Ethylbenzene	ND		4.6	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Ethylene Dibromide	ND		4.6	0.49	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Isopropyl ether	ND		9.3	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Isopropylbenzene	ND		4.6	0.19	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Methyl acetate	ND		9.3	1.9	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
2-Butanone (MEK)	ND		19	1.0	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
4-Methyl-2-pentanone (MIBK)	ND		19	1.1	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Methyl tert-butyl ether	ND		4.6	0.40	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Tert-amyl methyl ether	ND		4.6	0.40	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Methylene Chloride	ND		4.6	0.69	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Styrene	ND		4.6	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Tert-butyl ethyl ether	ND		4.6	0.38	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Tetrachloroethene	ND		4.6	0.74	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Toluene	ND		4.6	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
trans-1,2-Dichloroethene	ND		4.6	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
trans-1,3-Dichloropropene	ND		4.6	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Trichloroethene	ND		4.6	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Trichlorofluoromethane	ND		4.6	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Vinyl chloride	ND		4.6	0.28	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
2-Methyl-2-propanol	ND		190	5.3	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-12A

Date Collected: 07/16/15 11:40
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-23

Matrix: Solid
Percent Solids: 81.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		9.3	0.50	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Methylcyclohexane	ND		9.3	0.54	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1
Chlorodibromomethane	ND		4.6	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 123*	*07/17/15 16:46*	*07/21/15 21:10*	*1*
4-Bromofluorobenzene (Surr)	*88*		*52 - 136*	*07/17/15 16:46*	*07/21/15 21:10*	*1*
Toluene-d8 (Surr)	*94*		*67 - 125*	*07/17/15 16:46*	*07/21/15 21:10*	*1*
Dibromofluoromethane (Surr)	*100*		*37 - 132*	*07/17/15 16:46*	*07/21/15 21:10*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		61	4.2	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
bis (2-chloroisopropyl) ether	ND		120	12	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2,4,5-Trichlorophenol	ND		180	30	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2,4,6-Trichlorophenol	ND		180	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2,4-Dichlorophenol	ND		180	24	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2,4-Dimethylphenol	ND		180	24	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2,4-Dinitrophenol	ND		400	25	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2,4-Dinitrotoluene	ND		240	21	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2,6-Dinitrotoluene	ND		240	25	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2-Chloronaphthalene	ND		61	0.55	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2-Chlorophenol	ND		61	9.9	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2-Methylnaphthalene	**33**		8.1	0.61	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2-Methylphenol	ND		240	13	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2-Nitroaniline	ND		240	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
2-Nitrophenol	ND		61	10	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
3,3'-Dichlorobenzidine	ND		120	22	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
3-Nitroaniline	ND		240	19	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
4,6-Dinitro-2-methylphenol	ND		180	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
4-Bromophenyl phenyl ether	ND		61	16	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
4-Chloro-3-methylphenol	ND		180	25	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
4-Chloroaniline	ND		180	21	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
4-Chlorophenyl phenyl ether	ND		61	16	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
4-Nitrophenol	ND		400	21	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Acenaphthene	**4.9**	**J**	8.1	0.92	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Acenaphthylene	ND		8.1	0.42	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Acetophenone	ND		120	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Anthracene	**11**		8.1	0.94	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Atrazine	ND		240	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Benzaldehyde	ND		120	15	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Benzo[a]anthracene	**30**		8.1	0.76	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Benzo[a]pyrene	**42**		8.1	0.78	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Benzo[b]fluoranthene	**56**		8.1	0.71	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Benzo[g,h,i]perylene	ND		8.1	0.42	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Benzo[k]fluoranthene	**16**		8.1	0.82	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Bis(2-chloroethoxy)methane	ND		120	27	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Bis(2-chloroethyl)ether	ND		120	2.4	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Bis(2-ethylhexyl) phthalate	**49**	**J B**	85	23	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1

Client Sample ID: SB-12A

Date Collected: 07/16/15 11:40
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-23

Matrix: Solid
Percent Solids: 81.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		85	12	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Caprolactam	ND		400	45	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Carbazole	ND		61	33	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Chrysene	**76**		8.1	1.3	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Dibenz(a,h)anthracene	ND		8.1	0.80	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Dibenzofuran	ND		61	0.80	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Diethyl phthalate	ND		85	19	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Dimethyl phthalate	ND		85	21	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Di-n-butyl phthalate	**38**	**J B**	85	18	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Di-n-octyl phthalate	ND	F1	85	9.6	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Fluoranthene	**54**		8.1	0.67	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Fluorene	**6.8**	**J**	8.1	0.64	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Hexachlorobenzene	ND		8.1	2.5	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Hexachlorobutadiene	ND		61	6.8	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Hexachlorocyclopentadiene	ND	F1	400	9.8	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Hexachloroethane	ND		61	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Indeno[1,2,3-cd]pyrene	ND		8.1	0.42	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Isophorone	ND		61	16	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
N-Nitrosodi-n-propylamine	ND		61	7.6	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
N-Nitrosodiphenylamine	ND		61	25	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Naphthalene	**6.5**	**J**	8.1	0.99	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Nitrobenzene	ND		120	2.7	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Pentachlorophenol	ND		180	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Phenanthrene	**65**		8.1	0.88	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Phenol	ND		61	8.8	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
Pyrene	**72**		8.1	0.53	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1
3 & 4 Methylphenol	ND		480	24	ug/Kg	☼	07/21/15 07:48	07/25/15 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*84*		*36 - 110*	*07/21/15 07:48*	*07/25/15 18:39*	*1*
Phenol-d5 (Surr)	*84*		*26 - 110*	*07/21/15 07:48*	*07/25/15 18:39*	*1*
Nitrobenzene-d5 (Surr)	*80*		*20 - 110*	*07/21/15 07:48*	*07/25/15 18:39*	*1*
2-Fluorophenol (Surr)	*75*		*24 - 110*	*07/21/15 07:48*	*07/25/15 18:39*	*1*
2-Fluorobiphenyl (Surr)	*69*		*24 - 110*	*07/21/15 07:48*	*07/25/15 18:39*	*1*
2,4,6-Tribromophenol (Surr)	*10*		*10 - 110*	*07/21/15 07:48*	*07/25/15 18:39*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	56	ug/Kg	☼	07/27/15 05:12	07/27/15 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*40 - 139*	*07/27/15 05:12*	*07/27/15 19:00*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**55**		20	7.8	mg/Kg	☼	07/21/15 07:26	07/23/15 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*76*		*40 - 160*	*07/21/15 07:26*	*07/23/15 23:39*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-12A

Date Collected: 07/16/15 11:40
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-23

Matrix: Solid
Percent Solids: 81.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		41	15	ug/Kg	☼	07/21/15 08:51	07/23/15 13:07	1
Aroclor-1221	ND		41	20	ug/Kg	☼	07/21/15 08:51	07/23/15 13:07	1
Aroclor-1232	ND		41	25	ug/Kg	☼	07/21/15 08:51	07/23/15 13:07	1
Aroclor-1242	ND		41	14	ug/Kg	☼	07/21/15 08:51	07/23/15 13:07	1
Aroclor-1248	ND		41	10	ug/Kg	☼	07/21/15 08:51	07/23/15 13:07	1
Aroclor-1254	ND		41	18	ug/Kg	☼	07/21/15 08:51	07/23/15 13:07	1
Aroclor-1260	ND		41	11	ug/Kg	☼	07/21/15 08:51	07/23/15 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*13 - 134*	*07/21/15 08:51*	*07/23/15 13:07*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 155*	*07/21/15 08:51*	*07/23/15 13:07*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.036**	**J**	0.23	0.0016	mg/Kg	☼	07/21/15 12:38	07/22/15 20:18	2
Arsenic	**3.8**	**B**	1.1	0.029	mg/Kg	☼	07/21/15 12:38	07/22/15 20:18	2
Barium	**82**	**F1 F2**	1.1	0.25	mg/Kg	☼	07/21/15 12:38	07/22/15 20:18	2
Cadmium	**0.46**		0.23	0.0042	mg/Kg	☼	07/21/15 12:38	07/22/15 20:18	2
Chromium	**20**	**B**	0.45	0.068	mg/Kg	☼	07/21/15 12:38	07/22/15 20:18	2
Lead	**10**		0.23	0.051	mg/Kg	☼	07/21/15 12:38	07/22/15 20:18	2
Selenium	**1.2**	**B**	1.1	0.045	mg/Kg	☼	07/21/15 12:38	07/22/15 20:18	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.015	mg/Kg	☼	07/21/15 15:50	07/22/15 12:56	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-12B

Date Collected: 07/16/15 11:50
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-24

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	87		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	13		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-12B

Date Collected: 07/16/15 11:50
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-24

Matrix: Solid
Percent Solids: 87.3

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		110	53	ug/Kg	☼	07/27/15 05:16	07/27/15 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*68*		*40 - 139*	*07/27/15 05:16*	*07/27/15 20:51*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		19	7.4	mg/Kg	☼	07/21/15 07:26	07/24/15 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*75*		*40 - 160*	*07/21/15 07:26*	*07/24/15 01:14*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-4

Date Collected: 07/15/15 12:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-25

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.44	ug/L			07/28/15 17:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/28/15 17:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**11**		1.0	0.45	ug/L			07/28/15 17:28	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/28/15 17:28	1
1,1-Dichloroethane	**0.55**	**J**	1.0	0.30	ug/L			07/28/15 17:28	1
1,1-Dichloroethene	**1.9**		1.0	0.45	ug/L			07/28/15 17:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/28/15 17:28	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/28/15 17:28	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/28/15 17:28	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/28/15 17:28	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/28/15 17:28	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/28/15 17:28	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/28/15 17:28	1
2-Hexanone	ND		10	0.48	ug/L			07/28/15 17:28	1
Acetone	ND		10	0.94	ug/L			07/28/15 17:28	1
Benzene	ND		1.0	0.35	ug/L			07/28/15 17:28	1
Bromoform	ND		1.0	0.56	ug/L			07/28/15 17:28	1
Bromomethane	ND		1.0	0.44	ug/L			07/28/15 17:28	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/28/15 17:28	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/28/15 17:28	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/28/15 17:28	1
Chloroethane	ND		1.0	0.32	ug/L			07/28/15 17:28	1
Chloroform	ND		1.0	0.25	ug/L			07/28/15 17:28	1
Chloromethane	ND		1.0	0.44	ug/L			07/28/15 17:28	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.26	ug/L			07/28/15 17:28	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/28/15 17:28	1
Cyclohexane	ND		1.0	0.45	ug/L			07/28/15 17:28	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/28/15 17:28	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/28/15 17:28	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/28/15 17:28	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/28/15 17:28	1
Isopropyl ether	ND		10	0.50	ug/L			07/28/15 17:28	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/28/15 17:28	1
Methyl acetate	ND		10	2.3	ug/L			07/28/15 17:28	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/28/15 17:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/28/15 17:28	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/28/15 17:28	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/28/15 17:28	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/28/15 17:28	1
Styrene	ND		1.0	0.45	ug/L			07/28/15 17:28	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/28/15 17:28	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/28/15 17:28	1
Toluene	ND		1.0	0.23	ug/L			07/28/15 17:28	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/28/15 17:28	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/28/15 17:28	1
Trichloroethene	**9.0**		1.0	0.22	ug/L			07/28/15 17:28	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/28/15 17:28	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/28/15 17:28	1

Client Sample ID: TW-4

Lab Sample ID: 240-53332-25

Date Collected: 07/15/15 12:00
Matrix: Water
Date Received: 07/17/15 10:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methyl-2-propanol	9.4	J	50	4.9	ug/L			07/28/15 17:28	1
Xylenes, Total	ND		2.0	0.52	ug/L			07/28/15 17:28	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/28/15 17:28	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/28/15 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*78 - 125*		*07/28/15 17:28*	*1*
4-Bromofluorobenzene (Surr)	*100*		*61 - 120*		*07/28/15 17:28*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/28/15 17:28*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 120*		*07/28/15 17:28*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	26	J	100	25	ug/L			07/21/15 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*68*		*40 - 133*		*07/21/15 16:06*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	82	J	99	40	ug/L		07/21/15 05:50	07/24/15 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*59*		*40 - 160*	*07/21/15 05:50*	*07/24/15 15:27*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.044	J	1.0	0.020	ug/L		07/21/15 09:48	07/22/15 16:31	1
Arsenic	11	B	5.0	0.18	ug/L		07/21/15 09:48	07/22/15 16:31	1
Barium	150		5.0	1.1	ug/L		07/21/15 09:48	07/22/15 16:31	1
Cadmium	15		1.0	0.061	ug/L		07/21/15 09:48	07/22/15 16:31	1
Chromium	16	B	2.0	0.20	ug/L		07/21/15 09:48	07/22/15 16:31	1
Lead	4.5	B	1.0	0.11	ug/L		07/21/15 09:48	07/22/15 16:31	1
Selenium	7.5		5.0	0.25	ug/L		07/21/15 09:48	07/22/15 16:31	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.090	ug/L		07/21/15 14:00	07/22/15 14:06	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-7

Date Collected: 07/15/15 13:15
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-26

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.44	ug/L			07/22/15 13:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/22/15 13:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.1**		1.0	0.45	ug/L			07/22/15 13:19	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/22/15 13:19	1
1,1-Dichloroethane	**0.45**	**J**	1.0	0.30	ug/L			07/22/15 13:19	1
1,1-Dichloroethene	**0.91**	**J**	1.0	0.45	ug/L			07/22/15 13:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/22/15 13:19	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/22/15 13:19	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/22/15 13:19	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/22/15 13:19	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/22/15 13:19	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/22/15 13:19	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/22/15 13:19	1
2-Hexanone	ND		10	0.48	ug/L			07/22/15 13:19	1
Acetone	**1.8**	**J**	10	0.94	ug/L			07/22/15 13:19	1
Benzene	ND		1.0	0.35	ug/L			07/22/15 13:19	1
Bromoform	ND		1.0	0.56	ug/L			07/22/15 13:19	1
Bromomethane	ND		1.0	0.44	ug/L			07/22/15 13:19	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/22/15 13:19	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/22/15 13:19	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/22/15 13:19	1
Chloroethane	ND		1.0	0.32	ug/L			07/22/15 13:19	1
Chloroform	ND		1.0	0.25	ug/L			07/22/15 13:19	1
Chloromethane	ND		1.0	0.44	ug/L			07/22/15 13:19	1
cis-1,2-Dichloroethene	**0.49**	**J**	1.0	0.26	ug/L			07/22/15 13:19	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/22/15 13:19	1
Cyclohexane	**0.49**	**J**	1.0	0.45	ug/L			07/22/15 13:19	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/22/15 13:19	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/22/15 13:19	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/22/15 13:19	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/22/15 13:19	1
Isopropyl ether	ND		10	0.50	ug/L			07/22/15 13:19	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/22/15 13:19	1
Methyl acetate	ND		10	2.3	ug/L			07/22/15 13:19	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/22/15 13:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/22/15 13:19	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/22/15 13:19	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/22/15 13:19	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/22/15 13:19	1
Styrene	ND		1.0	0.45	ug/L			07/22/15 13:19	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/22/15 13:19	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/22/15 13:19	1
Toluene	ND		1.0	0.23	ug/L			07/22/15 13:19	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/22/15 13:19	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/22/15 13:19	1
Trichloroethene	**0.86**	**J**	1.0	0.22	ug/L			07/22/15 13:19	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/22/15 13:19	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/22/15 13:19	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-7

Date Collected: 07/15/15 13:15
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-26

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/22/15 13:19	1
Xylenes, Total	ND		2.0	0.52	ug/L			07/22/15 13:19	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/22/15 13:19	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/22/15 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*78 - 125*		*07/22/15 13:19*	*1*
4-Bromofluorobenzene (Surr)	*92*		*61 - 120*		*07/22/15 13:19*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/22/15 13:19*	*1*
Dibromofluoromethane (Surr)	*94*		*79 - 120*		*07/22/15 13:19*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**31**	**J**	100	25	ug/L			07/21/15 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*68*		*40 - 133*		*07/21/15 16:43*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**250**		95	39	ug/L		07/21/15 05:50	07/24/15 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*67*		*40 - 160*	*07/21/15 05:50*	*07/24/15 15:58*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.087**	**J**	1.0	0.020	ug/L		07/21/15 09:48	07/22/15 16:13	1
Arsenic	**72**	**B**	5.0	0.18	ug/L		07/21/15 09:48	07/22/15 16:13	1
Barium	**250**	**F1**	5.0	1.1	ug/L		07/21/15 09:48	07/22/15 16:13	1
Cadmium	**23**		1.0	0.061	ug/L		07/21/15 09:48	07/22/15 16:13	1
Chromium	**140**	**B**	2.0	0.20	ug/L		07/21/15 09:48	07/22/15 16:13	1
Lead	**23**	**B**	1.0	0.11	ug/L		07/21/15 09:48	07/22/15 16:13	1
Selenium	**5.4**		5.0	0.25	ug/L		07/21/15 09:48	07/22/15 16:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.090	ug/L		07/21/15 14:00	07/22/15 14:01	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-8

Date Collected: 07/15/15 14:30
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-27

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**10**		1.0	0.44	ug/L			07/28/15 17:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/28/15 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**37**		1.0	0.45	ug/L			07/28/15 17:51	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/28/15 17:51	1
1,1-Dichloroethane	**5.3**		1.0	0.30	ug/L			07/28/15 17:51	1
1,1-Dichloroethene	**18**		1.0	0.45	ug/L			07/28/15 17:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/28/15 17:51	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/28/15 17:51	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/28/15 17:51	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/28/15 17:51	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/28/15 17:51	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/28/15 17:51	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/28/15 17:51	1
2-Hexanone	ND		10	0.48	ug/L			07/28/15 17:51	1
Acetone	ND		10	0.94	ug/L			07/28/15 17:51	1
Benzene	ND		1.0	0.35	ug/L			07/28/15 17:51	1
Bromoform	ND		1.0	0.56	ug/L			07/28/15 17:51	1
Bromomethane	ND		1.0	0.44	ug/L			07/28/15 17:51	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/28/15 17:51	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/28/15 17:51	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/28/15 17:51	1
Chloroethane	ND		1.0	0.32	ug/L			07/28/15 17:51	1
Chloroform	ND		1.0	0.25	ug/L			07/28/15 17:51	1
Chloromethane	ND		1.0	0.44	ug/L			07/28/15 17:51	1
cis-1,2-Dichloroethene	**0.42**	**J**	1.0	0.26	ug/L			07/28/15 17:51	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/28/15 17:51	1
Cyclohexane	ND		1.0	0.45	ug/L			07/28/15 17:51	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/28/15 17:51	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/28/15 17:51	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/28/15 17:51	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/28/15 17:51	1
Isopropyl ether	ND		10	0.50	ug/L			07/28/15 17:51	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/28/15 17:51	1
Methyl acetate	ND		10	2.3	ug/L			07/28/15 17:51	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/28/15 17:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/28/15 17:51	1
Methyl tert-butyl ether	**0.26**	**J**	1.0	0.20	ug/L			07/28/15 17:51	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/28/15 17:51	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/28/15 17:51	1
Styrene	ND		1.0	0.45	ug/L			07/28/15 17:51	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/28/15 17:51	1
Tetrachloroethene	**0.81**	**J**	1.0	0.31	ug/L			07/28/15 17:51	1
Toluene	ND		1.0	0.23	ug/L			07/28/15 17:51	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/28/15 17:51	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/28/15 17:51	1
Trichloroethene	**7.0**		1.0	0.22	ug/L			07/28/15 17:51	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/28/15 17:51	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/28/15 17:51	1

Client Sample ID: TW-8

Lab Sample ID: 240-53332-27

Date Collected: 07/15/15 14:30

Matrix: Water

Date Received: 07/17/15 10:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/28/15 17:51	1
Xylenes, Total	ND		2.0	0.52	ug/L			07/28/15 17:51	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/28/15 17:51	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/28/15 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*78 - 125*		*07/28/15 17:51*	*1*
4-Bromofluorobenzene (Surr)	*99*		*61 - 120*		*07/28/15 17:51*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/28/15 17:51*	*1*
Dibromofluoromethane (Surr)	*101*		*79 - 120*		*07/28/15 17:51*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**57**	**J**	100	25	ug/L			07/21/15 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*69*		*40 - 133*		*07/21/15 18:36*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**590**		95	39	ug/L		07/21/15 05:50	07/24/15 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*70*		*40 - 160*	*07/21/15 05:50*	*07/24/15 17:34*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.038**	**J**	1.0	0.020	ug/L		07/21/15 09:48	07/22/15 16:34	1
Arsenic	**9.1**	**B**	5.0	0.18	ug/L		07/21/15 09:48	07/22/15 16:34	1
Barium	**160**		5.0	1.1	ug/L		07/21/15 09:48	07/22/15 16:34	1
Cadmium	**9.1**		1.0	0.061	ug/L		07/21/15 09:48	07/22/15 16:34	1
Chromium	**37**	**B**	2.0	0.20	ug/L		07/21/15 09:48	07/22/15 16:34	1
Lead	**7.1**	**B**	1.0	0.11	ug/L		07/21/15 09:48	07/22/15 16:34	1
Selenium	**1.5**	**J**	5.0	0.25	ug/L		07/21/15 09:48	07/22/15 16:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.090	ug/L		07/21/15 14:00	07/22/15 14:07	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-8D

Date Collected: 07/15/15 14:30
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-28

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**8.9**		1.3	0.55	ug/L			07/28/15 18:14	1.25
1,1,2,2-Tetrachloroethane	ND		1.3	0.28	ug/L			07/28/15 18:14	1.25
1,1,2-Trichloro-1,2,2-trifluoroethane	**28**		1.3	0.56	ug/L			07/28/15 18:14	1.25
1,1,2-Trichloroethane	ND		1.3	0.30	ug/L			07/28/15 18:14	1.25
1,1-Dichloroethane	**4.8**		1.3	0.38	ug/L			07/28/15 18:14	1.25
1,1-Dichloroethene	**15**		1.3	0.56	ug/L			07/28/15 18:14	1.25
1,2,4-Trichlorobenzene	ND		1.3	0.40	ug/L			07/28/15 18:14	1.25
1,2-Dibromo-3-Chloropropane	ND		2.5	1.0	ug/L			07/28/15 18:14	1.25
1,2-Dichlorobenzene	ND		1.3	0.31	ug/L			07/28/15 18:14	1.25
1,2-Dichloroethane	ND		1.3	0.29	ug/L			07/28/15 18:14	1.25
1,2-Dichloropropane	ND		1.3	0.31	ug/L			07/28/15 18:14	1.25
1,3-Dichlorobenzene	ND		1.3	0.24	ug/L			07/28/15 18:14	1.25
1,4-Dichlorobenzene	ND		1.3	0.34	ug/L			07/28/15 18:14	1.25
2-Hexanone	ND		13	0.60	ug/L			07/28/15 18:14	1.25
Acetone	ND		13	1.2	ug/L			07/28/15 18:14	1.25
Benzene	ND		1.3	0.44	ug/L			07/28/15 18:14	1.25
Bromoform	ND		1.3	0.70	ug/L			07/28/15 18:14	1.25
Bromomethane	ND		1.3	0.55	ug/L			07/28/15 18:14	1.25
Carbon disulfide	ND		1.3	0.48	ug/L			07/28/15 18:14	1.25
Carbon tetrachloride	ND		1.3	0.54	ug/L			07/28/15 18:14	1.25
Chlorobenzene	ND		1.3	0.31	ug/L			07/28/15 18:14	1.25
Chloroethane	ND		1.3	0.40	ug/L			07/28/15 18:14	1.25
Chloroform	ND		1.3	0.31	ug/L			07/28/15 18:14	1.25
Chloromethane	ND		1.3	0.55	ug/L			07/28/15 18:14	1.25
cis-1,2-Dichloroethene	**0.44**	**J**	1.3	0.33	ug/L			07/28/15 18:14	1.25
cis-1,3-Dichloropropene	ND		1.3	0.58	ug/L			07/28/15 18:14	1.25
Cyclohexane	ND		1.3	0.56	ug/L			07/28/15 18:14	1.25
Dichlorobromomethane	ND		1.3	0.36	ug/L			07/28/15 18:14	1.25
Dichlorodifluoromethane	ND		1.3	0.40	ug/L			07/28/15 18:14	1.25
Ethylbenzene	ND		1.3	0.31	ug/L			07/28/15 18:14	1.25
Ethylene Dibromide	ND		1.3	0.40	ug/L			07/28/15 18:14	1.25
Isopropyl ether	ND		13	0.63	ug/L			07/28/15 18:14	1.25
Isopropylbenzene	ND		1.3	0.44	ug/L			07/28/15 18:14	1.25
Methyl acetate	ND		13	2.8	ug/L			07/28/15 18:14	1.25
2-Butanone (MEK)	ND		13	0.66	ug/L			07/28/15 18:14	1.25
4-Methyl-2-pentanone (MIBK)	ND		13	1.2	ug/L			07/28/15 18:14	1.25
Methyl tert-butyl ether	**0.26**	**J**	1.3	0.25	ug/L			07/28/15 18:14	1.25
Tert-amyl methyl ether	ND		6.3	0.38	ug/L			07/28/15 18:14	1.25
Methylene Chloride	ND		1.3	0.41	ug/L			07/28/15 18:14	1.25
Styrene	ND		1.3	0.56	ug/L			07/28/15 18:14	1.25
Tert-butyl ethyl ether	ND		6.3	0.29	ug/L			07/28/15 18:14	1.25
Tetrachloroethene	**0.70**	**J**	1.3	0.39	ug/L			07/28/15 18:14	1.25
Toluene	ND		1.3	0.29	ug/L			07/28/15 18:14	1.25
trans-1,2-Dichloroethene	ND		1.3	0.38	ug/L			07/28/15 18:14	1.25
trans-1,3-Dichloropropene	ND		1.3	0.70	ug/L			07/28/15 18:14	1.25
Trichloroethene	**6.0**		1.3	0.28	ug/L			07/28/15 18:14	1.25
Trichlorofluoromethane	ND		1.3	0.61	ug/L			07/28/15 18:14	1.25
Vinyl chloride	ND		1.3	0.36	ug/L			07/28/15 18:14	1.25

Client Sample ID: TW-8D

Lab Sample ID: 240-53332-28

Date Collected: 07/15/15 14:30

Matrix: Water

Date Received: 07/17/15 10:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methyl-2-propanol	ND		63	6.1	ug/L			07/28/15 18:14	1.25
Xylenes, Total	ND		2.5	0.65	ug/L			07/28/15 18:14	1.25
Methylcyclohexane	ND		1.3	0.54	ug/L			07/28/15 18:14	1.25
Chlorodibromomethane	ND		1.3	0.54	ug/L			07/28/15 18:14	1.25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*78 - 125*		*07/28/15 18:14*	*1.25*
4-Bromofluorobenzene (Surr)	*98*		*61 - 120*		*07/28/15 18:14*	*1.25*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/28/15 18:14*	*1.25*
Dibromofluoromethane (Surr)	*98*		*79 - 120*		*07/28/15 18:14*	*1.25*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**37**	**J**	100	25	ug/L			07/21/15 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*67*		*40 - 133*		*07/21/15 19:14*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**61**	**J**	97	40	ug/L		07/21/15 05:50	07/23/15 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*75*		*40 - 160*	*07/21/15 05:50*	*07/23/15 21:32*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.032**	**J**	1.0	0.020	ug/L		07/21/15 09:48	07/22/15 16:38	1
Arsenic	**9.5**	**B**	5.0	0.18	ug/L		07/21/15 09:48	07/22/15 16:38	1
Barium	**170**		5.0	1.1	ug/L		07/21/15 09:48	07/22/15 16:38	1
Cadmium	**9.2**		1.0	0.061	ug/L		07/21/15 09:48	07/22/15 16:38	1
Chromium	**40**	**B**	2.0	0.20	ug/L		07/21/15 09:48	07/22/15 16:38	1
Lead	**7.8**	**B**	1.0	0.11	ug/L		07/21/15 09:48	07/22/15 16:38	1
Selenium	**1.6**	**J**	5.0	0.25	ug/L		07/21/15 09:48	07/22/15 16:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.090	ug/L		07/21/15 14:00	07/22/15 14:22	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-6

Date Collected: 07/15/15 15:40
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-29

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.44	ug/L			07/22/15 17:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/22/15 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.0**		1.0	0.45	ug/L			07/22/15 17:51	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/22/15 17:51	1
1,1-Dichloroethane	**0.91**	**J**	1.0	0.30	ug/L			07/22/15 17:51	1
1,1-Dichloroethene	**2.1**		1.0	0.45	ug/L			07/22/15 17:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/22/15 17:51	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/22/15 17:51	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/22/15 17:51	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/22/15 17:51	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/22/15 17:51	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/22/15 17:51	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/22/15 17:51	1
2-Hexanone	ND		10	0.48	ug/L			07/22/15 17:51	1
Acetone	ND		10	0.94	ug/L			07/22/15 17:51	1
Benzene	ND		1.0	0.35	ug/L			07/22/15 17:51	1
Bromoform	ND		1.0	0.56	ug/L			07/22/15 17:51	1
Bromomethane	ND		1.0	0.44	ug/L			07/22/15 17:51	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/22/15 17:51	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/22/15 17:51	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/22/15 17:51	1
Chloroethane	ND		1.0	0.32	ug/L			07/22/15 17:51	1
Chloroform	ND		1.0	0.25	ug/L			07/22/15 17:51	1
Chloromethane	ND		1.0	0.44	ug/L			07/22/15 17:51	1
cis-1,2-Dichloroethene	**0.67**	**J**	1.0	0.26	ug/L			07/22/15 17:51	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/22/15 17:51	1
Cyclohexane	ND		1.0	0.45	ug/L			07/22/15 17:51	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/22/15 17:51	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/22/15 17:51	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/22/15 17:51	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/22/15 17:51	1
Isopropyl ether	ND		10	0.50	ug/L			07/22/15 17:51	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/22/15 17:51	1
Methyl acetate	ND		10	2.3	ug/L			07/22/15 17:51	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/22/15 17:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/22/15 17:51	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/22/15 17:51	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/22/15 17:51	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/22/15 17:51	1
Styrene	ND		1.0	0.45	ug/L			07/22/15 17:51	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/22/15 17:51	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/22/15 17:51	1
Toluene	ND		1.0	0.23	ug/L			07/22/15 17:51	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/22/15 17:51	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/22/15 17:51	1
Trichloroethene	**4.0**		1.0	0.22	ug/L			07/22/15 17:51	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/22/15 17:51	1
Vinyl chloride	**0.80**	**J**	1.0	0.29	ug/L			07/22/15 17:51	1

Client Sample ID: TW-6

Lab Sample ID: 240-53332-29

Date Collected: 07/15/15 15:40
Matrix: Water
Date Received: 07/17/15 10:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/22/15 17:51	1
Xylenes, Total	ND		2.0	0.52	ug/L			07/22/15 17:51	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/22/15 17:51	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/22/15 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*78 - 125*		*07/22/15 17:51*	*1*
4-Bromofluorobenzene (Surr)	*87*		*61 - 120*		*07/22/15 17:51*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/22/15 17:51*	*1*
Dibromofluoromethane (Surr)	*95*		*79 - 120*		*07/22/15 17:51*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**34**	**J**	100	25	ug/L			07/21/15 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*40 - 133*		*07/21/15 19:52*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**100**		95	39	ug/L		07/21/15 05:50	07/24/15 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*55*		*40 - 160*	*07/21/15 05:50*	*07/24/15 18:05*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.038**	**J**	1.0	0.020	ug/L		07/21/15 09:48	07/22/15 16:41	1
Arsenic	**5.0**	**B**	5.0	0.18	ug/L		07/21/15 09:48	07/22/15 16:41	1
Barium	**160**		5.0	1.1	ug/L		07/21/15 09:48	07/22/15 16:41	1
Cadmium	**8.3**		1.0	0.061	ug/L		07/21/15 09:48	07/22/15 16:41	1
Chromium	**7.8**	**B**	2.0	0.20	ug/L		07/21/15 09:48	07/22/15 16:41	1
Lead	**0.92**	**J B**	1.0	0.11	ug/L		07/21/15 09:48	07/22/15 16:41	1
Selenium	**0.55**	**J**	5.0	0.25	ug/L		07/21/15 09:48	07/22/15 16:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.090	ug/L		07/21/15 14:00	07/22/15 14:24	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-1

Date Collected: 07/16/15 10:25
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-30

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.44	ug/L			07/22/15 18:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/22/15 18:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.1**		1.0	0.45	ug/L			07/22/15 18:13	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/22/15 18:13	1
1,1-Dichloroethane	**0.30**	**J**	1.0	0.30	ug/L			07/22/15 18:13	1
1,1-Dichloroethene	**0.73**	**J**	1.0	0.45	ug/L			07/22/15 18:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/22/15 18:13	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/22/15 18:13	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/22/15 18:13	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/22/15 18:13	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/22/15 18:13	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/22/15 18:13	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/22/15 18:13	1
2-Hexanone	ND		10	0.48	ug/L			07/22/15 18:13	1
Acetone	ND		10	0.94	ug/L			07/22/15 18:13	1
Benzene	ND		1.0	0.35	ug/L			07/22/15 18:13	1
Bromoform	ND		1.0	0.56	ug/L			07/22/15 18:13	1
Bromomethane	ND		1.0	0.44	ug/L			07/22/15 18:13	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/22/15 18:13	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/22/15 18:13	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/22/15 18:13	1
Chloroethane	ND		1.0	0.32	ug/L			07/22/15 18:13	1
Chloroform	**0.32**	**J**	1.0	0.25	ug/L			07/22/15 18:13	1
Chloromethane	ND		1.0	0.44	ug/L			07/22/15 18:13	1
cis-1,2-Dichloroethene	**3.7**		1.0	0.26	ug/L			07/22/15 18:13	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/22/15 18:13	1
Cyclohexane	ND		1.0	0.45	ug/L			07/22/15 18:13	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/22/15 18:13	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/22/15 18:13	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/22/15 18:13	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/22/15 18:13	1
Isopropyl ether	ND		10	0.50	ug/L			07/22/15 18:13	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/22/15 18:13	1
Methyl acetate	ND		10	2.3	ug/L			07/22/15 18:13	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/22/15 18:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/22/15 18:13	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/22/15 18:13	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/22/15 18:13	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/22/15 18:13	1
Styrene	ND		1.0	0.45	ug/L			07/22/15 18:13	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/22/15 18:13	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/22/15 18:13	1
Toluene	ND		1.0	0.23	ug/L			07/22/15 18:13	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/22/15 18:13	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/22/15 18:13	1
Trichloroethene	**9.7**		1.0	0.22	ug/L			07/22/15 18:13	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/22/15 18:13	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/22/15 18:13	1

Client Sample ID: TW-1

Lab Sample ID: 240-53332-30

Date Collected: 07/16/15 10:25
Matrix: Water
Date Received: 07/17/15 10:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/22/15 18:13	1
Xylenes, Total	ND		2.0	0.52	ug/L			07/22/15 18:13	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/22/15 18:13	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/22/15 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*78 - 125*		*07/22/15 18:13*	*1*
4-Bromofluorobenzene (Surr)	*89*		*61 - 120*		*07/22/15 18:13*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/22/15 18:13*	*1*
Dibromofluoromethane (Surr)	*91*		*79 - 120*		*07/22/15 18:13*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**40**	**J**	100	25	ug/L			07/21/15 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*40 - 133*		*07/21/15 21:06*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**87**	**J**	100	41	ug/L		07/21/15 05:50	07/23/15 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*95*		*40 - 160*	*07/21/15 05:50*	*07/23/15 22:35*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.036**	**J**	1.0	0.020	ug/L		07/21/15 09:48	07/22/15 16:45	1
Arsenic	**5.6**	**B**	5.0	0.18	ug/L		07/21/15 09:48	07/22/15 16:45	1
Barium	**150**		5.0	1.1	ug/L		07/21/15 09:48	07/22/15 16:45	1
Cadmium	**2.7**		1.0	0.061	ug/L		07/21/15 09:48	07/22/15 16:45	1
Chromium	**19**	**B**	2.0	0.20	ug/L		07/21/15 09:48	07/22/15 16:45	1
Lead	**5.0**	**B**	1.0	0.11	ug/L		07/21/15 09:48	07/22/15 16:45	1
Selenium	**5.0**		5.0	0.25	ug/L		07/21/15 09:48	07/22/15 16:45	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**	**J**	0.20	0.090	ug/L		07/21/15 14:00	07/22/15 14:29	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-12

Date Collected: 07/16/15 12:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-31

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**110**		10	4.4	ug/L			07/28/15 18:37	10
1,1,2,2-Tetrachloroethane	ND		10	2.2	ug/L			07/28/15 18:37	10
1,1,2-Trichloro-1,2,2-trifluoroethane	**240**		10	4.5	ug/L			07/28/15 18:37	10
1,1,2-Trichloroethane	ND		10	2.4	ug/L			07/28/15 18:37	10
1,1-Dichloroethane	**3.2**	**J**	10	3.0	ug/L			07/28/15 18:37	10
1,1-Dichloroethene	**83**		10	4.5	ug/L			07/28/15 18:37	10
1,2,4-Trichlorobenzene	ND		10	3.2	ug/L			07/28/15 18:37	10
1,2-Dibromo-3-Chloropropane	ND		20	8.2	ug/L			07/28/15 18:37	10
1,2-Dichlorobenzene	ND		10	2.5	ug/L			07/28/15 18:37	10
1,2-Dichloroethane	ND		10	2.3	ug/L			07/28/15 18:37	10
1,2-Dichloropropane	ND		10	2.5	ug/L			07/28/15 18:37	10
1,3-Dichlorobenzene	ND		10	1.9	ug/L			07/28/15 18:37	10
1,4-Dichlorobenzene	ND		10	2.7	ug/L			07/28/15 18:37	10
2-Hexanone	ND		100	4.8	ug/L			07/28/15 18:37	10
Acetone	ND		100	9.4	ug/L			07/28/15 18:37	10
Benzene	ND		10	3.5	ug/L			07/28/15 18:37	10
Bromoform	ND		10	5.6	ug/L			07/28/15 18:37	10
Bromomethane	ND		10	4.4	ug/L			07/28/15 18:37	10
Carbon disulfide	ND		10	3.8	ug/L			07/28/15 18:37	10
Carbon tetrachloride	ND		10	4.3	ug/L			07/28/15 18:37	10
Chlorobenzene	ND		10	2.5	ug/L			07/28/15 18:37	10
Chloroethane	ND		10	3.2	ug/L			07/28/15 18:37	10
Chloroform	ND		10	2.5	ug/L			07/28/15 18:37	10
Chloromethane	ND		10	4.4	ug/L			07/28/15 18:37	10
cis-1,2-Dichloroethene	ND		10	2.6	ug/L			07/28/15 18:37	10
cis-1,3-Dichloropropene	ND		10	4.6	ug/L			07/28/15 18:37	10
Cyclohexane	ND		10	4.5	ug/L			07/28/15 18:37	10
Dichlorobromomethane	ND		10	2.9	ug/L			07/28/15 18:37	10
Dichlorodifluoromethane	ND		10	3.2	ug/L			07/28/15 18:37	10
Ethylbenzene	ND		10	2.5	ug/L			07/28/15 18:37	10
Ethylene Dibromide	ND		10	3.2	ug/L			07/28/15 18:37	10
Isopropyl ether	ND		100	5.0	ug/L			07/28/15 18:37	10
Isopropylbenzene	ND		10	3.5	ug/L			07/28/15 18:37	10
Methyl acetate	ND		100	23	ug/L			07/28/15 18:37	10
2-Butanone (MEK)	ND		100	5.3	ug/L			07/28/15 18:37	10
4-Methyl-2-pentanone (MIBK)	ND		100	9.9	ug/L			07/28/15 18:37	10
Methyl tert-butyl ether	**3.3**	**J**	10	2.0	ug/L			07/28/15 18:37	10
Tert-amyl methyl ether	ND		50	3.0	ug/L			07/28/15 18:37	10
Methylene Chloride	ND		10	3.3	ug/L			07/28/15 18:37	10
Styrene	ND		10	4.5	ug/L			07/28/15 18:37	10
Tert-butyl ethyl ether	ND		50	2.3	ug/L			07/28/15 18:37	10
Tetrachloroethene	**4.0**	**J**	10	3.1	ug/L			07/28/15 18:37	10
Toluene	**7.6**	**J**	10	2.3	ug/L			07/28/15 18:37	10
trans-1,2-Dichloroethene	ND		10	3.0	ug/L			07/28/15 18:37	10
trans-1,3-Dichloropropene	ND		10	5.6	ug/L			07/28/15 18:37	10
Trichloroethene	**9.5**	**J**	10	2.2	ug/L			07/28/15 18:37	10
Trichlorofluoromethane	ND		10	4.9	ug/L			07/28/15 18:37	10
Vinyl chloride	ND		10	2.9	ug/L			07/28/15 18:37	10

Client Sample ID: TW-12

Lab Sample ID: 240-53332-31

Date Collected: 07/16/15 12:00

Matrix: Water

Date Received: 07/17/15 10:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methyl-2-propanol	ND		500	49	ug/L			07/28/15 18:37	10
Xylenes, Total	ND		20	5.2	ug/L			07/28/15 18:37	10
Methylcyclohexane	ND		10	4.3	ug/L			07/28/15 18:37	10
Chlorodibromomethane	ND		10	4.3	ug/L			07/28/15 18:37	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*78 - 125*		*07/28/15 18:37*	*10*
4-Bromofluorobenzene (Surr)	*97*		*61 - 120*		*07/28/15 18:37*	*10*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/28/15 18:37*	*10*
Dibromofluoromethane (Surr)	*96*		*79 - 120*		*07/28/15 18:37*	*10*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**78**	**J**	100	25	ug/L			07/21/15 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*72*		*40 - 133*		*07/21/15 21:42*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**92**	**J**	95	39	ug/L		07/21/15 05:50	07/23/15 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*96*		*40 - 160*	*07/21/15 05:50*	*07/23/15 23:07*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.029**	**J**	1.0	0.020	ug/L		07/21/15 09:48	07/22/15 16:56	1
Arsenic	**7.6**	**B**	5.0	0.18	ug/L		07/21/15 09:48	07/22/15 16:56	1
Barium	**200**		5.0	1.1	ug/L		07/21/15 09:48	07/22/15 16:56	1
Cadmium	**1.6**		1.0	0.061	ug/L		07/21/15 09:48	07/22/15 16:56	1
Chromium	**41**	**B**	2.0	0.20	ug/L		07/21/15 09:48	07/22/15 16:56	1
Lead	**9.6**	**B**	1.0	0.11	ug/L		07/21/15 09:48	07/22/15 16:56	1
Selenium	**3.4**	**J**	5.0	0.25	ug/L		07/21/15 09:48	07/22/15 16:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.096**	**J**	0.20	0.090	ug/L		07/21/15 14:00	07/22/15 14:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: EB-1GW

Date Collected: 07/16/15 09:30
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-32

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*	1.0	0.44	ug/L			07/20/15 15:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/20/15 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.45	ug/L			07/20/15 15:52	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/20/15 15:52	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/20/15 15:52	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			07/20/15 15:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/20/15 15:52	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/20/15 15:52	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/20/15 15:52	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/20/15 15:52	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/20/15 15:52	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/20/15 15:52	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/20/15 15:52	1
2-Hexanone	ND		10	0.48	ug/L			07/20/15 15:52	1
Acetone	**0.97**	**J**	10	0.94	ug/L			07/20/15 15:52	1
Benzene	ND		1.0	0.35	ug/L			07/20/15 15:52	1
Bromoform	ND		1.0	0.56	ug/L			07/20/15 15:52	1
Bromomethane	ND	*	1.0	0.44	ug/L			07/20/15 15:52	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/20/15 15:52	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/20/15 15:52	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/20/15 15:52	1
Chloroethane	ND		1.0	0.32	ug/L			07/20/15 15:52	1
Chloroform	ND		1.0	0.25	ug/L			07/20/15 15:52	1
Chloromethane	ND		1.0	0.44	ug/L			07/20/15 15:52	1
cis-1,2-Dichloroethene	ND		1.0	0.26	ug/L			07/20/15 15:52	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/20/15 15:52	1
Cyclohexane	ND		1.0	0.45	ug/L			07/20/15 15:52	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/20/15 15:52	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/20/15 15:52	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/20/15 15:52	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/20/15 15:52	1
Isopropyl ether	ND		10	0.50	ug/L			07/20/15 15:52	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/20/15 15:52	1
Methyl acetate	ND		10	2.3	ug/L			07/20/15 15:52	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/20/15 15:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/20/15 15:52	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/20/15 15:52	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/20/15 15:52	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/20/15 15:52	1
Styrene	ND		1.0	0.45	ug/L			07/20/15 15:52	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/20/15 15:52	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/20/15 15:52	1
Toluene	ND		1.0	0.23	ug/L			07/20/15 15:52	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/20/15 15:52	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/20/15 15:52	1
Trichloroethene	ND		1.0	0.22	ug/L			07/20/15 15:52	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/20/15 15:52	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/20/15 15:52	1
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/20/15 15:52	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: EB-1GW

Lab Sample ID: 240-53332-32

Date Collected: 07/16/15 09:30
Matrix: Water
Date Received: 07/17/15 10:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.52	ug/L			07/20/15 15:52	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/20/15 15:52	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/20/15 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*78 - 125*		*07/20/15 15:52*	*1*
4-Bromofluorobenzene (Surr)	*84*		*61 - 120*		*07/20/15 15:52*	*1*
Toluene-d8 (Surr)	*84*		*80 - 120*		*07/20/15 15:52*	*1*
Dibromofluoromethane (Surr)	*112*		*79 - 120*		*07/20/15 15:52*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100	25	ug/L			07/21/15 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*40 - 133*		*07/21/15 22:21*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		110	43	ug/L		07/21/15 05:50	07/23/15 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*81*		*40 - 160*	*07/21/15 05:50*	*07/23/15 23:39*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.0	0.020	ug/L		07/21/15 09:48	07/22/15 17:00	1
Arsenic	**0.18**	**J B**	5.0	0.18	ug/L		07/21/15 09:48	07/22/15 17:00	1
Barium	ND		5.0	1.1	ug/L		07/21/15 09:48	07/22/15 17:00	1
Cadmium	ND		1.0	0.061	ug/L		07/21/15 09:48	07/22/15 17:00	1
Chromium	**1.5**	**J B**	2.0	0.20	ug/L		07/21/15 09:48	07/22/15 17:00	1
Lead	ND		1.0	0.11	ug/L		07/21/15 09:48	07/22/15 17:00	1
Selenium	ND		5.0	0.25	ug/L		07/21/15 09:48	07/22/15 17:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.090	ug/L		07/21/15 14:00	07/22/15 14:13	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: EB-1S

Date Collected: 07/16/15 09:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-33

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*	1.0	0.44	ug/L			07/20/15 16:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/20/15 16:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.45	ug/L			07/20/15 16:14	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/20/15 16:14	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/20/15 16:14	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			07/20/15 16:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/20/15 16:14	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/20/15 16:14	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/20/15 16:14	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/20/15 16:14	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/20/15 16:14	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/20/15 16:14	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/20/15 16:14	1
2-Hexanone	ND		10	0.48	ug/L			07/20/15 16:14	1
Acetone	ND		10	0.94	ug/L			07/20/15 16:14	1
Benzene	ND		1.0	0.35	ug/L			07/20/15 16:14	1
Bromoform	ND		1.0	0.56	ug/L			07/20/15 16:14	1
Bromomethane	ND	*	1.0	0.44	ug/L			07/20/15 16:14	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/20/15 16:14	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/20/15 16:14	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/20/15 16:14	1
Chloroethane	ND		1.0	0.32	ug/L			07/20/15 16:14	1
Chloroform	ND		1.0	0.25	ug/L			07/20/15 16:14	1
Chloromethane	ND		1.0	0.44	ug/L			07/20/15 16:14	1
cis-1,2-Dichloroethene	ND		1.0	0.26	ug/L			07/20/15 16:14	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/20/15 16:14	1
Cyclohexane	ND		1.0	0.45	ug/L			07/20/15 16:14	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/20/15 16:14	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/20/15 16:14	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/20/15 16:14	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/20/15 16:14	1
Isopropyl ether	ND		10	0.50	ug/L			07/20/15 16:14	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/20/15 16:14	1
Methyl acetate	ND		10	2.3	ug/L			07/20/15 16:14	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/20/15 16:14	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/20/15 16:14	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/20/15 16:14	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/20/15 16:14	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/20/15 16:14	1
Styrene	ND		1.0	0.45	ug/L			07/20/15 16:14	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/20/15 16:14	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/20/15 16:14	1
Toluene	ND		1.0	0.23	ug/L			07/20/15 16:14	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/20/15 16:14	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/20/15 16:14	1
Trichloroethene	ND		1.0	0.22	ug/L			07/20/15 16:14	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/20/15 16:14	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/20/15 16:14	1
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/20/15 16:14	1

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: EB-1S

Date Collected: 07/16/15 09:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-33
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.52	ug/L			07/20/15 16:14	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/20/15 16:14	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/20/15 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*78 - 125*		*07/20/15 16:14*	*1*
4-Bromofluorobenzene (Surr)	*84*		*61 - 120*		*07/20/15 16:14*	*1*
Toluene-d8 (Surr)	*82*		*80 - 120*		*07/20/15 16:14*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 120*		*07/20/15 16:14*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.93	0.11	ug/L		07/23/15 08:25	07/29/15 10:33	1
2,4,6-Trichlorophenol	ND		4.6	0.24	ug/L		07/23/15 08:25	07/29/15 10:33	1
2,4,5-Trichlorophenol	ND		4.6	0.34	ug/L		07/23/15 08:25	07/29/15 10:33	1
2,4-Dichlorophenol	ND		1.9	0.27	ug/L		07/23/15 08:25	07/29/15 10:33	1
2,4-Dimethylphenol	ND		1.9	0.29	ug/L		07/23/15 08:25	07/29/15 10:33	1
2,4-Dinitrophenol	ND		37	5.7	ug/L		07/23/15 08:25	07/29/15 10:33	1
2,4-Dinitrotoluene	ND		4.6	0.24	ug/L		07/23/15 08:25	07/29/15 10:33	1
2-Chloronaphthalene	ND		0.93	0.11	ug/L		07/23/15 08:25	07/29/15 10:33	1
2-Chlorophenol	ND		0.93	0.12	ug/L		07/23/15 08:25	07/29/15 10:33	1
2-Methylnaphthalene	ND		0.19	0.034	ug/L		07/23/15 08:25	07/29/15 10:33	1
2-Methylphenol	ND		0.93	0.17	ug/L		07/23/15 08:25	07/29/15 10:33	1
2-Nitroaniline	ND		1.9	0.29	ug/L		07/23/15 08:25	07/29/15 10:33	1
2-Nitrophenol	ND		1.9	0.19	ug/L		07/23/15 08:25	07/29/15 10:33	1
3 & 4 Methylphenol	ND		1.9	0.31	ug/L		07/23/15 08:25	07/29/15 10:33	1
3,3'-Dichlorobenzidine	ND		4.6	0.33	ug/L		07/23/15 08:25	07/29/15 10:33	1
3-Nitroaniline	ND		1.9	0.25	ug/L		07/23/15 08:25	07/29/15 10:33	1
4,6-Dinitro-2-methylphenol	ND		4.6	0.49	ug/L		07/23/15 08:25	07/29/15 10:33	1
4-Bromophenyl phenyl ether	ND		1.9	0.32	ug/L		07/23/15 08:25	07/29/15 10:33	1
4-Chloro-3-methylphenol	ND		1.9	0.26	ug/L		07/23/15 08:25	07/29/15 10:33	1
4-Chloroaniline	ND		1.9	0.14	ug/L		07/23/15 08:25	07/29/15 10:33	1
4-Chlorophenyl phenyl ether	ND		1.9	0.27	ug/L		07/23/15 08:25	07/29/15 10:33	1
4-Nitroaniline	ND		1.9	0.22	ug/L		07/23/15 08:25	07/29/15 10:33	1
Acenaphthene	ND		0.19	0.041	ug/L		07/23/15 08:25	07/29/15 10:33	1
Acenaphthylene	ND		0.19	0.019	ug/L		07/23/15 08:25	07/29/15 10:33	1
Acetophenone	ND		0.93	0.13	ug/L		07/23/15 08:25	07/29/15 10:33	1
Anthracene	ND		0.19	0.029	ug/L		07/23/15 08:25	07/29/15 10:33	1
Atrazine	ND		0.93	0.11	ug/L		07/23/15 08:25	07/29/15 10:33	1
Benzaldehyde	ND		0.93	0.27	ug/L		07/23/15 08:25	07/29/15 10:33	1
Benzo[a]anthracene	ND		0.19	0.055	ug/L		07/23/15 08:25	07/29/15 10:33	1
Benzo[a]pyrene	ND		0.19	0.028	ug/L		07/23/15 08:25	07/29/15 10:33	1
Benzo[b]fluoranthene	ND		0.19	0.055	ug/L		07/23/15 08:25	07/29/15 10:33	1
Benzo[g,h,i]perylene	ND		0.19	0.046	ug/L		07/23/15 08:25	07/29/15 10:33	1
Benzo[k]fluoranthene	ND		0.19	0.044	ug/L		07/23/15 08:25	07/29/15 10:33	1
Bis(2-chloroethoxy)methane	ND		0.93	0.034	ug/L		07/23/15 08:25	07/29/15 10:33	1
Bis(2-chloroethyl)ether	ND		0.93	0.18	ug/L		07/23/15 08:25	07/29/15 10:33	1
Bis(2-ethylhexyl) phthalate	ND		1.9	1.4	ug/L		07/23/15 08:25	07/29/15 10:33	1
Butyl benzyl phthalate	ND		0.93	0.20	ug/L		07/23/15 08:25	07/29/15 10:33	1
Caprolactam	ND		4.6	0.34	ug/L		07/23/15 08:25	07/29/15 10:33	1

Client Sample ID: EB-1S

Lab Sample ID: 240-53332-33

Date Collected: 07/16/15 09:00

Matrix: Water

Date Received: 07/17/15 10:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	ND		0.93	0.097	ug/L		07/23/15 08:25	07/29/15 10:33	1
Chrysene	ND		0.19	0.032	ug/L		07/23/15 08:25	07/29/15 10:33	1
Di-n-butyl phthalate	**0.76**	**J B**	0.93	0.37	ug/L		07/23/15 08:25	07/29/15 10:33	1
Di-n-octyl phthalate	ND		0.93	0.34	ug/L		07/23/15 08:25	07/29/15 10:33	1
Dibenz(a,h)anthracene	ND		0.19	0.037	ug/L		07/23/15 08:25	07/29/15 10:33	1
Dibenzofuran	ND		0.93	0.13	ug/L		07/23/15 08:25	07/29/15 10:33	1
Diethyl phthalate	ND		0.93	0.12	ug/L		07/23/15 08:25	07/29/15 10:33	1
Dimethyl phthalate	ND		0.93	0.094	ug/L		07/23/15 08:25	07/29/15 10:33	1
Fluoranthene	ND		0.19	0.025	ug/L		07/23/15 08:25	07/29/15 10:33	1
Fluorene	ND		0.19	0.031	ug/L		07/23/15 08:25	07/29/15 10:33	1
Hexachlorobenzene	ND		0.93	0.11	ug/L		07/23/15 08:25	07/29/15 10:33	1
Hexachlorobutadiene	ND		0.93	0.13	ug/L		07/23/15 08:25	07/29/15 10:33	1
Hexachlorocyclopentadiene	ND		9.3	2.3	ug/L		07/23/15 08:25	07/29/15 10:33	1
Hexachloroethane	ND		0.93	0.20	ug/L		07/23/15 08:25	07/29/15 10:33	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.044	ug/L		07/23/15 08:25	07/29/15 10:33	1
Isophorone	ND		0.93	0.039	ug/L		07/23/15 08:25	07/29/15 10:33	1
N-Nitrosodi-n-propylamine	ND		0.93	0.15	ug/L		07/23/15 08:25	07/29/15 10:33	1
N-Nitrosodiphenylamine	ND		0.93	0.10	ug/L		07/23/15 08:25	07/29/15 10:33	1
Naphthalene	ND		0.19	0.040	ug/L		07/23/15 08:25	07/29/15 10:33	1
Nitrobenzene	ND		0.93	0.11	ug/L		07/23/15 08:25	07/29/15 10:33	1
Pentachlorophenol	ND		37	5.1	ug/L		07/23/15 08:25	07/29/15 10:33	1
Phenanthrene	ND		0.19	0.029	ug/L		07/23/15 08:25	07/29/15 10:33	1
Phenol	ND	*	0.93	0.14	ug/L		07/23/15 08:25	07/29/15 10:33	1
Pyrene	ND		0.19	0.026	ug/L		07/23/15 08:25	07/29/15 10:33	1
bis (2-chloroisopropyl) ether	ND		0.93	0.17	ug/L		07/23/15 08:25	07/29/15 10:33	1
2,6-Dinitrotoluene	ND		4.6	0.22	ug/L		07/23/15 08:25	07/29/15 10:33	1
4-Nitrophenol	ND		4.6	0.54	ug/L		07/23/15 08:25	07/29/15 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*31 - 115*	*07/23/15 08:25*	*07/29/15 10:33*	*1*
Phenol-d5 (Surr)	*29*		*10 - 110*	*07/23/15 08:25*	*07/29/15 10:33*	*1*
Nitrobenzene-d5 (Surr)	*53*		*31 - 110*	*07/23/15 08:25*	*07/29/15 10:33*	*1*
2-Fluorophenol (Surr)	*41*		*15 - 110*	*07/23/15 08:25*	*07/29/15 10:33*	*1*
2-Fluorobiphenyl (Surr)	*60*		*29 - 110*	*07/23/15 08:25*	*07/29/15 10:33*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*21 - 128*	*07/23/15 08:25*	*07/29/15 10:33*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**36**	**J**	100	25	ug/L			07/21/15 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*40 - 133*		*07/21/15 22:57*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		100	43	ug/L		07/21/15 05:50	07/24/15 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*71*		*40 - 160*	*07/21/15 05:50*	*07/24/15 00:10*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: EB-1S

Date Collected: 07/16/15 09:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-33

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.43	0.37	ug/L		07/25/15 09:44	07/27/15 14:40	1
Aroclor-1221	ND		0.43	0.29	ug/L		07/25/15 09:44	07/27/15 14:40	1
Aroclor-1232	ND		0.43	0.34	ug/L		07/25/15 09:44	07/27/15 14:40	1
Aroclor-1242	ND		0.43	0.19	ug/L		07/25/15 09:44	07/27/15 14:40	1
Aroclor-1248	ND		0.43	0.13	ug/L		07/25/15 09:44	07/27/15 14:40	1
Aroclor-1254	ND		0.43	0.15	ug/L		07/25/15 09:44	07/27/15 14:40	1
Aroclor-1260	ND		0.43	0.16	ug/L		07/25/15 09:44	07/27/15 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*10 - 150*	*07/25/15 09:44*	*07/27/15 14:40*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*10 - 150*	*07/25/15 09:44*	*07/27/15 14:40*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.0	0.020	ug/L		07/21/15 09:48	07/22/15 17:03	1
Arsenic	**0.21**	**J B**	5.0	0.18	ug/L		07/21/15 09:48	07/22/15 17:03	1
Barium	ND		5.0	1.1	ug/L		07/21/15 09:48	07/22/15 17:03	1
Cadmium	ND		1.0	0.061	ug/L		07/21/15 09:48	07/22/15 17:03	1
Chromium	**2.6**	**B**	2.0	0.20	ug/L		07/21/15 09:48	07/22/15 17:03	1
Lead	ND		1.0	0.11	ug/L		07/21/15 09:48	07/22/15 17:03	1
Selenium	ND		5.0	0.25	ug/L		07/21/15 09:48	07/22/15 17:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.090	ug/L		07/21/15 14:00	07/22/15 14:15	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10AS

Date Collected: 07/16/15 11:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-34

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86		0.10	0.10	%			07/18/15 10:09	1
Percent Moisture	14		0.10	0.10	%			07/18/15 10:09	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10AS

Date Collected: 07/16/15 11:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-34

Matrix: Solid
Percent Solids: 86.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.26	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2	0.36	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,1,2-Trichloroethane	ND		4.2	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,1-Dichloroethane	ND		4.2	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,1-Dichloroethene	ND		4.2	0.68	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,2,4-Trichlorobenzene	ND		4.2	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,2-Dibromo-3-Chloropropane	ND		8.5	2.3	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,2-Dichlorobenzene	ND		4.2	0.29	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,2-Dichloroethane	ND		4.2	0.39	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,2-Dichloropropane	ND		4.2	0.12	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,3-Dichlorobenzene	ND		4.2	0.58	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
1,4-Dichlorobenzene	ND		4.2	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
2-Hexanone	ND		17	0.58	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Acetone	**31**		17	4.8	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Benzene	ND		4.2	0.76	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Bromoform	ND		4.2	0.20	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Bromomethane	ND		4.2	0.36	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Carbon disulfide	**0.88**	**J**	4.2	0.50	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Carbon tetrachloride	ND		4.2	0.55	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Chlorobenzene	ND		4.2	0.45	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Chloroethane	ND		4.2	0.37	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Chloroform	ND		4.2	0.30	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Chloromethane	ND		4.2	0.67	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
cis-1,2-Dichloroethene	ND		4.2	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
cis-1,3-Dichloropropene	ND		4.2	0.60	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Cyclohexane	ND		8.5	0.41	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Dichlorobromomethane	ND		4.2	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Dichlorodifluoromethane	ND		4.2	0.24	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Ethylbenzene	ND		4.2	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Ethylene Dibromide	ND		4.2	0.45	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Isopropyl ether	ND		8.5	0.50	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Isopropylbenzene	ND		4.2	0.17	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Methyl acetate	ND		8.5	1.7	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
2-Butanone (MEK)	**2.8**	**J**	17	0.95	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
4-Methyl-2-pentanone (MIBK)	ND		17	1.0	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Methyl tert-butyl ether	ND		4.2	0.36	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Tert-amyl methyl ether	ND		4.2	0.36	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Methylene Chloride	ND		4.2	0.63	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Styrene	ND		4.2	0.34	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Tert-butyl ethyl ether	ND		4.2	0.35	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Tetrachloroethene	ND		4.2	0.68	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Toluene	**1.0**	**J**	4.2	0.23	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
trans-1,2-Dichloroethene	ND		4.2	0.27	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
trans-1,3-Dichloropropene	ND		4.2	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Trichloroethene	ND		4.2	0.32	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Trichlorofluoromethane	ND		4.2	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Vinyl chloride	ND		4.2	0.25	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
2-Methyl-2-propanol	ND		170	4.8	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10AS

Date Collected: 07/16/15 11:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-34

Matrix: Solid
Percent Solids: 86.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		8.5	0.46	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Methylcyclohexane	ND		8.5	0.49	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1
Chlorodibromomethane	ND		4.2	0.31	ug/Kg	☼	07/17/15 16:46	07/21/15 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*58 - 123*	*07/17/15 16:46*	*07/21/15 22:27*	*1*
4-Bromofluorobenzene (Surr)	*105*		*52 - 136*	*07/17/15 16:46*	*07/21/15 22:27*	*1*
Toluene-d8 (Surr)	*112*		*67 - 125*	*07/17/15 16:46*	*07/21/15 22:27*	*1*
Dibromofluoromethane (Surr)	*109*		*37 - 132*	*07/17/15 16:46*	*07/21/15 22:27*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		57	4.0	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
bis (2-chloroisopropyl) ether	ND		110	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2,4,5-Trichlorophenol	ND		170	29	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2,4,6-Trichlorophenol	ND		170	10	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2,4-Dichlorophenol	ND		170	23	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2,4-Dimethylphenol	ND		170	23	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2,4-Dinitrophenol	ND		380	24	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2,4-Dinitrotoluene	ND		230	20	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2,6-Dinitrotoluene	ND		230	24	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2-Chloronaphthalene	ND		57	0.52	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2-Chlorophenol	ND		57	9.4	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2-Methylnaphthalene	ND		7.7	0.57	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2-Methylphenol	ND		230	13	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2-Nitroaniline	ND		230	10	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
2-Nitrophenol	ND		57	9.5	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
3,3'-Dichlorobenzidine	ND		110	21	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
3-Nitroaniline	ND		230	18	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
4,6-Dinitro-2-methylphenol	ND		170	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
4-Bromophenyl phenyl ether	ND		57	15	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
4-Chloro-3-methylphenol	ND		170	24	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
4-Chloroaniline	ND		170	20	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
4-Chlorophenyl phenyl ether	ND		57	15	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
4-Nitrophenol	ND		380	20	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Acenaphthene	ND		7.7	0.87	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Acenaphthylene	ND		7.7	0.40	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Acetophenone	ND		110	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Anthracene	ND		7.7	0.90	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Atrazine	ND		230	10	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Benzaldehyde	ND		110	14	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Benzo[a]anthracene	ND		7.7	0.72	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Benzo[a]pyrene	ND		7.7	0.74	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Benzo[b]fluoranthene	ND		7.7	0.68	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Benzo[g,h,i]perylene	ND		7.7	0.40	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Benzo[k]fluoranthene	ND		7.7	0.78	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Bis(2-chloroethoxy)methane	ND		110	25	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Bis(2-chloroethyl)ether	ND		110	2.3	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Bis(2-ethylhexyl) phthalate	**31**	**J B**	80	22	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1

Client Sample ID: SB-10AS

Date Collected: 07/16/15 11:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-34

Matrix: Solid
Percent Solids: 86.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		80	11	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Caprolactam	ND		380	43	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Carbazole	ND		57	31	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Chrysene	ND		7.7	1.3	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Dibenz(a,h)anthracene	ND		7.7	0.76	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Dibenzofuran	ND		57	0.76	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Diethyl phthalate	ND		80	18	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Dimethyl phthalate	ND		80	20	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Di-n-butyl phthalate	**35**	**J B**	80	17	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Di-n-octyl phthalate	ND		80	9.1	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Fluoranthene	ND		7.7	0.63	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Fluorene	ND		7.7	0.61	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Hexachlorobenzene	ND		7.7	2.4	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Hexachlorobutadiene	ND		57	6.4	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Hexachlorocyclopentadiene	ND		380	9.3	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Hexachloroethane	ND		57	10	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Indeno[1,2,3-cd]pyrene	ND		7.7	0.40	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Isophorone	ND		57	15	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
N-Nitrosodi-n-propylamine	ND		57	7.2	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
N-Nitrosodiphenylamine	ND		57	24	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Naphthalene	ND		7.7	0.94	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Nitrobenzene	ND		110	2.5	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Pentachlorophenol	ND		170	10	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Phenanthrene	ND		7.7	0.84	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Phenol	ND		57	8.4	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
Pyrene	**8.0**		7.7	0.51	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1
3 & 4 Methylphenol	ND		460	23	ug/Kg	☼	07/21/15 07:48	07/25/15 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*94*		*36 - 110*	*07/21/15 07:48*	*07/25/15 18:16*	*1*
Phenol-d5 (Surr)	*80*		*26 - 110*	*07/21/15 07:48*	*07/25/15 18:16*	*1*
Nitrobenzene-d5 (Surr)	*86*		*20 - 110*	*07/21/15 07:48*	*07/25/15 18:16*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 110*	*07/21/15 07:48*	*07/25/15 18:16*	*1*
2-Fluorobiphenyl (Surr)	*76*		*24 - 110*	*07/21/15 07:48*	*07/25/15 18:16*	*1*
2,4,6-Tribromophenol (Surr)	*14*		*10 - 110*	*07/21/15 07:48*	*07/25/15 18:16*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		120	53	ug/Kg	☼	07/27/15 05:16	07/27/15 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*64*		*40 - 139*	*07/27/15 05:16*	*07/27/15 21:30*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	**29**		20	7.5	mg/Kg	☼	07/22/15 08:50	07/25/15 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*69*		*40 - 160*	*07/22/15 08:50*	*07/25/15 01:28*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10AS

Date Collected: 07/16/15 11:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-34

Matrix: Solid
Percent Solids: 86.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		38	14	ug/Kg	☼	07/21/15 08:51	07/23/15 14:29	1
Aroclor-1221	ND		38	18	ug/Kg	☼	07/21/15 08:51	07/23/15 14:29	1
Aroclor-1232	ND		38	23	ug/Kg	☼	07/21/15 08:51	07/23/15 14:29	1
Aroclor-1242	ND		38	13	ug/Kg	☼	07/21/15 08:51	07/23/15 14:29	1
Aroclor-1248	ND		38	9.2	ug/Kg	☼	07/21/15 08:51	07/23/15 14:29	1
Aroclor-1254	ND		38	16	ug/Kg	☼	07/21/15 08:51	07/23/15 14:29	1
Aroclor-1260	ND		38	10	ug/Kg	☼	07/21/15 08:51	07/23/15 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*13 - 134*	*07/21/15 08:51*	*07/23/15 14:29*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 155*	*07/21/15 08:51*	*07/23/15 14:29*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.030**	**J**	0.20	0.0014	mg/Kg	☼	07/21/15 12:38	07/22/15 20:50	2
Arsenic	**5.3**	**B**	0.99	0.026	mg/Kg	☼	07/21/15 12:38	07/22/15 20:50	2
Barium	**41**		0.99	0.22	mg/Kg	☼	07/21/15 12:38	07/22/15 20:50	2
Cadmium	**0.24**		0.20	0.0037	mg/Kg	☼	07/21/15 12:38	07/22/15 20:50	2
Chromium	**15**	**B**	0.40	0.060	mg/Kg	☼	07/21/15 12:38	07/22/15 20:50	2
Lead	**6.3**		0.20	0.045	mg/Kg	☼	07/21/15 12:38	07/22/15 20:50	2
Selenium	**1.1**	**B**	0.99	0.040	mg/Kg	☼	07/21/15 12:38	07/22/15 20:50	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.016	mg/Kg	☼	07/21/15 15:50	07/22/15 13:12	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TB-1

Date Collected: 07/16/15 00:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-35

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*	1.0	0.44	ug/L			07/20/15 20:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/20/15 20:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.45	ug/L			07/20/15 20:24	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/20/15 20:24	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/20/15 20:24	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			07/20/15 20:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/20/15 20:24	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/20/15 20:24	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/20/15 20:24	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/20/15 20:24	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/20/15 20:24	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/20/15 20:24	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/20/15 20:24	1
2-Hexanone	ND		10	0.48	ug/L			07/20/15 20:24	1
Acetone	ND		10	0.94	ug/L			07/20/15 20:24	1
Benzene	ND		1.0	0.35	ug/L			07/20/15 20:24	1
Bromoform	ND		1.0	0.56	ug/L			07/20/15 20:24	1
Bromomethane	ND	*	1.0	0.44	ug/L			07/20/15 20:24	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/20/15 20:24	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/20/15 20:24	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/20/15 20:24	1
Chloroethane	ND		1.0	0.32	ug/L			07/20/15 20:24	1
Chloroform	ND		1.0	0.25	ug/L			07/20/15 20:24	1
Chloromethane	ND		1.0	0.44	ug/L			07/20/15 20:24	1
cis-1,2-Dichloroethene	ND		1.0	0.26	ug/L			07/20/15 20:24	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/20/15 20:24	1
Cyclohexane	ND		1.0	0.45	ug/L			07/20/15 20:24	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/20/15 20:24	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/20/15 20:24	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/20/15 20:24	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/20/15 20:24	1
Isopropyl ether	ND		10	0.50	ug/L			07/20/15 20:24	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/20/15 20:24	1
Methyl acetate	ND		10	2.3	ug/L			07/20/15 20:24	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/20/15 20:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/20/15 20:24	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/20/15 20:24	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/20/15 20:24	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/20/15 20:24	1
Styrene	ND		1.0	0.45	ug/L			07/20/15 20:24	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/20/15 20:24	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/20/15 20:24	1
Toluene	ND		1.0	0.23	ug/L			07/20/15 20:24	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/20/15 20:24	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/20/15 20:24	1
Trichloroethene	ND		1.0	0.22	ug/L			07/20/15 20:24	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/20/15 20:24	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/20/15 20:24	1
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/20/15 20:24	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TB-1

Date Collected: 07/16/15 00:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-35

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.52	ug/L			07/20/15 20:24	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/20/15 20:24	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/20/15 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*78 - 125*		*07/20/15 20:24*	*1*
4-Bromofluorobenzene (Surr)	*86*		*61 - 120*		*07/20/15 20:24*	*1*
Toluene-d8 (Surr)	*84*		*80 - 120*		*07/20/15 20:24*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 120*		*07/20/15 20:24*	*1*

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TB-2

Date Collected: 07/16/15 00:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-36

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*	1.0	0.44	ug/L			07/20/15 20:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/20/15 20:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.45	ug/L			07/20/15 20:47	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/20/15 20:47	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/20/15 20:47	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			07/20/15 20:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/20/15 20:47	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/20/15 20:47	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/20/15 20:47	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/20/15 20:47	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/20/15 20:47	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/20/15 20:47	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/20/15 20:47	1
2-Hexanone	ND		10	0.48	ug/L			07/20/15 20:47	1
Acetone	ND		10	0.94	ug/L			07/20/15 20:47	1
Benzene	ND		1.0	0.35	ug/L			07/20/15 20:47	1
Bromoform	ND		1.0	0.56	ug/L			07/20/15 20:47	1
Bromomethane	ND	*	1.0	0.44	ug/L			07/20/15 20:47	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/20/15 20:47	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/20/15 20:47	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/20/15 20:47	1
Chloroethane	ND		1.0	0.32	ug/L			07/20/15 20:47	1
Chloroform	ND		1.0	0.25	ug/L			07/20/15 20:47	1
Chloromethane	ND		1.0	0.44	ug/L			07/20/15 20:47	1
cis-1,2-Dichloroethene	ND		1.0	0.26	ug/L			07/20/15 20:47	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/20/15 20:47	1
Cyclohexane	ND		1.0	0.45	ug/L			07/20/15 20:47	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/20/15 20:47	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/20/15 20:47	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/20/15 20:47	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/20/15 20:47	1
Isopropyl ether	ND		10	0.50	ug/L			07/20/15 20:47	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/20/15 20:47	1
Methyl acetate	ND		10	2.3	ug/L			07/20/15 20:47	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/20/15 20:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/20/15 20:47	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/20/15 20:47	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/20/15 20:47	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/20/15 20:47	1
Styrene	ND		1.0	0.45	ug/L			07/20/15 20:47	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/20/15 20:47	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/20/15 20:47	1
Toluene	ND		1.0	0.23	ug/L			07/20/15 20:47	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/20/15 20:47	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/20/15 20:47	1
Trichloroethene	ND		1.0	0.22	ug/L			07/20/15 20:47	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/20/15 20:47	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/20/15 20:47	1
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/20/15 20:47	1

Client Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TB-2

Lab Sample ID: 240-53332-36

Date Collected: 07/16/15 00:00
Matrix: Water
Date Received: 07/17/15 10:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.52	ug/L			07/20/15 20:47	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/20/15 20:47	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/20/15 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*78 - 125*		*07/20/15 20:47*	*1*
4-Bromofluorobenzene (Surr)	*81*		*61 - 120*		*07/20/15 20:47*	*1*
Toluene-d8 (Surr)	*85*		*80 - 120*		*07/20/15 20:47*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 120*		*07/20/15 20:47*	*1*

Surrogate Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(58-123)	(52-136)	(67-125)	(37-132)
240-53332-1	SB-1A	95	95	97	100
240-53332-3	SB-2A	92	93	95	96
240-53332-5	SB-3A	97	92	97	99
240-53332-7	SB-4A	98	100	100	103
240-53332-9	SB-5A	95	90	98	96
240-53332-11	SB-6A	96	91	96	98
240-53332-13	SB-7A	96	92	97	99
240-53332-15	SB-8A	95	93	95	97
240-53332-17	SB-9A	94	100	101	96
240-53332-19	SB-10A	96	93	97	98
240-53332-21	SB-11A	98	91	97	100
240-53332-23	SB-12A	93	88	94	100
240-53332-23 MS	SB-12A	93	92	96	98
240-53332-23 MSD	SB-12A	93	90	99	96
240-53332-34	SB-10AS	106	105	112	109
LCS 240-189933/30	Lab Control Sample	93	92	101	100
LCS 240-189933/7	Lab Control Sample	94	96	100	99
MB 240-189860/1-A	Method Blank	95	95	102	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(78-125)	(61-120)	(80-120)	(79-120)
240-53332-25	TW-4	97	100	100	100
240-53332-26	TW-7	91	92	93	94
240-53332-26 MS	TW-7	89	89	92	92
240-53332-26 MSD	TW-7	90	90	94	89
240-53332-27	TW-8	96	99	101	101
240-53332-28	TW-8D	94	98	100	98
240-53332-29	TW-6	90	87	95	95
240-53332-30	TW-1	94	89	94	91
240-53332-31	TW-12	95	97	97	96
240-53332-32	EB-1GW	118	84	84	112
240-53332-33	EB-1S	112	84	82	109
240-53332-35	TB-1	119	86	84	111
240-53332-36	TB-2	121	81	85	111
LCS 240-189765/4	Lab Control Sample	101	100	91	100
LCS 240-190107/5	Lab Control Sample	91	94	95	94
LCS 240-190923/16	Lab Control Sample	96	99	97	96
MB 240-189765/6	Method Blank	106	87	85	102
MB 240-190107/7	Method Blank	91	87	95	95

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(78-125)	(61-120)	(80-120)	(79-120)
MB 240-190923/18	Method Blank	92	99	97	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPH	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(36-110)	(26-110)	(20-110)	(24-110)	(24-110)	(10-110)
240-53332-1	SB-1A	87	82	76	67	71	22
240-53332-3	SB-2A	93	78	81	70	65	26
240-53332-11	SB-6A	94	79	74	70	69	22
240-53332-13	SB-7A	98	76	83	70	71	25
240-53332-19	SB-10A	102	88	86	76	76	22
240-53332-23	SB-12A	84	84	80	75	69	10
240-53332-23 MS	SB-12A	95	88	86	78	75	19
240-53332-23 MSD	SB-12A	87	79	81	71	70	23
240-53332-34	SB-10AS	94	80	86	72	76	14
LCS 240-189889/24-A	Lab Control Sample	77	73	79	70	64	32
MB 240-189889/23-A	Method Blank	91	83	92	78	75	22

Surrogate Legend

TPH = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPH	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(31-115)	(10-110)	(31-110)	(15-110)	(29-110)	(21-128)
240-53332-33	EB-1S	68	29	53	41	60	60
LCS 240-190330/5-A	Lab Control Sample	78	35	71	48	75	83
MB 240-190330/4-A	Method Blank	67	28	56	42	66	62

Surrogate Legend

TPH = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Surrogate Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

TBP = 2,4,6-Tribromophenol (Surr)

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	**Client Sample ID**	**TFT2 (40-139)**						
240-53332-1	SB-1A	66						
240-53332-1 MS	SB-1A	86						
240-53332-1 MSD	SB-1A	88						
240-53332-2	SB-1B	70						
240-53332-3	SB-2A	69						
240-53332-4	SB-2B	67						
240-53332-5	SB-3A	68						
240-53332-6	SB-3B	67						
240-53332-7	SB-4A	66						
240-53332-8	SB-4B	65						
240-53332-9	SB-5A	64						
240-53332-10	SB-5B	70						
240-53332-11	SB-6A	71						
240-53332-12	SB-6B	66						
240-53332-13	SB-7A	63						
240-53332-14	SB-7B	61						
240-53332-15	SB-8A	63						
240-53332-16	SB-8B	63						
240-53332-17	SB-9A	62						
240-53332-18	SB-9B	66						
240-53332-18 MS	SB-9B	16 X						
240-53332-18 MSD	SB-9B	88						
240-53332-19	SB-10A	69						
240-53332-20	SB-10B	67						
240-53332-21	SB-11A	67						
240-53332-22	SB-11B	67						
240-53332-23	SB-12A	66						
240-53332-23 MS	SB-12A	23 X						
240-53332-23 MSD	SB-12A	20 X						
240-53332-24	SB-12B	68						
240-53332-34	SB-10AS	64						
LCS 240-190315/2-A	Lab Control Sample	89						
LCS 240-190690/2-A	Lab Control Sample	89						
LCS 240-190897/2-A	Lab Control Sample	92						
MB 240-190315/1-A	Method Blank	65						
MB 240-190690/1-A	Method Blank	69						
MB 240-190897/1-A	Method Blank	66						

Surrogate Legend

TFT = Trifluorotoluene (Surr)

Surrogate Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Water **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	TFT2 (40-133)
240-53332-25	TW-4	68
240-53332-26	TW-7	68
240-53332-26 MS	TW-7	88
240-53332-26 MSD	TW-7	83
240-53332-27	TW-8	69
240-53332-28	TW-8D	67
240-53332-29	TW-6	66
240-53332-30	TW-1	66
240-53332-31	TW-12	72
240-53332-32	EB-1GW	66
240-53332-33	EB-1S	66
LCS 240-189960/6	Lab Control Sample	89
MB 240-189960/5	Method Blank	69

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TFT = Trifluorotoluene (Surr)

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	OTPH (40-160)
240-53332-1	SB-1A	87
240-53332-2	SB-1B	81
240-53332-3	SB-2A	65
240-53332-4	SB-2B	68
240-53332-5	SB-3A	71
240-53332-6	SB-3B	70
240-53332-7	SB-4A	69
240-53332-8	SB-4B	68
240-53332-8 MS	SB-4B	78
240-53332-8 MSD	SB-4B	69
240-53332-9	SB-5A	76
240-53332-10	SB-5B	72
240-53332-11	SB-6A	74
240-53332-11 MS	SB-6A	79
240-53332-11 MSD	SB-6A	85
240-53332-12	SB-6B	59
240-53332-13	SB-7A	71
240-53332-14	SB-7B	75
240-53332-15	SB-8A	68
240-53332-16	SB-8B	64
240-53332-17	SB-9A	71
240-53332-18	SB-9B	72
240-53332-19	SB-10A	66
240-53332-20	SB-10B	74
240-53332-21	SB-11A	66
240-53332-22	SB-11B	67

Percent Surrogate Recovery (Acceptance Limits)

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	OTPH (40-160)
240-53332-23	SB-12A	76
240-53332-23 MS	SB-12A	86
240-53332-23 MSD	SB-12A	73
240-53332-24	SB-12B	75
240-53332-34	SB-10AS	69
LCS 240-189886/24-A	Lab Control Sample	65
LCS 240-190118/7-A	Lab Control Sample	61
MB 240-189886/23-A	Method Blank	65
MB 240-190118/6-A	Method Blank	71

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

OTPH = o-Terphenyl

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	OTPH (40-160)
240-53332-25	TW-4	59
240-53332-26	TW-7	67
240-53332-26 MS	TW-7	74
240-53332-26 MSD	TW-7	77
240-53332-27	TW-8	70
240-53332-28	TW-8D	75
240-53332-29	TW-6	55
240-53332-30	TW-1	95
240-53332-31	TW-12	96
240-53332-32	EB-1GW	81
240-53332-33	EB-1S	71
LCS 240-189874/13-A	Lab Control Sample	84
MB 240-189874/12-A	Method Blank	86

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

OTPH = o-Terphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	TCX2 (13-134)	DCB2 (10-155)
240-53332-1	SB-1A	84	106
240-53332-3	SB-2A	83	101
240-53332-13	SB-7A	95	119
240-53332-19	SB-10A	83	106
240-53332-23	SB-12A	87	111
240-53332-23 MS	SB-12A	91	124
240-53332-23 MSD	SB-12A	101	120
240-53332-34	SB-10AS	96	112

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	**Client Sample ID**	**(13-134)**	**(10-155)**
LCS 240-189900/14-A	Lab Control Sample	102	124
LCSD 240-189900/15-A	Lab Control Sample Dup	88	109
MB 240-189900/13-A	Method Blank	84	107

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	**Client Sample ID**	**(10-150)**	**(10-150)**
240-53332-33	EB-1S	87	74
LCS 490-267943/2-A	Lab Control Sample	73	77
MB 490-267943/1-A	Method Blank	77	81

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-189860/1-A
Matrix: Solid
Analysis Batch: 189933

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.65	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.31	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	0.42	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,1,2-Trichloroethane	ND		5.0	0.37	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,1-Dichloroethane	ND		5.0	0.34	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,2,4-Trichlorobenzene	ND		5.0	0.38	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,2-Dibromo-3-Chloropropane	ND		10	2.7	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,2-Dichlorobenzene	ND		5.0	0.34	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,2-Dichloroethane	ND		5.0	0.46	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,2-Dichloropropane	ND		5.0	0.14	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,3-Dichlorobenzene	ND		5.0	0.69	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
1,4-Dichlorobenzene	ND		5.0	0.28	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
2-Hexanone	ND		20	0.68	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Acetone	ND		20	5.7	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Benzene	ND		5.0	0.90	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Bromoform	ND		5.0	0.24	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Bromomethane	ND		5.0	0.42	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Carbon disulfide	ND		5.0	0.59	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Carbon tetrachloride	ND		5.0	0.65	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Chlorobenzene	ND		5.0	0.53	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Chloroethane	ND		5.0	0.44	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Chloroform	ND		5.0	0.36	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Chloromethane	ND		5.0	0.79	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
cis-1,2-Dichloroethene	ND		5.0	0.28	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
cis-1,3-Dichloropropene	ND		5.0	0.71	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Cyclohexane	ND		10	0.48	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Dichlorobromomethane	ND		5.0	0.29	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Ethylbenzene	ND		5.0	0.32	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Ethylene Dibromide	ND		5.0	0.53	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Isopropyl ether	ND		10	0.59	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Isopropylbenzene	ND		5.0	0.20	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Methyl acetate	ND		10	2.0	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
2-Butanone (MEK)	ND		20	1.1	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
4-Methyl-2-pentanone (MIBK)	ND		20	1.2	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Methyl tert-butyl ether	ND		5.0	0.43	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Tert-amyl methyl ether	ND		5.0	0.43	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Methylene Chloride	2.15	J	5.0	0.74	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Styrene	ND		5.0	0.40	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Tert-butyl ethyl ether	ND		5.0	0.41	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Tetrachloroethene	ND		5.0	0.80	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Toluene	ND		5.0	0.27	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
trans-1,2-Dichloroethene	ND		5.0	0.32	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
trans-1,3-Dichloropropene	ND		5.0	0.29	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Trichloroethene	ND		5.0	0.38	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Trichlorofluoromethane	ND		5.0	0.29	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Vinyl chloride	ND		5.0	0.30	ug/Kg		07/20/15 23:09	07/21/15 16:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-189860/1-A
Matrix: Solid
Analysis Batch: 189933

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methyl-2-propanol	ND		200	5.7	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Xylenes, Total	ND		10	0.54	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Methylcyclohexane	ND		10	0.58	ug/Kg		07/20/15 23:09	07/21/15 16:00	1
Chlorodibromomethane	ND		5.0	0.37	ug/Kg		07/20/15 23:09	07/21/15 16:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 123*	*07/20/15 23:09*	*07/21/15 16:00*	*1*
4-Bromofluorobenzene (Surr)	*95*		*52 - 136*	*07/20/15 23:09*	*07/21/15 16:00*	*1*
Toluene-d8 (Surr)	*102*		*67 - 125*	*07/20/15 23:09*	*07/21/15 16:00*	*1*
Dibromofluoromethane (Surr)	*98*		*37 - 132*	*07/20/15 23:09*	*07/21/15 16:00*	*1*

Lab Sample ID: 240-53332-23 MS
Matrix: Solid
Analysis Batch: 189933

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189860

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		18.4	11.3		ug/Kg	☼	61	51 - 128
1,1,2,2-Tetrachloroethane	ND		18.4	14.3		ug/Kg	☼	77	16 - 179
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		18.4	11.5		ug/Kg	☼	62	50 - 147
1,1,2-Trichloroethane	ND		18.4	13.2		ug/Kg	☼	72	10 - 166
1,1-Dichloroethane	ND		18.4	12.7		ug/Kg	☼	69	54 - 122
1,1-Dichloroethene	ND		18.4	12.6		ug/Kg	☼	68	49 - 157
1,2,4-Trichlorobenzene	ND		18.4	5.03		ug/Kg	☼	27	10 - 120
1,2-Dibromo-3-Chloropropane	ND		18.4	10.6		ug/Kg	☼	57	10 - 153
1,2-Dichlorobenzene	ND		18.4	7.19		ug/Kg	☼	39	17 - 122
1,2-Dichloroethane	ND		18.4	14.0		ug/Kg	☼	76	49 - 123
1,2-Dichloropropane	ND		18.4	14.1		ug/Kg	☼	76	61 - 120
1,3-Dichlorobenzene	ND		18.4	6.54		ug/Kg	☼	35	16 - 126
1,4-Dichlorobenzene	ND		18.4	6.38		ug/Kg	☼	35	15 - 121
2-Hexanone	ND		36.9	30.6		ug/Kg	☼	83	37 - 147
Acetone	ND		36.9	35.9		ug/Kg	☼	97	24 - 140
Benzene	ND		18.4	13.1		ug/Kg	☼	71	53 - 120
Bromoform	ND		18.4	10.3		ug/Kg	☼	56	18 - 129
Bromomethane	ND		18.4	12.7		ug/Kg	☼	69	33 - 130
Carbon disulfide	0.98	J	18.4	13.7		ug/Kg	☼	69	20 - 151
Carbon tetrachloride	ND		18.4	9.44		ug/Kg	☼	51	32 - 137
Chlorobenzene	ND		18.4	9.50		ug/Kg	☼	51	37 - 120
Chloroethane	ND		18.4	13.0		ug/Kg	☼	70	45 - 120
Chloroform	ND		18.4	12.7		ug/Kg	☼	69	53 - 120
Chloromethane	ND		18.4	11.7		ug/Kg	☼	63	34 - 120
cis-1,2-Dichloroethene	ND		18.4	13.1		ug/Kg	☼	71	50 - 120
cis-1,3-Dichloropropene	ND		18.4	11.9		ug/Kg	☼	64	27 - 133
Cyclohexane	ND		18.4	11.8		ug/Kg	☼	64	28 - 120
Dichlorobromomethane	ND		18.4	11.6		ug/Kg	☼	63	35 - 132
Dichlorodifluoromethane	ND		18.4	10.9		ug/Kg	☼	59	17 - 120
Ethylbenzene	ND		18.4	8.64		ug/Kg	☼	47	30 - 131
Ethylene Dibromide	ND		18.4	12.8		ug/Kg	☼	69	45 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-53332-23 MS
Matrix: Solid
Analysis Batch: 189933

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189860

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	ND		18.4	8.22	J	ug/Kg	☼	45	29 - 131
Isopropylbenzene	ND		18.4	7.68		ug/Kg	☼	42	21 - 134
Methyl acetate	ND		92.2	81.6		ug/Kg	☼	88	33 - 165
2-Butanone (MEK)	ND		36.9	32.6		ug/Kg	☼	88	30 - 143
4-Methyl-2-pentanone (MIBK)	ND		36.9	31.1		ug/Kg	☼	84	43 - 147
Methyl tert-butyl ether	ND		18.4	14.8		ug/Kg	☼	80	51 - 157
Methylene Chloride	ND		18.4	12.9		ug/Kg	☼	70	54 - 120
o-Xylene	ND		18.4	8.40		ug/Kg	☼	46	29 - 134
Styrene	ND		18.4	8.36		ug/Kg	☼	45	27 - 127
Tetrachloroethene	ND		18.4	8.84		ug/Kg	☼	48	31 - 135
Toluene	ND		18.4	10.4		ug/Kg	☼	57	39 - 129
trans-1,2-Dichloroethene	ND		18.4	12.6		ug/Kg	☼	68	50 - 123
trans-1,3-Dichloropropene	ND		18.4	11.8		ug/Kg	☼	64	28 - 137
Trichloroethene	ND		18.4	11.1		ug/Kg	☼	60	10 - 177
Trichlorofluoromethane	ND		18.4	11.2		ug/Kg	☼	61	36 - 142
Vinyl chloride	ND		18.4	12.7		ug/Kg	☼	69	42 - 120
Xylenes, Total	ND		36.9	16.6		ug/Kg	☼	45	30 - 131
Methylcyclohexane	ND		18.4	10.7		ug/Kg	☼	58	20 - 132

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 123*
4-Bromofluorobenzene (Surr)	*92*		*52 - 136*
Toluene-d8 (Surr)	*96*		*67 - 125*
Dibromofluoromethane (Surr)	*98*		*37 - 132*

Lab Sample ID: 240-53332-23 MSD
Matrix: Solid
Analysis Batch: 189933

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189860

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		17.8	10.4		ug/Kg	☼	58	51 - 128	9	30
1,1,2,2-Tetrachloroethane	ND		17.8	12.2		ug/Kg	☼	68	16 - 179	16	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		17.8	10.4		ug/Kg	☼	58	50 - 147	10	30
1,1,2-Trichloroethane	ND		17.8	12.1		ug/Kg	☼	68	10 - 166	9	30
1,1-Dichloroethane	ND		17.8	12.1		ug/Kg	☼	68	54 - 122	5	30
1,1-Dichloroethene	ND		17.8	10.9		ug/Kg	☼	61	49 - 157	14	30
1,2,4-Trichlorobenzene	ND		17.8	5.88		ug/Kg	☼	33	10 - 120	16	30
1,2-Dibromo-3-Chloropropane	ND		17.8	9.79		ug/Kg	☼	55	10 - 153	8	30
1,2-Dichlorobenzene	ND		17.8	7.40		ug/Kg	☼	41	17 - 122	3	30
1,2-Dichloroethane	ND		17.8	12.4		ug/Kg	☼	70	49 - 123	12	30
1,2-Dichloropropane	ND		17.8	12.8		ug/Kg	☼	72	61 - 120	10	30
1,3-Dichlorobenzene	ND		17.8	6.87		ug/Kg	☼	38	16 - 126	5	30
1,4-Dichlorobenzene	ND		17.8	6.88		ug/Kg	☼	39	15 - 121	8	30
2-Hexanone	ND		35.7	26.1		ug/Kg	☼	73	37 - 147	16	30
Acetone	ND		35.7	26.8		ug/Kg	☼	75	24 - 140	29	30
Benzene	ND		17.8	11.9		ug/Kg	☼	67	53 - 120	9	30
Bromoform	ND		17.8	9.46		ug/Kg	☼	53	18 - 129	9	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-53332-23 MSD
Matrix: Solid
Analysis Batch: 189933

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189860

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	ND		17.8	11.0		ug/Kg	☼	62	33 - 130	14	30
Carbon disulfide	0.98	J	17.8	12.0		ug/Kg	☼	62	20 - 151	13	30
Carbon tetrachloride	ND		17.8	8.51		ug/Kg	☼	48	32 - 137	10	30
Chlorobenzene	ND		17.8	9.57		ug/Kg	☼	54	37 - 120	1	30
Chloroethane	ND		17.8	10.7		ug/Kg	☼	60	45 - 120	19	30
Chloroform	ND		17.8	11.5		ug/Kg	☼	65	53 - 120	9	30
Chloromethane	ND		17.8	11.1		ug/Kg	☼	62	34 - 120	5	30
cis-1,2-Dichloroethene	ND		17.8	12.5		ug/Kg	☼	70	50 - 120	4	30
cis-1,3-Dichloropropene	ND		17.8	10.6		ug/Kg	☼	60	27 - 133	11	30
Cyclohexane	ND		17.8	10.8		ug/Kg	☼	61	28 - 120	8	30
Dichlorobromomethane	ND		17.8	11.0		ug/Kg	☼	62	35 - 132	5	30
Dichlorodifluoromethane	ND		17.8	9.58		ug/Kg	☼	54	17 - 120	13	30
Ethylbenzene	ND		17.8	8.54		ug/Kg	☼	48	30 - 131	1	30
Ethylene Dibromide	ND		17.8	11.9		ug/Kg	☼	67	45 - 127	7	30
m-Xylene & p-Xylene	ND		17.8	8.41	J	ug/Kg	☼	47	29 - 131	2	30
Isopropylbenzene	ND		17.8	7.72		ug/Kg	☼	43	21 - 134	1	30
Methyl acetate	ND		89.2	70.5		ug/Kg	☼	79	33 - 165	15	30
2-Butanone (MEK)	ND		35.7	27.4		ug/Kg	☼	77	30 - 143	17	30
4-Methyl-2-pentanone (MIBK)	ND		35.7	26.3		ug/Kg	☼	74	43 - 147	17	30
Methyl tert-butyl ether	ND		17.8	13.5		ug/Kg	☼	76	51 - 157	9	30
Methylene Chloride	ND		17.8	12.3		ug/Kg	☼	69	54 - 120	5	30
o-Xylene	ND		17.8	8.88		ug/Kg	☼	50	29 - 134	5	30
Styrene	ND		17.8	8.35		ug/Kg	☼	47	27 - 127	0	30
Tetrachloroethene	ND		17.8	8.54		ug/Kg	☼	48	31 - 135	3	30
Toluene	ND		17.8	9.97		ug/Kg	☼	56	39 - 129	5	30
trans-1,2-Dichloroethene	ND		17.8	11.5		ug/Kg	☼	65	50 - 123	9	30
trans-1,3-Dichloropropene	ND		17.8	11.1		ug/Kg	☼	62	28 - 137	7	30
Trichloroethene	ND		17.8	11.0		ug/Kg	☼	62	10 - 177	1	30
Trichlorofluoromethane	ND		17.8	9.41		ug/Kg	☼	53	36 - 142	17	30
Vinyl chloride	ND		17.8	11.3		ug/Kg	☼	63	42 - 120	11	30
Xylenes, Total	ND		35.7	17.3		ug/Kg	☼	48	30 - 131	4	30
Methylcyclohexane	ND		17.8	9.82		ug/Kg	☼	55	20 - 132	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 123*
4-Bromofluorobenzene (Surr)	*90*		*52 - 136*
Toluene-d8 (Surr)	*99*		*67 - 125*
Dibromofluoromethane (Surr)	*96*		*37 - 132*

Lab Sample ID: LCS 240-189933/30
Matrix: Solid
Analysis Batch: 189933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.2		ug/Kg		91	77 - 126
1,1,2,2-Tetrachloroethane	20.0	22.4		ug/Kg		112	77 - 123
1,1,2-Trichloro-1,2,2-trifluoroetha ne	20.0	18.8		ug/Kg		94	80 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-189933/30
Matrix: Solid
Analysis Batch: 189933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	20.0	21.0		ug/Kg		105	80 - 120
1,1-Dichloroethane	20.0	19.1		ug/Kg		96	76 - 120
1,1-Dichloroethene	20.0	19.8		ug/Kg		99	75 - 135
1,2,4-Trichlorobenzene	20.0	18.7		ug/Kg		93	64 - 124
1,2-Dibromo-3-Chloropropane	20.0	20.7		ug/Kg		104	61 - 132
1,2-Dichlorobenzene	20.0	18.8		ug/Kg		94	76 - 120
1,2-Dichloroethane	20.0	19.5		ug/Kg		98	72 - 120
1,2-Dichloropropane	20.0	20.3		ug/Kg		102	80 - 120
1,3-Dichlorobenzene	20.0	18.6		ug/Kg		93	78 - 120
1,4-Dichlorobenzene	20.0	18.9		ug/Kg		95	75 - 120
2-Hexanone	40.0	45.8		ug/Kg		114	64 - 136
Acetone	40.0	39.5		ug/Kg		99	41 - 137
Benzene	20.0	20.1		ug/Kg		101	79 - 120
Bromoform	20.0	19.4		ug/Kg		97	62 - 133
Bromomethane	20.0	18.2		ug/Kg		91	42 - 136
Carbon disulfide	20.0	20.0		ug/Kg		100	62 - 146
Carbon tetrachloride	20.0	16.8		ug/Kg		84	71 - 129
Chlorobenzene	20.0	19.2		ug/Kg		96	78 - 120
Chloroethane	20.0	19.3		ug/Kg		96	58 - 120
Chloroform	20.0	19.0		ug/Kg		95	77 - 120
Chloromethane	20.0	18.2		ug/Kg		91	50 - 120
cis-1,2-Dichloroethene	20.0	20.1		ug/Kg		101	76 - 120
cis-1,3-Dichloropropene	20.0	20.4		ug/Kg		102	74 - 128
Cyclohexane	20.0	20.0		ug/Kg		100	66 - 120
Dichlorobromomethane	20.0	18.6		ug/Kg		93	80 - 122
Dichlorodifluoromethane	20.0	15.2		ug/Kg		76	26 - 120
Ethylbenzene	20.0	19.3		ug/Kg		96	79 - 120
Ethylene Dibromide	20.0	20.7		ug/Kg		103	80 - 120
m-Xylene & p-Xylene	20.0	19.3		ug/Kg		97	80 - 120
Isopropylbenzene	20.0	19.5		ug/Kg		97	76 - 122
Methyl acetate	100	114		ug/Kg		114	57 - 130
2-Butanone (MEK)	40.0	44.4		ug/Kg		111	52 - 131
4-Methyl-2-pentanone (MIBK)	40.0	46.5		ug/Kg		116	67 - 135
Methyl tert-butyl ether	20.0	20.9		ug/Kg		105	49 - 165
Methylene Chloride	20.0	20.7		ug/Kg		103	75 - 120
o-Xylene	20.0	18.8		ug/Kg		94	80 - 120
Styrene	20.0	18.9		ug/Kg		94	80 - 120
Tetrachloroethene	20.0	18.9		ug/Kg		94	79 - 120
Toluene	20.0	19.1		ug/Kg		95	75 - 120
trans-1,2-Dichloroethene	20.0	19.3		ug/Kg		96	78 - 120
trans-1,3-Dichloropropene	20.0	21.5		ug/Kg		107	73 - 131
Trichloroethene	20.0	19.6		ug/Kg		98	79 - 120
Trichlorofluoromethane	20.0	16.1		ug/Kg		80	57 - 146
Vinyl chloride	20.0	18.6		ug/Kg		93	57 - 120
Xylenes, Total	40.0	38.1		ug/Kg		95	80 - 120
Methylcyclohexane	20.0	19.7		ug/Kg		98	70 - 126

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-189933/30
Matrix: Solid
Analysis Batch: 189933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 123*
4-Bromofluorobenzene (Surr)	*92*		*52 - 136*
Toluene-d8 (Surr)	*101*		*67 - 125*
Dibromofluoromethane (Surr)	*100*		*37 - 132*

Lab Sample ID: LCS 240-189933/7
Matrix: Solid
Analysis Batch: 189933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropyl ether	20.0	21.8		ug/Kg		109	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*58 - 123*
4-Bromofluorobenzene (Surr)	*96*		*52 - 136*
Toluene-d8 (Surr)	*100*		*67 - 125*
Dibromofluoromethane (Surr)	*99*		*37 - 132*

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-189765/6
Matrix: Water
Analysis Batch: 189765

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.44	ug/L			07/20/15 12:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/20/15 12:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.45	ug/L			07/20/15 12:12	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/20/15 12:12	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/20/15 12:12	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			07/20/15 12:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/20/15 12:12	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/20/15 12:12	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/20/15 12:12	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/20/15 12:12	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/20/15 12:12	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/20/15 12:12	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/20/15 12:12	1
2-Hexanone	ND		10	0.48	ug/L			07/20/15 12:12	1
Acetone	ND		10	0.94	ug/L			07/20/15 12:12	1
Benzene	ND		1.0	0.35	ug/L			07/20/15 12:12	1
Bromoform	ND		1.0	0.56	ug/L			07/20/15 12:12	1
Bromomethane	ND		1.0	0.44	ug/L			07/20/15 12:12	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/20/15 12:12	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/20/15 12:12	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/20/15 12:12	1
Chloroethane	ND		1.0	0.32	ug/L			07/20/15 12:12	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-189765/6
Matrix: Water
Analysis Batch: 189765

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.25	ug/L			07/20/15 12:12	1
Chloromethane	ND		1.0	0.44	ug/L			07/20/15 12:12	1
cis-1,2-Dichloroethene	ND		1.0	0.26	ug/L			07/20/15 12:12	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/20/15 12:12	1
Cyclohexane	ND		1.0	0.45	ug/L			07/20/15 12:12	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/20/15 12:12	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/20/15 12:12	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/20/15 12:12	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/20/15 12:12	1
Isopropyl ether	ND		10	0.50	ug/L			07/20/15 12:12	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/20/15 12:12	1
Methyl acetate	ND		10	2.3	ug/L			07/20/15 12:12	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/20/15 12:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/20/15 12:12	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/20/15 12:12	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/20/15 12:12	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/20/15 12:12	1
Styrene	ND		1.0	0.45	ug/L			07/20/15 12:12	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/20/15 12:12	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/20/15 12:12	1
Toluene	ND		1.0	0.23	ug/L			07/20/15 12:12	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/20/15 12:12	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/20/15 12:12	1
Trichloroethene	ND		1.0	0.22	ug/L			07/20/15 12:12	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/20/15 12:12	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/20/15 12:12	1
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/20/15 12:12	1
Xylenes, Total	ND		2.0	0.52	ug/L			07/20/15 12:12	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/20/15 12:12	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/20/15 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*78 - 125*		*07/20/15 12:12*	*1*
4-Bromofluorobenzene (Surr)	*87*		*61 - 120*		*07/20/15 12:12*	*1*
Toluene-d8 (Surr)	*85*		*80 - 120*		*07/20/15 12:12*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 120*		*07/20/15 12:12*	*1*

Lab Sample ID: LCS 240-189765/4
Matrix: Water
Analysis Batch: 189765

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	12.6	*	ug/L		126	77 - 123
1,1,2,2-Tetrachloroethane	10.0	8.47		ug/L		85	71 - 123
1,1,2-Trichloro-1,2,2-trifluoroetha ne	10.0	9.50		ug/L		95	67 - 138
1,1,2-Trichloroethane	10.0	9.25		ug/L		93	80 - 120
1,1-Dichloroethane	10.0	10.2		ug/L		102	79 - 125

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-189765/4
Matrix: Water
Analysis Batch: 189765

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	8.60		ug/L		86	76 - 124
1,2,4-Trichlorobenzene	10.0	8.72		ug/L		87	61 - 120
1,2-Dibromo-3-Chloropropane	10.0	9.28		ug/L		93	50 - 132
1,2-Dichlorobenzene	10.0	9.51		ug/L		95	79 - 120
1,2-Dichloroethane	10.0	10.9		ug/L		109	80 - 120
1,2-Dichloropropane	10.0	9.79		ug/L		98	78 - 124
1,3-Dichlorobenzene	10.0	9.22		ug/L		92	79 - 120
1,4-Dichlorobenzene	10.0	8.86		ug/L		89	79 - 120
2-Hexanone	20.0	17.5		ug/L		88	55 - 141
Acetone	20.0	19.2		ug/L		96	34 - 148
Benzene	10.0	9.35		ug/L		94	80 - 120
Bromoform	10.0	9.36		ug/L		94	56 - 122
Bromomethane	10.0	14.5	*	ug/L		145	38 - 132
Carbon disulfide	10.0	8.92		ug/L		89	65 - 144
Carbon tetrachloride	10.0	12.1		ug/L		121	77 - 131
Chlorobenzene	10.0	9.51		ug/L		95	80 - 120
Chloroethane	10.0	12.3		ug/L		123	36 - 126
Chloroform	10.0	10.5		ug/L		105	80 - 120
Chloromethane	10.0	9.15		ug/L		92	48 - 133
cis-1,2-Dichloroethene	10.0	9.69		ug/L		97	79 - 120
cis-1,3-Dichloropropene	10.0	10.4		ug/L		104	74 - 126
Cyclohexane	10.0	9.18		ug/L		92	60 - 140
Dichlorobromomethane	10.0	10.8		ug/L		108	80 - 120
Dichlorodifluoromethane	10.0	10.4		ug/L		104	23 - 136
Ethylbenzene	10.0	9.69		ug/L		97	80 - 120
Ethylene Dibromide	10.0	9.64		ug/L		96	80 - 120
m-Xylene & p-Xylene	10.0	10.5		ug/L		105	80 - 120
Isopropylbenzene	10.0	10.8		ug/L		108	77 - 120
Methyl acetate	50.0	44.9		ug/L		90	67 - 131
2-Butanone (MEK)	20.0	19.5		ug/L		97	56 - 138
4-Methyl-2-pentanone (MIBK)	20.0	19.0		ug/L		95	64 - 135
Methyl tert-butyl ether	10.0	9.71		ug/L		97	69 - 121
Methylene Chloride	10.0	10.0		ug/L		100	77 - 129
o-Xylene	10.0	10.1		ug/L		101	80 - 120
Styrene	10.0	9.80		ug/L		98	76 - 122
Tetrachloroethene	10.0	9.49		ug/L		95	78 - 121
Toluene	10.0	9.56		ug/L		96	80 - 120
trans-1,2-Dichloroethene	10.0	9.79		ug/L		98	80 - 124
trans-1,3-Dichloropropene	10.0	11.2		ug/L		112	75 - 131
Trichloroethene	10.0	9.98		ug/L		100	80 - 121
Trichlorofluoromethane	10.0	12.3		ug/L		123	61 - 133
Vinyl chloride	10.0	9.93		ug/L		99	52 - 121
Xylenes, Total	20.0	20.6		ug/L		103	80 - 120
Methylcyclohexane	10.0	10.1		ug/L		101	61 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*78 - 125*
4-Bromofluorobenzene (Surr)	*100*		*61 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-189765/4
Matrix: Water
Analysis Batch: 189765

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*91*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*79 - 120*

Lab Sample ID: MB 240-190107/7
Matrix: Water
Analysis Batch: 190107

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.44	ug/L			07/22/15 11:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/22/15 11:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.45	ug/L			07/22/15 11:51	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/22/15 11:51	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/22/15 11:51	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			07/22/15 11:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/22/15 11:51	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/22/15 11:51	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/22/15 11:51	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/22/15 11:51	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/22/15 11:51	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/22/15 11:51	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/22/15 11:51	1
2-Hexanone	ND		10	0.48	ug/L			07/22/15 11:51	1
Acetone	ND		10	0.94	ug/L			07/22/15 11:51	1
Benzene	ND		1.0	0.35	ug/L			07/22/15 11:51	1
Bromoform	ND		1.0	0.56	ug/L			07/22/15 11:51	1
Bromomethane	ND		1.0	0.44	ug/L			07/22/15 11:51	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/22/15 11:51	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/22/15 11:51	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/22/15 11:51	1
Chloroethane	ND		1.0	0.32	ug/L			07/22/15 11:51	1
Chloroform	ND		1.0	0.25	ug/L			07/22/15 11:51	1
Chloromethane	ND		1.0	0.44	ug/L			07/22/15 11:51	1
cis-1,2-Dichloroethene	ND		1.0	0.26	ug/L			07/22/15 11:51	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/22/15 11:51	1
Cyclohexane	ND		1.0	0.45	ug/L			07/22/15 11:51	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/22/15 11:51	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/22/15 11:51	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/22/15 11:51	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/22/15 11:51	1
Isopropyl ether	ND		10	0.50	ug/L			07/22/15 11:51	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/22/15 11:51	1
Methyl acetate	ND		10	2.3	ug/L			07/22/15 11:51	1
2-Butanone (MEK)	ND		10	0.53	ug/L			07/22/15 11:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/22/15 11:51	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/22/15 11:51	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/22/15 11:51	1
Methylene Chloride	0.636	J	1.0	0.33	ug/L			07/22/15 11:51	1
Styrene	ND		1.0	0.45	ug/L			07/22/15 11:51	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-190107/7
Matrix: Water
Analysis Batch: 190107

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/22/15 11:51	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/22/15 11:51	1
Toluene	ND		1.0	0.23	ug/L			07/22/15 11:51	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/22/15 11:51	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/22/15 11:51	1
Trichloroethene	ND		1.0	0.22	ug/L			07/22/15 11:51	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/22/15 11:51	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/22/15 11:51	1
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/22/15 11:51	1
Xylenes, Total	ND		2.0	0.52	ug/L			07/22/15 11:51	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/22/15 11:51	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/22/15 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*78 - 125*		*07/22/15 11:51*	*1*
4-Bromofluorobenzene (Surr)	*87*		*61 - 120*		*07/22/15 11:51*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/22/15 11:51*	*1*
Dibromofluoromethane (Surr)	*95*		*79 - 120*		*07/22/15 11:51*	*1*

Lab Sample ID: LCS 240-190107/5
Matrix: Water
Analysis Batch: 190107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.71		ug/L		97	77 - 123
1,1,2,2-Tetrachloroethane	10.0	9.60		ug/L		96	71 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.55		ug/L		95	67 - 138
1,1,2-Trichloroethane	10.0	9.50		ug/L		95	80 - 120
1,1-Dichloroethane	10.0	10.0		ug/L		100	79 - 125
1,1-Dichloroethene	10.0	9.55		ug/L		96	76 - 124
1,2,4-Trichlorobenzene	10.0	9.76		ug/L		98	61 - 120
1,2-Dibromo-3-Chloropropane	10.0	9.42		ug/L		94	50 - 132
1,2-Dichlorobenzene	10.0	9.72		ug/L		97	79 - 120
1,2-Dichloroethane	10.0	10.1		ug/L		101	80 - 120
1,2-Dichloropropane	10.0	10.1		ug/L		101	78 - 124
1,3-Dichlorobenzene	10.0	9.73		ug/L		97	79 - 120
1,4-Dichlorobenzene	10.0	9.83		ug/L		98	79 - 120
2-Hexanone	20.0	17.8		ug/L		89	55 - 141
Acetone	20.0	15.2		ug/L		76	34 - 148
Benzene	10.0	10.0		ug/L		100	80 - 120
Bromoform	10.0	9.77		ug/L		98	56 - 122
Bromomethane	10.0	10.7		ug/L		107	38 - 132
Carbon disulfide	10.0	9.55		ug/L		95	65 - 144
Carbon tetrachloride	10.0	9.97		ug/L		100	77 - 131
Chlorobenzene	10.0	10.1		ug/L		101	80 - 120
Chloroethane	10.0	8.97		ug/L		90	36 - 126
Chloroform	10.0	10.0		ug/L		100	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-190107/5
Matrix: Water
Analysis Batch: 190107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	9.31		ug/L		93	48 - 133
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	79 - 120
cis-1,3-Dichloropropene	10.0	10.5		ug/L		105	74 - 126
Cyclohexane	10.0	9.11		ug/L		91	60 - 140
Dichlorobromomethane	10.0	9.94		ug/L		99	80 - 120
Dichlorodifluoromethane	10.0	8.41		ug/L		84	23 - 136
Ethylbenzene	10.0	9.84		ug/L		98	80 - 120
Ethylene Dibromide	10.0	9.65		ug/L		96	80 - 120
m-Xylene & p-Xylene	10.0	9.77		ug/L		98	80 - 120
Isopropylbenzene	10.0	9.65		ug/L		97	77 - 120
Methyl acetate	50.0	45.5		ug/L		91	67 - 131
2-Butanone (MEK)	20.0	18.3		ug/L		91	56 - 138
4-Methyl-2-pentanone (MIBK)	20.0	18.2		ug/L		91	64 - 135
Methyl tert-butyl ether	10.0	9.55		ug/L		96	69 - 121
Methylene Chloride	10.0	10.1		ug/L		101	77 - 129
o-Xylene	10.0	9.81		ug/L		98	80 - 120
Styrene	10.0	9.63		ug/L		96	76 - 122
Tetrachloroethene	10.0	9.70		ug/L		97	78 - 121
Toluene	10.0	10.2		ug/L		102	80 - 120
trans-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 124
trans-1,3-Dichloropropene	10.0	10.9		ug/L		109	75 - 131
Trichloroethene	10.0	10.2		ug/L		102	80 - 121
Trichlorofluoromethane	10.0	9.88		ug/L		99	61 - 133
Vinyl chloride	10.0	8.23		ug/L		82	52 - 121
Xylenes, Total	20.0	19.6		ug/L		98	80 - 120
Methylcyclohexane	10.0	9.22		ug/L		92	61 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*78 - 125*
4-Bromofluorobenzene (Surr)	*94*		*61 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*79 - 120*

Lab Sample ID: 240-53332-26 MS
Matrix: Water
Analysis Batch: 190107

Client Sample ID: TW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		10.0	9.75		ug/L		98	69 - 122
1,1,2,2-Tetrachloroethane	ND		10.0	9.52		ug/L		95	61 - 130
1,1,2-Trichloro-1,2,2-trifluoroetha ne	1.1		10.0	11.1		ug/L		100	44 - 140
1,1,2-Trichloroethane	ND		10.0	9.51		ug/L		95	72 - 125
1,1-Dichloroethane	0.45	J	10.0	10.5		ug/L		100	73 - 124
1,1-Dichloroethene	0.91	J	10.0	10.4		ug/L		95	67 - 124
1,2,4-Trichlorobenzene	ND		10.0	9.63		ug/L		96	48 - 120
1,2-Dibromo-3-Chloropropane	ND		10.0	9.39		ug/L		94	42 - 130
1,2-Dichlorobenzene	ND		10.0	9.39		ug/L		94	67 - 118

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-53332-26 MS
Matrix: Water
Analysis Batch: 190107

Client Sample ID: TW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	ND		10.0	9.65		ug/L		97	74 - 125
1,2-Dichloropropane	ND		10.0	10.0		ug/L		100	73 - 122
1,3-Dichlorobenzene	ND		10.0	9.72		ug/L		97	65 - 120
1,4-Dichlorobenzene	ND		10.0	9.37		ug/L		94	66 - 120
2-Hexanone	ND		20.0	17.5		ug/L		87	49 - 142
Acetone	1.8	J	20.0	15.1		ug/L		67	32 - 126
Benzene	ND		10.0	10.2		ug/L		102	73 - 121
Bromoform	ND		10.0	9.17		ug/L		92	45 - 121
Bromomethane	ND		10.0	10.2		ug/L		102	26 - 136
Carbon disulfide	ND		10.0	9.71		ug/L		97	54 - 144
Carbon tetrachloride	ND		10.0	9.99		ug/L		100	65 - 129
Chlorobenzene	ND		10.0	9.85		ug/L		98	72 - 120
Chloroethane	ND		10.0	9.16		ug/L		92	27 - 131
Chloroform	ND		10.0	9.58		ug/L		96	73 - 121
Chloromethane	ND		10.0	9.38		ug/L		94	39 - 134
cis-1,2-Dichloroethene	0.49	J	10.0	10.2		ug/L		97	66 - 124
cis-1,3-Dichloropropene	ND		10.0	10.0		ug/L		100	60 - 120
Cyclohexane	0.49	J	10.0	10.1		ug/L		96	41 - 137
Dichlorobromomethane	ND		10.0	9.68		ug/L		97	72 - 120
Dichlorodifluoromethane	ND		10.0	9.14		ug/L		91	14 - 137
Ethylbenzene	ND		10.0	9.87		ug/L		99	68 - 121
Ethylene Dibromide	ND		10.0	9.73		ug/L		97	69 - 125
m-Xylene & p-Xylene	ND		10.0	9.76		ug/L		98	66 - 123
Isopropylbenzene	ND		10.0	9.49		ug/L		95	61 - 122
Methyl acetate	ND		50.0	45.1		ug/L		90	64 - 124
2-Butanone (MEK)	ND		20.0	17.2		ug/L		86	49 - 132
4-Methyl-2-pentanone (MIBK)	ND		20.0	18.7		ug/L		94	58 - 136
Methyl tert-butyl ether	ND		10.0	9.58		ug/L		96	61 - 121
Methylene Chloride	ND		10.0	9.53		ug/L		95	70 - 124
o-Xylene	ND		10.0	9.66		ug/L		97	68 - 121
Styrene	ND		10.0	9.15		ug/L		91	64 - 126
Tetrachloroethene	ND		10.0	9.63		ug/L		96	59 - 125
Toluene	ND		10.0	9.77		ug/L		98	72 - 122
trans-1,2-Dichloroethene	ND		10.0	9.92		ug/L		99	72 - 125
trans-1,3-Dichloropropene	ND		10.0	10.4		ug/L		104	58 - 132
Trichloroethene	0.86	J	10.0	10.9		ug/L		100	61 - 129
Trichlorofluoromethane	ND		10.0	10.2		ug/L		102	49 - 133
Vinyl chloride	ND		10.0	8.64		ug/L		86	44 - 122
Xylenes, Total	ND		20.0	19.4		ug/L		97	67 - 122
Methylcyclohexane	ND		10.0	10.0		ug/L		100	39 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*78 - 125*
4-Bromofluorobenzene (Surr)	*89*		*61 - 120*
Toluene-d8 (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*79 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-53332-26 MSD
Matrix: Water
Analysis Batch: 190107

Client Sample ID: TW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		10.0	9.34		ug/L		93	69 - 122	4	14
1,1,2,2-Tetrachloroethane	ND		10.0	9.42		ug/L		94	61 - 130	1	18
1,1,2-Trichloro-1,2,2-trifluoroethane	1.1		10.0	12.7		ug/L		116	44 - 140	14	35
1,1,2-Trichloroethane	ND		10.0	9.34		ug/L		93	72 - 125	2	19
1,1-Dichloroethane	0.45	J	10.0	9.85		ug/L		94	73 - 124	6	14
1,1-Dichloroethene	0.91	J	10.0	10.6		ug/L		96	67 - 124	1	24
1,2,4-Trichlorobenzene	ND		10.0	9.34		ug/L		93	48 - 120	3	28
1,2-Dibromo-3-Chloropropane	ND		10.0	9.81		ug/L		98	42 - 130	4	24
1,2-Dichlorobenzene	ND		10.0	9.51		ug/L		95	67 - 118	1	15
1,2-Dichloroethane	ND		10.0	9.31		ug/L		93	74 - 125	4	24
1,2-Dichloropropane	ND		10.0	9.22		ug/L		92	73 - 122	9	15
1,3-Dichlorobenzene	ND		10.0	9.51		ug/L		95	65 - 120	2	15
1,4-Dichlorobenzene	ND		10.0	9.35		ug/L		94	66 - 120	0	16
2-Hexanone	ND		20.0	17.8		ug/L		89	49 - 142	2	27
Acetone	1.8	J	20.0	16.5		ug/L		74	32 - 126	9	28
Benzene	ND		10.0	9.49		ug/L		95	73 - 121	7	13
Bromoform	ND		10.0	9.17		ug/L		92	45 - 121	0	19
Bromomethane	ND		10.0	10.3		ug/L		103	26 - 136	2	35
Carbon disulfide	ND		10.0	9.41		ug/L		94	54 - 144	3	34
Carbon tetrachloride	ND		10.0	10.0		ug/L		100	65 - 129	1	20
Chlorobenzene	ND		10.0	9.42		ug/L		94	72 - 120	4	15
Chloroethane	ND		10.0	9.32		ug/L		93	27 - 131	2	35
Chloroform	ND		10.0	8.93		ug/L		89	73 - 121	7	17
Chloromethane	ND		10.0	9.40		ug/L		94	39 - 134	0	20
cis-1,2-Dichloroethene	0.49	J	10.0	9.66		ug/L		92	66 - 124	6	22
cis-1,3-Dichloropropene	ND		10.0	9.44		ug/L		94	60 - 120	6	21
Cyclohexane	0.49	J	10.0	10.5		ug/L		100	41 - 137	4	35
Dichlorobromomethane	ND		10.0	9.12		ug/L		91	72 - 120	6	19
Dichlorodifluoromethane	ND		10.0	10.2		ug/L		102	14 - 137	11	34
Ethylbenzene	ND		10.0	9.45		ug/L		94	68 - 121	4	16
Ethylene Dibromide	ND		10.0	9.40		ug/L		94	69 - 125	3	24
m-Xylene & p-Xylene	ND		10.0	9.59		ug/L		96	66 - 123	2	15
Isopropylbenzene	ND		10.0	9.32		ug/L		93	61 - 122	2	20
Methyl acetate	ND		50.0	44.1		ug/L		88	64 - 124	2	12
2-Butanone (MEK)	ND		20.0	17.0		ug/L		85	49 - 132	2	19
4-Methyl-2-pentanone (MIBK)	ND		20.0	18.2		ug/L		91	58 - 136	3	32
Methyl tert-butyl ether	ND		10.0	9.40		ug/L		94	61 - 121	2	12
Methylene Chloride	ND		10.0	8.67		ug/L		87	70 - 124	10	14
o-Xylene	ND		10.0	9.37		ug/L		94	68 - 121	3	14
Styrene	ND		10.0	8.89		ug/L		89	64 - 126	3	15
Tetrachloroethene	ND		10.0	9.59		ug/L		96	59 - 125	0	20
Toluene	ND		10.0	9.44		ug/L		94	72 - 122	3	15
trans-1,2-Dichloroethene	ND		10.0	9.68		ug/L		97	72 - 125	2	25
trans-1,3-Dichloropropene	ND		10.0	10.0		ug/L		100	58 - 132	4	22
Trichloroethene	0.86	J	10.0	10.6		ug/L		97	61 - 129	3	14
Trichlorofluoromethane	ND		10.0	11.2		ug/L		112	49 - 133	10	25
Vinyl chloride	ND		10.0	8.98		ug/L		90	44 - 122	4	35

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-53332-26 MSD
Matrix: Water
Analysis Batch: 190107

Client Sample ID: TW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, Total	ND		20.0	19.0		ug/L		95	67 - 122	2	14
Methylcyclohexane	ND		10.0	10.7		ug/L		107	39 - 135	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*78 - 125*
4-Bromofluorobenzene (Surr)	*90*		*61 - 120*
Toluene-d8 (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*79 - 120*

Lab Sample ID: MB 240-190923/18
Matrix: Water
Analysis Batch: 190923

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.44	ug/L			07/28/15 17:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			07/28/15 17:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.45	ug/L			07/28/15 17:05	1
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			07/28/15 17:05	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/28/15 17:05	1
1,1-Dichloroethene	ND		1.0	0.45	ug/L			07/28/15 17:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.32	ug/L			07/28/15 17:05	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.82	ug/L			07/28/15 17:05	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L			07/28/15 17:05	1
1,2-Dichloroethane	ND		1.0	0.23	ug/L			07/28/15 17:05	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			07/28/15 17:05	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			07/28/15 17:05	1
1,4-Dichlorobenzene	ND		1.0	0.27	ug/L			07/28/15 17:05	1
2-Hexanone	ND		10	0.48	ug/L			07/28/15 17:05	1
Acetone	ND		10	0.94	ug/L			07/28/15 17:05	1
Benzene	ND		1.0	0.35	ug/L			07/28/15 17:05	1
Bromoform	ND		1.0	0.56	ug/L			07/28/15 17:05	1
Bromomethane	ND		1.0	0.44	ug/L			07/28/15 17:05	1
Carbon disulfide	ND		1.0	0.38	ug/L			07/28/15 17:05	1
Carbon tetrachloride	ND		1.0	0.43	ug/L			07/28/15 17:05	1
Chlorobenzene	ND		1.0	0.25	ug/L			07/28/15 17:05	1
Chloroethane	ND		1.0	0.32	ug/L			07/28/15 17:05	1
Chloroform	ND		1.0	0.25	ug/L			07/28/15 17:05	1
Chloromethane	ND		1.0	0.44	ug/L			07/28/15 17:05	1
cis-1,2-Dichloroethene	ND		1.0	0.26	ug/L			07/28/15 17:05	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			07/28/15 17:05	1
Cyclohexane	ND		1.0	0.45	ug/L			07/28/15 17:05	1
Dichlorobromomethane	ND		1.0	0.29	ug/L			07/28/15 17:05	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			07/28/15 17:05	1
Ethylbenzene	ND		1.0	0.25	ug/L			07/28/15 17:05	1
Ethylene Dibromide	ND		1.0	0.32	ug/L			07/28/15 17:05	1
Isopropyl ether	ND		10	0.50	ug/L			07/28/15 17:05	1
Isopropylbenzene	ND		1.0	0.35	ug/L			07/28/15 17:05	1
Methyl acetate	ND		10	2.3	ug/L			07/28/15 17:05	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-190923/18
Matrix: Water
Analysis Batch: 190923

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10	0.53	ug/L			07/28/15 17:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			07/28/15 17:05	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/28/15 17:05	1
Tert-amyl methyl ether	ND		5.0	0.30	ug/L			07/28/15 17:05	1
Methylene Chloride	ND		1.0	0.33	ug/L			07/28/15 17:05	1
Styrene	ND		1.0	0.45	ug/L			07/28/15 17:05	1
Tert-butyl ethyl ether	ND		5.0	0.23	ug/L			07/28/15 17:05	1
Tetrachloroethene	ND		1.0	0.31	ug/L			07/28/15 17:05	1
Toluene	ND		1.0	0.23	ug/L			07/28/15 17:05	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/28/15 17:05	1
trans-1,3-Dichloropropene	ND		1.0	0.56	ug/L			07/28/15 17:05	1
Trichloroethene	ND		1.0	0.22	ug/L			07/28/15 17:05	1
Trichlorofluoromethane	ND		1.0	0.49	ug/L			07/28/15 17:05	1
Vinyl chloride	ND		1.0	0.29	ug/L			07/28/15 17:05	1
2-Methyl-2-propanol	ND		50	4.9	ug/L			07/28/15 17:05	1
Xylenes, Total	ND		2.0	0.52	ug/L			07/28/15 17:05	1
Methylcyclohexane	ND		1.0	0.43	ug/L			07/28/15 17:05	1
Chlorodibromomethane	ND		1.0	0.43	ug/L			07/28/15 17:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*78 - 125*		*07/28/15 17:05*	*1*
4-Bromofluorobenzene (Surr)	*99*		*61 - 120*		*07/28/15 17:05*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/28/15 17:05*	*1*
Dibromofluoromethane (Surr)	*96*		*79 - 120*		*07/28/15 17:05*	*1*

Lab Sample ID: LCS 240-190923/16
Matrix: Water
Analysis Batch: 190923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.31		ug/L		93	77 - 123
1,1,2,2-Tetrachloroethane	10.0	8.72		ug/L		87	71 - 123
1,1,2-Trichloro-1,2,2-trifluoroetha ne	10.0	9.50		ug/L		95	67 - 138
1,1,2-Trichloroethane	10.0	9.27		ug/L		93	80 - 120
1,1-Dichloroethane	10.0	9.65		ug/L		97	79 - 125
1,1-Dichloroethene	10.0	8.16		ug/L		82	76 - 124
1,2,4-Trichlorobenzene	10.0	8.57		ug/L		86	61 - 120
1,2-Dibromo-3-Chloropropane	10.0	9.99		ug/L		100	50 - 132
1,2-Dichlorobenzene	10.0	9.47		ug/L		95	79 - 120
1,2-Dichloroethane	10.0	9.55		ug/L		96	80 - 120
1,2-Dichloropropane	10.0	9.28		ug/L		93	78 - 124
1,3-Dichlorobenzene	10.0	9.34		ug/L		93	79 - 120
1,4-Dichlorobenzene	10.0	9.36		ug/L		94	79 - 120
2-Hexanone	20.0	18.6		ug/L		93	55 - 141
Acetone	20.0	18.6		ug/L		93	34 - 148
Benzene	10.0	9.27		ug/L		93	80 - 120
Bromoform	10.0	8.45		ug/L		85	56 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-190923/16
Matrix: Water
Analysis Batch: 190923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	10.0	8.28		ug/L		83	38 - 132
Carbon disulfide	10.0	8.26		ug/L		83	65 - 144
Carbon tetrachloride	10.0	9.41		ug/L		94	77 - 131
Chlorobenzene	10.0	9.21		ug/L		92	80 - 120
Chloroethane	10.0	8.78		ug/L		88	36 - 126
Chloroform	10.0	9.32		ug/L		93	80 - 120
Chloromethane	10.0	8.34		ug/L		83	48 - 133
cis-1,2-Dichloroethene	10.0	9.35		ug/L		93	79 - 120
cis-1,3-Dichloropropene	10.0	9.76		ug/L		98	74 - 126
Cyclohexane	10.0	8.78		ug/L		88	60 - 140
Dichlorobromomethane	10.0	9.38		ug/L		94	80 - 120
Dichlorodifluoromethane	10.0	7.28		ug/L		73	23 - 136
Ethylbenzene	10.0	9.34		ug/L		93	80 - 120
Ethylene Dibromide	10.0	9.41		ug/L		94	80 - 120
m-Xylene & p-Xylene	10.0	9.39		ug/L		94	80 - 120
Isopropylbenzene	10.0	9.44		ug/L		94	77 - 120
Methyl acetate	50.0	44.6		ug/L		89	67 - 131
2-Butanone (MEK)	20.0	17.9		ug/L		89	56 - 138
4-Methyl-2-pentanone (MIBK)	20.0	19.0		ug/L		95	64 - 135
Methyl tert-butyl ether	10.0	9.35		ug/L		94	69 - 121
Methylene Chloride	10.0	9.68		ug/L		97	77 - 129
o-Xylene	10.0	9.46		ug/L		95	80 - 120
Styrene	10.0	8.95		ug/L		90	76 - 122
Tetrachloroethene	10.0	9.47		ug/L		95	78 - 121
Toluene	10.0	9.30		ug/L		93	80 - 120
trans-1,2-Dichloroethene	10.0	9.30		ug/L		93	80 - 124
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	75 - 131
Trichloroethene	10.0	9.36		ug/L		94	80 - 121
Trichlorofluoromethane	10.0	9.19		ug/L		92	61 - 133
Vinyl chloride	10.0	8.58		ug/L		86	52 - 121
Xylenes, Total	20.0	18.9		ug/L		94	80 - 120
Methylcyclohexane	10.0	8.83		ug/L		88	61 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*78 - 125*
4-Bromofluorobenzene (Surr)	*99*		*61 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*79 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-189889/23-A
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		50	3.5	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2,4,5-Trichlorophenol	ND		150	25	ug/Kg		07/21/15 07:48	07/25/15 11:55	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-189889/23-A
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		150	8.9	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2,4-Dichlorophenol	ND		150	20	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2,4-Dimethylphenol	ND		150	20	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2,4-Dinitrophenol	ND		330	21	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2,4-Dinitrotoluene	ND		200	17	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2-Chloronaphthalene	ND		50	0.45	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2-Chlorophenol	ND		50	8.2	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2-Methylnaphthalene	ND		6.7	0.50	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2-Methylphenol	ND		200	11	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2-Nitroaniline	ND		200	9.1	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2-Nitrophenol	ND		50	8.3	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
3,3'-Dichlorobenzidine	ND		100	18	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
3-Nitroaniline	ND		200	16	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
4,6-Dinitro-2-methylphenol	ND		150	9.2	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
4-Bromophenyl phenyl ether	ND		50	13	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
4-Chloro-3-methylphenol	ND		150	21	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
4-Chloroaniline	ND		150	17	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
4-Chlorophenyl phenyl ether	ND		50	13	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
4-Nitroaniline	ND		200	26	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Acenaphthene	ND		6.7	0.76	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Acenaphthylene	ND		6.7	0.35	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Acetophenone	ND		100	9.2	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Anthracene	ND		6.7	0.78	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Atrazine	ND		200	9.1	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Benzaldehyde	ND		100	12	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Benzo[a]anthracene	ND		6.7	0.63	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Benzo[a]pyrene	ND		6.7	0.64	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Benzo[b]fluoranthene	ND		6.7	0.59	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Benzo[g,h,i]perylene	ND		6.7	0.35	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Benzo[k]fluoranthene	ND		6.7	0.68	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Bis(2-chloroethoxy)methane	ND		100	22	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Bis(2-chloroethyl)ether	ND		100	2.0	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Bis(2-ethylhexyl) phthalate	19.2	J	70	19	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Butyl benzyl phthalate	ND		70	10	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Caprolactam	ND		330	37	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Carbazole	ND		50	27	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Chrysene	ND		6.7	1.1	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Dibenz(a,h)anthracene	ND		6.7	0.66	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Dibenzofuran	ND		50	0.66	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Diethyl phthalate	ND		70	16	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Dimethyl phthalate	ND		70	17	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Di-n-butyl phthalate	25.4	J	70	15	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Di-n-octyl phthalate	ND		70	7.9	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Fluoranthene	ND		6.7	0.55	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Fluorene	ND		6.7	0.53	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Hexachlorobenzene	ND		6.7	2.1	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Hexachlorobutadiene	ND		50	5.6	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Hexachlorocyclopentadiene	ND		330	8.1	ug/Kg		07/21/15 07:48	07/25/15 11:55	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-189889/23-A
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		50	9.0	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Indeno[1,2,3-cd]pyrene	ND		6.7	0.35	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Isophorone	ND		50	13	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
N-Nitrosodi-n-propylamine	ND		50	6.3	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
N-Nitrosodiphenylamine	ND		50	21	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Naphthalene	ND		6.7	0.82	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Nitrobenzene	ND		100	2.2	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Pentachlorophenol	ND		150	9.1	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Phenanthrene	ND		6.7	0.73	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
bis (2-chloroisopropyl) ether	ND		100	9.5	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Phenol	ND		50	7.3	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
2,6-Dinitrotoluene	ND		200	21	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
Pyrene	ND		6.7	0.44	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
3 & 4 Methylphenol	ND		400	20	ug/Kg		07/21/15 07:48	07/25/15 11:55	1
4-Nitrophenol	ND		330	17	ug/Kg		07/21/15 07:48	07/25/15 11:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*91*		*36 - 110*	*07/21/15 07:48*	*07/25/15 11:55*	*1*
Phenol-d5 (Surr)	*83*		*26 - 110*	*07/21/15 07:48*	*07/25/15 11:55*	*1*
Nitrobenzene-d5 (Surr)	*92*		*20 - 110*	*07/21/15 07:48*	*07/25/15 11:55*	*1*
2-Fluorophenol (Surr)	*78*		*24 - 110*	*07/21/15 07:48*	*07/25/15 11:55*	*1*
2-Fluorobiphenyl (Surr)	*75*		*24 - 110*	*07/21/15 07:48*	*07/25/15 11:55*	*1*
2,4,6-Tribromophenol (Surr)	*22*		*10 - 110*	*07/21/15 07:48*	*07/25/15 11:55*	*1*

Lab Sample ID: LCS 240-189889/24-A
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	667	388		ug/Kg		58	35 - 110
2,4,5-Trichlorophenol	667	316		ug/Kg		47	25 - 110
2,4,6-Trichlorophenol	667	324		ug/Kg		49	12 - 110
2,4-Dichlorophenol	667	471		ug/Kg		71	39 - 110
2,4-Dimethylphenol	667	506		ug/Kg		76	29 - 110
2,4-Dinitrophenol	1330	723		ug/Kg		54	10 - 110
2,4-Dinitrotoluene	667	479		ug/Kg		72	48 - 110
2-Chloronaphthalene	667	415		ug/Kg		62	32 - 110
2-Chlorophenol	667	421		ug/Kg		63	37 - 110
2-Methylnaphthalene	667	442		ug/Kg		66	36 - 110
2-Methylphenol	667	467		ug/Kg		70	41 - 110
2-Nitroaniline	667	470		ug/Kg		71	45 - 110
2-Nitrophenol	667	420		ug/Kg		63	34 - 110
3,3'-Dichlorobenzidine	1330	884		ug/Kg		66	28 - 110
3-Nitroaniline	667	459		ug/Kg		69	44 - 110
4,6-Dinitro-2-methylphenol	1330	811		ug/Kg		61	10 - 110
4-Bromophenyl phenyl ether	667	437		ug/Kg		65	39 - 110
4-Chloro-3-methylphenol	667	504		ug/Kg		76	48 - 110
4-Chloroaniline	667	406		ug/Kg		61	30 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-189889/24-A
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorophenyl phenyl ether	667	449		ug/Kg		67	40 - 110
4-Nitroaniline	667	486		ug/Kg		73	48 - 110
Acenaphthene	667	392		ug/Kg		59	38 - 110
Acenaphthylene	667	394		ug/Kg		59	40 - 110
Acetophenone	667	467		ug/Kg		70	40 - 110
Anthracene	667	443		ug/Kg		66	48 - 110
Atrazine	1330	1130		ug/Kg		85	66 - 127
Benzaldehyde	1330	985		ug/Kg		74	32 - 110
Benzo[a]anthracene	667	498		ug/Kg		75	50 - 110
Benzo[a]pyrene	667	497		ug/Kg		75	44 - 110
Benzo[b]fluoranthene	667	516		ug/Kg		77	43 - 110
Benzo[g,h,i]perylene	667	410		ug/Kg		62	51 - 110
Benzo[k]fluoranthene	667	508		ug/Kg		76	38 - 105
Bis(2-chloroethoxy)methane	667	467		ug/Kg		70	32 - 110
Bis(2-chloroethyl)ether	667	438		ug/Kg		66	34 - 110
Bis(2-ethylhexyl) phthalate	667	555		ug/Kg		83	50 - 110
Butyl benzyl phthalate	667	504		ug/Kg		76	51 - 110
Caprolactam	1330	1080		ug/Kg		81	44 - 114
Carbazole	667	493		ug/Kg		74	50 - 110
Chrysene	667	495		ug/Kg		74	50 - 110
Dibenz(a,h)anthracene	667	415		ug/Kg		62	51 - 110
Dibenzofuran	667	434		ug/Kg		65	43 - 110
Diethyl phthalate	667	436		ug/Kg		65	52 - 110
Dimethyl phthalate	667	482		ug/Kg		72	50 - 110
Di-n-butyl phthalate	667	493		ug/Kg		74	51 - 110
Di-n-octyl phthalate	667	522		ug/Kg		78	48 - 110
Fluoranthene	667	502		ug/Kg		75	51 - 110
Fluorene	667	425		ug/Kg		64	46 - 110
Hexachlorobenzene	667	376		ug/Kg		56	43 - 110
Hexachlorobutadiene	667	509		ug/Kg		76	29 - 110
Hexachlorocyclopentadiene	667	317	J	ug/Kg		48	12 - 110
Hexachloroethane	667	424		ug/Kg		64	30 - 110
Indeno[1,2,3-cd]pyrene	667	430		ug/Kg		65	50 - 110
Isophorone	667	538		ug/Kg		81	36 - 110
N-Nitrosodi-n-propylamine	667	513		ug/Kg		77	38 - 110
N-Nitrosodiphenylamine	1330	943		ug/Kg		71	46 - 110
Naphthalene	667	426		ug/Kg		64	36 - 110
Nitrobenzene	667	536		ug/Kg		80	32 - 110
Pentachlorophenol	1330	607		ug/Kg		46	10 - 110
Phenanthrene	667	428		ug/Kg		64	49 - 110
bis (2-chloroisopropyl) ether	667	292		ug/Kg		44	29 - 110
Phenol	667	482		ug/Kg		72	38 - 110
2,6-Dinitrotoluene	667	479		ug/Kg		72	45 - 110
Pyrene	667	525		ug/Kg		79	49 - 110
3 & 4 Methylphenol	667	478		ug/Kg		72	40 - 110
4-Nitrophenol	1330	1190		ug/Kg		90	28 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-189889/24-A
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189889

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*77*		*36 - 110*
Phenol-d5 (Surr)	*73*		*26 - 110*
Nitrobenzene-d5 (Surr)	*79*		*20 - 110*
2-Fluorophenol (Surr)	*70*		*24 - 110*
2-Fluorobiphenyl (Surr)	*64*		*24 - 110*
2,4,6-Tribromophenol (Surr)	*32*		*10 - 110*

Lab Sample ID: 240-53332-23 MS
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	ND		816	558		ug/Kg	☼	68	32 - 110
bis (2-chloroisopropyl) ether	ND		816	383		ug/Kg	☼	47	11 - 110
2,4,5-Trichlorophenol	ND		816	447		ug/Kg	☼	55	10 - 117
2,4,6-Trichlorophenol	ND		816	261		ug/Kg	☼	32	10 - 110
2,4-Dichlorophenol	ND		816	682		ug/Kg	☼	84	10 - 110
2,4-Dimethylphenol	ND		816	718		ug/Kg	☼	88	10 - 110
2,4-Dinitrophenol	ND		1630	539		ug/Kg	☼	33	10 - 110
2,4-Dinitrotoluene	ND		816	684		ug/Kg	☼	84	32 - 110
2,6-Dinitrotoluene	ND		816	663		ug/Kg	☼	81	35 - 110
2-Chloronaphthalene	ND		816	600		ug/Kg	☼	74	28 - 110
2-Chlorophenol	ND		816	583		ug/Kg	☼	72	10 - 110
2-Methylnaphthalene	33		816	629		ug/Kg	☼	73	10 - 133
2-Methylphenol	ND		816	679		ug/Kg	☼	83	24 - 110
2-Nitroaniline	ND		816	708		ug/Kg	☼	87	39 - 110
2-Nitrophenol	ND		816	542		ug/Kg	☼	66	10 - 110
3,3'-Dichlorobenzidine	ND		1630	877		ug/Kg	☼	54	10 - 110
3-Nitroaniline	ND		816	597		ug/Kg	☼	73	10 - 110
4,6-Dinitro-2-methylphenol	ND		1630	640		ug/Kg	☼	39	10 - 110
4-Bromophenyl phenyl ether	ND		816	625		ug/Kg	☼	77	33 - 110
4-Chloro-3-methylphenol	ND		816	748		ug/Kg	☼	92	25 - 110
4-Chloroaniline	ND		816	469		ug/Kg	☼	57	10 - 110
4-Chlorophenyl phenyl ether	ND		816	685		ug/Kg	☼	84	32 - 110
4-Nitroaniline	ND		816	602		ug/Kg	☼	74	10 - 110
4-Nitrophenol	ND		1630	1850		ug/Kg	☼	113	10 - 113
Acenaphthene	4.9	J	816	593		ug/Kg	☼	72	22 - 110
Acenaphthylene	ND		816	571		ug/Kg	☼	70	24 - 110
Acetophenone	ND		816	622		ug/Kg	☼	76	31 - 110
Anthracene	11		816	637		ug/Kg	☼	77	20 - 110
Atrazine	ND		1630	1620		ug/Kg	☼	99	45 - 118
Benzaldehyde	ND		1630	1280		ug/Kg	☼	79	23 - 110
Benzo[a]anthracene	30		816	726		ug/Kg	☼	85	10 - 122
Benzo[a]pyrene	42		816	764		ug/Kg	☼	89	10 - 110
Benzo[b]fluoranthene	56		816	968		ug/Kg	☼	112	12 - 118
Benzo[g,h,i]perylene	ND		816	243		ug/Kg	☼	30	10 - 117
Benzo[k]fluoranthene	16		816	870		ug/Kg	☼	105	10 - 121
Bis(2-chloroethoxy)methane	ND		816	609		ug/Kg	☼	75	26 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-53332-23 MS
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethyl)ether	ND		816	586		ug/Kg	☼	72	21 - 110
Bis(2-ethylhexyl) phthalate	49	J B	816	806		ug/Kg	☼	93	40 - 110
Butyl benzyl phthalate	ND		816	778		ug/Kg	☼	95	44 - 110
Caprolactam	ND		1630	1530		ug/Kg	☼	94	10 - 134
Carbazole	ND		816	684		ug/Kg	☼	84	34 - 110
Chrysene	76		816	762		ug/Kg	☼	84	10 - 125
Dibenz(a,h)anthracene	ND		816	307		ug/Kg	☼	38	14 - 113
Dibenzofuran	ND		816	646		ug/Kg	☼	79	29 - 110
Diethyl phthalate	ND		816	637		ug/Kg	☼	78	42 - 110
Dimethyl phthalate	ND		816	674		ug/Kg	☼	83	41 - 110
Di-n-butyl phthalate	38	J B	816	701		ug/Kg	☼	81	43 - 110
Di-n-octyl phthalate	ND	F1	816	1400	F1	ug/Kg	☼	171	24 - 119
Fluoranthene	54		816	744		ug/Kg	☼	84	10 - 110
Fluorene	6.8	J	816	645		ug/Kg	☼	78	23 - 110
Hexachlorobenzene	ND		816	548		ug/Kg	☼	67	34 - 110
Hexachlorobutadiene	ND		816	645		ug/Kg	☼	79	25 - 110
Hexachlorocyclopentadiene	ND	F1	816	ND	F1	ug/Kg	☼	0	10 - 110
Hexachloroethane	ND		816	505		ug/Kg	☼	62	12 - 110
Indeno[1,2,3-cd]pyrene	ND		816	303		ug/Kg	☼	37	10 - 114
Isophorone	ND		816	722		ug/Kg	☼	89	29 - 110
N-Nitrosodi-n-propylamine	ND		816	700		ug/Kg	☼	86	26 - 110
N-Nitrosodiphenylamine	ND		1630	1350		ug/Kg	☼	83	22 - 110
Naphthalene	6.5	J	816	571		ug/Kg	☼	69	10 - 111
Nitrobenzene	ND		816	679		ug/Kg	☼	83	23 - 110
Pentachlorophenol	ND		1630	191		ug/Kg	☼	12	10 - 110
Phenanthrene	65		816	653		ug/Kg	☼	72	10 - 166
Phenol	ND		816	664		ug/Kg	☼	81	17 - 110
Pyrene	72		816	822		ug/Kg	☼	92	10 - 147
3 & 4 Methylphenol	ND		816	693		ug/Kg	☼	85	25 - 110

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*95*		*36 - 110*
Phenol-d5 (Surr)	*88*		*26 - 110*
Nitrobenzene-d5 (Surr)	*86*		*20 - 110*
2-Fluorophenol (Surr)	*78*		*24 - 110*
2-Fluorobiphenyl (Surr)	*75*		*24 - 110*
2,4,6-Tribromophenol (Surr)	*19*		*10 - 110*

Lab Sample ID: 240-53332-23 MSD
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		817	514		ug/Kg	☼	63	32 - 110	8	32
bis (2-chloroisopropyl) ether	ND		817	367		ug/Kg	☼	45	11 - 110	4	42
2,4,5-Trichlorophenol	ND		817	481		ug/Kg	☼	59	10 - 117	7	99
2,4,6-Trichlorophenol	ND		817	296		ug/Kg	☼	36	10 - 110	13	38
2,4-Dichlorophenol	ND		817	665		ug/Kg	☼	81	10 - 110	3	34

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-53332-23 MSD
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dimethylphenol	ND		817	709		ug/Kg	☼	87	10 - 110	1	31
2,4-Dinitrophenol	ND		1630	435		ug/Kg	☼	27	10 - 110	21	99
2,4-Dinitrotoluene	ND		817	613		ug/Kg	☼	75	32 - 110	11	30
2,6-Dinitrotoluene	ND		817	599		ug/Kg	☼	73	35 - 110	10	30
2-Chloronaphthalene	ND		817	563		ug/Kg	☼	69	28 - 110	6	30
2-Chlorophenol	ND		817	559		ug/Kg	☼	68	10 - 110	4	47
2-Methylnaphthalene	33		817	594		ug/Kg	☼	69	10 - 133	6	42
2-Methylphenol	ND		817	655		ug/Kg	☼	80	24 - 110	4	51
2-Nitroaniline	ND		817	636		ug/Kg	☼	78	39 - 110	11	31
2-Nitrophenol	ND		817	538		ug/Kg	☼	66	10 - 110	1	49
3,3'-Dichlorobenzidine	ND		1630	808		ug/Kg	☼	49	10 - 110	8	56
3-Nitroaniline	ND		817	547		ug/Kg	☼	67	10 - 110	9	30
4,6-Dinitro-2-methylphenol	ND		1630	555		ug/Kg	☼	34	10 - 110	14	55
4-Bromophenyl phenyl ether	ND		817	588		ug/Kg	☼	72	33 - 110	6	30
4-Chloro-3-methylphenol	ND		817	696		ug/Kg	☼	85	25 - 110	7	54
4-Chloroaniline	ND		817	429		ug/Kg	☼	52	10 - 110	9	36
4-Chlorophenyl phenyl ether	ND		817	604		ug/Kg	☼	74	32 - 110	13	30
4-Nitroaniline	ND		817	572		ug/Kg	☼	70	10 - 110	5	48
4-Nitrophenol	ND		1630	1760		ug/Kg	☼	108	10 - 113	5	49
Acenaphthene	4.9	J	817	545		ug/Kg	☼	66	22 - 110	8	99
Acenaphthylene	ND		817	534		ug/Kg	☼	65	24 - 110	7	99
Acetophenone	ND		817	598		ug/Kg	☼	73	31 - 110	4	43
Anthracene	11		817	581		ug/Kg	☼	70	20 - 110	9	99
Atrazine	ND		1630	1500		ug/Kg	☼	92	45 - 118	8	30
Benzaldehyde	ND		1630	1210		ug/Kg	☼	74	23 - 110	6	42
Benzo[a]anthracene	30		817	666		ug/Kg	☼	78	10 - 122	9	99
Benzo[a]pyrene	42		817	674		ug/Kg	☼	77	10 - 110	13	99
Benzo[b]fluoranthene	56		817	855		ug/Kg	☼	98	12 - 118	12	99
Benzo[g,h,i]perylene	ND		817	213		ug/Kg	☼	26	10 - 117	13	99
Benzo[k]fluoranthene	16		817	778		ug/Kg	☼	93	10 - 121	11	99
Bis(2-chloroethoxy)methane	ND		817	596		ug/Kg	☼	73	26 - 110	2	37
Bis(2-chloroethyl)ether	ND		817	563		ug/Kg	☼	69	21 - 110	4	55
Bis(2-ethylhexyl) phthalate	49	J B	817	823		ug/Kg	☼	95	40 - 110	2	30
Butyl benzyl phthalate	ND		817	718		ug/Kg	☼	88	44 - 110	8	30
Caprolactam	ND		1630	1460		ug/Kg	☼	89	10 - 134	5	32
Carbazole	ND		817	633		ug/Kg	☼	78	34 - 110	8	30
Chrysene	76		817	693		ug/Kg	☼	75	10 - 125	10	99
Dibenz(a,h)anthracene	ND		817	284		ug/Kg	☼	35	14 - 113	8	99
Dibenzofuran	ND		817	595		ug/Kg	☼	73	29 - 110	8	30
Diethyl phthalate	ND		817	594		ug/Kg	☼	73	42 - 110	7	30
Dimethyl phthalate	ND		817	622		ug/Kg	☼	76	41 - 110	8	30
Di-n-butyl phthalate	38	J B	817	643		ug/Kg	☼	74	43 - 110	9	30
Di-n-octyl phthalate	ND	F1	817	1280	F1	ug/Kg	☼	157	24 - 119	9	30
Fluoranthene	54		817	698		ug/Kg	☼	79	10 - 110	6	99
Fluorene	6.8	J	817	595		ug/Kg	☼	72	23 - 110	8	99
Hexachlorobenzene	ND		817	502		ug/Kg	☼	61	34 - 110	9	30
Hexachlorobutadiene	ND		817	631		ug/Kg	☼	77	25 - 110	2	34
Hexachlorocyclopentadiene	ND	F1	817	ND	F1	ug/Kg	☼	0	10 - 110	NC	79

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-53332-23 MSD
Matrix: Solid
Analysis Batch: 190630

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachloroethane	ND		817	465		ug/Kg	☼	57	12 - 110	8	50
Indeno[1,2,3-cd]pyrene	ND		817	268		ug/Kg	☼	33	10 - 114	12	99
Isophorone	ND		817	670		ug/Kg	☼	82	29 - 110	8	38
N-Nitrosodi-n-propylamine	ND		817	671		ug/Kg	☼	82	26 - 110	4	42
N-Nitrosodiphenylamine	ND		1630	1250		ug/Kg	☼	77	22 - 110	7	30
Naphthalene	6.5	J	817	544		ug/Kg	☼	66	10 - 111	5	99
Nitrobenzene	ND		817	671		ug/Kg	☼	82	23 - 110	1	41
Pentachlorophenol	ND		1630	225		ug/Kg	☼	14	10 - 110	16	50
Phenanthrene	65		817	616		ug/Kg	☼	67	10 - 166	6	99
Phenol	ND		817	647		ug/Kg	☼	79	17 - 110	3	53
Pyrene	72		817	764		ug/Kg	☼	85	10 - 147	7	99
3 & 4 Methylphenol	ND		817	665		ug/Kg	☼	81	25 - 110	4	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*87*		*36 - 110*
Phenol-d5 (Surr)	*79*		*26 - 110*
Nitrobenzene-d5 (Surr)	*81*		*20 - 110*
2-Fluorophenol (Surr)	*71*		*24 - 110*
2-Fluorobiphenyl (Surr)	*70*		*24 - 110*
2,4,6-Tribromophenol (Surr)	*23*		*10 - 110*

Lab Sample ID: MB 240-190330/4-A
Matrix: Water
Analysis Batch: 191094

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 190330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.12	ug/L		07/23/15 08:25	07/29/15 08:36	1
2,4,5-Trichlorophenol	ND		5.0	0.37	ug/L		07/23/15 08:25	07/29/15 08:36	1
2,4,6-Trichlorophenol	ND		5.0	0.26	ug/L		07/23/15 08:25	07/29/15 08:36	1
2,4-Dichlorophenol	ND		2.0	0.29	ug/L		07/23/15 08:25	07/29/15 08:36	1
2,4-Dimethylphenol	ND		2.0	0.31	ug/L		07/23/15 08:25	07/29/15 08:36	1
2,4-Dinitrophenol	ND		40	6.1	ug/L		07/23/15 08:25	07/29/15 08:36	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		07/23/15 08:25	07/29/15 08:36	1
2-Chloronaphthalene	ND		1.0	0.12	ug/L		07/23/15 08:25	07/29/15 08:36	1
2-Chlorophenol	ND		1.0	0.13	ug/L		07/23/15 08:25	07/29/15 08:36	1
2-Methylnaphthalene	ND		0.20	0.037	ug/L		07/23/15 08:25	07/29/15 08:36	1
2-Methylphenol	ND		1.0	0.19	ug/L		07/23/15 08:25	07/29/15 08:36	1
2-Nitroaniline	ND		2.0	0.31	ug/L		07/23/15 08:25	07/29/15 08:36	1
2-Nitrophenol	ND		2.0	0.21	ug/L		07/23/15 08:25	07/29/15 08:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.35	ug/L		07/23/15 08:25	07/29/15 08:36	1
3-Nitroaniline	ND		2.0	0.27	ug/L		07/23/15 08:25	07/29/15 08:36	1
4,6-Dinitro-2-methylphenol	ND		5.0	0.53	ug/L		07/23/15 08:25	07/29/15 08:36	1
4-Bromophenyl phenyl ether	ND		2.0	0.35	ug/L		07/23/15 08:25	07/29/15 08:36	1
4-Chloro-3-methylphenol	ND		2.0	0.28	ug/L		07/23/15 08:25	07/29/15 08:36	1
4-Chloroaniline	ND		2.0	0.15	ug/L		07/23/15 08:25	07/29/15 08:36	1
4-Chlorophenyl phenyl ether	ND		2.0	0.29	ug/L		07/23/15 08:25	07/29/15 08:36	1
4-Nitroaniline	ND		2.0	0.24	ug/L		07/23/15 08:25	07/29/15 08:36	1
Acenaphthene	ND		0.20	0.044	ug/L		07/23/15 08:25	07/29/15 08:36	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-190330/4-A
Matrix: Water
Analysis Batch: 191094

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 190330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		0.20	0.020	ug/L		07/23/15 08:25	07/29/15 08:36	1
Acetophenone	ND		1.0	0.14	ug/L		07/23/15 08:25	07/29/15 08:36	1
Anthracene	ND		0.20	0.031	ug/L		07/23/15 08:25	07/29/15 08:36	1
Atrazine	ND		1.0	0.12	ug/L		07/23/15 08:25	07/29/15 08:36	1
Benzaldehyde	ND		1.0	0.30	ug/L		07/23/15 08:25	07/29/15 08:36	1
Benzo[a]anthracene	ND		0.20	0.059	ug/L		07/23/15 08:25	07/29/15 08:36	1
Benzo[a]pyrene	ND		0.20	0.030	ug/L		07/23/15 08:25	07/29/15 08:36	1
Benzo[b]fluoranthene	ND		0.20	0.059	ug/L		07/23/15 08:25	07/29/15 08:36	1
Benzo[g,h,i]perylene	ND		0.20	0.050	ug/L		07/23/15 08:25	07/29/15 08:36	1
Benzo[k]fluoranthene	ND		0.20	0.048	ug/L		07/23/15 08:25	07/29/15 08:36	1
Bis(2-chloroethoxy)methane	ND		1.0	0.037	ug/L		07/23/15 08:25	07/29/15 08:36	1
Bis(2-chloroethyl)ether	ND		1.0	0.19	ug/L		07/23/15 08:25	07/29/15 08:36	1
Bis(2-ethylhexyl) phthalate	ND		2.0	1.5	ug/L		07/23/15 08:25	07/29/15 08:36	1
Butyl benzyl phthalate	ND		1.0	0.22	ug/L		07/23/15 08:25	07/29/15 08:36	1
Caprolactam	ND		5.0	0.37	ug/L		07/23/15 08:25	07/29/15 08:36	1
Carbazole	ND		1.0	0.11	ug/L		07/23/15 08:25	07/29/15 08:36	1
Chrysene	ND		0.20	0.035	ug/L		07/23/15 08:25	07/29/15 08:36	1
Dibenz(a,h)anthracene	ND		0.20	0.040	ug/L		07/23/15 08:25	07/29/15 08:36	1
Dibenzofuran	ND		1.0	0.14	ug/L		07/23/15 08:25	07/29/15 08:36	1
Diethyl phthalate	ND		1.0	0.13	ug/L		07/23/15 08:25	07/29/15 08:36	1
Dimethyl phthalate	ND		1.0	0.10	ug/L		07/23/15 08:25	07/29/15 08:36	1
Di-n-butyl phthalate	1.21		1.0	0.40	ug/L		07/23/15 08:25	07/29/15 08:36	1
Di-n-octyl phthalate	ND		1.0	0.37	ug/L		07/23/15 08:25	07/29/15 08:36	1
Fluoranthene	ND		0.20	0.027	ug/L		07/23/15 08:25	07/29/15 08:36	1
Fluorene	ND		0.20	0.034	ug/L		07/23/15 08:25	07/29/15 08:36	1
Hexachlorobenzene	ND		1.0	0.12	ug/L		07/23/15 08:25	07/29/15 08:36	1
Hexachlorobutadiene	ND		1.0	0.14	ug/L		07/23/15 08:25	07/29/15 08:36	1
Hexachlorocyclopentadiene	ND		10	2.5	ug/L		07/23/15 08:25	07/29/15 08:36	1
Hexachloroethane	ND		1.0	0.22	ug/L		07/23/15 08:25	07/29/15 08:36	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.048	ug/L		07/23/15 08:25	07/29/15 08:36	1
Isophorone	ND		1.0	0.042	ug/L		07/23/15 08:25	07/29/15 08:36	1
N-Nitrosodi-n-propylamine	ND		1.0	0.16	ug/L		07/23/15 08:25	07/29/15 08:36	1
N-Nitrosodiphenylamine	ND		1.0	0.11	ug/L		07/23/15 08:25	07/29/15 08:36	1
Naphthalene	ND		0.20	0.043	ug/L		07/23/15 08:25	07/29/15 08:36	1
Nitrobenzene	ND		1.0	0.12	ug/L		07/23/15 08:25	07/29/15 08:36	1
Pentachlorophenol	ND		40	5.5	ug/L		07/23/15 08:25	07/29/15 08:36	1
Phenanthrene	ND		0.20	0.031	ug/L		07/23/15 08:25	07/29/15 08:36	1
bis (2-chloroisopropyl) ether	ND		1.0	0.18	ug/L		07/23/15 08:25	07/29/15 08:36	1
Phenol	ND		1.0	0.15	ug/L		07/23/15 08:25	07/29/15 08:36	1
2,6-Dinitrotoluene	ND		5.0	0.24	ug/L		07/23/15 08:25	07/29/15 08:36	1
Pyrene	ND		0.20	0.028	ug/L		07/23/15 08:25	07/29/15 08:36	1
3 & 4 Methylphenol	ND		2.0	0.34	ug/L		07/23/15 08:25	07/29/15 08:36	1
4-Nitrophenol	ND		5.0	0.59	ug/L		07/23/15 08:25	07/29/15 08:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*67*		*31 - 115*	*07/23/15 08:25*	*07/29/15 08:36*	*1*
Phenol-d5 (Surr)	*28*		*10 - 110*	*07/23/15 08:25*	*07/29/15 08:36*	*1*
Nitrobenzene-d5 (Surr)	*56*		*31 - 110*	*07/23/15 08:25*	*07/29/15 08:36*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-190330/4-A
Matrix: Water
Analysis Batch: 191094

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 190330

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	42		15 - 110	07/23/15 08:25	07/29/15 08:36	1
2-Fluorobiphenyl (Surr)	66		29 - 110	07/23/15 08:25	07/29/15 08:36	1
2,4,6-Tribromophenol (Surr)	62		21 - 128	07/23/15 08:25	07/29/15 08:36	1

Lab Sample ID: LCS 240-190330/5-A
Matrix: Water
Analysis Batch: 191094

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 190330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	32.0	23.1		ug/L		72	43 - 120
2,4,5-Trichlorophenol	32.0	23.5		ug/L		74	49 - 120
2,4,6-Trichlorophenol	32.0	24.7		ug/L		77	50 - 120
2,4-Dichlorophenol	32.0	24.3		ug/L		76	54 - 120
2,4-Dimethylphenol	32.0	21.5		ug/L		67	40 - 125
2,4-Dinitrophenol	64.0	35.5	J	ug/L		56	30 - 120
2,4-Dinitrotoluene	32.0	25.0		ug/L		78	50 - 120
2-Chloronaphthalene	32.0	22.7		ug/L		71	43 - 120
2-Chlorophenol	32.0	21.9		ug/L		68	53 - 120
2-Methylnaphthalene	32.0	24.7		ug/L		77	46 - 120
2-Methylphenol	32.0	20.3		ug/L		63	52 - 120
2-Nitroaniline	32.0	22.3		ug/L		70	47 - 120
2-Nitrophenol	32.0	24.9		ug/L		78	53 - 120
3,3'-Dichlorobenzidine	64.0	21.5		ug/L		34	30 - 120
3-Nitroaniline	32.0	41.5		ug/L		130	40 - 144
4,6-Dinitro-2-methylphenol	64.0	37.0		ug/L		58	40 - 120
4-Bromophenyl phenyl ether	32.0	25.2		ug/L		79	49 - 120
4-Chloro-3-methylphenol	32.0	23.0		ug/L		72	55 - 120
4-Chloroaniline	32.0	8.93		ug/L		28	20 - 136
4-Chlorophenyl phenyl ether	32.0	24.4		ug/L		76	48 - 120
4-Nitroaniline	32.0	24.2		ug/L		75	40 - 135
Acenaphthene	32.0	23.7		ug/L		74	48 - 120
Acenaphthylene	32.0	24.0		ug/L		75	47 - 120
Acetophenone	32.0	22.3		ug/L		70	53 - 120
Anthracene	32.0	23.7		ug/L		74	50 - 120
Atrazine	64.0	53.1		ug/L		83	49 - 120
Benzaldehyde	64.0	66.6	E	ug/L		104	40 - 160
Benzo[a]anthracene	32.0	23.0		ug/L		72	46 - 120
Benzo[a]pyrene	32.0	26.3		ug/L		82	49 - 120
Benzo[b]fluoranthene	32.0	31.2		ug/L		98	49 - 120
Benzo[g,h,i]perylene	32.0	21.1		ug/L		66	48 - 120
Benzo[k]fluoranthene	32.0	27.0		ug/L		84	50 - 120
Bis(2-chloroethoxy)methane	32.0	21.6		ug/L		68	54 - 120
Bis(2-chloroethyl)ether	32.0	20.0		ug/L		63	51 - 120
Bis(2-ethylhexyl) phthalate	32.0	26.6		ug/L		83	30 - 156
Butyl benzyl phthalate	32.0	24.0		ug/L		75	40 - 125
Caprolactam	64.0	12.5		ug/L		20	10 - 120
Carbazole	32.0	26.3		ug/L		82	46 - 127
Chrysene	32.0	23.4		ug/L		73	45 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-190330/5-A
Matrix: Water
Analysis Batch: 191094

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 190330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibenz(a,h)anthracene	32.0	22.9		ug/L		72	49 - 120
Dibenzofuran	32.0	24.0		ug/L		75	45 - 120
Diethyl phthalate	32.0	27.2		ug/L		85	48 - 121
Dimethyl phthalate	32.0	25.2		ug/L		79	50 - 120
Di-n-butyl phthalate	32.0	27.6		ug/L		86	40 - 160
Di-n-octyl phthalate	32.0	31.2		ug/L		98	40 - 128
Fluoranthene	32.0	24.8		ug/L		78	50 - 120
Fluorene	32.0	24.3		ug/L		76	50 - 120
Hexachlorobenzene	32.0	24.6		ug/L		77	46 - 120
Hexachlorobutadiene	32.0	26.3		ug/L		82	30 - 120
Hexachlorocyclopentadiene	32.0	19.3		ug/L		60	4 - 120
Hexachloroethane	32.0	22.1		ug/L		69	30 - 120
Indeno[1,2,3-cd]pyrene	32.0	23.2		ug/L		73	48 - 140
Isophorone	32.0	23.2		ug/L		72	52 - 120
N-Nitrosodi-n-propylamine	32.0	20.8		ug/L		65	52 - 117
N-Nitrosodiphenylamine	64.0	49.4		ug/L		77	47 - 109
Naphthalene	32.0	23.6		ug/L		74	45 - 120
Nitrobenzene	32.0	22.3		ug/L		70	54 - 120
Pentachlorophenol	64.0	40.1		ug/L		63	30 - 120
Phenanthrene	32.0	24.2		ug/L		75	50 - 120
bis (2-chloroisopropyl) ether	32.0	17.7		ug/L		55	45 - 112
Phenol	32.0	11.0	*	ug/L		34	40 - 120
2,6-Dinitrotoluene	32.0	25.3		ug/L		79	52 - 120
Pyrene	32.0	23.7		ug/L		74	49 - 114
3 & 4 Methylphenol	32.0	18.4		ug/L		58	50 - 120
4-Nitrophenol	64.0	28.1		ug/L		44	30 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*78*		*31 - 115*
Phenol-d5 (Surr)	*35*		*10 - 110*
Nitrobenzene-d5 (Surr)	*71*		*31 - 110*
2-Fluorophenol (Surr)	*48*		*15 - 110*
2-Fluorobiphenyl (Surr)	*75*		*29 - 110*
2,4,6-Tribromophenol (Surr)	*83*		*21 - 128*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 240-189960/5
Matrix: Water
Analysis Batch: 189960

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100	25	ug/L			07/21/15 14:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*69*		*40 - 133*		*07/21/15 14:14*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 240-189960/6
Matrix: Water
Analysis Batch: 189960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics [C6 - C10]			800	720		ug/L		90	67 - 132		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*89*		*40 - 133*

Lab Sample ID: 240-53332-26 MS
Matrix: Water
Analysis Batch: 189960

Client Sample ID: TW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics [C6 - C10]	31	J	800	767		ug/L		92	63 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*88*		*40 - 133*

Lab Sample ID: 240-53332-26 MSD
Matrix: Water
Analysis Batch: 189960

Client Sample ID: TW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	31	J	800	693		ug/L		83	63 - 120	10	11

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Trifluorotoluene (Surr)	*83*		*40 - 133*

Lab Sample ID: MB 240-190315/1-A
Matrix: Solid
Analysis Batch: 190289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 190315

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100	46	ug/Kg		07/23/15 07:27	07/23/15 12:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*65*		*40 - 139*	*07/23/15 07:27*	*07/23/15 12:51*	*1*

Lab Sample ID: LCS 240-190315/2-A
Matrix: Solid
Analysis Batch: 190289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 190315

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics [C6 - C10]			800	708		ug/Kg		89	74 - 120		

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 240-190315/2-A
Matrix: Solid
Analysis Batch: 190289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 190315

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	89		40 - 139

Lab Sample ID: 240-53332-1 MS
Matrix: Solid
Analysis Batch: 190289

Client Sample ID: SB-1A
Prep Type: Total/NA
Prep Batch: 190315

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics [C6 - C10]	ND		930	699		ug/Kg	☼	75	10 - 136		

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	86		40 - 139

Lab Sample ID: 240-53332-1 MSD
Matrix: Solid
Analysis Batch: 190289

Client Sample ID: SB-1A
Prep Type: Total/NA
Prep Batch: 190315

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		929	743		ug/Kg	☼	80	10 - 136	6	40

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	88		40 - 139

Lab Sample ID: MB 240-190690/1-A
Matrix: Solid
Analysis Batch: 190670

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 190690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100	46	ug/Kg		07/27/15 05:12	07/27/15 07:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	69		40 - 139	07/27/15 05:12	07/27/15 07:06	1

Lab Sample ID: LCS 240-190690/2-A
Matrix: Solid
Analysis Batch: 190670

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 190690

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics [C6 - C10]			800	718		ug/Kg		90	74 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	89		40 - 139

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 240-53332-23 MS — **Client Sample ID: SB-12A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190670 — **Prep Batch: 190690**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics [C6 - C10]	ND		973	150		ug/Kg	☼	15	10 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*23*	*X*	*40 - 139*

Lab Sample ID: 240-53332-23 MSD — **Client Sample ID: SB-12A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190670 — **Prep Batch: 190690**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		985	142		ug/Kg	☼	14	10 - 136	5	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Trifluorotoluene (Surr)	*20*	*X*	*40 - 139*

Lab Sample ID: MB 240-190897/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190902 — **Prep Batch: 190897**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100	46	ug/Kg		07/28/15 06:13	07/28/15 15:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*40 - 139*	*07/28/15 06:13*	*07/28/15 15:46*	*1*

Lab Sample ID: LCS 240-190897/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190902 — **Prep Batch: 190897**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics [C6 - C10]	800	796		ug/Kg		99	74 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*92*		*40 - 139*

Lab Sample ID: 240-53332-18 MS — **Client Sample ID: SB-9B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190902 — **Prep Batch: 190897**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics [C6 - C10]	ND	F2	952	173		ug/Kg	☼	18	10 - 136

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 240-53332-18 MS
Matrix: Solid
Analysis Batch: 190902

Client Sample ID: SB-9B
Prep Type: Total/NA
Prep Batch: 190897

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*16*	*X*	*40 - 139*

Lab Sample ID: 240-53332-18 MSD
Matrix: Solid
Analysis Batch: 190902

Client Sample ID: SB-9B
Prep Type: Total/NA
Prep Batch: 190897

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND	F2	950	907	F2	ug/Kg	☼	95	10 - 136	136	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Trifluorotoluene (Surr)	*88*		*40 - 139*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 240-189874/12-A
Matrix: Water
Analysis Batch: 190232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189874

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		100	41	ug/L		07/21/15 05:50	07/23/15 17:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*40 - 160*	*07/21/15 05:50*	*07/23/15 17:19*	*1*

Lab Sample ID: LCS 240-189874/13-A
Matrix: Water
Analysis Batch: 190232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189874

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10 - C28]			500	352		ug/L		70	40 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*84*		*40 - 160*

Lab Sample ID: 240-53332-26 MS
Matrix: Water
Analysis Batch: 190505

Client Sample ID: TW-7
Prep Type: Total/NA
Prep Batch: 189874

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10 - C28]	250		476	467		ug/L		45	27 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*74*		*40 - 160*

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 240-53332-26 MSD — **Client Sample ID: TW-7**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 190505 — **Prep Batch: 189874**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10 - C28]	250		476	491		ug/L		50	27 - 120	5	31

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*77*		*40 - 160*

Lab Sample ID: 240-53332-11 MS — **Client Sample ID: SB-6A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190505 — **Prep Batch: 189882**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10 - C28]	24		97.4	67.6		mg/Kg	☼	45	10 - 124		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*79*		*40 - 160*

Lab Sample ID: 240-53332-11 MSD — **Client Sample ID: SB-6A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190505 — **Prep Batch: 189882**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10 - C28]	24		99.6	78.4		mg/Kg	☼	55	10 - 124	15	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*85*		*40 - 160*

Lab Sample ID: MB 240-189886/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190129 — **Prep Batch: 189886**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		17	6.4	mg/Kg		07/21/15 07:26	07/23/15 16:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*65*		*40 - 160*	*07/21/15 07:26*	*07/23/15 16:16*	*1*

Lab Sample ID: LCS 240-189886/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190129 — **Prep Batch: 189886**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10 - C28]			83.3	63.1		mg/Kg		76	52 - 120		

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 240-189886/24-A
Matrix: Solid
Analysis Batch: 190129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189886

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*65*		*40 - 160*

Lab Sample ID: 240-53332-23 MS
Matrix: Solid
Analysis Batch: 190129

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10 - C28]	55		102	138		mg/Kg	☼	81	10 - 124

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*86*		*40 - 160*

Lab Sample ID: 240-53332-23 MSD
Matrix: Solid
Analysis Batch: 190129

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10 - C28]	55		102	105		mg/Kg	☼	49	10 - 124	27	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*73*		*40 - 160*

Lab Sample ID: MB 240-190118/6-A
Matrix: Solid
Analysis Batch: 190503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 190118

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10 - C28]	ND		17	6.4	mg/Kg		07/22/15 08:50	07/24/15 23:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*71*		*40 - 160*	*07/22/15 08:50*	*07/24/15 23:53*	*1*

Lab Sample ID: LCS 240-190118/7-A
Matrix: Solid
Analysis Batch: 190503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 190118

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10 - C28]	83.3	55.7		mg/Kg		67	52 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*61*		*40 - 160*

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 240-53332-8 MS — **Client Sample ID: SB-4B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190503 — **Prep Batch: 190118**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10 - C28]	ND		91.0	71.4		mg/Kg	☼	79	10 - 124

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*78*		*40 - 160*

Lab Sample ID: 240-53332-8 MSD — **Client Sample ID: SB-4B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190503 — **Prep Batch: 190118**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10 - C28]	ND		89.8	65.3		mg/Kg	☼	73	10 - 124	9	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*69*		*40 - 160*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-189900/13-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190268 — **Prep Batch: 189900**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		07/21/15 08:51	07/23/15 14:45	1
Aroclor-1221	ND		33	16	ug/Kg		07/21/15 08:51	07/23/15 14:45	1
Aroclor-1232	ND		33	20	ug/Kg		07/21/15 08:51	07/23/15 14:45	1
Aroclor-1242	ND		33	11	ug/Kg		07/21/15 08:51	07/23/15 14:45	1
Aroclor-1248	ND		33	8.0	ug/Kg		07/21/15 08:51	07/23/15 14:45	1
Aroclor-1254	ND		33	14	ug/Kg		07/21/15 08:51	07/23/15 14:45	1
Aroclor-1260	ND		33	9.0	ug/Kg		07/21/15 08:51	07/23/15 14:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*13 - 134*	*07/21/15 08:51*	*07/23/15 14:45*	*1*
DCB Decachlorobiphenyl	*107*		*10 - 155*	*07/21/15 08:51*	*07/23/15 14:45*	*1*

Lab Sample ID: LCS 240-189900/14-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190268 — **Prep Batch: 189900**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	333	368		ug/Kg		111	51 - 120
Aroclor-1260	333	368		ug/Kg		110	48 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*102*		*13 - 134*
DCB Decachlorobiphenyl	*124*		*10 - 155*

QC Sample Results

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Lab Sample ID: LCSD 240-189900/15-A
Matrix: Solid
Analysis Batch: 190268

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 189900

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016			333	329		ug/Kg		99	51 - 120	11	30
Aroclor-1260			333	321		ug/Kg		96	48 - 120	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*88*		*13 - 134*
DCB Decachlorobiphenyl	*109*		*10 - 155*

Lab Sample ID: 240-53332-23 MS
Matrix: Solid
Analysis Batch: 190268

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016	ND		411	459		ug/Kg	☼	112	17 - 141		
Aroclor-1260	ND	F1	411	420		ug/Kg	☼	102	19 - 137		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*91*		*13 - 134*
DCB Decachlorobiphenyl	*124*		*10 - 155*

Lab Sample ID: 240-53332-23 MSD
Matrix: Solid
Analysis Batch: 190268

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	ND		413	431		ug/Kg	☼	104	17 - 141	6	56
Aroclor-1260	ND	F1	413	422		ug/Kg	☼	102	19 - 137	0	55

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*101*		*13 - 134*
DCB Decachlorobiphenyl	*120*		*10 - 155*

Lab Sample ID: MB 490-267943/1-A
Matrix: Water
Analysis Batch: 268307

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 267943

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.50	0.43	ug/L		07/25/15 09:44	07/27/15 14:09	1
Aroclor-1221	ND		0.50	0.34	ug/L		07/25/15 09:44	07/27/15 14:09	1
Aroclor-1232	ND		0.50	0.40	ug/L		07/25/15 09:44	07/27/15 14:09	1
Aroclor-1242	ND		0.50	0.22	ug/L		07/25/15 09:44	07/27/15 14:09	1
Aroclor-1248	ND		0.50	0.15	ug/L		07/25/15 09:44	07/27/15 14:09	1
Aroclor-1254	ND		0.50	0.17	ug/L		07/25/15 09:44	07/27/15 14:09	1
Aroclor-1260	ND		0.50	0.18	ug/L		07/25/15 09:44	07/27/15 14:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*10 - 150*	*07/25/15 09:44*	*07/27/15 14:09*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*10 - 150*	*07/25/15 09:44*	*07/27/15 14:09*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 490-267943/2-A
Matrix: Water
Analysis Batch: 268307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 267943

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	4.00	3.25		ug/L		81	23 - 139
Aroclor-1260	4.00	2.92		ug/L		73	36 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*73*		*10 - 150*
DCB Decachlorobiphenyl (Surr)	*77*		*10 - 150*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 240-189994/1-A ^2
Matrix: Solid
Analysis Batch: 190331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.20	0.0014	mg/Kg		07/21/15 12:38	07/22/15 20:00	2
Arsenic	0.0426	J	1.0	0.026	mg/Kg		07/21/15 12:38	07/22/15 20:00	2
Barium	ND		1.0	0.22	mg/Kg		07/21/15 12:38	07/22/15 20:00	2
Cadmium	ND		0.20	0.0037	mg/Kg		07/21/15 12:38	07/22/15 20:00	2
Chromium	0.341	J	0.40	0.060	mg/Kg		07/21/15 12:38	07/22/15 20:00	2
Lead	ND		0.20	0.045	mg/Kg		07/21/15 12:38	07/22/15 20:00	2
Selenium	0.0440	J	1.0	0.040	mg/Kg		07/21/15 12:38	07/22/15 20:00	2

Lab Sample ID: LCS 240-189994/3-A ^2
Matrix: Solid
Analysis Batch: 190331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	10.0	9.37		mg/Kg		94	60 - 114
Arsenic	100	84.5		mg/Kg		85	73 - 110
Barium	100	93.3		mg/Kg		93	70 - 110
Cadmium	100	90.4		mg/Kg		90	74 - 110
Chromium	100	95.3		mg/Kg		95	70 - 110
Lead	100	104		mg/Kg		104	75 - 110
Selenium	100	85.2		mg/Kg		85	65 - 110

Lab Sample ID: 240-53332-23 MS
Matrix: Solid
Analysis Batch: 190331

Client Sample ID: SB-12A
Prep Type: Total/NA
Prep Batch: 189994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.036	J	10.5	9.51		mg/Kg	☼	90	75 - 125
Arsenic	3.8	B	105	90.1		mg/Kg	☼	82	75 - 125
Barium	82	F1 F2	105	296	F1	mg/Kg	☼	203	75 - 125
Cadmium	0.46		105	92.4		mg/Kg	☼	87	75 - 125
Chromium	20	B	105	106		mg/Kg	☼	82	75 - 125
Lead	10		105	114		mg/Kg	☼	98	75 - 125
Selenium	1.2	B	105	87.9		mg/Kg	☼	82	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 240-53332-23 MSD — **Client Sample ID: SB-12A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190331 — **Prep Batch: 189994**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	0.036	J	10.5	9.52		mg/Kg	☼	90	75 - 125	0	20
Arsenic	3.8	B	105	89.9		mg/Kg	☼	82	75 - 125	0	20
Barium	82	F1 F2	105	231	F1 F2	mg/Kg	☼	142	75 - 125	24	20
Cadmium	0.46		105	92.0		mg/Kg	☼	87	75 - 125	0	20
Chromium	20	B	105	107		mg/Kg	☼	83	75 - 125	0	20
Lead	10		105	117		mg/Kg	☼	101	75 - 125	3	20
Selenium	1.2	B	105	86.9		mg/Kg	☼	81	75 - 125	1	20

Lab Sample ID: MB 240-189918/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 190331 — **Prep Batch: 189918**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.0	0.020	ug/L		07/21/15 09:48	07/22/15 15:55	1
Arsenic	0.202	J	5.0	0.18	ug/L		07/21/15 09:48	07/22/15 15:55	1
Barium	ND		5.0	1.1	ug/L		07/21/15 09:48	07/22/15 15:55	1
Cadmium	ND		1.0	0.061	ug/L		07/21/15 09:48	07/22/15 15:55	1
Chromium	1.35	J	2.0	0.20	ug/L		07/21/15 09:48	07/22/15 15:55	1
Lead	0.149	J	1.0	0.11	ug/L		07/21/15 09:48	07/22/15 15:55	1
Selenium	ND		5.0	0.25	ug/L		07/21/15 09:48	07/22/15 15:55	1

Lab Sample ID: LCS 240-189918/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 190331 — **Prep Batch: 189918**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	100	94.3		ug/L		94	80 - 120
Arsenic	1000	894		ug/L		89	80 - 120
Barium	1000	1020		ug/L		102	80 - 120
Cadmium	1000	1060		ug/L		106	80 - 120
Chromium	1000	948		ug/L		95	80 - 120
Lead	1000	1030		ug/L		103	80 - 120
Selenium	1000	914		ug/L		91	80 - 120

Lab Sample ID: 240-53332-26 MS — **Client Sample ID: TW-7**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 190331 — **Prep Batch: 189918**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.087	J	100	90.7		ug/L		91	75 - 125
Arsenic	72	B	1000	973		ug/L		90	75 - 125
Barium	250	F1	1000	1480		ug/L		123	75 - 125
Cadmium	23		1000	1050		ug/L		103	75 - 125
Chromium	140	B	1000	923		ug/L		78	75 - 125
Lead	23	B	1000	983		ug/L		96	75 - 125
Selenium	5.4		1000	892		ug/L		89	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 240-53332-26 MSD — **Client Sample ID: TW-7**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 190331 — **Prep Batch: 189918**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	0.087	J	100	93.5		ug/L		93	75 - 125	3	20
Arsenic	72	B	1000	1010		ug/L		94	75 - 125	4	20
Barium	250	F1	1000	1520	F1	ug/L		127	75 - 125	3	20
Cadmium	23		1000	1080		ug/L		105	75 - 125	3	20
Chromium	140	B	1000	951		ug/L		81	75 - 125	3	20
Lead	23	B	1000	1010		ug/L		99	75 - 125	3	20
Selenium	5.4		1000	922		ug/L		92	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-189928/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 190204 — **Prep Batch: 189928**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.090	ug/L		07/21/15 14:00	07/22/15 13:58	1

Lab Sample ID: LCS 240-189928/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 190204 — **Prep Batch: 189928**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.00	5.12		ug/L		102	80 - 120

Lab Sample ID: 240-53332-26 MS — **Client Sample ID: TW-7**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 190204 — **Prep Batch: 189928**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		1.00	1.07		ug/L		107	80 - 120

Lab Sample ID: 240-53332-26 MSD — **Client Sample ID: TW-7**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 190204 — **Prep Batch: 189928**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		1.00	0.972		ug/L		97	80 - 120	10	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-190013/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190207 — **Prep Batch: 190013**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.014	mg/Kg		07/21/15 15:50	07/22/15 12:47	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 240-190013/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190207 — **Prep Batch: 190013**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.894		mg/Kg		107	80 - 120

Lab Sample ID: 240-53332-23 MS — **Client Sample ID: SB-12A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190207 — **Prep Batch: 190013**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.232	0.270		mg/Kg	☼	116	80 - 120

Lab Sample ID: 240-53332-23 MSD — **Client Sample ID: SB-12A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 190207 — **Prep Batch: 190013**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.232	0.251		mg/Kg	☼	108	80 - 120	7	20

Method: Moisture - Percent Moisture

Lab Sample ID: 240-53332-8 DU — **Client Sample ID: SB-4B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 189668

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	92		89		%		3	20
Percent Moisture	8.4		11	F3	%		25	20

Lab Sample ID: 240-53332-14 DU — **Client Sample ID: SB-7B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 189668

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	93		92		%		0.5	20
Percent Moisture	7.4		7.9		%		6	20

Lab Sample ID: 240-53332-23 DU — **Client Sample ID: SB-12A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 189668

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	81		78		%		3	20
Percent Moisture	19		22		%		14	20

QC Association Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

GC/MS VOA

Analysis Batch: 189765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-32	EB-1GW	Total/NA	Water	8260C	
240-53332-33	EB-1S	Total/NA	Water	8260C	
240-53332-35	TB-1	Total/NA	Water	8260C	
240-53332-36	TB-2	Total/NA	Water	8260C	
LCS 240-189765/4	Lab Control Sample	Total/NA	Water	8260C	
MB 240-189765/6	Method Blank	Total/NA	Water	8260C	

Prep Batch: 189860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	5035	
240-53332-3	SB-2A	Total/NA	Solid	5035	
240-53332-5	SB-3A	Total/NA	Solid	5035	
240-53332-7	SB-4A	Total/NA	Solid	5035	
240-53332-9	SB-5A	Total/NA	Solid	5035	
240-53332-11	SB-6A	Total/NA	Solid	5035	
240-53332-13	SB-7A	Total/NA	Solid	5035	
240-53332-15	SB-8A	Total/NA	Solid	5035	
240-53332-17	SB-9A	Total/NA	Solid	5035	
240-53332-19	SB-10A	Total/NA	Solid	5035	
240-53332-21	SB-11A	Total/NA	Solid	5035	
240-53332-23	SB-12A	Total/NA	Solid	5035	
240-53332-23 MS	SB-12A	Total/NA	Solid	5035	
240-53332-23 MSD	SB-12A	Total/NA	Solid	5035	
240-53332-34	SB-10AS	Total/NA	Solid	5035	
MB 240-189860/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 189933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	8260B	189860
240-53332-3	SB-2A	Total/NA	Solid	8260B	189860
240-53332-5	SB-3A	Total/NA	Solid	8260B	189860
240-53332-7	SB-4A	Total/NA	Solid	8260B	189860
240-53332-9	SB-5A	Total/NA	Solid	8260B	189860
240-53332-11	SB-6A	Total/NA	Solid	8260B	189860
240-53332-13	SB-7A	Total/NA	Solid	8260B	189860
240-53332-15	SB-8A	Total/NA	Solid	8260B	189860
240-53332-17	SB-9A	Total/NA	Solid	8260B	189860
240-53332-19	SB-10A	Total/NA	Solid	8260B	189860
240-53332-21	SB-11A	Total/NA	Solid	8260B	189860
240-53332-23	SB-12A	Total/NA	Solid	8260B	189860
240-53332-23 MS	SB-12A	Total/NA	Solid	8260B	189860
240-53332-23 MSD	SB-12A	Total/NA	Solid	8260B	189860
240-53332-34	SB-10AS	Total/NA	Solid	8260B	189860
LCS 240-189933/30	Lab Control Sample	Total/NA	Solid	8260B	
LCS 240-189933/7	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-189860/1-A	Method Blank	Total/NA	Solid	8260B	189860

Analysis Batch: 190107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-26	TW-7	Total/NA	Water	8260C	
240-53332-26 MS	TW-7	Total/NA	Water	8260C	

GC/MS VOA (Continued)

Analysis Batch: 190107 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-26 MSD	TW-7	Total/NA	Water	8260C	
240-53332-29	TW-6	Total/NA	Water	8260C	
240-53332-30	TW-1	Total/NA	Water	8260C	
LCS 240-190107/5	Lab Control Sample	Total/NA	Water	8260C	
MB 240-190107/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 190923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-25	TW-4	Total/NA	Water	8260C	
240-53332-27	TW-8	Total/NA	Water	8260C	
240-53332-28	TW-8D	Total/NA	Water	8260C	
240-53332-31	TW-12	Total/NA	Water	8260C	
LCS 240-190923/16	Lab Control Sample	Total/NA	Water	8260C	
MB 240-190923/18	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 189889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	3540C	
240-53332-3	SB-2A	Total/NA	Solid	3540C	
240-53332-11	SB-6A	Total/NA	Solid	3540C	
240-53332-13	SB-7A	Total/NA	Solid	3540C	
240-53332-19	SB-10A	Total/NA	Solid	3540C	
240-53332-23	SB-12A	Total/NA	Solid	3540C	
240-53332-23 MS	SB-12A	Total/NA	Solid	3540C	
240-53332-23 MSD	SB-12A	Total/NA	Solid	3540C	
240-53332-34	SB-10AS	Total/NA	Solid	3540C	
LCS 240-189889/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-189889/23-A	Method Blank	Total/NA	Solid	3540C	

Prep Batch: 190330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-33	EB-1S	Total/NA	Water	3510C	
LCS 240-190330/5-A	Lab Control Sample	Total/NA	Water	3510C	
MB 240-190330/4-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 190630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	8270D	189889
240-53332-3	SB-2A	Total/NA	Solid	8270D	189889
240-53332-11	SB-6A	Total/NA	Solid	8270D	189889
240-53332-13	SB-7A	Total/NA	Solid	8270D	189889
240-53332-19	SB-10A	Total/NA	Solid	8270D	189889
240-53332-23	SB-12A	Total/NA	Solid	8270D	189889
240-53332-23 MS	SB-12A	Total/NA	Solid	8270D	189889
240-53332-23 MSD	SB-12A	Total/NA	Solid	8270D	189889
240-53332-34	SB-10AS	Total/NA	Solid	8270D	189889
LCS 240-189889/24-A	Lab Control Sample	Total/NA	Solid	8270D	189889
MB 240-189889/23-A	Method Blank	Total/NA	Solid	8270D	189889

GC/MS Semi VOA (Continued)

Analysis Batch: 191094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-33	EB-1S	Total/NA	Water	8270D	190330
LCS 240-190330/5-A	Lab Control Sample	Total/NA	Water	8270D	190330
MB 240-190330/4-A	Method Blank	Total/NA	Water	8270D	190330

GC VOA

Analysis Batch: 189960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-25	TW-4	Total/NA	Water	8015D	
240-53332-26	TW-7	Total/NA	Water	8015D	
240-53332-26 MS	TW-7	Total/NA	Water	8015D	
240-53332-26 MSD	TW-7	Total/NA	Water	8015D	
240-53332-27	TW-8	Total/NA	Water	8015D	
240-53332-28	TW-8D	Total/NA	Water	8015D	
240-53332-29	TW-6	Total/NA	Water	8015D	
240-53332-30	TW-1	Total/NA	Water	8015D	
240-53332-31	TW-12	Total/NA	Water	8015D	
240-53332-32	EB-1GW	Total/NA	Water	8015D	
240-53332-33	EB-1S	Total/NA	Water	8015D	
LCS 240-189960/6	Lab Control Sample	Total/NA	Water	8015D	
MB 240-189960/5	Method Blank	Total/NA	Water	8015D	

Analysis Batch: 190289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	8015D	190315
240-53332-1 MS	SB-1A	Total/NA	Solid	8015D	190315
240-53332-1 MSD	SB-1A	Total/NA	Solid	8015D	190315
240-53332-2	SB-1B	Total/NA	Solid	8015D	190315
240-53332-3	SB-2A	Total/NA	Solid	8015D	190315
240-53332-5	SB-3A	Total/NA	Solid	8015D	190315
240-53332-6	SB-3B	Total/NA	Solid	8015D	190315
240-53332-7	SB-4A	Total/NA	Solid	8015D	190315
240-53332-8	SB-4B	Total/NA	Solid	8015D	190315
240-53332-9	SB-5A	Total/NA	Solid	8015D	190315
240-53332-10	SB-5B	Total/NA	Solid	8015D	190315
240-53332-11	SB-6A	Total/NA	Solid	8015D	190315
240-53332-12	SB-6B	Total/NA	Solid	8015D	190315
LCS 240-190315/2-A	Lab Control Sample	Total/NA	Solid	8015D	190315
MB 240-190315/1-A	Method Blank	Total/NA	Solid	8015D	190315

Prep Batch: 190315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	5030C	
240-53332-1 MS	SB-1A	Total/NA	Solid	5030C	
240-53332-1 MSD	SB-1A	Total/NA	Solid	5030C	
240-53332-2	SB-1B	Total/NA	Solid	5030C	
240-53332-3	SB-2A	Total/NA	Solid	5030C	
240-53332-5	SB-3A	Total/NA	Solid	5030C	
240-53332-6	SB-3B	Total/NA	Solid	5030C	
240-53332-7	SB-4A	Total/NA	Solid	5030C	

GC VOA (Continued)

Prep Batch: 190315 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-8	SB-4B	Total/NA	Solid	5030C	
240-53332-9	SB-5A	Total/NA	Solid	5030C	
240-53332-10	SB-5B	Total/NA	Solid	5030C	
240-53332-11	SB-6A	Total/NA	Solid	5030C	
240-53332-12	SB-6B	Total/NA	Solid	5030C	
LCS 240-190315/2-A	Lab Control Sample	Total/NA	Solid	5030C	
MB 240-190315/1-A	Method Blank	Total/NA	Solid	5030C	

Analysis Batch: 190670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-4	SB-2B	Total/NA	Solid	8015D	190690
240-53332-13	SB-7A	Total/NA	Solid	8015D	190690
240-53332-14	SB-7B	Total/NA	Solid	8015D	190690
240-53332-15	SB-8A	Total/NA	Solid	8015D	190690
240-53332-16	SB-8B	Total/NA	Solid	8015D	190690
240-53332-17	SB-9A	Total/NA	Solid	8015D	190690
240-53332-19	SB-10A	Total/NA	Solid	8015D	190690
240-53332-20	SB-10B	Total/NA	Solid	8015D	190690
240-53332-21	SB-11A	Total/NA	Solid	8015D	190690
240-53332-22	SB-11B	Total/NA	Solid	8015D	190690
240-53332-23	SB-12A	Total/NA	Solid	8015D	190690
240-53332-23 MS	SB-12A	Total/NA	Solid	8015D	190690
240-53332-23 MSD	SB-12A	Total/NA	Solid	8015D	190690
240-53332-24	SB-12B	Total/NA	Solid	8015D	190690
240-53332-34	SB-10AS	Total/NA	Solid	8015D	190690
LCS 240-190690/2-A	Lab Control Sample	Total/NA	Solid	8015D	190690
MB 240-190690/1-A	Method Blank	Total/NA	Solid	8015D	190690

Prep Batch: 190690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-4	SB-2B	Total/NA	Solid	5030C	
240-53332-13	SB-7A	Total/NA	Solid	5030C	
240-53332-14	SB-7B	Total/NA	Solid	5030C	
240-53332-15	SB-8A	Total/NA	Solid	5030C	
240-53332-16	SB-8B	Total/NA	Solid	5030C	
240-53332-17	SB-9A	Total/NA	Solid	5030C	
240-53332-19	SB-10A	Total/NA	Solid	5030C	
240-53332-20	SB-10B	Total/NA	Solid	5030C	
240-53332-21	SB-11A	Total/NA	Solid	5030C	
240-53332-22	SB-11B	Total/NA	Solid	5030C	
240-53332-23	SB-12A	Total/NA	Solid	5030C	
240-53332-23 MS	SB-12A	Total/NA	Solid	5030C	
240-53332-23 MSD	SB-12A	Total/NA	Solid	5030C	
240-53332-24	SB-12B	Total/NA	Solid	5030C	
240-53332-34	SB-10AS	Total/NA	Solid	5030C	
LCS 240-190690/2-A	Lab Control Sample	Total/NA	Solid	5030C	
MB 240-190690/1-A	Method Blank	Total/NA	Solid	5030C	

Prep Batch: 190897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-18	SB-9B	Total/NA	Solid	5030C	

GC VOA (Continued)

Prep Batch: 190897 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-18 MS	SB-9B	Total/NA	Solid	5030C	
240-53332-18 MSD	SB-9B	Total/NA	Solid	5030C	
LCS 240-190897/2-A	Lab Control Sample	Total/NA	Solid	5030C	
MB 240-190897/1-A	Method Blank	Total/NA	Solid	5030C	

Analysis Batch: 190902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-18	SB-9B	Total/NA	Solid	8015D	190897
240-53332-18 MS	SB-9B	Total/NA	Solid	8015D	190897
240-53332-18 MSD	SB-9B	Total/NA	Solid	8015D	190897
LCS 240-190897/2-A	Lab Control Sample	Total/NA	Solid	8015D	190897
MB 240-190897/1-A	Method Blank	Total/NA	Solid	8015D	190897

GC Semi VOA

Prep Batch: 189874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-25	TW-4	Total/NA	Water	3520C	
240-53332-26	TW-7	Total/NA	Water	3520C	
240-53332-26 MS	TW-7	Total/NA	Water	3520C	
240-53332-26 MSD	TW-7	Total/NA	Water	3520C	
240-53332-27	TW-8	Total/NA	Water	3520C	
240-53332-28	TW-8D	Total/NA	Water	3520C	
240-53332-29	TW-6	Total/NA	Water	3520C	
240-53332-30	TW-1	Total/NA	Water	3520C	
240-53332-31	TW-12	Total/NA	Water	3520C	
240-53332-32	EB-1GW	Total/NA	Water	3520C	
240-53332-33	EB-1S	Total/NA	Water	3520C	
LCS 240-189874/13-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-189874/12-A	Method Blank	Total/NA	Water	3520C	

Prep Batch: 189882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-9	SB-5A	Total/NA	Solid	3540C	
240-53332-10	SB-5B	Total/NA	Solid	3540C	
240-53332-11	SB-6A	Total/NA	Solid	3540C	
240-53332-11 MS	SB-6A	Total/NA	Solid	3540C	
240-53332-11 MSD	SB-6A	Total/NA	Solid	3540C	

Prep Batch: 189886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	3540C	
240-53332-2	SB-1B	Total/NA	Solid	3540C	
240-53332-3	SB-2A	Total/NA	Solid	3540C	
240-53332-4	SB-2B	Total/NA	Solid	3540C	
240-53332-5	SB-3A	Total/NA	Solid	3540C	
240-53332-6	SB-3B	Total/NA	Solid	3540C	
240-53332-7	SB-4A	Total/NA	Solid	3540C	
240-53332-12	SB-6B	Total/NA	Solid	3540C	
240-53332-13	SB-7A	Total/NA	Solid	3540C	

GC Semi VOA (Continued)

Prep Batch: 189886 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-14	SB-7B	Total/NA	Solid	3540C	
240-53332-15	SB-8A	Total/NA	Solid	3540C	
240-53332-16	SB-8B	Total/NA	Solid	3540C	
240-53332-17	SB-9A	Total/NA	Solid	3540C	
240-53332-18	SB-9B	Total/NA	Solid	3540C	
240-53332-19	SB-10A	Total/NA	Solid	3540C	
240-53332-20	SB-10B	Total/NA	Solid	3540C	
240-53332-21	SB-11A	Total/NA	Solid	3540C	
240-53332-22	SB-11B	Total/NA	Solid	3540C	
240-53332-23	SB-12A	Total/NA	Solid	3540C	
240-53332-23 MS	SB-12A	Total/NA	Solid	3540C	
240-53332-23 MSD	SB-12A	Total/NA	Solid	3540C	
240-53332-24	SB-12B	Total/NA	Solid	3540C	
LCS 240-189886/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-189886/23-A	Method Blank	Total/NA	Solid	3540C	

Prep Batch: 189900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	3540C	
240-53332-3	SB-2A	Total/NA	Solid	3540C	
240-53332-13	SB-7A	Total/NA	Solid	3540C	
240-53332-19	SB-10A	Total/NA	Solid	3540C	
240-53332-23	SB-12A	Total/NA	Solid	3540C	
240-53332-23 MS	SB-12A	Total/NA	Solid	3540C	
240-53332-23 MSD	SB-12A	Total/NA	Solid	3540C	
240-53332-34	SB-10AS	Total/NA	Solid	3540C	
LCS 240-189900/14-A	Lab Control Sample	Total/NA	Solid	3540C	
LCSD 240-189900/15-A	Lab Control Sample Dup	Total/NA	Solid	3540C	
MB 240-189900/13-A	Method Blank	Total/NA	Solid	3540C	

Prep Batch: 190118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-8	SB-4B	Total/NA	Solid	3540C	
240-53332-8 MS	SB-4B	Total/NA	Solid	3540C	
240-53332-8 MSD	SB-4B	Total/NA	Solid	3540C	
240-53332-34	SB-10AS	Total/NA	Solid	3540C	
LCS 240-190118/7-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-190118/6-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 190129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	8015D	189886
240-53332-2	SB-1B	Total/NA	Solid	8015D	189886
240-53332-12	SB-6B	Total/NA	Solid	8015D	189886
240-53332-14	SB-7B	Total/NA	Solid	8015D	189886
240-53332-15	SB-8A	Total/NA	Solid	8015D	189886
240-53332-16	SB-8B	Total/NA	Solid	8015D	189886
240-53332-17	SB-9A	Total/NA	Solid	8015D	189886
240-53332-18	SB-9B	Total/NA	Solid	8015D	189886
240-53332-19	SB-10A	Total/NA	Solid	8015D	189886
240-53332-20	SB-10B	Total/NA	Solid	8015D	189886

GC Semi VOA (Continued)

Analysis Batch: 190129 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-21	SB-11A	Total/NA	Solid	8015D	189886
240-53332-22	SB-11B	Total/NA	Solid	8015D	189886
240-53332-23	SB-12A	Total/NA	Solid	8015D	189886
240-53332-23 MS	SB-12A	Total/NA	Solid	8015D	189886
240-53332-23 MSD	SB-12A	Total/NA	Solid	8015D	189886
240-53332-24	SB-12B	Total/NA	Solid	8015D	189886
LCS 240-189886/24-A	Lab Control Sample	Total/NA	Solid	8015D	189886
MB 240-189886/23-A	Method Blank	Total/NA	Solid	8015D	189886

Analysis Batch: 190232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-28	TW-8D	Total/NA	Water	8015D	189874
240-53332-30	TW-1	Total/NA	Water	8015D	189874
240-53332-31	TW-12	Total/NA	Water	8015D	189874
240-53332-32	EB-1GW	Total/NA	Water	8015D	189874
240-53332-33	EB-1S	Total/NA	Water	8015D	189874
LCS 240-189874/13-A	Lab Control Sample	Total/NA	Water	8015D	189874
MB 240-189874/12-A	Method Blank	Total/NA	Water	8015D	189874

Analysis Batch: 190268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	8082A	189900
240-53332-3	SB-2A	Total/NA	Solid	8082A	189900
240-53332-13	SB-7A	Total/NA	Solid	8082A	189900
240-53332-19	SB-10A	Total/NA	Solid	8082A	189900
240-53332-23	SB-12A	Total/NA	Solid	8082A	189900
240-53332-23 MS	SB-12A	Total/NA	Solid	8082A	189900
240-53332-23 MSD	SB-12A	Total/NA	Solid	8082A	189900
240-53332-34	SB-10AS	Total/NA	Solid	8082A	189900
LCS 240-189900/14-A	Lab Control Sample	Total/NA	Solid	8082A	189900
LCSD 240-189900/15-A	Lab Control Sample Dup	Total/NA	Solid	8082A	189900
MB 240-189900/13-A	Method Blank	Total/NA	Solid	8082A	189900

Analysis Batch: 190503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-3	SB-2A	Total/NA	Solid	8015D	189886
240-53332-4	SB-2B	Total/NA	Solid	8015D	189886
240-53332-5	SB-3A	Total/NA	Solid	8015D	189886
240-53332-6	SB-3B	Total/NA	Solid	8015D	189886
240-53332-7	SB-4A	Total/NA	Solid	8015D	189886
240-53332-8	SB-4B	Total/NA	Solid	8015D	190118
240-53332-8 MS	SB-4B	Total/NA	Solid	8015D	190118
240-53332-8 MSD	SB-4B	Total/NA	Solid	8015D	190118
240-53332-13	SB-7A	Total/NA	Solid	8015D	189886
240-53332-34	SB-10AS	Total/NA	Solid	8015D	190118
LCS 240-190118/7-A	Lab Control Sample	Total/NA	Solid	8015D	190118
MB 240-190118/6-A	Method Blank	Total/NA	Solid	8015D	190118

Analysis Batch: 190505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-9	SB-5A	Total/NA	Solid	8015D	189882

GC Semi VOA (Continued)

Analysis Batch: 190505 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-10	SB-5B	Total/NA	Solid	8015D	189882
240-53332-11	SB-6A	Total/NA	Solid	8015D	189882
240-53332-11 MS	SB-6A	Total/NA	Solid	8015D	189882
240-53332-11 MSD	SB-6A	Total/NA	Solid	8015D	189882
240-53332-25	TW-4	Total/NA	Water	8015D	189874
240-53332-26	TW-7	Total/NA	Water	8015D	189874
240-53332-26 MS	TW-7	Total/NA	Water	8015D	189874
240-53332-26 MSD	TW-7	Total/NA	Water	8015D	189874
240-53332-27	TW-8	Total/NA	Water	8015D	189874
240-53332-29	TW-6	Total/NA	Water	8015D	189874

Prep Batch: 267943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-33	EB-1S	Total/NA	Water	3510C	
LCS 490-267943/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 490-267943/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 268307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-33	EB-1S	Total/NA	Water	8082A	267943
LCS 490-267943/2-A	Lab Control Sample	Total/NA	Water	8082A	267943
MB 490-267943/1-A	Method Blank	Total/NA	Water	8082A	267943

Metals

Prep Batch: 189918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-25	TW-4	Total Recoverable	Water	3005A	
240-53332-26	TW-7	Total Recoverable	Water	3005A	
240-53332-26 MS	TW-7	Total Recoverable	Water	3005A	
240-53332-26 MSD	TW-7	Total Recoverable	Water	3005A	
240-53332-27	TW-8	Total Recoverable	Water	3005A	
240-53332-28	TW-8D	Total Recoverable	Water	3005A	
240-53332-29	TW-6	Total Recoverable	Water	3005A	
240-53332-30	TW-1	Total Recoverable	Water	3005A	
240-53332-31	TW-12	Total Recoverable	Water	3005A	
240-53332-32	EB-1GW	Total Recoverable	Water	3005A	
240-53332-33	EB-1S	Total Recoverable	Water	3005A	
LCS 240-189918/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-189918/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 189928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-25	TW-4	Total/NA	Water	7470A	
240-53332-26	TW-7	Total/NA	Water	7470A	
240-53332-26 MS	TW-7	Total/NA	Water	7470A	
240-53332-26 MSD	TW-7	Total/NA	Water	7470A	
240-53332-27	TW-8	Total/NA	Water	7470A	
240-53332-28	TW-8D	Total/NA	Water	7470A	
240-53332-29	TW-6	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 189928 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-30	TW-1	Total/NA	Water	7470A	
240-53332-31	TW-12	Total/NA	Water	7470A	
240-53332-32	EB-1GW	Total/NA	Water	7470A	
240-53332-33	EB-1S	Total/NA	Water	7470A	
LCS 240-189928/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-189928/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 189994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	3050B	
240-53332-3	SB-2A	Total/NA	Solid	3050B	
240-53332-13	SB-7A	Total/NA	Solid	3050B	
240-53332-19	SB-10A	Total/NA	Solid	3050B	
240-53332-23	SB-12A	Total/NA	Solid	3050B	
240-53332-23 MS	SB-12A	Total/NA	Solid	3050B	
240-53332-23 MSD	SB-12A	Total/NA	Solid	3050B	
240-53332-34	SB-10AS	Total/NA	Solid	3050B	
LCS 240-189994/3-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-189994/1-A ^2	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 190013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	7471B	
240-53332-3	SB-2A	Total/NA	Solid	7471B	
240-53332-13	SB-7A	Total/NA	Solid	7471B	
240-53332-19	SB-10A	Total/NA	Solid	7471B	
240-53332-23	SB-12A	Total/NA	Solid	7471B	
240-53332-23 MS	SB-12A	Total/NA	Solid	7471B	
240-53332-23 MSD	SB-12A	Total/NA	Solid	7471B	
240-53332-34	SB-10AS	Total/NA	Solid	7471B	
LCS 240-190013/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 240-190013/1-A	Method Blank	Total/NA	Solid	7471B	

Analysis Batch: 190204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-25	TW-4	Total/NA	Water	7470A	189928
240-53332-26	TW-7	Total/NA	Water	7470A	189928
240-53332-26 MS	TW-7	Total/NA	Water	7470A	189928
240-53332-26 MSD	TW-7	Total/NA	Water	7470A	189928
240-53332-27	TW-8	Total/NA	Water	7470A	189928
240-53332-28	TW-8D	Total/NA	Water	7470A	189928
240-53332-29	TW-6	Total/NA	Water	7470A	189928
240-53332-30	TW-1	Total/NA	Water	7470A	189928
240-53332-31	TW-12	Total/NA	Water	7470A	189928
240-53332-32	EB-1GW	Total/NA	Water	7470A	189928
240-53332-33	EB-1S	Total/NA	Water	7470A	189928
LCS 240-189928/2-A	Lab Control Sample	Total/NA	Water	7470A	189928
MB 240-189928/1-A	Method Blank	Total/NA	Water	7470A	189928

Metals (Continued)

Analysis Batch: 190207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	7471B	190013
240-53332-3	SB-2A	Total/NA	Solid	7471B	190013
240-53332-13	SB-7A	Total/NA	Solid	7471B	190013
240-53332-19	SB-10A	Total/NA	Solid	7471B	190013
240-53332-23	SB-12A	Total/NA	Solid	7471B	190013
240-53332-23 MS	SB-12A	Total/NA	Solid	7471B	190013
240-53332-23 MSD	SB-12A	Total/NA	Solid	7471B	190013
240-53332-34	SB-10AS	Total/NA	Solid	7471B	190013
LCS 240-190013/2-A	Lab Control Sample	Total/NA	Solid	7471B	190013
MB 240-190013/1-A	Method Blank	Total/NA	Solid	7471B	190013

Analysis Batch: 190331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	6020A	189994
240-53332-3	SB-2A	Total/NA	Solid	6020A	189994
240-53332-13	SB-7A	Total/NA	Solid	6020A	189994
240-53332-19	SB-10A	Total/NA	Solid	6020A	189994
240-53332-23	SB-12A	Total/NA	Solid	6020A	189994
240-53332-23 MS	SB-12A	Total/NA	Solid	6020A	189994
240-53332-23 MSD	SB-12A	Total/NA	Solid	6020A	189994
240-53332-25	TW-4	Total Recoverable	Water	6020A	189918
240-53332-26	TW-7	Total Recoverable	Water	6020A	189918
240-53332-26 MS	TW-7	Total Recoverable	Water	6020A	189918
240-53332-26 MSD	TW-7	Total Recoverable	Water	6020A	189918
240-53332-27	TW-8	Total Recoverable	Water	6020A	189918
240-53332-28	TW-8D	Total Recoverable	Water	6020A	189918
240-53332-29	TW-6	Total Recoverable	Water	6020A	189918
240-53332-30	TW-1	Total Recoverable	Water	6020A	189918
240-53332-31	TW-12	Total Recoverable	Water	6020A	189918
240-53332-32	EB-1GW	Total Recoverable	Water	6020A	189918
240-53332-33	EB-1S	Total Recoverable	Water	6020A	189918
240-53332-34	SB-10AS	Total/NA	Solid	6020A	189994
LCS 240-189918/2-A	Lab Control Sample	Total Recoverable	Water	6020A	189918
LCS 240-189994/3-A ^2	Lab Control Sample	Total/NA	Solid	6020A	189994
MB 240-189918/1-A	Method Blank	Total Recoverable	Water	6020A	189918
MB 240-189994/1-A ^2	Method Blank	Total/NA	Solid	6020A	189994

General Chemistry

Analysis Batch: 189668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-1	SB-1A	Total/NA	Solid	Moisture	
240-53332-2	SB-1B	Total/NA	Solid	Moisture	
240-53332-3	SB-2A	Total/NA	Solid	Moisture	
240-53332-4	SB-2B	Total/NA	Solid	Moisture	
240-53332-5	SB-3A	Total/NA	Solid	Moisture	
240-53332-6	SB-3B	Total/NA	Solid	Moisture	
240-53332-7	SB-4A	Total/NA	Solid	Moisture	
240-53332-8	SB-4B	Total/NA	Solid	Moisture	
240-53332-8 DU	SB-4B	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 189668 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53332-9	SB-5A	Total/NA	Solid	Moisture	
240-53332-10	SB-5B	Total/NA	Solid	Moisture	
240-53332-11	SB-6A	Total/NA	Solid	Moisture	
240-53332-12	SB-6B	Total/NA	Solid	Moisture	
240-53332-13	SB-7A	Total/NA	Solid	Moisture	
240-53332-14	SB-7B	Total/NA	Solid	Moisture	
240-53332-14 DU	SB-7B	Total/NA	Solid	Moisture	
240-53332-15	SB-8A	Total/NA	Solid	Moisture	
240-53332-16	SB-8B	Total/NA	Solid	Moisture	
240-53332-17	SB-9A	Total/NA	Solid	Moisture	
240-53332-18	SB-9B	Total/NA	Solid	Moisture	
240-53332-19	SB-10A	Total/NA	Solid	Moisture	
240-53332-20	SB-10B	Total/NA	Solid	Moisture	
240-53332-21	SB-11A	Total/NA	Solid	Moisture	
240-53332-22	SB-11B	Total/NA	Solid	Moisture	
240-53332-23	SB-12A	Total/NA	Solid	Moisture	
240-53332-23 DU	SB-12A	Total/NA	Solid	Moisture	
240-53332-24	SB-12B	Total/NA	Solid	Moisture	
240-53332-34	SB-10AS	Total/NA	Solid	Moisture	

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-1A — Lab Sample ID: 240-53332-1

Date Collected: 07/15/15 16:45 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-1A — Lab Sample ID: 240-53332-1

Date Collected: 07/15/15 16:45 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 86.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 16:25	SAM	TAL CAN
Total/NA	Prep	3540C			189889	07/21/15 07:48	CS	TAL CAN
Total/NA	Analysis	8270D		1	190630	07/25/15 17:52	MRU	TAL CAN
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 14:06	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/24/15 01:45	DEB	TAL CAN
Total/NA	Prep	3540C			189900	07/21/15 08:51	CS	TAL CAN
Total/NA	Analysis	8082A		1	190268	07/23/15 13:56	LSH	TAL CAN
Total/NA	Prep	3050B			189994	07/21/15 12:38	DEE	TAL CAN
Total/NA	Analysis	6020A		2	190331	07/22/15 20:36	AS1	TAL CAN
Total/NA	Prep	7471B			190013	07/21/15 15:50	DEE	TAL CAN
Total/NA	Analysis	7471B		1	190207	07/22/15 13:03	BW	TAL CAN

Client Sample ID: SB-1B — Lab Sample ID: 240-53332-2

Date Collected: 07/15/15 17:00 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-1B — Lab Sample ID: 240-53332-2

Date Collected: 07/15/15 17:00 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 87.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 15:59	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/24/15 02:17	DEB	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-2A — Lab Sample ID: 240-53332-3

Date Collected: 07/15/15 11:10
Date Received: 07/17/15 10:45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-2A — Lab Sample ID: 240-53332-3

Date Collected: 07/15/15 11:10
Date Received: 07/17/15 10:45
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 16:51	SAM	TAL CAN
Total/NA	Prep	3540C			189889	07/21/15 07:48	CS	TAL CAN
Total/NA	Analysis	8270D		1	190630	07/25/15 17:28	MRU	TAL CAN
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 16:35	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190503	07/24/15 14:55	DEB	TAL CAN
Total/NA	Prep	3540C			189900	07/21/15 08:51	CS	TAL CAN
Total/NA	Analysis	8082A		1	190268	07/23/15 14:13	LSH	TAL CAN
Total/NA	Prep	3050B			189994	07/21/15 12:38	DEE	TAL CAN
Total/NA	Analysis	6020A		2	190331	07/22/15 20:39	AS1	TAL CAN
Total/NA	Prep	7471B			190013	07/21/15 15:50	DEE	TAL CAN
Total/NA	Analysis	7471B		1	190207	07/22/15 13:05	BW	TAL CAN

Client Sample ID: SB-2B — Lab Sample ID: 240-53332-4

Date Collected: 07/16/15 08:45
Date Received: 07/17/15 10:45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-2B — Lab Sample ID: 240-53332-4

Date Collected: 07/16/15 08:45
Date Received: 07/17/15 10:45
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 11:29	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190503	07/24/15 15:27	DEB	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-3A — Lab Sample ID: 240-53332-5

Date Collected: 07/15/15 10:40 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-3A — Lab Sample ID: 240-53332-5

Date Collected: 07/15/15 10:40 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 88.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 17:17	SAM	TAL CAN
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 17:50	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190503	07/24/15 15:58	DEB	TAL CAN

Client Sample ID: SB-3B — Lab Sample ID: 240-53332-6

Date Collected: 07/16/15 09:35 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-3B — Lab Sample ID: 240-53332-6

Date Collected: 07/16/15 09:35 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 86.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 18:28	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190503	07/24/15 16:30	DEB	TAL CAN

Client Sample ID: SB-4A — Lab Sample ID: 240-53332-7

Date Collected: 07/15/15 08:30 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-4A — Lab Sample ID: 240-53332-7

Date Collected: 07/15/15 08:30 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 90.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 17:43	SAM	TAL CAN
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 19:43	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190503	07/24/15 17:02	DEB	TAL CAN

Client Sample ID: SB-4B — Lab Sample ID: 240-53332-8

Date Collected: 07/15/15 11:30 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-4B — Lab Sample ID: 240-53332-8

Date Collected: 07/15/15 11:30 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 91.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 20:21	RTR	TAL CAN
Total/NA	Prep	3540C			190118	07/22/15 08:50	SDE	TAL CAN
Total/NA	Analysis	8015D		1	190503	07/25/15 01:59	DEB	TAL CAN

Client Sample ID: SB-5A — Lab Sample ID: 240-53332-9

Date Collected: 07/15/15 11:20 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-5A — Lab Sample ID: 240-53332-9

Date Collected: 07/15/15 11:20 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 82.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 18:09	SAM	TAL CAN
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 20:57	RTR	TAL CAN
Total/NA	Prep	3540C			189882	07/21/15 07:03	CS	TAL CAN
Total/NA	Analysis	8015D		1	190505	07/25/15 00:24	DEB	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-5B — Lab Sample ID: 240-53332-10

Date Collected: 07/16/15 13:25
Date Received: 07/17/15 10:45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-5B — Lab Sample ID: 240-53332-10

Date Collected: 07/16/15 13:25
Date Received: 07/17/15 10:45
Matrix: Solid
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 21:35	RTR	TAL CAN
Total/NA	Prep	3540C			189882	07/21/15 07:03	CS	TAL CAN
Total/NA	Analysis	8015D		1	190505	07/25/15 00:56	DEB	TAL CAN

Client Sample ID: SB-6A — Lab Sample ID: 240-53332-11

Date Collected: 07/15/15 10:20
Date Received: 07/17/15 10:45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-6A — Lab Sample ID: 240-53332-11

Date Collected: 07/15/15 10:20
Date Received: 07/17/15 10:45
Matrix: Solid
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 18:35	SAM	TAL CAN
Total/NA	Prep	3540C			189889	07/21/15 07:48	CS	TAL CAN
Total/NA	Analysis	8270D		1	190630	07/25/15 19:51	MRU	TAL CAN
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 22:14	RTR	TAL CAN
Total/NA	Prep	3540C			189882	07/21/15 07:03	CS	TAL CAN
Total/NA	Analysis	8015D		1	190505	07/25/15 01:28	DEB	TAL CAN

Client Sample ID: SB-6B — Lab Sample ID: 240-53332-12

Date Collected: 07/15/15 15:15
Date Received: 07/17/15 10:45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-6B — Lab Sample ID: 240-53332-12

Date Collected: 07/15/15 15:15 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 85.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190315	07/23/15 07:27	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190289	07/23/15 22:50	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/23/15 17:19	DEB	TAL CAN

Client Sample ID: SB-7A — Lab Sample ID: 240-53332-13

Date Collected: 07/15/15 09:55 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-7A — Lab Sample ID: 240-53332-13

Date Collected: 07/15/15 09:55 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 93.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 19:01	SAM	TAL CAN
Total/NA	Prep	3540C			189889	07/21/15 07:48	CS	TAL CAN
Total/NA	Analysis	8270D		1	190630	07/25/15 20:15	MRU	TAL CAN
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 12:07	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190503	07/24/15 14:23	DEB	TAL CAN
Total/NA	Prep	3540C			189900	07/21/15 08:51	CS	TAL CAN
Total/NA	Analysis	8082A		1	190268	07/23/15 12:35	LSH	TAL CAN
Total/NA	Prep	3050B			189994	07/21/15 12:38	DEE	TAL CAN
Total/NA	Analysis	6020A		2	190331	07/22/15 20:43	AS1	TAL CAN
Total/NA	Prep	7471B			190013	07/21/15 15:50	DEE	TAL CAN
Total/NA	Analysis	7471B		1	190207	07/22/15 13:07	BW	TAL CAN

Client Sample ID: SB-7B — Lab Sample ID: 240-53332-14

Date Collected: 07/15/15 12:50 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-7B — Lab Sample ID: 240-53332-14

Date Collected: 07/15/15 12:50 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 92.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 12:46	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/23/15 18:22	DEB	TAL CAN

Client Sample ID: SB-8A — Lab Sample ID: 240-53332-15

Date Collected: 07/15/15 12:35 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-8A — Lab Sample ID: 240-53332-15

Date Collected: 07/15/15 12:35 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 85.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 19:27	SAM	TAL CAN
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 13:22	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/23/15 18:54	DEB	TAL CAN

Client Sample ID: SB-8B — Lab Sample ID: 240-53332-16

Date Collected: 07/15/15 15:00 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-8B — Lab Sample ID: 240-53332-16

Date Collected: 07/15/15 15:00 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 83.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 14:00	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/23/15 19:26	DEB	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-9A
Lab Sample ID: 240-53332-17
Date Collected: 07/15/15 14:00
Matrix: Solid
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-9A
Lab Sample ID: 240-53332-17
Date Collected: 07/15/15 14:00
Matrix: Solid
Date Received: 07/17/15 10:45
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 19:53	SAM	TAL CAN
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 14:38	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/23/15 19:58	DEB	TAL CAN

Client Sample ID: SB-9B
Lab Sample ID: 240-53332-18
Date Collected: 07/16/15 12:45
Matrix: Solid
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-9B
Lab Sample ID: 240-53332-18
Date Collected: 07/16/15 12:45
Matrix: Solid
Date Received: 07/17/15 10:45
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190897	07/28/15 06:13	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190902	07/28/15 17:02	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/23/15 20:29	DEB	TAL CAN

Client Sample ID: SB-10A
Lab Sample ID: 240-53332-19
Date Collected: 07/16/15 10:55
Matrix: Solid
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-10A — Lab Sample ID: 240-53332-19

Date Collected: 07/16/15 10:55 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 88.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 20:18	SAM	TAL CAN
Total/NA	Prep	3540C			189889	07/21/15 07:48	CS	TAL CAN
Total/NA	Analysis	8270D		1	190630	07/25/15 20:39	MRU	TAL CAN
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 15:54	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/23/15 21:32	DEB	TAL CAN
Total/NA	Prep	3540C			189900	07/21/15 08:51	CS	TAL CAN
Total/NA	Analysis	8082A		1	190268	07/23/15 12:51	LSH	TAL CAN
Total/NA	Prep	3050B			189994	07/21/15 12:38	DEE	TAL CAN
Total/NA	Analysis	6020A		2	190331	07/22/15 20:47	AS1	TAL CAN
Total/NA	Prep	7471B			190013	07/21/15 15:50	DEE	TAL CAN
Total/NA	Analysis	7471B		1	190207	07/22/15 13:09	BW	TAL CAN

Client Sample ID: SB-10B — Lab Sample ID: 240-53332-20

Date Collected: 07/16/15 11:10 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-10B — Lab Sample ID: 240-53332-20

Date Collected: 07/16/15 11:10 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 89.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 17:08	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/23/15 22:04	DEB	TAL CAN

Client Sample ID: SB-11A — Lab Sample ID: 240-53332-21

Date Collected: 07/15/15 14:15 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-11A — Lab Sample ID: 240-53332-21

Date Collected: 07/15/15 14:15 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 87.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 20:44	SAM	TAL CAN
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 17:45	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/23/15 22:35	DEB	TAL CAN

Client Sample ID: SB-11B — Lab Sample ID: 240-53332-22

Date Collected: 07/16/15 12:20 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-11B — Lab Sample ID: 240-53332-22

Date Collected: 07/16/15 12:20 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 81.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 18:22	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/23/15 23:07	DEB	TAL CAN

Client Sample ID: SB-12A — Lab Sample ID: 240-53332-23

Date Collected: 07/16/15 11:40 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-12A — Lab Sample ID: 240-53332-23

Date Collected: 07/16/15 11:40 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 81.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 21:10	SAM	TAL CAN
Total/NA	Prep	3540C			189889	07/21/15 07:48	CS	TAL CAN
Total/NA	Analysis	8270D		1	190630	07/25/15 18:39	MRU	TAL CAN
Total/NA	Prep	5030C			190690	07/27/15 05:12	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 19:00	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: SB-12A — Lab Sample ID: 240-53332-23

Date Collected: 07/16/15 11:40 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 81.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015D		1	190129	07/23/15 23:39	DEB	TAL CAN
Total/NA	Prep	3540C			189900	07/21/15 08:51	CS	TAL CAN
Total/NA	Analysis	8082A		1	190268	07/23/15 13:07	LSH	TAL CAN
Total/NA	Prep	3050B			189994	07/21/15 12:38	DEE	TAL CAN
Total/NA	Analysis	6020A		2	190331	07/22/15 20:18	AS1	TAL CAN
Total/NA	Prep	7471B			190013	07/21/15 15:50	DEE	TAL CAN
Total/NA	Analysis	7471B		1	190207	07/22/15 12:56	BW	TAL CAN

Client Sample ID: SB-12B — Lab Sample ID: 240-53332-24

Date Collected: 07/16/15 11:50 — **Matrix: Solid**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-12B — Lab Sample ID: 240-53332-24

Date Collected: 07/16/15 11:50 — **Matrix: Solid**
Date Received: 07/17/15 10:45 — **Percent Solids: 87.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190690	07/27/15 05:16	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 20:51	RTR	TAL CAN
Total/NA	Prep	3540C			189886	07/21/15 07:26	CS	TAL CAN
Total/NA	Analysis	8015D		1	190129	07/24/15 01:14	DEB	TAL CAN

Client Sample ID: TW-4 — Lab Sample ID: 240-53332-25

Date Collected: 07/15/15 12:00 — **Matrix: Water**
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	190923	07/28/15 17:28	LEE	TAL CAN
Total/NA	Analysis	8015D		1	189960	07/21/15 16:06	RTR	TAL CAN
Total/NA	Prep	3520C			189874	07/21/15 05:50	CSC	TAL CAN
Total/NA	Analysis	8015D		1	190505	07/24/15 15:27	DEB	TAL CAN
Total Recoverable	Prep	3005A			189918	07/21/15 09:48	AI	TAL CAN
Total Recoverable	Analysis	6020A		1	190331	07/22/15 16:31	AS1	TAL CAN
Total/NA	Prep	7470A			189928	07/21/15 14:00	AI	TAL CAN
Total/NA	Analysis	7470A		1	190204	07/22/15 14:06	BW	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-7
Lab Sample ID: 240-53332-26
Date Collected: 07/15/15 13:15
Matrix: Water
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	190107	07/22/15 13:19	RJQ	TAL CAN
Total/NA	Analysis	8015D		1	189960	07/21/15 16:43	RTR	TAL CAN
Total/NA	Prep	3520C			189874	07/21/15 05:50	CSC	TAL CAN
Total/NA	Analysis	8015D		1	190505	07/24/15 15:58	DEB	TAL CAN
Total Recoverable	Prep	3005A			189918	07/21/15 09:48	AI	TAL CAN
Total Recoverable	Analysis	6020A		1	190331	07/22/15 16:13	AS1	TAL CAN
Total/NA	Prep	7470A			189928	07/21/15 14:00	AI	TAL CAN
Total/NA	Analysis	7470A		1	190204	07/22/15 14:01	BW	TAL CAN

Client Sample ID: TW-8
Lab Sample ID: 240-53332-27
Date Collected: 07/15/15 14:30
Matrix: Water
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	190923	07/28/15 17:51	LEE	TAL CAN
Total/NA	Analysis	8015D		1	189960	07/21/15 18:36	RTR	TAL CAN
Total/NA	Prep	3520C			189874	07/21/15 05:50	CSC	TAL CAN
Total/NA	Analysis	8015D		1	190505	07/24/15 17:34	DEB	TAL CAN
Total Recoverable	Prep	3005A			189918	07/21/15 09:48	AI	TAL CAN
Total Recoverable	Analysis	6020A		1	190331	07/22/15 16:34	AS1	TAL CAN
Total/NA	Prep	7470A			189928	07/21/15 14:00	AI	TAL CAN
Total/NA	Analysis	7470A		1	190204	07/22/15 14:07	BW	TAL CAN

Client Sample ID: TW-8D
Lab Sample ID: 240-53332-28
Date Collected: 07/15/15 14:30
Matrix: Water
Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1.25	190923	07/28/15 18:14	LEE	TAL CAN
Total/NA	Analysis	8015D		1	189960	07/21/15 19:14	RTR	TAL CAN
Total/NA	Prep	3520C			189874	07/21/15 05:50	CSC	TAL CAN
Total/NA	Analysis	8015D		1	190232	07/23/15 21:32	DEB	TAL CAN
Total Recoverable	Prep	3005A			189918	07/21/15 09:48	AI	TAL CAN
Total Recoverable	Analysis	6020A		1	190331	07/22/15 16:38	AS1	TAL CAN
Total/NA	Prep	7470A			189928	07/21/15 14:00	AI	TAL CAN
Total/NA	Analysis	7470A		1	190204	07/22/15 14:22	BW	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: TW-6
Date Collected: 07/15/15 15:40
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-29
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	190107	07/22/15 17:51	RJQ	TAL CAN
Total/NA	Analysis	8015D		1	189960	07/21/15 19:52	RTR	TAL CAN
Total/NA	Prep	3520C			189874	07/21/15 05:50	CSC	TAL CAN
Total/NA	Analysis	8015D		1	190505	07/24/15 18:05	DEB	TAL CAN
Total Recoverable	Prep	3005A			189918	07/21/15 09:48	AI	TAL CAN
Total Recoverable	Analysis	6020A		1	190331	07/22/15 16:41	AS1	TAL CAN
Total/NA	Prep	7470A			189928	07/21/15 14:00	AI	TAL CAN
Total/NA	Analysis	7470A		1	190204	07/22/15 14:24	BW	TAL CAN

Client Sample ID: TW-1
Date Collected: 07/16/15 10:25
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	190107	07/22/15 18:13	RJQ	TAL CAN
Total/NA	Analysis	8015D		1	189960	07/21/15 21:06	RTR	TAL CAN
Total/NA	Prep	3520C			189874	07/21/15 05:50	CSC	TAL CAN
Total/NA	Analysis	8015D		1	190232	07/23/15 22:35	DEB	TAL CAN
Total Recoverable	Prep	3005A			189918	07/21/15 09:48	AI	TAL CAN
Total Recoverable	Analysis	6020A		1	190331	07/22/15 16:45	AS1	TAL CAN
Total/NA	Prep	7470A			189928	07/21/15 14:00	AI	TAL CAN
Total/NA	Analysis	7470A		1	190204	07/22/15 14:29	BW	TAL CAN

Client Sample ID: TW-12
Date Collected: 07/16/15 12:00
Date Received: 07/17/15 10:45

Lab Sample ID: 240-53332-31
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	190923	07/28/15 18:37	LEE	TAL CAN
Total/NA	Analysis	8015D		1	189960	07/21/15 21:42	RTR	TAL CAN
Total/NA	Prep	3520C			189874	07/21/15 05:50	CSC	TAL CAN
Total/NA	Analysis	8015D		1	190232	07/23/15 23:07	DEB	TAL CAN
Total Recoverable	Prep	3005A			189918	07/21/15 09:48	AI	TAL CAN
Total Recoverable	Analysis	6020A		1	190331	07/22/15 16:56	AS1	TAL CAN
Total/NA	Prep	7470A			189928	07/21/15 14:00	AI	TAL CAN
Total/NA	Analysis	7470A		1	190204	07/22/15 14:09	BW	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Client Sample ID: EB-1GW — Lab Sample ID: 240-53332-32

Date Collected: 07/16/15 09:30
Date Received: 07/17/15 10:45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	189765	07/20/15 15:52	LRW	TAL CAN
Total/NA	Analysis	8015D		1	189960	07/21/15 22:21	RTR	TAL CAN
Total/NA	Prep	3520C			189874	07/21/15 05:50	CSC	TAL CAN
Total/NA	Analysis	8015D		1	190232	07/23/15 23:39	DEB	TAL CAN
Total Recoverable	Prep	3005A			189918	07/21/15 09:48	AI	TAL CAN
Total Recoverable	Analysis	6020A		1	190331	07/22/15 17:00	AS1	TAL CAN
Total/NA	Prep	7470A			189928	07/21/15 14:00	AI	TAL CAN
Total/NA	Analysis	7470A		1	190204	07/22/15 14:13	BW	TAL CAN

Client Sample ID: EB-1S — Lab Sample ID: 240-53332-33

Date Collected: 07/16/15 09:00
Date Received: 07/17/15 10:45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	189765	07/20/15 16:14	LRW	TAL CAN
Total/NA	Prep	3510C			190330	07/23/15 08:25	CSC	TAL CAN
Total/NA	Analysis	8270D		1	191094	07/29/15 10:33	TMH	TAL CAN
Total/NA	Analysis	8015D		1	189960	07/21/15 22:57	RTR	TAL CAN
Total/NA	Prep	3520C			189874	07/21/15 05:50	CSC	TAL CAN
Total/NA	Analysis	8015D		1	190232	07/24/15 00:10	DEB	TAL CAN
Total/NA	Prep	3510C			267943	07/25/15 09:44	AJK	TAL NSH
Total/NA	Analysis	8082A		1	268307	07/27/15 14:40	MGH	TAL NSH
Total Recoverable	Prep	3005A			189918	07/21/15 09:48	AI	TAL CAN
Total Recoverable	Analysis	6020A		1	190331	07/22/15 17:03	AS1	TAL CAN
Total/NA	Prep	7470A			189928	07/21/15 14:00	AI	TAL CAN
Total/NA	Analysis	7470A		1	190204	07/22/15 14:15	BW	TAL CAN

Client Sample ID: SB-10AS — Lab Sample ID: 240-53332-34

Date Collected: 07/16/15 11:00
Date Received: 07/17/15 10:45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	189668	07/18/15 10:09	AI	TAL CAN

Client Sample ID: SB-10AS — Lab Sample ID: 240-53332-34

Date Collected: 07/16/15 11:00
Date Received: 07/17/15 10:45
Matrix: Solid
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			189860	07/17/15 16:46	LAM	TAL CAN
Total/NA	Analysis	8260B		1	189933	07/21/15 22:27	SAM	TAL CAN
Total/NA	Prep	3540C			189889	07/21/15 07:48	CS	TAL CAN
Total/NA	Analysis	8270D		1	190630	07/25/15 18:16	MRU	TAL CAN

Lab Chronicle

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			190690	07/27/15 05:16	RTR	TAL CAN
Total/NA	Analysis	8015D		1	190670	07/27/15 21:30	RTR	TAL CAN
Total/NA	Prep	3540C			190118	07/22/15 08:50	SDE	TAL CAN
Total/NA	Analysis	8015D		1	190503	07/25/15 01:28	DEB	TAL CAN
Total/NA	Prep	3540C			189900	07/21/15 08:51	CS	TAL CAN
Total/NA	Analysis	8082A		1	190268	07/23/15 14:29	LSH	TAL CAN
Total/NA	Prep	3050B			189994	07/21/15 12:38	DEE	TAL CAN
Total/NA	Analysis	6020A		2	190331	07/22/15 20:50	AS1	TAL CAN
Total/NA	Prep	7471B			190013	07/21/15 15:50	DEE	TAL CAN
Total/NA	Analysis	7471B		1	190207	07/22/15 13:12	BW	TAL CAN

Client Sample ID: TB-1

Lab Sample ID: 240-53332-35

Date Collected: 07/16/15 00:00

Matrix: Water

Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	189765	07/20/15 20:24	LRW	TAL CAN

Client Sample ID: TB-2

Lab Sample ID: 240-53332-36

Date Collected: 07/16/15 00:00

Matrix: Water

Date Received: 07/17/15 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	189765	07/20/15 20:47	LRW	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: AECOM
Project/Site: MAA Parking Lot

TestAmerica Job ID: 240-53332-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Illinois	NELAP	5	200004	07-31-16
Kansas	NELAP	7	E-10336	01-31-16 *
Kentucky (UST)	State Program	4	58	02-26-16
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-16
New Jersey	NELAP	2	OH001	09-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-16
Texas	NELAP	6		08-31-15 *
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15 *

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	A2LA		NA: NELAP & A2LA	12-31-15
A2LA	ISO/IEC 17025		0453.07	12-31-15
Alaska (UST)	State Program	10	UST-087	07-24-16
Arizona	State Program	9	AZ0473	05-05-16
Arkansas DEQ	State Program	6	88-0737	04-25-16
California	State Program	9	2938	10-31-16
Connecticut	State Program	1	PH-0220	12-31-15
Florida	NELAP	4	E87358	06-30-16
Georgia	State Program	4	N/A	06-30-16
Illinois	NELAP	5	200010	12-09-15
Iowa	State Program	7	131	04-01-16
Kansas	NELAP	7	E-10229	10-31-15
Kentucky (UST)	State Program	4	19	06-30-16
Kentucky (WW)	State Program	4	90038	12-31-15
Louisiana	NELAP	6	30613	06-30-16
Maryland	State Program	3	316	03-31-16
Massachusetts	State Program	1	M-TN032	06-30-16
Minnesota	NELAP	5	047-999-345	12-31-15
Mississippi	State Program	4	N/A	06-30-16
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-16
New Hampshire	NELAP	1	2963	10-09-15
New Jersey	NELAP	2	TN965	09-30-15
New York	NELAP	2	11342	03-31-16

* Certification renewal pending - certification considered valid.

Laboratory: TestAmerica Nashville (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
North Carolina (WW/SW)	State Program	4	387	12-31-15
North Dakota	State Program	8	R-146	06-30-15 *
Ohio VAP	State Program	5	CL0033	07-10-17
Oklahoma	State Program	6	9412	08-31-15
Oregon	NELAP	10	TN200001	04-27-16
Pennsylvania	NELAP	3	68-00585	06-30-16
Rhode Island	State Program	1	LAO00268	12-30-15
South Carolina	State Program	4	84009 (001)	02-28-16
South Carolina (DW)	State Program	4	84009 (002)	12-16-17
Tennessee	State Program	4	2008	02-23-17
Texas	NELAP	6	T104704077	08-31-15
USDA	Federal		S-48469	10-30-16
Utah	NELAP	8	TN00032	07-31-15 *
Virginia	NELAP	3	460152	06-14-16
Washington	State Program	10	C789	07-19-15 *
West Virginia DEP	State Program	3	219	02-28-16
Wisconsin	State Program	5	998020430	08-31-15
Wyoming (UST)	A2LA	8	453.07	12-31-15

* Certification renewal pending - certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS

240-53332 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 tel 330.497.9396 fax 330.497.0772 www.testamericainc.com

3.0|C4.0 0.6|C1.6
2.8|C3.8 3.4|C4.4
0.4|C1.4

Chain of Custody Record

016138

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact			
Company Name: AECOM	Project Manager: Gary Grinstead	Site Contact: Don Hurbert	Date: 7/16/15
Address: 8005 Virginia Manor Road	Tel/Fax:	Lab Contact: Ken Ives	Carrier:
City/State/Zip: Beltsville MD 20705	Analysis Turnaround Time		COC No: 1 of 3 COCs
Phone: 301-289-3906	☐ CALENDAR DAYS ☐ WORKING DAYS		Sampler:
Fax: 301-289-3901	TAT if different from Below _____		For Lab Use Only:
Project Name: NAA Parking Lot	☒ 2 weeks		Walk-in Client:
Site:	☐ 1 week		Lab Sampling:
P O # 60427594	☐ 2 days		Job / SDG No.:
	☐ 1 day		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TPH-DRO	TPH-GRO	VOCs (BTEX + oxy)	SVOCs	PCBs	RCRA metals	Sample Specific Notes:
SB-1A	7/15/15	1645		S	4	N	N	X	X	X	X	X	X	
SB-1B	7/15/15	1700		S	2	N	N	X	X					
SB-2A	7/15/15	1110		S	4	N	N	X	X	X	X	X	X	
SB-2B	7/16/15	0845		S	2	N	N	X	X					
SB-3A	7/15/15	1040		S	3	N	N	X	X	X				
SB-3B	7/16/15	0935		S	2	N	N	X	X					
SB-4A	7/15/15	0830		S	3	N	N	X	X	X				
SB-4B	7/15/15	1130		S	2	N	N	X	X					
SB-5A	7/15/15	1120		S	3	N	N	X	X	X				
SB-5B	7/16/15	1325		S	2	N	N	X	X					
SB-6A	7/15/15	1020		S	4	N	N	X	X	X	X			
SB-6B	7/15/15	1515		S	2	N	N	X	X					
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other terra core								1	1	1,6	1	1	1	

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Hurbert	AECOM	7/16/15 1400		TestAmerica	7/16/15 1400
Relinquished by:	Company: TA	Date/Time: 7/16/15 1600	Received by:	Company: TA	Date/Time: 7-17-15 1045
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

016139

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact			
Company Name: AECOM	Project Manager: Gary Grinstead	Site Contact: Dan Hulbert	Date: 7/16/15
Address: 5000 Virginia Manor Road	Tel/Fax:	Lab Contact: Ken Nes	Carrier:
City/State/Zip: Beltsville MD 20705	Analysis Turnaround Time		
Phone: 301-289-3900	☐ CALENDAR DAYS ☐ WORKING DAYS		
Fax: 301-289-3901	TAT if different from Below _____		
Project Name: MARA Parking Lot	☒ 2 weeks		
Site:	☐ 1 week		
P O # 60427594	☐ 2 days		
	☐ 1 day		

COC No: 2 of 3 COCs

Sampler:

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TPH-DRO	TPH-GRO	VOCs (GRO + oxy)	SVOCs	PCBs	RCRA metals	Sample Specific Notes:
SB-7A	7/15/15	0955		S	4	N	N	X	X	X	X	X	X	
SB-7B	7/15/15	1250		S	2	N	N	X	X					
SB-8A	7/15/15	1235		S	3	N	N	X	X	X				
SB-8B	7/15/15	1500		S	2	N	N	X	X					
SB-9A	7/15/15	1400		S	3	N	N	X	X	X				
SB-9B	7/16/15	1245		S	2	N	N	X	X					
SB-10A	7/16/15	1055		S	4	N	N	X	X	X	X	X	X	
SB-10B	7/16/15	1110		S	2	N	N	X	X					
SB-11A	7/15/15	1415		S	3	N	N	X	X	X				
SB-11B	7/16/15	1220		S	2	N	N	X	X					
SB-12A	7/16/15	1140		S	12	N	Y	X	X	X	X	X	X	Perform MS/MSD
SB-12B	7/16/15	1150		S	2	N	N	X	X					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Dan Hulbert	AECOM	7/16/15 1400		7/16/15 1400	TestAmerica
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TA	7/16/15 1600		TA	7-17-15 1045
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

016140

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact			
Company Name: AECOM	Project Manager: Gary Gunstead	Site Contact: Don Hulbert	Date: 7/16/15
Address: 8000 Virginia Manor Road	Tel/Fax:	Lab Contact: Ken Nels	Carrier:
City/State/Zip: Beltsville MD	Analysis Turnaround Time		
Phone: 301-289-3900	☐ CALENDAR DAYS ☐ WORKING DAYS		
Fax: 301-289-3901	TAT if different from Below _____		
Project Name: MAA Parking Lot	☒ 2 weeks		
Site:	☐ 1 week		
P O # 60427594	☐ 2 days		
	☐ 1 day		

COC No: 3 of 3 COCs

Sampler:

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-DRO	TPH-GRO	VOCs (BTEX+MTBE)	PCBs/ Metals	SVOCs	PCBs	Sample Specific Notes:
TW-4	7/15/15	1200		GW	8	N	N	X	X	X	X			
TW-7	7/15/15	1315		GW	24	N	Y	X	X	X	X			Perform MS/MSD
TW-8	7/15/15	1430		GW	8	N	N	X	X	X	X			
TW-8D	7/15/15	1430		GW	8	N	N	X	X	X	X			
TW-6	7/15/15	1540		GW	8	N	N	X	X	X	X			
TW-1	7/16/15	1025		GW	8	N	N	X	X	X	X			
TW-12	7/16/15	1200		GW	8	N	N	X	X	X	X			
EB-1GW	7/16/15	0930		W	8	N	N	X	X	X	X			
EB-1S	7/16/15	0900		W	8	N	N	X	X	X	X	X	X	
SB-10AS	7/16/15	1100		S	4	N	N	X	X	X	X	X	X	
TB-1	—	—		W	2	N	N			X				
TB-2	—	—		W	2	N	N			X				

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Hulbert	AECOM	7/16/15/1400	[illegible]	TestAmerica	7/16/15/1400
[illegible]	TA	7/16/15/1600	[illegible]	TA	7-17-15 1045
			Received in Laboratory by:	Company:	Date/Time:

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 63332**
Canton Facility

Client AECOM Site Name _____ Cooler unpacked by: [signature]

Cooler Received on 7-17-15 Opened on 7-17-15

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt
   IR GUN# A (CF +1.0 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
   ~~IR GUN# 4 (CF +0.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~ ☑ See Multiple Cooler Form
   ~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~
   IR GUN# 8 (CF -1.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 5 Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC432654
12. Were VOAs on the COC? Yes No
13. Were air bubbles >6 mm in any VOA vials? Yes No NA
14. Was a trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

TestAmerica Multiple Cooler Receipt Form/Narrative Login # : 5[illegible]
Canton Facility

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
client	A	3.0	4.0	ice
		2.8	3.8	
		0.4	1.4	
		0.6	1.6	
		3.4	4.4	

C:\Users\livengoodc\AppData\Local\Microsoft\Windows\Temporary Internet Files\OLKD16\WI-NC-099-031813 Cooler Receipt Form_page 2 - Multiple Coolers.doc
Revision 3, 3/18/13 rls

Login Container Summary Report

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
TW-4	240-53332-F-25	Plastic 500ml - with Nitric Acid	<2		
TW-7	240-53332-P-26	Plastic 500ml - with Nitric Acid	<2		
TW-7	240-53332-Q-26	Plastic 500ml - with Nitric Acid	<2		
TW-7	240-53332-R-26	Plastic 500ml - with Nitric Acid	<2		
TW-8	240-53332-F-27	Plastic 500ml - with Nitric Acid	<2		
TW-8D	240-53332-F-28	Plastic 500ml - with Nitric Acid	<2		
TW-6	240-53332-F-29	Plastic 500ml - with Nitric Acid	<2		
TW-1	240-53332-F-30	Plastic 500ml - with Nitric Acid	<2		
TW-12	240-53332-F-31	Plastic 500ml - with Nitric Acid	<2		
EB-1GW	240-53332-F-32	Plastic 500ml - with Nitric Acid	<2		
EB-1S	240-53332-F-33	Plastic 500ml - with Nitric Acid	<2		

Login Sample Receipt Checklist

Client: AECOM

Job Number: 240-53332-1

Login Number: 53332
List Number: 2
Creator: Huskey, Adam

List Source: TestAmerica Nashville
List Creation: 07/21/15 02:19 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix E

Qualifications of Environmental Professionals

Gary Patrick Grinstead
Project Manager

Professional History

Education

M.S. (Geology) University of Georgia
B.S. (Geology) University of Delaware
M.B.A (Finance) Johns Hopkins University

Years of Experience

With AECOM 9
With other firms 16

Technical Specialties

Remedial Investigations
Environmental Compliance
Project Management Strategy

Training and Certifications

OSHA 40-Hour Health and Safety Training

Professional Registrations and Affiliations

Professional Geologist, Georgia
Professional Geologist, Virginia

Mr. Grinstead has 25 years of experience in the environmental consulting field including roles as Project Scientist, Project Manager, Program Manager, District Manager and Operations Manager. Mr. Grinstead's experience has covered a wide range of environmental science and engineering projects but focused primarily on compliance planning, investigative studies and remediation for private and public sector clients. Mr. Grinstead has successfully managed and overseen work inclusive of compliance plans including Integrated Contingency Plans (One Plans), Emergency Response Plans (ERPs) and SPCC Plans. His work has also included CERCLA remedial investigation/feasibility studies (RI/FS), RCRA Facility Investigation/Corrective Measures Studies (RFI/CMS) and related projects, human health and ecological risk assessments, treatability studies and remedial design/remedial actions (RD/RA). His work has focused in Maryland and the Mid-Atlantic states since 1991 and he is well known and respected by the Maryland Department of the Environment (MDE).

Experience

Mirant Mid-Atlantic, LLC, Faulkner Ash Storage Facility, Water Balance Study. Mr. Grinstead served as the Project Manager for this hydro geological study completed for Mirant at the Faulkner Facility. The work entailed the development of a comprehensive hydro geological computer model for the entire facility whereby the volume of water, in its various forms, entering the facility and potential exiting the facility were quantitatively established. Of particular interest in this work was the evaluation of the containment effectiveness of various engineering control systems present at the Faulkner Facility including interceptor wells, trenches and treatment lagoons. The model was use to quantitatively establish that approximately 83% of the water entering the facility was captured and treated by exiting engineering controls.

Delmarva Power, Former Manufactured Gas Plant Remediation, Cambridge, Maryland. Mr. Grinstead served as the Project Manager for remediation of the former Towne Gas, Manufactured Gas Plant site in Cambridge, Maryland. Mr. Grinstead was responsible for the development of project work plans for the site and completion of the site Remedial Investigation (RI). Investigative work included the completion of numerous geoprobe borings,

well installations, and test pits. Work in adjacent Cambridge Creek included completion of a vibra-core sediment boring program, collection of surface water samples, bioassay studies, toxicological studies, and bathymetric surveys and chemical forensic analysis.

A two part remedy consisting of land-side excavation and creek-side dredging and removal was executed in the summer of 2008. This work involved the removal of approximately 7000 CY of coal tar residual impacted sediments from Cambridge creek using GPS controlled dredging techniques and capping of the creek bed with clean backfill materials.

Washington Gas Company, Maryland Voluntary Cleanup Program, Hyattsville, MD. Project Manager for Risk Assessment at former Manufactured Gas Plant Site in Hyattsville, Maryland. Work involved completion of a remedial investigation at the site and evaluation of human and ecological risk posed by property. The risk assessment was required to allow application of the site into the State of Maryland Voluntary Cleanup Program (VCP). Following completion of the Risk Assessment, supplemental site characterization was conducted. A Response Action Plan (RAP) was then generated within the VCP structure to establish a monitoring only management strategy for the site. Six large diameter monitoring/recovery wells were installed at select strategic locations to monitor for the accumulation of DNAPL/Coal tar. Currently these wells are monitored and accumulated coal tar is removed as required. Following approval of the RAP, the site was accepted into the Maryland VCP program and a Determination of No Further Action was obtained.

Constellation Energy Group (CEG), Baltimore Gas and Electric Company (BGE), SPCC Program, Multiple Locations in MD. To comply with changes to federal SPCC regulations in 2007, BGE was required to complete SPCC plans for 240 of their facilities in Maryland. The facility type ranged from electrical substations to fleet service facilities. Mr. Grinstead managed this project for BGE from Project Plan development, database Management, field data collections activities and document generation. Due to pending regulatory compliance deadlines, the project was put on a fast track with multiple field teams collecting the necessary data and document templates generated for specific facility types. The project was completed on schedule and on budget and AECOM currently maintains and upgrades all of the SPCC plans as required by regulation.

BP Fuel Services (BP), Fuel Farm and Fuel Hydrant System Investigations, Dulles International Airport (IAD). Mr. Grinstead served as the Project Manager for a major fuel service infrastructure expansion at Dulles International Airport in Chantilly, VA. The project included the subsurface investigation of an existing aviation fuel farm prior to decommissioning and demolition, the investigation of the planned site of a new fuel farm and the linear investigation of segments of the existing fuel hydrant system that were being closed or modified. The project also involved the pre-installation investigation of the planned right-of-way for the expansion of the fuel hydrant system to the location of a new terminal.

Philips Electronics, North American Corporation, Shenandoah, Virginia

Project Manager for ongoing RI/FS and Corrective Action at Genie garage door manufacturing facility. The project consists of widespread soil and groundwater impacts of tricholoroethylene (TCE) resultant from past facility disposal practices. Six areas of concern (AOCs) are currently under scrutiny. The project is particularly challenging as a result of the presence of karst limestone beneath the study area. Third party offsite impacts have also been identified. Work has involved completion of facility remedial investigation (RI), a series of interim measures, feasibility studies, long term pilot studies, risk studies and remedy selection. At present a work plan for the implementation of Enhanced Resistive Heating (ERH) to treat soil in the primary residual source area has been submitted to the Virginia Department of Environmental Quality (VDEQ) and USEPA Region III.

Conectiv Energy, Former Manufactured Gas Plant Remediation, Wilmington, Delaware. Mr. Grinstead is the project manager for the remediation of this 20-acre former MGP site located at 630 MLK Blvd. in Wilmington Delaware. The project has involved the completion of a series of supplemental site characterization activities and benchscale testing studies and the completion of a Focused Feasibility Study Report (FFS). The FSS proposed the use of In-Situ Stabilization (ISS) to remedy numerous large subsurface accumulations of liquid coal tar and coal tar impacted soils. ENSR was responsible for design of the remedy and to date ISS technology has been applied to ½ of the 20 acres site prior to redevelopment by DelDOT. The site is a State of Delaware Voluntary Cleanup Program site managed under the Hazardous Substance Cleanup Act (HSCA) regulations.