CONTEXT MAP

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GRAPHIC SCALE

(IN FEET)
1 inch = 160 ft.

ZONING MAP
SCALE: 1"=500'

VIKA

ENGINEERS ■ PLANNERS ■ LANDSCAPE ARCHITECTS ■ SURVEYORS ■ GPS SERVICES

VIKA, INCORPORATED
8180 GREENSBORO DRIVE, SUITE 200 ■ MCLEAN, VIRGINIA 22102
VOICE: 703-442-7800 ■ FAX: 703-848-2727
MCLEAN, VA GERMANTOWN, MD

BZA APPLICATION
CITY HOMES
AT FORT LINCOLN
WASHINGTON, DISTRICT OF COLUMBIA

SITE CONTEXT PLAN & ZONING MAP

VIKA REVISIONS

MARCH 18, 2008
SEPT. 14, 2007
DATE: AUG. 24, 2007

DES.	DWN.
VIKA	VIKA

SCALE: AS SHOWN

PROJECT/FILE NO. 5310-B

SHEET NO. C-3

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PROJECT SUMMARY

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City Homes at Fort Lincoln

The Development

The City Homes at Fort Lincoln project proposes to construct 56 stacked townhomes in the Fort Lincoln New Town Center, located in northeast Washington, D.C. near the intersection of Bladensburg Road and Eastern Avenue. The homes will be constructed in four phases on an as-sold basis. The Fort Lincoln New Town Corporation is pleased to be developing this site in accordance with the Fort Lincoln Urban Renewal Plan.

The Location

Fort Lincoln New Town Center is in the northeast quadrant of the city. The City Homes at Fort Lincoln project site is bordered by Bladensburg Road to the northwest, Eastern Avenue to the northeast, Fort Lincoln Drive NE to the southeast and residential developments to the southwest. The surrounding areas are predominantly residential with some commercial use. Businesses in close proximity to the site include Fort Lincoln Cemetery and Funeral Home to the northeast, Express Auto Glass to the north, Northwest Auto Body to the northwest, and residential houses and apartment buildings to the south.

The Site

The approximately 2.517 acre site is composed of vacant land, some of which is wooded. The site is at an elevation between approximately 110 and 135 feet above sea level, with slopes downgradient to the north and east. No surface water or wetlands are located on the property. The Federal Emergency Management Agency Flood Insurance Rate Map designates the site in Zone C, which is an area of minimal flooding.

The Infrastructure

The subject site is part of the residential neighborhood originally planned in the 1960s as a federally designated urban renewal area. The site is guided by the Fort Lincoln Urban Renewal Plan, which calls for the overall development of the community as a mixed-use area including townhouses, high-rise apartments, condominiums, recreational areas, retail areas, offices, preserved natural areas and historic landmarks. The proposed infrastructure includes a residential community of 56 condominiums in four separate building units on the subject property. A total of 121 on-site parking spaces, including garage spaces, driveway spaces, and visitor spaces, are included in the project development plans.

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PHASE I ENVIRONMENTAL SITE ASSEMENT

(GeoConcepts Engineering, Inc.)

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Phase I Environmental Site Assessment

City Homes at Fort Lincoln

Eastern Avenue and Fort Lincoln Drive

Washington, D.C.

GeoConcepts Engineering, Inc.
19955 Highland Vista Drive, Suite 170, Ashburn, Virginia 20147
703-726-8030 • Fax 703-726-8032 • www.geoconcepts-eng.com

Phase I and Limited Phase II Environmental Site Assessment

City Homes at Fort Lincoln
Eastern Avenue and Fort Lincoln Drive
Washington, D.C.

February 20, 2008
Project #27190.01

Prepared For:

Mr. Will Collins
The Concordia Group
6707 Democracy Blvd.
Suite 910
Bethesda, Maryland 20817

By:

GeoConcepts Engineering, Inc.
19955 Highland Vista Drive, Suite 170
Ashburn, Virginia 20147

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1.0 Findings and Conclusions

Findings

GeoConcepts has performed a Phase I and Limited Phase II Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E 1527-05 of City Homes at Fort Lincoln. The Phase I ESA report was performed on the property located at the southern intersection of Bladensburg Road and Eastern Avenue Northeast. Any exceptions to, or deviations from, this practice are described in Section 2.6 of this report. This assessment has revealed no evidence of potential recognized environmental conditions in connection with this property except for the following:

- The search identified one Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) listing within ½-mile vicinity of the site. The Fort Lincoln Barrel site was removed from the proposed National Priorities List and placed on the No Further Remedial Action Planned (NFRAP) database in 1983. Due to the location, distance, and remediation status, the CERCLIS listing poses a minimal threat of release of contamination to the Site.

- The search identified six Resource Conservation and Recovery Act-Small Quantity Generators (RCRA-SQG) in the vicinity of the Site. Three of the RCRA-SQG facilities had reported violations. However, the violations were related to recordkeeping and have since achieved compliance. The RCRA-SQG facilities pose a minimal threat of release of contamination to the Site

- The search identified 29 oil control program (OCP) Case facilities, one DC leaking underground storage tank (LUST) facility, and two Historical Leaking Underground Storage Tanks facilities within ½-mile of the Site. All of the OCP facilities and (LUST) facilities located at a hydraulically up-gradient location have a closed status except the Steuart AGIP and Thrifty Rentals. Both the Steuart AGIP and Thrifty Rental facilities have had open OCP cases since 1992 and 2000, respectively. Based on the up-gradient location, distance, direction and duration of the open status at the two facilities, ground water may have been contaminated. However, we understand that the site development plans are designed to utilize municipal utilities and slabs on-grade will not encounter ground water. Based on the closed status and the location of the majority of the OCP and LUST cases, the facilities are considered to pose a moderate threat of release of contamination to the Site.

- The search identified six underground storage tank (UST) facilities and six historical UST facilities located within ¼-mile of the Site. All of the UST listings are facilities with permanently out-of-use USTs. Due to the location, the assumed hydraulically down-gradient location and proximity, the facilities pose a minimal threat of release of contamination to the Site.

- The search identified one SWRCY facility within ½-mile of the Site. Mount Rainier Antiques, Thrift and Salvage is a commercial facility and is located at an assumed hydraulically down-gradient elevation.

- Unknown and unidentified gray PVC pipes with apparent electrical wires were observed near a tree around the pad-mounted transformer in the central portion of the Site. The apparent use of the PVC pipes and electrical wires could not be identified.

- A former orchard was located on a portion of the Site. Historically, orchard operations have caused soil contamination from the application of pesticides. Typically, the areas of the highest contamination are located in and around the mixing and packing sheds and in the upper 1 foot of soil of the orchard area. It appears that the mixing shed was located off-Site. GeoConcepts performed a limited Phase II subsurface investigation to determine if the Site's soils have been impacted by previous orchard operations. The limited Phase II investigation consisted of obtaining four soil samples collected up to a depth of 1 foot below the ground surface in the approximate area of the former orchard. The soil samples collected were submitted for chemical analysis of arsenic and pesticides.

- Olfactory petroleum odor was noted in soil samples for a geotechnical investigation on the Site at a depth of approximately 10 feet below the existing ground surface near the approximate ground water elevation. No petroleum odors were noted in the upper soil horizons.

Conclusions

The Phase I ESA identified the recognized environmental conditions as detailed previously. In our opinion, the recognized environmental concerns may negatively impact the subject site. The following recommendations should be completed for the Site:

- The unknown PVC pipe with electrical wires near the pad-mounted transformer should be properly removed from the Site according to Federal and state regulations.

- Due to the presence of the former orchard, a limited Phase II ESA was conducted to evaluate whether site soils have been contaminated with pesticides and/or herbicides. The chemical laboratory test results indicated detectable concentrations of arsenic present

in the existing surficial soils. However, based on our experience of sampling previous orchard soils, contaminated soil from the previous orchard use generally indicates much higher chemical laboratory results of both pesticides and arsenic. Accordingly, the arsenic concentrations for the samples analyzed are considered "background" levels due to the presence of naturally occurring arsenic in the Site soils.

- We understand that the development activities on-Site consist of at-grade construction of residential structures. Based on our subsurface geotechnical investigation, no olfactory petroleum odors or stained soil were noted in the upper 10 feet of the soil profile during the investigation which consisted of five soil borings. If below-grade levels will be constructed, we recommend additional soil sampling and ground water testing be performed to verify the extent of any petroleum contamination. Contaminated soil should be removed from the Site and disposed of according to Federal, state, and local regulations.

2.0 *Introduction*

This report describes the Phase I and limited Phase II Environmental Site Assessment (ESA) performed by GeoConcepts at the City Homes at Fort Lincoln site which is located south of the intersection of Bladensburg Road and Eastern Avenue in Washington, D.C. (the Site) within zip code 20018. A Site Vicinity Map and Photo Location Plan are presented in Appendix A as Figures 1 and 2, respectively. GeoConcepts conducted this ESA at the request of Mr. Will Collins of The Concordia Group who authorized this project on November 2, 2007.

The approximately 2.5-acre Site includes an open field area to the northwest and southwest sides of the Site. The central area of the Site is wooded with thick vegetation. No structures exist on the Site.

2.1 *Purpose*

The purpose of this ESA was to investigate the Site as detailed herein to identify any recognized environmental conditions and to qualify the landowner for innocent landowner defense to CERCLA liability. For the purpose of this study and as defined by ASTM and as defined by the ASTM and referenced by Environmental Protection Agency (EPA), a recognized environmental condition is defined as the presence or likely presence of any petroleum products or hazardous substances (PPHS) on a site under conditions that indicate an existing release, a past release, or a material threat of a release of any PPHS into structures on the site or into the ground, ground water, or surface water of the site. Conditions determined to be de minimus are not considered recognized environmental conditions. We understand this Phase I ESA report will be used as part of the due diligence related to a real estate transaction.

2.2 *Scope of Services*

In accordance with the guidelines set forth in the EPA regulation presented in 40 CFR Part 312: Standards and Practices for All Appropriate Inquiries (AAI) and American Society for Testing and Materials (ASTM) E 1527-05 Standard Practices for Environmental Site Assessments: Phase I Environmental Site Assessment Process, GeoConcepts performed the following activities as part of our investigation:

- Conducted a visual inspection of surface conditions at the Site on November 19, 2007;
- Interviewed the two Site contacts on November 29, 2007 and November 30, 2007 to identify specialized knowledge or experience with regard to Site characteristics;

- Interviewed local agency officials regarding recognized environmental conditions at and in the immediate vicinity of the Site;
- Reviewed a report of Federal and state environmental records conducted by a database search contractor to identify any Federal- or state-listed sites within the search radii specified in the ASTM E 1527-05 standard;
- Reviewed subsurface investigation logs of five soil test borings at the Site to evaluate subsurface conditions.
- Performed a limited Phase II investigation by providing an OSHA-certified geologist to collect four soil samples at the existing ground surface in the vicinity where the former orchard was located on the southern portion of the Site. The four soil samples were sent for chemical laboratory analysis of arsenic and pesticides in soil in accordance with EPA method 6020A and 8081A, respectively.

GeoConcepts did not conduct laboratory analyses for radon, asbestos, lead-based paint, ground water or soil contamination, urea foam formaldehyde insulation, or electromagnetic radiation. Also, this ESA is not intended to substitute for a regulatory compliance audit of the Site.

2.3 Significant Assumptions

GeoConcepts did not make any significant assumptions pertaining to the Site for this ESA, except ground water flow is expected to follow surface topography. The actual ground water flow direction can not be calculated without the installation of at least three ground water wells.

2.4 Limitations and Exceptions

The observations in this ESA are valid on the date of the Site reconnaissance and made under the limitations and conditions noted herein.

This ESA was prepared for the sole and exclusive use of the Client identified on the first page of the ESA, and is not to be used for any other purpose.

2.5 Special Terms & Conditions

The recommendations and conclusions discussed herein are based solely and in reliance upon information collected as a result of the activities and services described above in the "Scope of Services." GeoConcepts neither certifies as to the accuracy nor renders an opinion as to the accuracy or completeness of the statements of the individuals interviewed, governmental records obtained, environmental reports prepared by other consultants, analytical results, or the database search results provided by the database contractor.

GeoConcepts has drawn conclusions and developed recommendations with information obtained from limited research and Site evaluation. GeoConcepts does not give any warranty, expressed or implied, as to the presence of recognized environmental concerns, other than set forth elsewhere in this ESA.

2.6 Deviation

No deviations to the ASTM Designation E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process were made during preparation of this Phase I ESA.

2.7 Reliance

This report has been prepared exclusively for the party to whom it has been delivered to by GeoConcepts. It is confidential and proprietary. It may not be copied, disseminated, distributed or disclosed to any other parties without the expressed written permission of GeoConcepts. No third party may rely on the information contained herein without the expressed written permission of GeoConcepts.

3.0 Site Description

3.1 Site Location

The Site is located south of the intersection of Bladensburg Road Northeast and Eastern Avenue Northeast. The Site is in the block created by Eastern Avenue to the northeast, 35th Street, N.E. and Pineview Court to the southwest, Fort Lincoln Drive to the southeast, and Bladensburg Road to the northwest.

The Site is in a commercial and residential area. Businesses adjacent to the Site include Fort Lincoln Cemetery and Funeral Home to the northeast, Express Auto Glass to the north, Northwest Auto Body to the northwest, and residential houses and apartment buildings to the south.

The Washington, D.C. Real Estate Assessor's Office identifies the Site as three parcels. The Square and Lot (SSL) number and acreage of each parcel are the following: SSL 4325 0044 is 1.36 acres; SSL 4325 0802 is 0.92 acres; and PAR 01740015 is 0.23 acres.

3.2 Site Improvements

3.2.1 Structures

No existing structures were observed on the Site.

3.2.2 Roads

Bladensburg Road, Eastern Avenue, Fort Lincoln Drive, and Pineview Court are located along boundaries of the Site. No vehicular roads are located within the Site. A paved walking path extends parallel to Eastern Avenue on the northeast portion of the Site.

3.2.3 Heating and Air Conditioning

The Site is currently vacant land; therefore, no heating or air conditioning systems are present on the property.

3.2.4 Sewer

Several sewer manholes are located on the Site and the adjacent properties. The DC Sanitary Sewer Authority serves the Site. Storm water enters several storm drains that are located throughout the bordering roadways and connects to the municipal storm drainage system.

3.2.5 Water

The Site is currently vacant land; however, adjacent properties are served by municipal water. Several water meters were observed at the adjacent residential housing complex.

3.2.6 Electricity

The Site is currently vacant land; however, PEPCO provides electrical service to the adjacent properties via aboveground and underground lines. A pad-mounted transformer was observed on the Site. Additionally, large electrical wires were observed around two trees and appeared to be going into the ground on the Site.

3.3 Physical Setting

3.3.1 Topography

The Site is at an elevation between 100 and 145 feet above the National Geodetic Vertical Datum of 1929 according to the United States Geological Survey (USGS) Washington East Quadrangle. The Site slopes downward to the north and east. Land near the Site generally slopes down towards the northeast.

3.3.2 Geology

The Site is located within the Coastal Plain Physiographic Province of Washington, D.C. The Coastal Plain consists of a seaward thickening wedge of unconsolidated to semi-consolidated sedimentary deposits from the Cretaceous Geologic Period to the Holocene Geologic Epoch. These deposits represent marginal-marine to marine sediments consisting of interbedded sands and clays. The Coastal Plain is bordered to the east by the Atlantic Ocean and to the west by the Piedmont Physiographic Province. The dividing line between the Coastal Plain and the Piedmont is locally referred to as the "Fall Line". This name comes from the waterfalls that form as a result of the differential erosion that occurs as streams cross the Piedmont/Coastal Plain contact.

The Potomac Group sediments are the oldest sedimentary deposits in the Washington, D.C. area. These soils are known to be highly over-consolidated as a result of the weight of a substantial thickness of overlying soils that have since been eroded away. As a result of over-consolidation, Potomac Group soils have been pre-loaded and are capable of supporting substantial loads. The Potomac Group clays are well documented with problems associated with slope instability and excessive shrink/swell characteristics.

Based on the geotechnical engineering investigation, the Site is underlain by sandy silt fill up to an approximate depth of 2.5 feet. Below the existing fill soils, clay soils were encountered.

According to the Soil Survey of the District of Columbia, four soils are mapped on the Site. Table 1 below lists the soil types and properties.

Table 1: Summary of Soil Mapped on Site

Soil Name	Slope	Location on Site
Christiana silt loam (CeB)	0 to 8 percent	North portion
Christiana silt loam (CeC)	8 to 15 percent	Central portion
Christiana-Urban land complex (CfB)	0 to 8 percent	West portion
Sunnyside fine sandy loam (SmB)	0 to 8 percent	South portion

3.3.3 Surface Water

No surface water was observed on the Site. According to the Environmental Protection Agency "Surf Your Watershed" webpage, the Site is located in the Middle Potomac-Anacostia-Occoquan watershed. Surface runoff would drain east towards the Anacostia River if unimpeded by storm water drains.

3.3.4 Flood Zone

The November 15, 1985 Federal Emergency Management Agency Flood Insurance Rate Map (FIRM) for the vicinity indicates the Site is in Zone C. The Site is located in Zone C which is labeled an area of minimal flooding. The Site was shown on FIRM community panel 110001 0030B dated November 15, 1985. A community flood insurance study has identified such zones to be areas outside the 100-year flood plain. However, severe, concentrated rainfall, coupled with inadequate local drainage systems, could flood much of the property in this zone.

3.3.5 Wetlands

EDR compiled information from the National Wetlands Inventory (NWI) Maps, developed by the U.S. Fish and Wildlife Service. The NWI identified the nearest wetlands as

being located ⅛-mile north of the Site and ½-mile southeast of the Site. The Anacostia River is located 1-mile to the east of the Site and wetland areas occur adjacent to the river.

3.3.6 Hydrogeology

Based upon the proximity of surface water bodies (i.e., Anacostia River), GeoConcepts infers ambient ground water flow to be to the north and east. Subsequent references to hydraulic location relative to the Site are based upon GeoConcepts' inferred northeasterly direction of ground water flow.

The inferred ground water direction has been estimated based solely on site specific topography. Actual ground water flow direction may vary from the inferred flow direction estimated herein. If the inferred flow direction is used herein to evaluate the potential impact from off-site sources, there is some risk related to the inferred flow direction. The only way to document the actual flow direction would be to install and gage ground water monitoring wells. This service is beyond the scope of services for this contract, but can be provided for an additional fee, if requested.

3.4 Current Ownership and Use

The District of Columbia Real Estate Assessment website lists the property details including, the SSL, the owner, and the land area. The website identified the United States of America as the owner of the Site. The Planning and Zoning Office for the District of Columbia indicates the Site and surrounding properties as zoned R-5A and R-5D.

3.5 Current Uses of Adjoining Properties

Northeast	Abutting the property to the northeast and east is Fort Lincoln Cemetery and Funeral Home.
Northwest	Auto repair shops are located northwest of the Site across Bladensburg Road Northeast.
Southeast	Residential housing exists to the southeast.
Southwest	Three-story brick residential buildings abut the Site to the southwest.

3.6 Previous Environmental/Geotechnical Reports

No previous environmental reports for the Site were made available. A geotechnical investigation was preformed by GeoConcepts concurrently with this Phase I Environmental Site Assessment.

4.0 *Records Review*

4.1 *Standard Environmental Record Sources*

GeoConcepts contracted Environmental Data Resources, Inc. (EDR) to perform database searches of Federal and state environmental records on November 8, 2007. Federal- and state-listed sites identified within the radii specified by ASTM E 1527-05 are presented in the table below and discussed in detail in the subsequent sections. Refer to Appendix B for a complete copy of the database search report.

Table 2: Database Search Results

Database	ASTM Search Radius	Mapped Listings Found in Search Radius	
		On-Site	Off-Site
Federal Databases			
NPL	1 mile	0	0
Proposed NPL	1 mile	0	0
Delisted NPL	1 mile	0	0
CORRACTS	1 mile	0	0
DOD	1 mile	0	0
FUDS	1 mile	0	0
CONSENT	1 mile	0	0
ROD	1 mile	0	0
CERCLIS	½-mile	0	1
CERCLIS-NFRAP	½-mile	0	0
RCRA TSD	½-mile	0	0
US ENG CONTROL	½-mile	0	0
US INST CONTROL	½-mile	0	0
US BROWNFIELDS	½-mile	0	0
UMTRA	½-mile	0	0
ODI	½-mile	0	0
DEBRIS REGION 9	½-mile	0	0
LUCIS	½-mile	0	0
RCRA Lg. Quantity Generator	¼-mile	0	0

Database	ASTM Search Radius	Mapped Listings Found in Search Radius	
		On-Site	Off-Site
RCRA Sm. Quantity Generator	¼-mile	0	6
MINES	¼-mile	0	0
NPL Liens	Site	0	NA
ERNS	Site	0	NA
HMIRS	Site	0	NA
TRIS	Site	0	NA
TSCA	Site	0	NA
FTTS	Site	0	NA
SSTS	Site	0	NA
Liens 2	Site	0	NA
ICIS	Site	0	NA
RADINFO	Site	0	NA
CDL	Site	0	NA
HIST FTTS	Site	0	NA
DOT OPS	Site	0	NA
PADS	Site	0	NA
MLTS	Site	0	NA
FINDS	Site	0	NA
RAATS	Site	0	NA
State and Local Databases			
DC State Landfill	½-mile	0	0
MD State Landfill	½-mile	0	0
MD SWRCY	½-mile	0	1
DC LUST	½-mile	0	1
MD OCPCASES	½-mile	0	29
MD HIST LUST	½-mile	0	0
MD INST CONTROL	½-mile	0	0
DC VCP	½-mile	0	0
MD VCP	½-mile	0	0
MD BROWNFIELDS	½-mile	0	0

Database	ASTM Search Radius	Mapped Listings Found in Search Radius	
		On-Site	Off-Site
DC BROWNFIELDS	½-mile	0	0
DC UST	¼-mile	0	1
MD UST	¼-mile	0	6
MD Historical UST	¼-mile	0	3 (3)
DC AST	¼-mile	0	0
MD AST	¼-mile	0	0
MD Dry Cleaners	¼-mile	0	0
MD NPDES	Site	0	NA
MD AIRS	Site	0	NA
MD LEAD	Site	0	NA
Tribal Record Databases			
INDIANS RESERV	1 mile	0	0
INDIAN LUST	½-mile	0	0
INDIAN UST	¼-mile	0	0
EDR Proprietary Databases			
Manufactured Gas Plants	1 mile	0	0
EDR Historical Auto Stations	¼-mile	0	2
EDR Historical Cleaners	¼-mile	0	0

NA – Not Applicable
(#) = Includes listings identified as "orphan" sites. Orphan sites listed appear to be within the specified search radius

4.1.1 National Priority List Sites

The search did not identify any National Priority List (i.e., Superfund) sites within one mile of the Site.

4.1.2 CERCLIS Listings

The search identified one Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) site within ½-mile of the Site. The Fort Lincoln Barrel Site is located ½-mile south of the Site. The Site identification number is 0300032. On

December 30, 1982, the site was removed from the Proposed National Priorities List. On January 1, 1983, a site inspection listed the Fort Lincoln Barrel Site as NFRAP - No Further Remedial Action Planned. To obtain further information regarding the CERCLIS site, a FOIA request was submitted to Mr. Richard Van Holt, FOIA coordinator for EPA Region III during a previous site investigation on a nearby project.

The FOIA response submitted to us included the Site Inspection Report for the Fort Lincoln Drum Site prepared by NUS Corporation under EPA Contract No. 9470090003 dated August 11, 1983. NUS Corporation was asked to conduct a final inspection of the Fort Lincoln Drum Site to determine if the remedial activities conducted at the Site were properly completed. The NUS Corporation Site Inspection Report indicated that the site was comprised of four different areas referred to as: Drum Area 1, Drum Area 2, Drum Area 3, and the Drum Staging Area. According to the report, the drum areas were located in the proposed Fort Lincoln housing development. Three of the four areas are located adjacent to road right-of-ways. The fourth drum area is on a ravine adjacent to a stream. A map provided by the EPA prepared by Alster and Associates, Inc. dated March 1964 shows the drum areas in and around a steep ravine located approximately 500 feet northwest of the Site on the National Training School for Boys property. The drum areas were 200 to 400 feet from the Maryland and District of Columbia boundary line. A total of 888 drums containing various wastes including PCBs, pesticides, and organic compounds were reportedly removed from the Site.

Contaminated and potentially contaminated soil was excavated to a depth of 18 inches. The excavated areas and the "roadway" were hydro-seeded with asphalt. The report does not indicate the name of the roadway. Remedial activities were conducted by American Recovery Company, Inc. of Baltimore, Maryland in 1983. Soil samples were collected from the Site to assess the thoroughness of the remedial activities completed.

The search did not identify any CERCLIS-No Further Remedial Action Planned (NFRAP) within ¼-mile of the Site.

4.1.3 RCRA Facilities

The search identified six facilities as Resource Conservation and Recovery Act (RCRA Sm. Quan. Gen.) Small Quantity hazardous waste generator facilities. The search did not identify any RCRA Large Quantity generator facilities or Corrective Action (CORRACTS) facilities

within ¼ -mile or 1-mile of the Site, respectively. Additionally, the search did not identify any RCRA non-CORRACTS treatment, storage, and disposal (TSD) facilities within ½-mile of the Site. Table 3 summarizes the RCRA Small Quantity Generator Facility information.

Table 3: Summary of RCRA Small Quantity Generator Facilities

Name/Address	EPA ID	Distance/Direction	Description
Premium Distributors of Washington DC 3500 Fort Lincoln Drive	DCR000500371	⅛-mile northeast	No Violations Found
Goodyear Tire #0223 3156 Bladensburg Road NE	DCD983970575	⅛-mile west	4/4/1994 Violation: Recordkeeping Requirements (Achieved compliance 10/26/1994)
Mieneke Mufflers 3190 Bladensburg Road NE	DC0000144295	¼-mile west	No Violations Found
Custom Cleaners 3174 ½ Bladensburg Road NE	DCD982705527	¼-mile west	3/27/1990 Violation: All Requirements (Oversight) (Achieved compliance 4/23/1990)
Stidham Tire 3170 Bladensburg Road	DCD983970377	¼-mile west	Two recordkeeping violations (Achieved compliance 4/19/1994)
ACI American Combustion Industries Inc. 3520 Bladensburg Road	MDR000512962	¼-mile northeast	No Violations Found

Due to some facilities with "no violations," the nature of the violations noted, and the dates of the violations, the risk of the RCRA facilities affecting the Site is considered low.

4.1.4 ERNS and Virginia Spills Sites

The search did not identify the Site as having any Emergency Response Notification System (ERNS) or Virginia Spills incidents.

4.1.5 Registered Underground Storage Tanks (USTs)

The search identified one DC UST and six Maryland registered UST listings within ¼-mile of the Site. Three of the six facilities are also listed in the Maryland Historical UST database. Table 4 summarizes the UST information.

Table 4: Summary of USTs

Name/Address	Database(s)	Distance/Direction	Description
Unknown 3001 Earl Place NE	DC UST	⅛-mile northeast	Two 2,000-gallon capacity tanks; all Permanently Out of Use
Cottage City Citgo 3308 Bladensburg Road	MD UST, OCPCASES, and MD Historical UST	⅛-mile northeast	Nine 500 to 10,000-gallon capacity tanks; all Permanently Out of Use
Aramark 3320 Bladensburg Road	MD UST, OCPCASES, and MD Historical UST	⅛-mile northeast	Three 2,000 to 10,000-gallon capacity tanks; all Permanently Out of Use
Fort Lincoln Cemetery 3401 Bladensburg Road	MD UST and OCPCASES	⅛-mile northeast	Two 1,000 to 2,000-gallon capacity tanks; all Permanently Out of Use
Bergmann's Inc. 3501-37th Street	MD UST, OCPCASES, and MD Historical UST	⅛-mile northwest	Two 4,000 to 8,000-gallon capacity tanks; all Permanently Out of Use

The facilities listed in the DC and Maryland UST database have permanently out of use tanks. Due to the current status of the tanks, the risk to the Site is low to medium.

4.1.6 Registered Aboveground Storage Tanks (ASTs)

The search did not identify any registered above ground storage tanks (ASTs) at the Site or within ¼-mile of the Site.

4.1.7 Leaking USTs (LUSTs and Ltanks)

The search identified one DC LUST incident and 29 MD Oil Control Program Cases (OCPCASES) within ½-mile of the Site. Table 5 lists incidents within ⅛-mile of the Site and all facilities with open cases.

Table 5: Summary of DC LUST Cases and MD OCPCASES

Name/Address	Facility ID	Distance/Direction	Facility Status
Cottage City Service 3308 Bladensburg Road	96-1970PG2 93-2596PG2	⅛-mile northeast	Both cases closed.
Aramark 3320 Bladensburg Road	02-1614PG2 97-0683PG2	⅛-mile northeast	Both closed.
Fort Lincoln Cemetery 3401 Bladensburg Road	93-2179PG2 93-2239PG2 99-1670PG2 98-0413PG2 8-0540PG1	⅛-mile northeast	All cases closed.
FEA Inc & J P Brent Co 3434 Bladensburg Road	95-1961PG2	⅛-mile northeast	Case closed

Name/Address	Facility ID	Distance/Direction	Facility Status
Bergmann's Cleaners 3501 37th Street	94-0710PG2	⅛-mile northwest	Case closed
Steuart AGIP 3556 Bladensburg Road	92-2563PG2	¼-mile Northwest	Open case.
Thrifty Rentals 3210-3220 Rhode Island	00-1161PG2	½-mile Northwest	Open case.

The numerous facilities with leaking USTs within a close proximity to the Site have the potential to negatively impact the Site.

4.1.8 Solid Waste Facilities/Landfills

The search did not identify any solid waste facilities or landfills within ½-mile of the Site. However, a listing was identified in the Maryland Solid Waste Recycling Facilities database. The facility, Mount Rainer Antiques, Thrift and Salvage is located approximately ½-mile north of the Site. No violations or incidents were reported in the EDR report at the Site.

4.1.9 Federal and State ASTM Supplemental Databases

The search did not identify any listings on the abutting properties or on the Site.

4.1.10 EDR Proprietary Records

The search identified two EDR Historical Auto Stations less than ⅛-mile from the Site. The two historical auto stations are located at 3107 and 3200 Bladensburg Road, N.E. Both facilities were Texaco Service Stations from 1940 to 1964. Due to the historical use of adjacent properties as auto service stations, the risk of petroleum contamination to the Site is considered medium to high.

4.1.11 Database Search "Orphan" Properties

"Orphan" properties are properties that are located in the general vicinity of the Site. However, due to inaccurate or missing information provided by the appropriate governmental agency, the database search contractor was unable to definitively plot these sites.

GeoConcepts reviewed the "orphan" sites list in an attempt to definitively locate these properties. If we were able to locate such a property within a respective ASTM search radius, it was included above in the appropriate database sections of this ESA. GeoConcepts also determined that neither the Site nor any adjacent properties were identified on the list of orphan properties. Refer to Appendix B for information on the remaining orphan properties which we were unable to definitively locate.

4.2 Historical Use Information for the Site & Adjoining Properties

4.2.1 History of Ownership

Although ASTM E 1527-05 does not require that title records be reviewed, a cursory review was performed in order to identify any potential environmental concerns or environmental liens associated with previous Site uses. Due to the complexity and incompleteness of the chain-of-title, however, greater reliance was placed on other historical information (e.g., Sanborn Fire Insurance maps, City Directories, etc.).

An environmental lien search was attempted to be performed by EDR. Since the property does not have a current address designation, EDR could not perform an environmental lien search.

History of ownership was researched by GeoConcepts' personnel by reviewing publicly available deed and land records at the D.C. Real Estate Assessment website. A detailed title search was not readily available from the client at the time of writing this report. It should be noted that the history of ownership review conducted by GeoConcepts and presented herein does not constitute a title search conducted by a duly licensed title insurance company, abstract company, or duly licensed attorney and should not be relied upon as a legal title abstract or chain of title document.

4.2.2 Sanborn Fire Insurance Rate Maps

GeoConcepts performed a historical map search using Environmental Data Resources, Inc. (EDR). Sanborn Map Reports from 1939, 1959, 1960, 1963, 1977, 1985, 1989, 1990, 1991, 1992, and 1995 for the vicinity were available and are located in Appendix D. Several of the Sanborn maps reviewed did not show abutting properties or the actual Site. The complete boundaries of the Site were only visible on the 1989, 1990, 1991, 1992, and 1995 maps. The Sanborn Maps were reviewed and relevant aspects are presented below.

1939 - The Site is not shown on the map; however, Independent Laundries, Inc. and railroad tracks are shown near the Site to the northwest. The majority of buildings in the area are residential housing. Approximately ¾-miles to the northwest, open coal pockets, coal fires, and a chemical warehouse are shown. Eastern Avenue abuts the site to the north and Washington & Baltimore Boulevard is located to the east. The Maryland and District of Columbia boundary line is across Eastern Avenue to the northeast.

1959/1960 - The Site is mostly vacant. A Tire Sales and Service Center abuts the property to the northwest. Residential buildings abut the property to the west. Washington & Baltimore Boulevard changed its name to Bladensburg Road. Several additional warehouses are located to the northwest of the Site.

1963 - The Site is not shown on the map. A large District News Company magazine distributor center is located north of the Site.

1977 - The Site is vacant. The Tire Sales and Service Center is no longer shown abutting the Site. Several warehouses and a filling station are shown southwest of the Site.

1985 - No significant changes were observed on the Site or abutting properties.

1989 - The Site is vacant. Residential buildings abut the Site to the southeast and west. Lincoln Elementary School is located south of the Site.

1990/91/92/95- No significant changes were observed on the Site or abutting properties.

4.2.3 Aerial Photographs

GeoConcepts reviewed aerial photographs of the Site and vicinity provided by EDR. An aerial photograph dated 1997 was reviewed on Microsoft TerraServer provided courtesy of the USGS. Aerial photographs from EDR dated 1957, 1963, 1970, 1980, and 1988 are at a scale of 1 inch equals 750 feet. Relevant aspects of this review are presented below.

1957 - The Site is undeveloped land with cleared fields in the north and southwest, and wooded area to the southeast containing a portion of an orchard. A larger orchard exists on the adjacent property to the south of the Site. A large cemetery exists to the east of the Site. Railroad tracks extending northeast to southwest are located to the northwest of the Site. Several residential buildings are located southwest of the Site.

1963 - No significant changes were observed on the Site. Several assumed commercial or industrial buildings were located along Bladensburg Road to the north of the Site.

1970 - No significant changes were observed on the Site or abutting properties.

1980 - The orchard is no longer present on-Site and construction activities appear to be occurring. A road was constructed that extended south of the Site. Residential buildings have been constructed along the road to the south of the Site.

1988 - No significant changes were observed on the Site or abutting properties.

4.2.4 Topographic Maps

GeoConcepts reviewed topographic maps of the Site and the vicinity provided by EDR. USGS 7.5-minute series topographic maps from the Washington and Vicinity 3 of 4, and Washington East Quadrangles dated 1943, 1950, 1951, 1956, 1965, 1971 (photorevised from 1965), and 1979 (photorevised from 1965) were reviewed. USGS 30-minute series topographic maps from the Patuxent Quadrangle dated 1906 was reviewed. Relevant aspects of the review are presented below.

1906 - Due to the map scale, only topographic features were visible. Site specific details were not visible.

1943 - The Site appears to be undeveloped. Bladensburg Road abuts the Site to the north. The District of Columbia and Maryland boundary, as well as the Fort Lincoln Cemetery abuts the Site to the east. A small residential street with several residential houses abuts the Site to the southwest. The National Training School for Boys is located ¼-mile south of the Site. The Anacostia River extends north/south approximately ½-mile east of the Site. The Baltimore and Ohio Railroad extends northeast/southwest to the northwest of the Site. The Pennsylvania Railroad extends east/west approximately ¾-mile south of the Site. A sewage disposal plant is located approximately ¾-mile east of the Site.

1950 - No significant changes were observed to the Site or adjacent properties.

1951 - No significant changes were observed to the Site. The National Arboretum is located 1-mile south of the Site.

1956 - The Site is labeled Park and woodland is shown on the southern portion. No significant changes were observed to the adjacent properties.

1965 - No significant changes were observed to the Site; however, the woodland on the southern portion of the Site is shown as an orchard. Assumed commercial or industrial buildings are located along Bladensburg Road to the north of the Site.

1971 - No significant changes were observed to the Site or adjacent properties.

1979 - No significant changes were observed to the Site except the orchard is no longer on the southern portion.

4.2.5 City Directories

GeoConcepts preformed a city directories search using EDR. A City Directories Report identifying nearby addresses from 1993 to 2000 is located in Appendix D. The addresses listed appear to be residential homes.

4.2.6 Summary of Historical Information

Based on historical topographic maps, aerial photographs, Sanborn Fire Insurance Maps, City Directory, and other historical documents, the northern portion of the Site has not been developed; however, the southern portion of the Site contained an orchard from approximately the 1950's to the 1970's. The surrounding area has been developed into an industrial and residential area. Data gaps in the historical documents reviewed do not appear at the time of writing this report to affect the environmental professional's ability to identify conditions indicative of releases or threatened releases of hazardous substances.

5.0 Site Reconnaissance

5.1 Methodology and Limiting Conditions

Performed By: Ms. Ashley Hogan

Date: November 19, 2007

Weather: Cloudy, 40s

The objective of the Site reconnaissance was to identify recognized environmental conditions at or in the immediate vicinity of the Site by means of a visual, surficial inspection. GeoConcepts' reconnaissance consisted of a systematic traverse of the Site to provide visual observations of Site improvements, facilities, and grounds. GeoConcepts also attempted to visually inspect exterior portions of adjacent properties observable from within the boundaries of the Site.

As part of our Site reconnaissance, GeoConcepts did not attempt to inspect inaccessible areas of the Site including, but not limited to:

- Areas obscured by extremely dense vegetation, storage of materials, stockpiles, etc.; and,
- Inside electrical transformers.

The passage of time may result in a change in the environmental characteristics at the Site and the surrounding properties. GeoConcepts does not render any opinion as to the environmental conditions at the Site after the date of the Site reconnaissance. GeoConcepts does not undertake to update the conclusions or recommendations of this ESA. GeoConcepts renders no opinion as to the environmental conditions at uninspected or visually obstructed portions of the Site.

5.2 Interior and Exterior Observations

5.2.1 Underground Storage of Petroleum Products or Hazardous Substances/Wastes

GeoConcepts did not observe any visual evidence of underground storage tanks (USTs) at the Site.

5.2.2 Aboveground Storage of Petroleum Products or Hazardous Substances/Wastes

GeoConcepts did not observe any ASTs on the Site.

5.2.3 Potentially Hazardous Substances

GeoConcepts did not observe any potentially hazardous substances on-Site.

5.2.4 Transformers and Potential Polychlorinated Biphenyls (PCBs) Sources

GeoConcepts observed a pole-mounted transformer in the overhead utility lines at the north end of the Site at the intersection of Eastern Avenue, N.E. and Bladensburg Road, N.E. A pad-mounted transformer is located at the southern end of the Site. Unknown and unidentified gray PVC pipes with apparent electrical wires were observed near a tree around the pad-mounted transformer. The apparent use of the PVC pipes and electrical wires could not be identified.

The 1976 Toxic Substances Control Act gave the EPA regulatory control over use of PCBs. EPA partially banned the use of PCBs in November 1979, and banned all use of PCBs in newly-installed electromagnets, transformers, heat-transfer, and hydraulic systems in July 1984.

GeoConcepts only conducted a visual inspection for potential PCB-containing equipment since any further inspection is beyond the scope of this ESA.

5.2.5 Solid Waste Disposal

GeoConcepts observed some household trash, three tires, construction fencing, and a wood debris pile on Site. We did not observe any dumpsters or hazardous waste on Site.

5.2.6 Stained Soil or Environmentally Stressed Vegetation

GeoConcepts observed an area of sparse grass (likely due to the sloped angle) on the southern end of the Site. No stained vegetation was observed on the Site.

5.2.7 Airborne and Waterborne Contamination

GeoConcepts did not observe any physical evidence of airborne or waterborne contamination from on-Site activities or adjacent properties.

5.2.8 Asbestos-Containing Building Material (ACBM)

GeoConcepts did not conduct an asbestos inspection for ACBMs since such inspection is beyond the scope of this ESA.

5.2.9 Lead-Based Paint (LBP)

GeoConcepts did not conduct an inspection for LBP since such inspection is beyond the scope of this ESA.

5.2.10 Lead in Drinking Water

GeoConcepts did not conduct an inspection for lead in drinking water since such inspection is beyond the scope of this ESA.

5.2.11 Radon

GeoConcepts did not conduct an inspection for radon because such inspection is beyond the scope of this ESA. According to the information provided in the EDR Database Search, the EPA's radon zone map shows the Site is in Zone One. Zone One has an indoor average level greater than 4 pCi/L. Two hundred fifteen sites have been tested in the Site's zip code. The maximum radon level detected was 52.2 pCi/L with the majority of the tests (205 of 215) being less than 4 pCi/L.

6.0 *Subsurface Investigation*

A former orchard was located on a southern portion of the Site. Historically, orchard operations have caused soil contamination from the application of pesticides. Heavy metals contamination may be present as they were constituents of older pesticides. Typically, the areas of the highest contamination are located in and around the mixing and packing sheds and in the upper 1 foot of soil of the orchard area. It appears that the mixing shed was located off-Site. To determine if the Site's soils have been impacted by previous orchard operations, GeoConcepts performed a limited Phase II subsurface investigation.

Four soil samples were collected by Ms. Ashley Hogan, an OSHA-certified geologist, on February 4, 2008. The sample locations were randomly located on the south end of the Site in the approximate area where the assumed previous orchard existed. A sampling location plan is included in Appendix F. Each soil sample was obtained using a hand auger boring to a depth of approximately one foot below the existing ground surface. All excess soil was returned to the sampling location. The hand auger equipment was decontaminated between sampling locations using Alconox cleaner. All soil samples were placed into four-ounce sample jars, labeled, and transported to the laboratory for chemical analysis.

Caliber Analytical Services, LLC analyzed the samples for the presence of arsenic and pesticides using EPA methods 6020A and 8081A, respectively. The chemical laboratory test results are included in Appendix F. A summary of results are listed below in Table 6. A variety of 21 organochlorine pesticides were tested in accordance with EPA method 8081A. All four soil samples were reported as "non-detect" (ND). "Non-detect" indicates the contaminant level, if present, was below the detection limits for the equipment and method. The arsenic levels varied from 2.0 to 4.6 parts per million (ppm).

Table 6: Soil Sample Test Results

Sample Identification	Analyzed Parameter	
	Pesticides	Arsenic
S-1	ND	4.6
S-2	ND	2.0
S-3	ND	2.9

Sample Identification	Analyzed Parameter	
	Pesticides	Arsenic
S-4	ND	2.6

-ND means "non-detect"
-Parameter concentrations listed in Table 2 are in parts per million (ppm)

The soil sample test results indicated that arsenic levels were above the U.S. EPA Region III carcinogenic and non-carcinogenic risk based concentrations (RBCs) in residential soils of 0.43 ppm. The RBC value is considered a guideline and not a regulatory limit. The soil samples tested are below the USEPA Preliminary Remediation Goal (PRG) screening guideline of 22 ppm.

The arsenic levels indicated in the majority of chemical test results appear to be naturally occurring background levels based on published ranges for natural soils. According to available geochemistry and soils literature, the background levels of arsenic observed in the on-site soils may range up to the levels indicated in the chemical laboratory analysis of 4.6 ppm. In our experience of sampling previous orchard soils, contaminated soil from previous orchard use generally indicates relatively higher concentrations of both pesticides and arsenic than the concentration values reported herein. Considering the relatively low concentration values from the chemical analysis of the site samples, we believe the Site is not currently contaminated by previous orchard use.

Based on published arsenic ranges for natural soils and geochemistry publications, the levels of arsenic observed in the soil at a depth of 6 inches below the ground surface may be considered as "background levels" for the natural soils in the region. It should be noted that because there is very little data available regarding the impact of a site's past use as an orchard on a future residential development, the protocols to be followed are not well established. Generally, if arsenic concentration levels are background levels and naturally occurring, one would not consider the site "contaminated", or require any special provisions or additional studies to be completed. However, due to the fact that the site was previously an orchard, it may be necessary to provide documentation regarding the risk related to the presence of the naturally occurring arsenic as detailed herein.

It is unclear at this writing whether there is such analytical information readily available. In order to evaluate whether there is information available regarding this topic, it would be necessary to conduct a review of available literature or research which is beyond the scope of services of this contract. In the event information or data is not available to provide the assurances needed to develop the Site for residential purposes, it may be necessary to conduct a risk based, quantitative assessment of the Site.

Also, it is noted that grading operations (i.e. making cuts and fills) typically cause arsenic concentrations to decrease. This is due to the stripping of surficial soils, mixing of soils during cut to fill operations, and other similar activities. Accordingly, it is recommended that additional sampling and testing for arsenic be completed after grading operations in order to document the final site conditions with respect to arsenic contamination.

For the geotechnical engineering investigation, five soil test borings were performed at the site on November 19, 2007. Soil samples were obtained in the borings at 5 feet intervals to a depth of up to 20 feet below the ground surface at each location. The soil test borings indicated subsurface conditions consisting of lean and fat clay soils. Fill soils were located in two of the borings to a depth up to 2.5 feet. Petroleum odors were noted in two of the borings at approximately 8.5 feet below the existing ground surface.

7.0 Interviews

7.1 Interview with Site Contact

GeoConcepts interviewed Mr. Will Collins, the prospective purchaser, and Mr. Juan Gaddeis, Property Manager of the Site with Fort Lincoln Realty, in regard to recognized environmental conditions in connection with the Site on November 29, 2007 and November 30, 2007, respectively. Mr. Collins and Mr. Gaddeis were aware of and openly discussed the majority of the information contained in this report. A copy of the completed interview forms is presented in Appendix D.

7.2 Interviews with Local Government Officials

Please note that the report references Freedom of Information Act (FOIA) letters that were submitted to various government agencies. Assuming the information is provided to us, we will review the information and evaluate whether the information has an impact on the findings, conclusions, and recommendations we have provided. If an impact is identified, we will inform you and provide any recommendations deemed necessary. Please note also that we will not provide any further correspondence or contact you if the FOIA information is not sent to us, or if the information does not indicate an impact to the Site.

7.2.1 Fire Department

A FOIA request was sent to the D.C. Fire & Emergency Medical Services Department, Office of the Fire Marshal on November 9, 2007. A faxed response was sent on November 27, 2007. Per a telephone conversation on November 28, 2007, the Customer Service Desk from the Fire Marshal's office informed GeoConcepts that the Site could not be located in the records. He suggested speaking with Lieutenant Rogerson, Technical Supervisor; however, he was unavailable.

7.2.2 Virginia Department of Environmental Quality

A FOIA request was faxed to the VDEQ Valley Regional Office requesting any available information on the Site or in the vicinity. GeoConcepts is currently awaiting formal notification on its completion. The FOIA request letter is included in Appendix D.

7.2.3 Health Department

A FOIA request was sent to the Department of Health and Human Services, and GeoConcepts is currently awaiting formal notification on its completion. The FOIA request letter is included in Appendix D.

8.0 *References*

Database Search:

Environmental Data Resources, Inc. (EDR), The EDR Radius Map with GeoCheck compiled November 8, 2007.

Resources:

District of Columbia Real Property Assessments Website, https://www.taxpayerservicecenter.com/RP_Search.jsp?search_type=Assessment.

Federal Emergency Management Agency (FEMA); Flood Insurance Rate Map; Community Panel 30 of 30, Map #110001 0030B dated November 15, 1985.

United States Geological Survey; 7.5 minute series Washington East and Washington and Vicinity 3 of 4 Topographic Quadrangle.

United States Geological Survey; 30 minute series Patuxent Topographic Quadrangle.

United States Department of the Interior, Fish and Wildlife Service, National Wetlands Inventory Map, Washington, D.C., electronic data compiled by EDR.

United States Department of Agriculture, Soil Conservation Service; Web Soil Survey 2.0 – District of Columbia. Version 5, September 14, 2006. http://websoilsurvey.nrcs.usda.gov

9.0 Signatures of Environmental Professionals

As required by 40 CFR 312.21 (d) and ASTM E 1527-05, the following statements apply to this report:

- I, Daniel F. Gradishar, declare that, to the best of our professional knowledge and belief, I meet the definition of Environmental professional as defined in §312.10 of CFR 312.

Ashley Hogan

Ashley Hogan

Staff Geologist

Dan Gradishar

Daniel F. Gradishar, P.E.

Associate

APPENDIX A
FIGURES

L E G E N D

APPROXIMATE SITE BOUNDARY

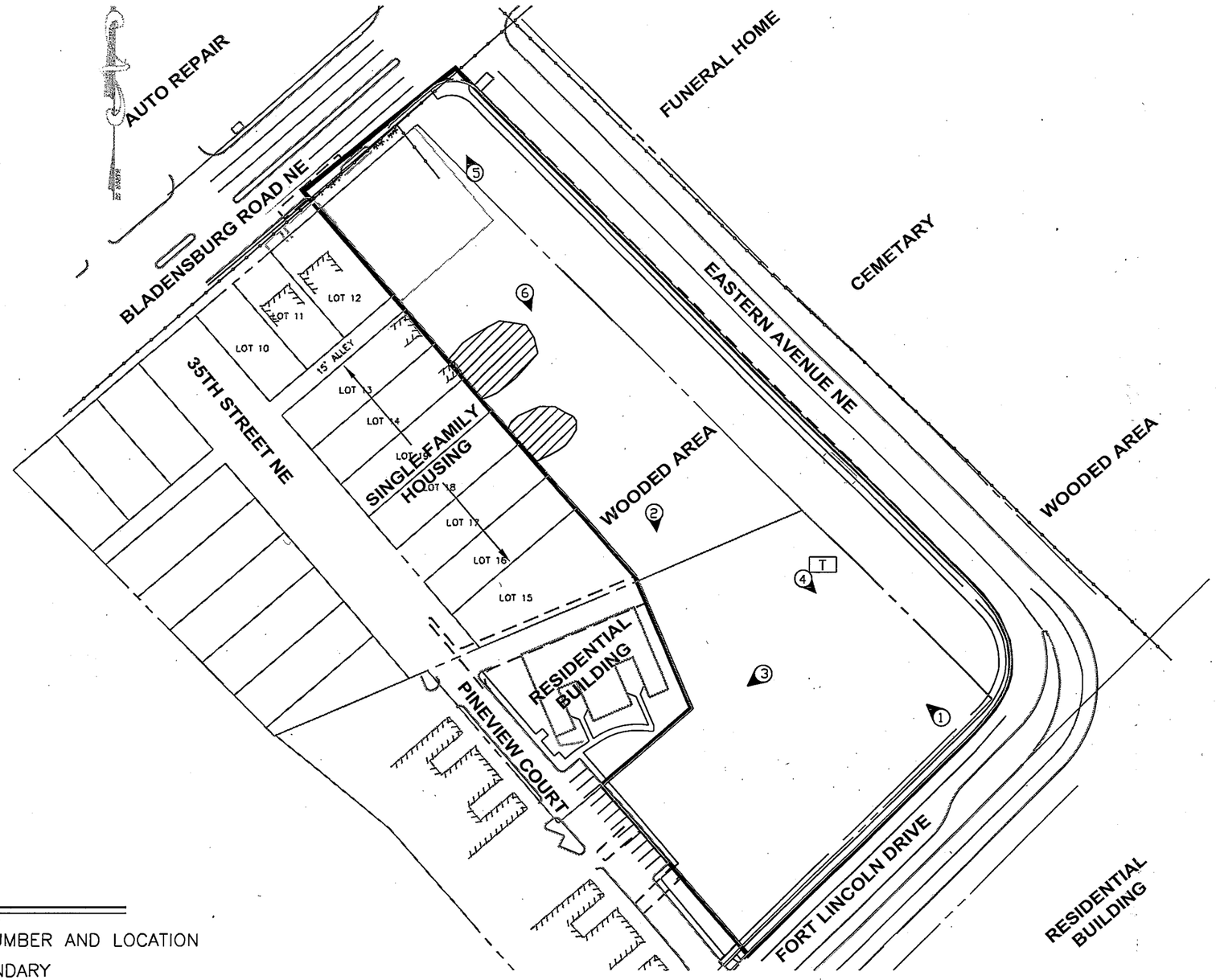
COPYRIGHT MAPTECH TERRAIN NAVIGATOR 2001 SOFTWARE
– USGS 7.5–MINUTE SERIES WASHINGTON EAST QUADRANGLE 11982

GeoConcepts Engineering, Inc.

19955 Highland Vista Dr., Suite 170 (703) 726-8030
Ashburn, Virginia 20147 (703) 726-8032 fax

CITY HOMES AT FORT LINCOLN, BLADENSBURG ROAD AND EASTERN AVENUE N.E., WASHINGTON D.C.

SITE VICINITY MAP		Scale: N.T.S.	Fig. 1
Date: FEB. 2008	Checked By: D.G.	Project No.: 27190.01	



LEGEND

- ① APPROXIMATE PHOTO NUMBER AND LOCATION
- APPROXIMATE SITE BOUNDARY
- OVERHEAD UTILITY LINES
- T OR Ⓣ TRANSFORMER
- DEBRIS PILE

N:\PROJECTS\Active 07 Projects\27190.01\CAD\PHOTO LOCATION PLAN.dwg

GeoConcepts Engineering, Inc.

19955 Highland Vista Dr., Suite 170 (703) 726-8030
Ashburn, Virginia 20147 (703) 726-8032 fax

CITY HOMES AT FORT LINCOLN, BLADENSBURG ROAD AND EASTERN AVENUE N.E., WASHINGTON D.C.

PHOTO LOCATION PLAN		Scale: N.T.S.	Fig.
Date: FEBRUARY 2008	Checked By: D.G.	Project No.: 27190.01	2

APPENDIX B
REGULATORY RECORDS DOCUMENTATION

The EDR Radius Map
with GeoCheck®

City Homes at Fort Lincoln
Eastern Ave./Fort Lincoln Dr.
Washington, DC 20018

Inquiry Number: 2072860.2s

November 08, 2007

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

EASTERN AVE./FORT LINCOLN DR.
WASHINGTON, DC 20018

COORDINATES

Latitude (North):	38.929560 - 38˚ 55' 46.4''
Longitude (West):	76.956720 - 76˚ 57' 24.2''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	330385.0
UTM Y (Meters):	4310572.5
Elevation:	100 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	38076-H8 WASHINGTON EAST, MD
Most Recent Revision:	1982

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:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL LIENS..... Federal Superfund Liens
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information
ERNS..... Emergency Response Notification System
HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
LIENS 2	CERCLA Lien Information
RADINFO	Radiation Information Database
US CDL	Clandestine Drug Labs
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ICIS	Integrated Compliance Information System
LUCIS	Land Use Control Information System
DOT OPS	Incident and Accident Data
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

DC SHWS	This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
MD SHWS	Notice of Potential Hazardous Waste Sites
DC SWF/LF	Solid Waste Facility Listing
MD SWF/LF	Permitted Solid Waste Disposal Facilities
MD HIST LUST	Recovery Sites
DC AST	List of Aboveground Storage Tanks
MD AST	Permitted Aboveground Storage Tanks
MD INST CONTROL	Voluntary Cleanup Program Applicants/Participants
DC VCP	Voluntary Cleanup Program Sites
MD VCP	Voluntary Cleanup Program Applicants/Participants
MD DRYCLEANERS	Registered Drycleaning Facilities
MD BROWNFIELDS	Eligible Brownfields Properties
DC BROWNFIELDS	Brownfields Site Database
MD NPDES	Wastewater Permit Listing
MD AIRS	Permit and Facility Information Listing
MD LEAD	Lead Inspection Database

TRIBAL RECORDS

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

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

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.

FEDERAL RECORDS

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

A review of the CERCLIS list, as provided by EDR, and dated 04/23/2007 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FORT LINCOLN BARREL SITE	***BARNEY DR NE***	***1/4 - 1/2 S***	***38***	***41***

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

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
PREMIUM DISTRIBUTORS OF WASHIN	***3500 FORT LINCOLN DRIVE***	***0 - 1/8***	***1***	***6***
GOODYEAR TIRE #0223	***3156 BLADENSBURG RD NE***	***0 - 1/8 WSW***	***12***	***19***
MEINEKE MUFFLERS	***3190 BLADENSBURG RD NE***	***1/8 - 1/4 WSW***	***D24***	***28***
CUSTOM CLEANERS	3174 1/2 BLADENSBURG RO	1/8 - 1/4 WSW	D25	36
STIDHAM TIRE	***3170 BLADENSBURG RD***	***1/8 - 1/4 WSW***	***D26***	***37***

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
ACI AMERICAN COMBUSTION INDUST	3520 BLADENSBURG RD	1/8 - 1/4 NE	27	38

STATE AND LOCAL RECORDS

MD SWRCY: List of Department of Environment's Recycling Facilities

A review of the MD SWRCY list, as provided by EDR, has revealed that there is 1 MD SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
MT. RAINIER ANTIQUES, THRIFT &	3815 34TH STREET	1/4 - 1/2 NNW	I45	44

DC LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Consumer and Regulatory Affairs' District of Columbia LUST Cases list.

A review of the DC LUST list, as provided by EDR, and dated 09/12/2007 has revealed that there is 1 DC LUST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
CAP NISSAN - 3101 R.I.	3101 RHODE ISLAND AVENU	1/4 - 1/2 NW	44	44

MD OCPCASES: Cases monitored by the Oil Control Program.

A review of the MD OCPCASES list, as provided by EDR, has revealed that there are 29 MD OCPCASES sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
COTTAGE CITY SERVICE Facility Status: CLOSED Facility Status: CLOSED	3308 BLADENSBURG RD	0 - 1/8 NNE	A3	13
ARNMARK Facility Status: CLOSED	3320 BLADENSBURG RD.	0 - 1/8 NE	A6	15
ARAMARK Facility Status: CLOSED	3320 BLADENSBURG RD.	0 - 1/8 NE	A8	16
FORT LINCOLN CEMETERY Facility Status: CLOSED Facility Status: CLOSED	3401 BLADENSBURG RD	0 - 1/8 NE	B16	25
FT. LINCOLN CEMETARY Facility Status: CLOSED	3401 BLADENSBURG RD.	0 - 1/8 NE	B17	26
FT. LINCOLN CEMETARY Facility Status: CLOSED	3401 BLADENSBURG RD.	0 - 1/8 NE	B18	26
FT. LINCOLN CEMENTERY INC./ MA Facility Status: CLOSED	3401 BLADENSBURG RD	0 - 1/8 NE	B19	26
FEA INC & J P BRENT CO Facility Status: CLOSED	3434 BLADENSBURG RD	1/8 - 1/4 NE	B20	27

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
BERGMAN'S CLEANERS Facility Status: CLOSED	3501 37TH ST.	1/8 - 1/4 NW	C21	27
STEUART AGIP Facility Status: OPEN	3556 BLADENSBURG RD	1/4 - 1/2 NE	E29	38
XTRA MART	3556 BLADENSBURG ROAD	1/4 - 1/2 NE	E30	39
XTRA MART Facility Status: CLOSED	3556 BLADENSBURG ROAD	1/4 - 1/2 NE	E31	39
MR. SMIALEK Facility Status: CLOSED	3711 WELLS AVE	1/4 - 1/2 N	F32	39
CITY OF MT. RAINIER Facility Status: CLOSED	3715 WELLS AVE	1/4 - 1/2 N	F33	40
METROPOLITAN TRANSMISSION SERV Facility Status: CLOSED	3725 WELLS AVE.	1/4 - 1/2 N	F34	40
IMPORT GALLERY Facility Status: CLOSED	3600 BLADENSBURG RD.	1/4 - 1/2 NE	G35	40
PORTTOWNS SHOPPING CENTER Facility Status: CLOSED	3601-3831 BLADENSBURG R	1/4 - 1/2 NE	G36	41
BONTON FOOD PRODUCTS Facility Status: CLOSED	3801 - 37TH PLACE	1/4 - 1/2 NNE	37	41
TONY LEONARD Facility Status: CLOSED	3603 PERRY ST.	1/4 - 1/2 N	39	43
JOHNSON RESIDENCE Facility Status: CLOSED	3710 PARKWOOD ST.	1/4 - 1/2 NE	40	43
RYDER TRUCK Facility Status: CLOSED	3210 RHODE ISLAND AVE	1/4 - 1/2 NW	H41	43
THRIFTY RENTALS Facility Status: OPEN	3210-3220 RHODE ISLAND	1/4 - 1/2 NW	H42	43
AIR COMPRESSOR SPILL Facility Status: CLOSED	3200 RHODE ISLAND AVE.	1/4 - 1/2 NW	H43	44
HOLDEN PROPERTY Facility Status: CLOSED	3701 QUINCY ST.	1/4 - 1/2 N	46	45
MT. RAINIER ARTIST APTS. Facility Status: OPEN	3801 33RD ST	1/4 - 1/2 NNW	47	45
W.F. HARPER & SON Facility Status: CLOSED	3830 34TH ST.	1/4 - 1/2 NNW	I48	45
SOVRAN BANK Facility Status: CLOSED	3716 RHODE ISLAND AVE	1/4 - 1/2 N	J49	46
BUNKER HILL FIRE STATION Facility Status: CLOSED	3716 RHODE ISLAND AVE.	1/4 - 1/2 N	J50	46
PG CO GOVERNMENT Facility Status: CLOSED	3716 RHODE ISLAND AVE.	1/4 - 1/2 N	J51	46

EXECUTIVE SUMMARY

DC 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 Consumer & Regulatory Affairs' D.C. UST Database List.

A review of the DC UST list, as provided by EDR, and dated 08/13/2007 has revealed that there is 1 DC UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
UNKNOWN	3001 EARL PL NE	1/8 - 1/4 WSW	28	38

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 08/13/2007 has revealed that there are 6 MD UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
COTTAGE CITY CITGO	3308 BLADENSBURG ROAD	0 - 1/8 NNE	A2	10
ARAMARK	3320 BLADENSBURG ROAD	0 - 1/8 NE	A9	16
FT. LINCOLN CEMETERY (GASOLINE	3401 BLADENSBURG ROAD	0 - 1/8 NE	B13	24
FT. LINCOLN CEMETERY (LITTLE C	3401 BLADENSBURG ROAD	0 - 1/8 NE	B14	24
FT. LINCOLN CEMETERY (MAUSOLEU	3401 BLADENSBURG ROAD	0 - 1/8 NE	B15	25
BERGMANN'S INC.	3501-37TH ST.	1/8 - 1/4 NW	C23	28

MD HIST UST: Historical UST Registered Database.

A review of the MD Historical UST list, as provided by EDR, has revealed that there are 3 MD Historical UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
COTTAGE CITY CITGO	3308 BLADENSBURG RD	0 - 1/8 NNE	A4	14
ARA SVCS. MAG\BOOK DIVISION	3320 BLADENSBURG RD	0 - 1/8 NE	A7	15
BERGMANN'S INC.	3501 37TH. ST.	1/8 - 1/4 NW	C22	27

EDR PROPRIETARY RECORDS

EDR Historical Auto 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.

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

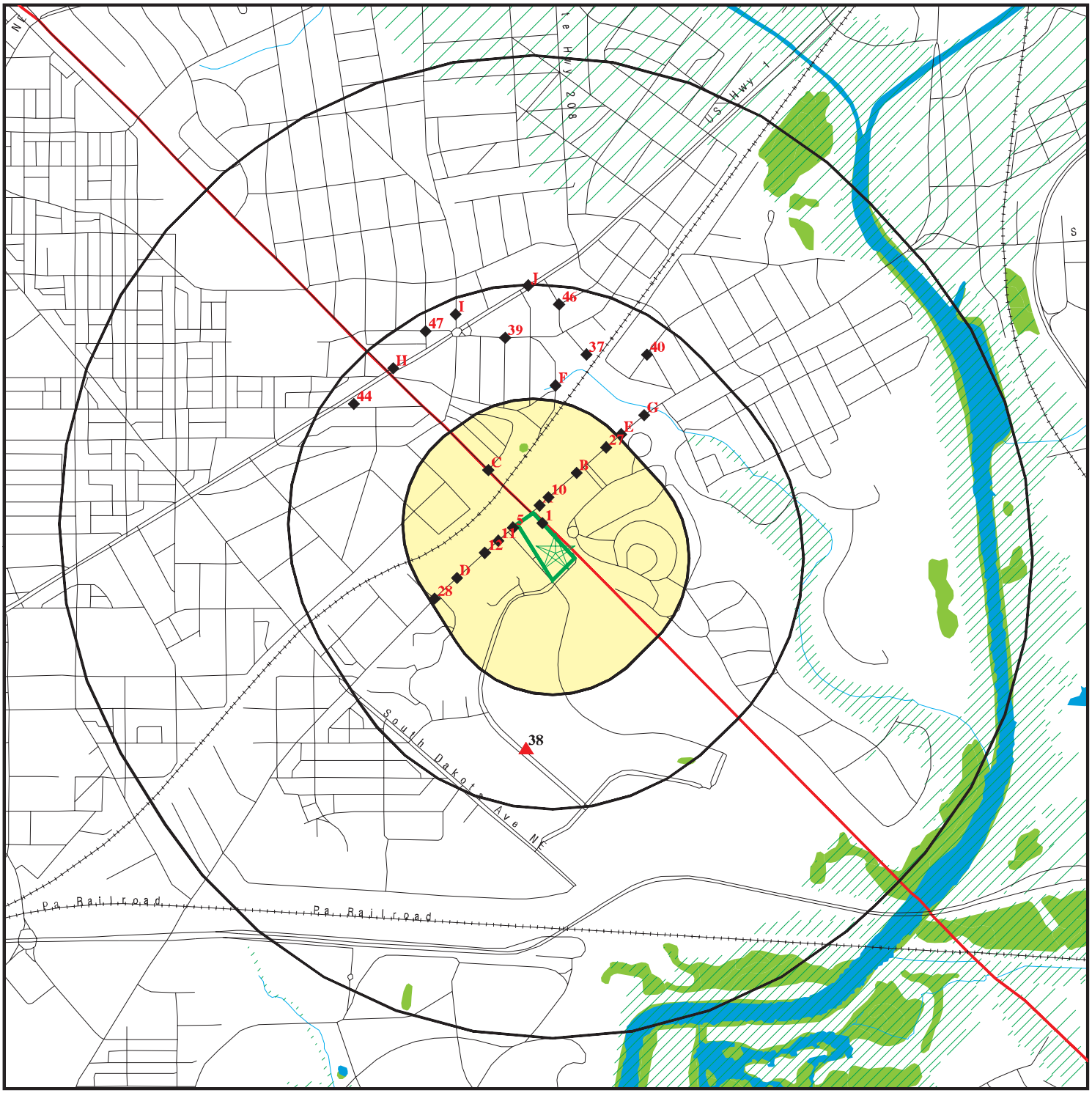
Lower Elevation	Address	Dist / Dir	Map ID	Page
LEWIS & MOSS TEXACO SERVICE ST	3107 BLADENSBURG RD NE	0 - 1/8 WSW	5	15
CLIFF & KEN S TEXACO SERVICE	3200 BLADENSBURG RD NE	0 - 1/8 WSW	11	19

EXECUTIVE SUMMARY

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

Site Name	Database(s)
ANACOSTIA RIVER PARK	MD SHWS
ANACOSTIA RIVER PARK	CERC-NFRAP
NORTHWEST AUTO BODY	RCRA-SQG, CERC-NFRAP
UNIVERSAL APPLIANCE CO.	DC LUST, DC UST
CITY OF MT. RAINIER	MD UST
PULTE HOMES	DC UST
FT. LINCOLN ELEMENTARY SCHOOL	DC UST
CAR SHOP - IVY CITY YARD	ERNS
FORT LINCOLN CEMETARY, INC.	MD Historical UST
FORT LINCOLN CEMETARY, INC.	MD Historical UST
FORT LINCOLN CEMETARY, INC.	MD Historical UST
FORT MYER CONSTRUCTION	MD OCPCASES

OVERVIEW MAP - 2072860.2s



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

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: City Homes at Fort Lincoln	CLIENT: GeoConcepts Engineering
ADDRESS: Eastern Ave./Fort Lincoln Dr. Washington DC 20018	CONTACT: Ashley Hogan
	INQUIRY #: 2072860.2s
LAT/LONG: 38.9296 / 76.9567	DATE: November 08, 2007 2:58 pm

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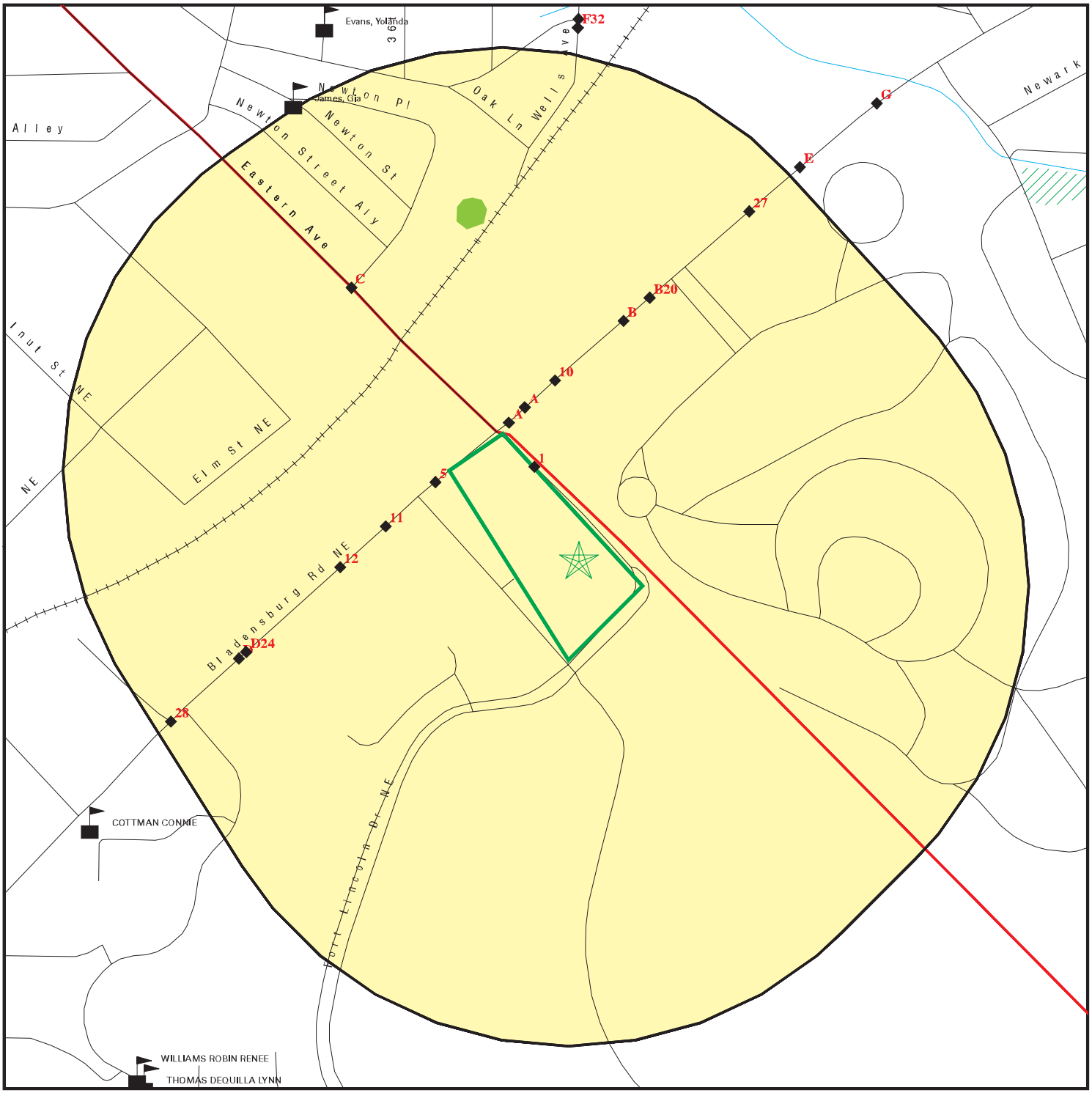
DETAIL MAP - 2072860.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

County Boundary

Oil & Gas pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

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

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	INQUIRY #: 2072860.2s
LAT/LONG: 38.9296 / 76.9567	DATE: November 08, 2007 2:58 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	2	4	NR	NR	NR	6
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
DC State Haz. Waste		N/A	N/A	N/A	N/A	N/A	N/A	N/A
MD State Haz. Waste		N/A	N/A	N/A	N/A	N/A	N/A	N/A
DC State Landfill		0.500	0	0	0	NR	NR	0
MD State Landfill		0.500	0	0	0	NR	NR	0
MD SWRCY		0.500	0	0	1	NR	NR	1
DC LUST		0.500	0	0	1	NR	NR	1
MD OCPCASES		0.500	7	2	20	NR	NR	29

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MD HIST LUST		0.500	0	0	0	NR	NR	0
DC UST		0.250	0	1	NR	NR	NR	1
MD UST		0.250	5	1	NR	NR	NR	6
MD Historical UST		0.250	2	1	NR	NR	NR	3
DC AST		0.250	0	0	NR	NR	NR	0
MD AST		0.250	0	0	NR	NR	NR	0
MD INST CONTROL		0.500	0	0	0	NR	NR	0
DC VCP		0.500	0	0	0	NR	NR	0
MD VCP		0.500	0	0	0	NR	NR	0
MD DRYCLEANERS		0.250	0	0	NR	NR	NR	0
MD BROWNFIELDS		0.500	0	0	0	NR	NR	0
DC BROWNFIELDS		0.500	0	0	0	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
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	2	0	NR	NR	NR	2
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

1 **PREMIUM DISTRIBUTORS OF WASHINGTON DC** **RCRA-SQG** **1006930334**
3500 FORT LINCOLN DRIVE **NJ MANIFEST** **DCR000500371**
< 1/8 **WASHINGTON, DC 20018**
4 ft.

Relative:
Lower

Actual:
88 ft.

RCRAInfo:
Owner: PREMIUM DISTRIBUTORS
EPA ID: DCR000500371
Contact: CHARLES CAMERON
(202) 526-3900
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NJ MANIFEST:
Manifest Code: NJA5094708
EPA ID: DCR000500371
Date Shipped: 20040408
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 040408
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 040416
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 05180421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5040515
EPA ID: DCR000500371
Date Shipped: 20040701
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 040701
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 040703
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 08040422
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

PREMIUM DISTRIBUTORS OF WASHINGTON DC (Continued) **1006930334**

Manifest Code: NJA5071201
EPA ID: DCR000500371
Date Shipped: 20040920
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 040920
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 040924
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 10270422
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5224840
EPA ID: DCR000500371
Date Shipped: 20041217
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 041217
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 041222
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 01310521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5308110
EPA ID: DCR000500371
Date Shipped: 20060119
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: TXR000050930
Date Trans1 Transported Waste: 060119
Date Trans2 Transported Waste: 060123
Date TSDF Received Waste: 060124
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03020621
Reference Manifest Number: Not reported

PREMIUM DISTRIBUTORS OF WASHINGTON DC (Continued) **1006930334**

Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D039
Quantity: 5
Unit: G
Hand Code: T04

Waste Code: D001
Quantity: 7
Unit: G
Hand Code: T04

Manifest Code: NJA5308680
EPA ID: DCR000500371
Date Shipped: 20060419
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 060419
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 060426
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 06200621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D039
Quantity: 5
Unit: G
Hand Code: T04

Waste Code: D001
Quantity: 7
Unit: G
Hand Code: T04

Manifest Code: NJA5309046
EPA ID: DCR000500371
Date Shipped: 20060711
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 060711
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 060713
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 08210621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001

PREMIUM DISTRIBUTORS OF WASHINGTON DC (Continued) **1006930334**

Quantity: 7
Unit: G
Hand Code: T04

Waste Code: D039
Quantity: 5
Unit: G
Hand Code: T04

Manifest Code: NJA5213697
EPA ID: DCR000500371
Date Shipped: 20050509
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 050509
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 050511
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 06220525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5225209
EPA ID: DCR000500371
Date Shipped: 20050802
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 050802
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 050809
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 09160521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5250982
EPA ID: DCR000500371

PREMIUM DISTRIBUTORS OF WASHINGTON DC (Continued) **1006930334**

Date Shipped:	20051026
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Date Trans1 Transported Waste:	051026
Date Trans2 Transported Waste:	000000
Date TSDF Received Waste:	051103
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	12140535
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

A2 **COTTAGE CITY CITGO** **MD UST** **U003736996**
NNE **3308 BLADENSBURG ROAD** **N/A**
< 1/8 **COTTAGE CITY, MD 20722**
42 ft.

Site 1 of 7 in cluster A

Relative:
Lower

Actual:
85 ft.

UST:

Facility ID:	5659
Facility Phone:	(410) 864-1482
Owner Id:	3429
Owner Name:	The Eastgate Trust
Owner Contact:	John G. Decker
Owner Address:	Suite 204 1313 Dolley Madison Boulevard
Owner City,St,Zip:	Mc Lean, VA 22101
Owner Phone:	(703) 760-4900
Operator:	Not reported
Tank ID:	1
Authorized Representative:	John G. Decker
Title:	Manager/The Eastgate Trust
Date:	07-Dec-99
Date Intalled:	01/01/83
Substance Description:	Gasoline
Tank Material:	Composite (Steel w/ FRP)
Pipe Material:	Bare Steel
Tank Status:	**Permanently Out of Use**
Capacity:	10000

Facility ID:	5659
Facility Phone:	(410) 864-1482
Owner Id:	3429
Owner Name:	The Eastgate Trust
Owner Contact:	John G. Decker
Owner Address:	Suite 204 1313 Dolley Madison Boulevard
Owner City,St,Zip:	Mc Lean, VA 22101
Owner Phone:	(703) 760-4900
Operator:	Not reported
Tank ID:	2
Authorized Representative:	John G. Decker

COTTAGE CITY CITGO (Continued) **U003736996**

Title:	Manager/The Eastgate Trust
Date:	07-Dec-99
Date Intalled:	01/01/83
Substance Description:	Gasoline
Tank Material:	Composite (Steel w/ FRP)
Pipe Material:	Bare Steel
Tank Status:	**Permanently Out of Use**
Capacity:	10000

Facility ID:	5659
Facility Phone:	(410) 864-1482
Owner Id:	3429
Owner Name:	The Eastgate Trust
Owner Contact:	John G. Decker
Owner Address:	Suite 204 1313 Dolley Madison Boulevard
Owner City,St,Zip:	Mc Lean, VA 22101
Owner Phone:	(703) 760-4900
Operator:	Not reported
Tank ID:	3
Authorized Representative:	John G. Decker
Title:	Manager/The Eastgate Trust
Date:	07-Dec-99
Date Intalled:	01/01/83
Substance Description:	Gasoline
Tank Material:	Composite (Steel w/ FRP)
Pipe Material:	Bare Steel
Tank Status:	**Permanently Out of Use**
Capacity:	10000

Facility ID:	5659
Facility Phone:	(410) 864-1482
Owner Id:	3429
Owner Name:	The Eastgate Trust
Owner Contact:	John G. Decker
Owner Address:	Suite 204 1313 Dolley Madison Boulevard
Owner City,St,Zip:	Mc Lean, VA 22101
Owner Phone:	(703) 760-4900
Operator:	Not reported
Tank ID:	4
Authorized Representative:	John G. Decker
Title:	Manager/The Eastgate Trust
Date:	07-Dec-99
Date Intalled:	01/01/83
Substance Description:	Diesel
Tank Material:	Composite (Steel w/ FRP)
Pipe Material:	Bare Steel
Tank Status:	**Permanently Out of Use**
Capacity:	8000

Facility ID:	5659
Facility Phone:	(410) 864-1482
Owner Id:	3429
Owner Name:	The Eastgate Trust
Owner Contact:	John G. Decker
Owner Address:	Suite 204 1313 Dolley Madison Boulevard
Owner City,St,Zip:	Mc Lean, VA 22101
Owner Phone:	(703) 760-4900

COTTAGE CITY CITGO (Continued) **U003736996**

Operator: Not reported
Tank ID: 5
Authorized Representative: John G. Decker
Title: Manager/The Eastgate Trust
Date: 07-Dec-99
Date Intalled: 01/01/73
Substance Description: Used Oil
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Galvanized Steel
Tank Status: Permanently Out of Use
Capacity: 500

Facility ID: 5659
Facility Phone: (410) 864-1482
Owner Id: 3429
Owner Name: The Eastgate Trust
Owner Contact: John G. Decker
Owner Address: Suite 204 1313 Dolley Madison Boulevard
Owner City,St,Zip: Mc Lean, VA 22101
Owner Phone: (703) 760-4900
Operator: Not reported
Tank ID: 6
Authorized Representative: John G. Decker
Title: Manager/The Eastgate Trust
Date: 07-Dec-99
Date Intalled: 01/01/73
Substance Description: Heating Oil
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Copper
Tank Status: Permanently Out of Use
Capacity: 1000

Facility ID: 5659
Facility Phone: (410) 864-1482
Owner Id: 3429
Owner Name: The Eastgate Trust
Owner Contact: John G. Decker
Owner Address: Suite 204 1313 Dolley Madison Boulevard
Owner City,St,Zip: Mc Lean, VA 22101
Owner Phone: (703) 760-4900
Operator: Not reported
Tank ID: 7
Authorized Representative: John G. Decker
Title: Manager/The Eastgate Trust
Date: 07-Dec-99
Date Intalled: / /
Substance Description: Used Oil
Tank Material: Unknown
Pipe Material: Unknown
Tank Status: Permanently Out of Use
Capacity: 1000

Facility ID: 5659
Facility Phone: (410) 864-1482
Owner Id: 3429
Owner Name: The Eastgate Trust
Owner Contact: John G. Decker

COTTAGE CITY CITGO (Continued) **U003736996**

Owner Address: Suite 204 1313 Dolley Madison Boulevard
Owner City,St,Zip: Mc Lean, VA 22101
Owner Phone: (703) 760-4900
Operator: Not reported
Tank ID: 8
Authorized Representative: John G. Decker
Title: Manager/The Eastgate Trust
Date: 07-Dec-99
Date Intalled: / /
Substance Description: Gasoline
Tank Material: Unknown
Pipe Material: Unknown
Tank Status: Permanently Out of Use
Capacity: 4000

Facility ID: 5659
Facility Phone: (410) 864-1482
Owner Id: 3429
Owner Name: The Eastgate Trust
Owner Contact: John G. Decker
Owner Address: Suite 204 1313 Dolley Madison Boulevard
Owner City,St,Zip: Mc Lean, VA 22101
Owner Phone: (703) 760-4900
Operator: Not reported
Tank ID: 9
Authorized Representative: John G. Decker
Title: Manager/The Eastgate Trust
Date: 07-Dec-99
Date Intalled: / /
Substance Description: Gasoline
Tank Material: Unknown
Pipe Material: Unknown
Tank Status: Permanently Out of Use
Capacity: 8000

A3 **COTTAGE CITY SERVICE** **MD OCPCASES** **S104599417**
NNE **3308 BLADENSBURG RD** **N/A**
< 1/8 **BRENTWOOD, MD 20722**
42 ft.

Site 2 of 7 in cluster A

Relative: Lower

Actual: 85 ft.

OCP:
Facility ID: 96-1970PG2
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: N/A
Missing in Action: False

Facility ID: 93-2596PG2
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Tank Closure - Motor/Lube Oil

COTTAGE CITY SERVICE (Continued) **S104599417**

Missing in Action: False

A4
NNE
< 1/8
42 ft.

Relative:
Lower

Actual:
85 ft.

COTTAGE CITY CITGO
3308 BLADENSBURG RD
BRENTWOOD, MD 20722

MD Historical UST **S104633211**
N/A

Site 3 of 7 in cluster A

Historical UST:

Facility ID:	3010074
Tank ID:	001
Age:	12
Capacity:	10,000
Tank Status:	Currently in use
Product:	Gasoline

Facility ID:	3010074
Tank ID:	002
Age:	12
Capacity:	10,000
Tank Status:	Currently in use
Product:	Gasoline

Facility ID:	3010074
Tank ID:	003
Age:	12
Capacity:	10,000
Tank Status:	Currently in use
Product:	Gasoline

Facility ID:	3010074
Tank ID:	004
Age:	12
Capacity:	8,000
Tank Status:	Currently in use
Product:	Diesel

Facility ID:	3010074
Tank ID:	005
Age:	12
Capacity:	500
Tank Status:	Removed
Product:	Used Oil

Facility ID:	3010074
Tank ID:	006
Age:	Not reported
Capacity:	1000
Tank Status:	Removed
Product:	Heating Oil

5
WSW
< 1/8
61 ft.

LEWIS & MOSS TEXACO SERVICE STATION
3107 BLADENSBURG RD NE
WASHINGTON, DC

EDR Historical Auto Stations

1009003170
N/A

Relative:
Lower

Actual:
95 ft.

EDR Historical Auto Stations:

Name: EDELIN LEON J
Year: 1940
Type: GASOLINE AND OIL SERVICE STATIONS

Name: EDELIN LEON J
Year: 1943
Type: GASOLINE AND OIL SERVICE STATIONS

Name: EDELIN LEON J
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: LEWIS & MOSS TEXACO SERVICE STATION
Year: 1954
Type: GASOLINE STATIONS

A6
NE
< 1/8
117 ft.

ARNMARK
3320 BLADENSBURG RD.
BRENTWOOD, MD 20722

MD OCPCASES

S105509494
N/A

Site 4 of 7 in cluster A

Relative:
Lower

Actual:
81 ft.

OCP:

Facility ID: 02-1614PG2
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: B-9
Missing in Action: False

A7
NE
< 1/8
117 ft.

ARA SVCS. MAG\\BOOK DIVISION
3320 BLADENSBURG RD
BRENTWOOD, MD 20722

MD Historical UST

S104639399
N/A

Site 5 of 7 in cluster A

Relative:
Lower

Actual:
81 ft.

Historical UST:

Facility ID: 6009788
Tank ID: 001
Age: Not reported
Capacity: 7,000
Tank Status: Currently in use
Product: Heating Oil

Facility ID: 6009788
Tank ID: 002
Age: Not reported
Capacity: 10,000
Tank Status: Currently in use
Product: Gasoline

ARA SVCS. MAG\\BOOK DIVISION (Continued) **S104639399**

Facility ID: 6009788
Tank ID: 003
Age: Not reported
Capacity: 4,000
Tank Status: Currently in use
Product: Used Oil

A8
NE
< 1/8
117 ft.

Relative:
Lower

Actual:
81 ft.

ARAMARK **MD OCPCASES** **S104600438**
3320 BLADENSBURG RD. **N/A**
BLADENSBURG, MD 20722

Site 6 of 7 in cluster A

OCP:
Facility ID: 97-0683PG2
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Tank Test Failure - Motor/Lube Oil
Missing in Action: False

A9
NE
< 1/8
117 ft.

Relative:
Lower

Actual:
81 ft.

ARAMARK **MD UST** **U004012947**
3320 BLADENSBURG ROAD **N/A**
BRENTWOOD, MD 20722

Site 7 of 7 in cluster A

UST:
Facility ID: 5340
Facility Phone: Not reported
Owner Id: 9296
Owner Name: Brentwood Development Group LLC C/O Wilks Co
Owner Contact: Berk Sherman
Owner Address: 6031 Kawsas Avenue NW
Owner City,St,Zip: Washington, DC 20011
Owner Phone: (202) 882-1100
Operator: Not reported
Tank ID: 1
Authorized Representative: Berk Sherman
Title: Not reported
Date: 19-Jun-02
Date Intalled: 10/01/87
Substance Description: Heating Oil
Tank Material: Asphalt Coated or Bare Steel
Pipe Material: Bare Steel
Tank Status: Permanently Out of Use
Capacity: 8000

Facility ID: 5340
Facility Phone: Not reported
Owner Id: 9296
Owner Name: Brentwood Development Group LLC C/O Wilks Co
Owner Contact: Berk Sherman
Owner Address: 6031 Kawsas Avenue NW

ARAMARK (Continued) **U004012947**

Owner City,St,Zip:	Washington, DC 20011
Owner Phone:	(202) 882-1100
Operator:	Not reported
Tank ID:	2
Authorized Representative:	Berk Sherman
Title:	Not reported
Date:	19-Jun-02
Date Intalled:	04/01/87
Substance Description:	Gasoline
Tank Material:	Asphalt Coated or Bare Steel
Pipe Material:	Bare Steel
Tank Status:	**Permanently Out of Use**
Capacity:	10000

Facility ID:	5340
Facility Phone:	Not reported
Owner Id:	9296
Owner Name:	Brentwood Development Group LLC C/O Wilks Co
Owner Contact:	Berk Sherman
Owner Address:	6031 Kawsas Avenue NW
Owner City,St,Zip:	Washington, DC 20011
Owner Phone:	(202) 882-1100
Operator:	Not reported
Tank ID:	3
Authorized Representative:	Berk Sherman
Title:	Not reported
Date:	19-Jun-02
Date Intalled:	01/01/80
Substance Description:	Used Oil
Tank Material:	Asphalt Coated or Bare Steel
Pipe Material:	Bare Steel
Tank Status:	**Permanently Out of Use**
Capacity:	2000

---

10 **FONTANA LITHOGRAPH** **NY MANIFEST** **1009223752**
NE **3342 BLADENSBURG ROAD** **N/A**
< 1/8 **BRENTWOOD, MD 20722**
255 ft.

Relative:
Lower

Actual:
77 ft.

NY MANIFEST:

Document ID:	NYB8039349
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	JA334
Trans2 State ID:	Not reported
Generator Ship Date:	960927
Trans1 Recv Date:	960927
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	961009
Part A Recv Date:	961016
Part B Recv Date:	961031
Generator EPA ID:	MDP000004744
Trans1 EPA ID:	NJD986607380
Trans2 EPA ID:	Not reported
TSDF ID:	NYD057770109
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00495
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	009

FONTANA LITHOGRAPH (Continued) **1009223752**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported
EPA ID:	MDP000004744
Facility Name:	FONTANA LITHOGRAPH
Facility Address:	3342 BLADENSBURG ROAD
Facility City:	BRENTWOOD
Facility Address 2:	Not reported
Country:	USA
County:	Not reported
Mailing Name:	FONTANA LITHOGRAPH
Mailing Contact:	BENJAMIN WALKER
Mailing Address:	3342 BLADENSBURG ROAD
Mailing Address 2:	Not reported
Mailing City:	BRENTWOOD
Mailing State:	MD
Mailing Zip:	Not reported
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	301-927-3800
Document ID:	LAA3371326
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MDHWH539
Trans2 State ID:	Not reported
Generator Ship Date:	960614
Trans1 Recv Date:	960614
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960716
Part A Recv Date:	Not reported
Part B Recv Date:	960812
Generator EPA ID:	MDP000004744
Trans1 EPA ID:	NJD986607380
Trans2 EPA ID:	Not reported
TSDF ID:	NYD057770109
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00440
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported

FONTANA LITHOGRAPH (Continued) **1009223752**

Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported
EPA ID:	MDP000004744
Facility Name:	FONTANA LITHOGRAPH
Facility Address:	3342 BLADENSBURG ROAD
Facility City:	BRENTWOOD
Facility Address 2:	Not reported
Country:	USA
County:	Not reported
Mailing Name:	FONTANA LITHOGRAPH
Mailing Contact:	BENJAMIN WALKER
Mailing Address:	3342 BLADENSBURG ROAD
Mailing Address 2:	Not reported
Mailing City:	BRENTWOOD
Mailing State:	MD
Mailing Zip:	Not reported
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	301-927-3800

11
WSW
< 1/8
285 ft.

CLIFF & KEN S TEXACO SERVICE **EDR Historical Auto Stations** **1009122443**
3200 BLADENSBURG RD NE **N/A**
WASHINGTON, DC

Relative:
Lower

Actual:
97 ft.

EDR Historical Auto Stations:

Name:	CLIFF & KEN S TEXACO SERVICE
Year:	1964
Type:	GASOLINE STATIONS

12
WSW
< 1/8
491 ft.

GOODYEAR TIRE #0223 **RCRA-SQG** **1000732374**
3156 BLADENSBURG RD NE **FINDS** **DCD983970575**
WASHINGTON, DC 20018 **NJ MANIFEST**

Relative:
Lower

Actual:
99 ft.

GOODYEAR TIRE #0223 (Continued) **1000732374**

RCRAInfo:

Owner: GOODYEAR TIRE CORP
(800) 321-2136
EPA ID: DCD983970575

Contact: MARCELO HERNANDEZ
(202) 526-3885

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.41
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 04/04/1994
Actual Date Achieved Compliance: 10/26/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/04/1994
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	GENERATOR-RECORDKEEPING REQUIREMENTS	19941026

FINDS:

Other Pertinent Environmental Activity Identified at Site

NJ-NJEMS (New Jersey - New Jersey Environmental Management System). The Department of Environmental Protection (NJDEP) manages large databases of environmental information in this integrated system.

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

NJ MANIFEST:

Manifest Code: NJA5094710
EPA ID: DCD983970575
Date Shipped: 20040420
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 040420
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 040426
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 05110421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported

GOODYEAR TIRE #0223 (Continued) **1000732374**

Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5037924
EPA ID: DCD983970575
Date Shipped: 20040727
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 040727
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 040729
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 08180421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5071983
EPA ID: DCD983970575
Date Shipped: 20041119
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 041119
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 041124
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 01050525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5259336
EPA ID: DCD983970575
Date Shipped: 20060215
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 060215

GOODYEAR TIRE #0223 (Continued) **1000732374**

Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 060221
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 04040621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D039
Quantity: 15
Unit: G
Hand Code: T04

Waste Code: D039
Quantity: 5
Unit: G
Hand Code: T04

Manifest Code: NJA5309684
EPA ID: DCD983970575
Date Shipped: 20060601
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 060601
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 060608
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 07200621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D039
Quantity: 15
Unit: G
Hand Code: T04

Waste Code: D039
Quantity: 5
Unit: G
Hand Code: T04

Manifest Code: NJA5222459
EPA ID: DCD983970575
Date Shipped: 20050307
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 050307
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 050315
Tranporter 1 Decal: Not reported

GOODYEAR TIRE #0223 (Continued) **1000732374**

Tranporter 2 Decal: Not reported
Data Entry Number: 04250525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5223274
EPA ID: DCD983970575
Date Shipped: 20050701
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 050701
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 050706
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 08020525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5250866
EPA ID: DCD983970575
Date Shipped: 20051019
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 051019
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 051025
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 01130625
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

B13
NE
< 1/8
562 ft.

Relative:
Lower

Actual:
71 ft.

FT. LINCOLN CEMETERY (GASOLINE SERVICE AREA)
3401 BLADENSBURG ROAD
BRENTWOOD, MD 20722

MD UST

U004012350
N/A

Site 1 of 8 in cluster B

UST:

Facility ID:	238
Facility Phone:	(301) 864-5090
Owner Id:	196
Owner Name:	Stewart Interprises T/A Ft. Lincoln Cemetery
Owner Contact:	Bed Kindrick
Owner Address:	6707 Democracy Boulevard Suite 950
Owner City,St,Zip:	Bethesda, MD 20817
Owner Phone:	(301) 564-6450
Operator:	Harry Miller
Tank ID:	1
Authorized Representative:	Harry A. Miller, Jr.
Title:	V.P. Operation
Date:	27-Feb-97
Date Intalled:	06/01/88
Substance Description:	Gasoline
Tank Material:	Cathodically Protected Steel
Pipe Material:	Bare Steel
Tank Status:	**Permanently Out of Use**
Capacity:	1000

B14
NE
< 1/8
562 ft.

Relative:
Lower

Actual:
71 ft.

FT. LINCOLN CEMETERY (LITTLE CHURCH)
3401 BLADENSBURG ROAD
BRENTWOOD, MD 20722

MD UST

U004012352
N/A

Site 2 of 8 in cluster B

UST:

Facility ID:	239
Facility Phone:	(301) 864-5090
Owner Id:	196
Owner Name:	Stewart Interprises T/A Ft. Lincoln Cemetery
Owner Contact:	Bed Kindrick
Owner Address:	6707 Democracy Boulevard Suite 950
Owner City,St,Zip:	Bethesda, MD 20817
Owner Phone:	(301) 564-6450
Operator:	Harry Miller
Tank ID:	1
Authorized Representative:	Harry A. Miller, Jr.
Title:	V.P. Operation
Date:	27-Feb-97
Date Intalled:	/ /
Substance Description:	Not Listed
Tank Material:	Not Listed
Pipe Material:	Not Listed
Tank Status:	**Permanently Out of Use**
Capacity:	2000

B15
NE
< 1/8
562 ft.

Relative:
Lower

Actual:
71 ft.

FT. LINCOLN CEMETERY (MAUSOLEUM)
3401 BLADENSBURG ROAD
BRENTWOOD, MD 20722

MD UST **U004012348**
N/A

Site 3 of 8 in cluster B

UST:

Facility ID:	237
Facility Phone:	(301) 864-5090
Owner Id:	196
Owner Name:	Stewart Interprises T/A Ft. Lincoln Cemetery
Owner Contact:	Bed Kindrick
Owner Address:	6707 Democracy Boulevard Suite 950
Owner City,St,Zip:	Bethesda, MD 20817
Owner Phone:	(301) 564-6450
Operator:	Ben Holland
Tank ID:	1
Authorized Representative:	Richard L. Ryan II
Title:	Project Manager
Date:	13-Jan-99
Date Intalled:	06/01/88
Substance Description:	Heating Oil
Tank Material:	Cathodically Protected Steel
Pipe Material:	Bare Steel
Tank Status:	**Permanently Out of Use**
Capacity:	2000

B16
NE
< 1/8
562 ft.

Relative:
Lower

Actual:
71 ft.

FORT LINCOLN CEMETERY
3401 BLADENSBURG RD
BRENTWOOD, MD 20722

MD OCPCASES **1002935794**
N/A

Site 4 of 8 in cluster B

OCP:

Facility ID:	93-2179PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	Not reported
Cleanup:	Not reported
Facility Code:	Not reported
Missing in Action:	True

Facility ID:	93-2239PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	Not reported
Cleanup:	Not reported
Facility Code:	Not reported
Missing in Action:	False

B17
NE
< 1/8
562 ft.

FT. LINCOLN CEMETARY
3401 BLADENSBURG RD.
COTTAGE CITY, MD

MD OCPCASES **S104596510**
N/A

Site 5 of 8 in cluster B

Relative:
Lower

Actual:
71 ft.

OCP:

Facility ID:	99-1670PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	NO
Cleanup:	NO
Facility Code:	B-9
Missing in Action:	False

B18
NE
< 1/8
562 ft.

FT. LINCOLN CEMETARY
3401 BLADENSBURG RD.
BRENTWOOD, MD 20722

MD OCPCASES **S104593060**
N/A

Site 6 of 8 in cluster B

Relative:
Lower

Actual:
71 ft.

OCP:

Facility ID:	98-0413PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	YES
Cleanup:	NO
Facility Code:	Tank Test Failure - Motor/Lube Oil
Missing in Action:	False

B19
NE
< 1/8
565 ft.

FT. LINCOLN CEMENTERY INC./ MAUSOLEUM
3401 BLADENSBURG RD
BLADENSBURG, MD

MD OCPCASES **S108472711**
N/A

Site 7 of 8 in cluster B

Relative:
Lower

Actual:
71 ft.

OCP:

Facility ID:	8-0540PG1
Facility Status:	**CLOSED**
Date Open:	28-Sep-87
Date Closed:	03-Jun-88
Release:	Not reported
Cleanup:	Not reported
Facility Code:	Not reported
Missing in Action:	Not reported

B20
NE
1/8-1/4
684 ft.

Relative:
Lower

Actual:
67 ft.

FEA INC & J P BRENT CO
3434 BLADENSBURG RD
BRENTWOOD, MD 20782

MD OCPCASES **S104606609**
N/A

Site 8 of 8 in cluster B

OCP:

Facility ID:	95-1961PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	Not reported
Cleanup:	Not reported
Facility Code:	Not reported
Missing in Action:	False

C21
NW
1/8-1/4
704 ft.

Relative:
Lower

Actual:
80 ft.

BERGMAN'S CLEANERS
3501 37TH ST.
MT. RAINIER, MD 20712

MD OCPCASES **S104602610**
N/A

Site 1 of 3 in cluster C

OCP:

Facility ID:	94-0710PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	NO
Cleanup:	NO
Facility Code:	Tank Closure - Motor/Lube Oil
Missing in Action:	False

C22
NW
1/8-1/4
704 ft.

Relative:
Lower

Actual:
80 ft.

BERGMANN'S INC.
3501 37TH. ST.
MT. RAINER, MD 20712

MD Historical UST **S104633057**
N/A

Site 2 of 3 in cluster C

Historical UST:

Facility ID:	3009857
Tank ID:	001
Age:	14
Capacity:	8,000
Tank Status:	Removed
Product:	Gasoline

Facility ID:	3009857
Tank ID:	002
Age:	Not reported
Capacity:	4,000
Tank Status:	Removed
Product:	Gasoline

C23
NW
1/8-1/4
704 ft.

Relative:
Lower

Actual:
80 ft.

BERGMANN'S INC.
3501-37TH ST.
MOUNT RAINIER, MD 20712

MD UST **U003866032**
N/A

Site 3 of 3 in cluster C

UST:

Facility ID:	14535
Facility Phone:	Not reported
Owner Id:	9255
Owner Name:	Bergmann's Inc.
Owner Contact:	Not reported
Owner Address:	2147 Lee Hwy.
Owner City,St,Zip:	Arlington, VA 22201
Owner Phone:	Not reported
Operator:	Not reported
Tank ID:	1
Authorized Representative:	Richard W. Bergmann
Title:	President
Date:	01-Apr-86
Date Intalled:	01/01/82
Substance Description:	Gasoline
Tank Material:	Asphalt Coated or Bare Steel
Pipe Material:	Galvanized Steel
Tank Status:	**Permanently Out of Use**
Capacity:	8000

Facility ID:	14535
Facility Phone:	Not reported
Owner Id:	9255
Owner Name:	Bergmann's Inc.
Owner Contact:	Not reported
Owner Address:	2147 Lee Hwy.
Owner City,St,Zip:	Arlington, VA 22201
Owner Phone:	Not reported
Operator:	Not reported
Tank ID:	2
Authorized Representative:	Richard W. Bergmann
Title:	President
Date:	01-Apr-86
Date Intalled:	/ /
Substance Description:	Gasoline
Tank Material:	Asphalt Coated or Bare Steel
Pipe Material:	Galvanized Steel
Tank Status:	**Permanently Out of Use**
Capacity:	4000

D24
WSW
1/8-1/4
917 ft.

Relative:
Lower

Actual:
99 ft.

MEINEKE MUFFLERS
3190 BLADENSBURG RD NE
WASHINGTON, DC 20018

RCRA-SQG **1000886500**
FINDS **DC0000144295**
NJ MANIFEST

Site 1 of 3 in cluster D

MEINEKE MUFFLERS (Continued) **1000886500**

RCRAInfo:
Owner: NORTH AMERICAN AUTOMOTIVE
(202) 269-4043
EPA ID: DC0000144295

Contact: SIDNEY MARANSKY
(202) 267-4043

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

NJ-NJEMS (New Jersey - New Jersey Environmental Management System). The Department of Environmental Protection (NJDEP) manages large databases of environmental information in this integrated system.

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

NJ MANIFEST:
Manifest Code: NJA5096029
EPA ID: DC0000144295
Date Shipped: 20040106
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 040106
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 040114
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03120421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5117452
EPA ID: DC0000144295
Date Shipped: 20040217
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported

MEINEKE MUFFLERS (Continued) **1000886500**

Date Trans1 Transported Waste: 040217
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 040227
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03300422
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5094872
EPA ID: DC0000144295
Date Shipped: 20040422
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 040422
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 040426
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 05110421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5039559
EPA ID: DC0000144295
Date Shipped: 20040609
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 040609
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 040616
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 06250421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

MEINEKE MUFFLERS (Continued) **1000886500**

Manifest Code: NJA5070145
EPA ID: DC0000144295
Date Shipped: 20040804
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 040804
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 040815
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 09150421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5071344
EPA ID: DC0000144295
Date Shipped: 20041008
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 041008
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 041015
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 12010425
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5072108
EPA ID: DC0000144295
Date Shipped: 20041130
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 041130
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 041202
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 01200521
Reference Manifest Number: Not reported

MEINEKE MUFFLERS (Continued) **1000886500**

Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5259472
EPA ID: DC0000144295
Date Shipped: 20060215
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 060215
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 060221
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 04040621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Quantity: 7
Unit: G
Hand Code: T04

Manifest Code: NJA5308681
EPA ID: DC0000144295
Date Shipped: 20060419
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 060419
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 060426
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 08010622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Quantity: 10
Unit: G
Hand Code: T04

Manifest Code: NJA5309796
EPA ID: DC0000144295
Date Shipped: 20060606
TSDF EPA ID: NJD002182897

MEINEKE MUFFLERS (Continued) **1000886500**

Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 060606
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 060608
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 07200621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Quantity: 7
Unit: G
Hand Code: T04

Manifest Code: NJA5309880
EPA ID: DC0000144295
Date Shipped: 20060808
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 060808
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 060816
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 09210621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Quantity: 7
Unit: G
Hand Code: T04

Manifest Code: NJA5224185
EPA ID: DC0000144295
Date Shipped: 20050118
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 050118
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 050126
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03030521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported

MEINEKE MUFFLERS (Continued) **1000886500**

Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5070811
EPA ID: DC0000144295
Date Shipped: 20050319
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 050319
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 050321
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 05110521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5223510
EPA ID: DC0000144295
Date Shipped: 20050509
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 050509
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 050511
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 06220525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5068395
EPA ID: DC0000144295
Date Shipped: 20050706
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 050706
Date Trans2 Transported Waste: 000000

MEINEKE MUFFLERS (Continued) **1000886500**

Date TSDF Received Waste: 050712
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 08100521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5068139
EPA ID: DC0000144295
Date Shipped: 20050909
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 050909
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 050913
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 11150525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5250983
EPA ID: DC0000144295
Date Shipped: 20051026
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 051026
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 051103
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 12140535
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

MEINEKE MUFFLERS (Continued) **1000886500**

Manifest Code: NJA5255703
EPA ID: DC0000144295
Date Shipped: 20051216
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Date Trans1 Transported Waste: 051216
Date Trans2 Transported Waste: 000000
Date TSDF Received Waste: 051222
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 02170622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

D25 **CUSTOM CLEANERS** **RCRA-SQG** **1000134147**
WSW **3174 1/2 BLADENSBURG ROAD N.E.** **DCD982705527**
1/8-1/4 **WASHINGTON, DC 20018**
951 ft.

Site 2 of 3 in cluster D

Relative: Lower

Actual: 98 ft.

RCRAInfo:
Owner: CHUNG JIN NAM
(202) 636-5665
EPA ID: DCD982705527

Contact: NAM CHUNG JIN
(202) 636-5665

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 03/27/1990
Actual Date Achieved Compliance: 04/23/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/27/1990
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19900423

D26
WSW
1/8-1/4
959 ft.

Relative:
Lower

Actual:
98 ft.

STIDHAM TIRE
3170 BLADENSBURG RD
WASHINGTON, DC 20018

RCRA-SQG **1000732354**
FINDS **DCD983970377**

Site 3 of 3 in cluster D

RCRAInfo:

Owner: STIDHAM TIRE AND AUTO CARE
(301) 322-3200
EPA ID: DCD983970377

Contact: RON EDWARDS
(202) 832-0070

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.41
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 04/04/1994
Actual Date Achieved Compliance: 04/19/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/04/1994
Penalty Type: Not reported

Regulation Violated: 262.40(a)
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 09/10/1992
Actual Date Achieved Compliance: 10/07/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/10/1992
Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	GENERATOR-RECORDKEEPING REQUIREMENTS	19940419
Compliance Evaluation Inspection	GENERATOR-RECORDKEEPING REQUIREMENTS	19921007

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

27 NE 1/8-1/4 1135 ft. | **ACI AMERICAN COMBUSTION INDUSTRIES INC** | **RCRA-SQG** | **1008373316**
3520 BLADENSBURG RD | **MDR000512962**
BRENTWOOD, MD 20722

Relative: Lower

Actual: 51 ft.

RCRAInfo:
Owner: THOMAS AQUILLA
EPA ID: MDR000512962
Contact: ANTHONY BLYTHE
(301) 779-3400
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

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28 WSW 1/8-1/4 1262 ft. | **UNKNOWN** | **DC UST** | **U003055683**
3001 EARL PL NE | **N/A**
WASHINGTON, DC 20020

Relative: Lower

Actual: 98 ft.

UST:
Facility ID: 5004542
Owner: DC ERA Orphans
Tank ID: 2
Tank Status: Permanently Out of Use
Tank Capacity: 2000
Substance: Gasoline
Facility Deacription: Not Listed

Facility ID: 5004542
Owner: DC ERA Orphans
Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 2000
Substance: Gasoline
Facility Deacription: Not Listed

E29 NE 1/4-1/2 1365 ft. | **STEUART AGIP** | **MD OCPCASES** | **S104609473**
3556 BLADENSBURG RD | **N/A**
COTTAGE CITY, MD 20722

Site 1 of 3 in cluster E

Relative: Lower

Actual: 43 ft.

OCP:
Facility ID: 92-2563PG2
Facility Status: OPEN
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: Not reported
Facility Code: Tank Closure - Commercial Heating Oil
Missing in Action: False

E30
NE
1/4-1/2
1365 ft.

Relative:
Lower

Actual:
43 ft.

XTRA MART
3556 BLADENSBURG ROAD
BRENTWOOD, MD 20722

MD OCPCASES **S106610513**
N/A

Site 2 of 3 in cluster E

OCP:

Facility ID:	05-0323PG2
Facility Status:	**Not reported**
Date Open:	Not reported
Date Closed:	Not reported
Release:	Not reported
Cleanup:	Not reported
Facility Code:	Not reported
Missing in Action:	False

E31
NE
1/4-1/2
1365 ft.

Relative:
Lower

Actual:
43 ft.

XTRA MART
3556 BLADENSBURG ROAD
COTTAGE CITY, MD 20744

MD OCPCASES **S106464219**
N/A

Site 3 of 3 in cluster E

OCP:

Facility ID:	04-2015PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	NO
Cleanup:	NO
Facility Code:	Surface Spill from UST - Motor/Lube Oil
Missing in Action:	False

F32
North
1/4-1/2
1410 ft.

Relative:
Lower

Actual:
38 ft.

MR. SMIALEK
3711 WELLS AVE
MOUNT RAINIER, MD

MD OCPCASES **S108474290**
N/A

Site 1 of 3 in cluster F

OCP:

Facility ID:	9-0746PG
Facility Status:	**CLOSED**
Date Open:	02-Dec-88
Date Closed:	Not reported
Release:	Not reported
Cleanup:	Not reported
Facility Code:	Not reported
Missing in Action:	Not reported

F33
North
1/4-1/2
1440 ft.

Relative:
Lower

Actual:
36 ft.

CITY OF MT. RAINIER
3715 WELLS AVE
MT. RAINIER, MD 20712

MD OCPCASES **S104608116**
N/A

Site 2 of 3 in cluster F

OCP:

Facility ID:	92-0954PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	YES
Cleanup:	Not reported
Facility Code:	Soil Contamination - Motor/Lube Oil
Missing in Action:	False

F34
North
1/4-1/2
1496 ft.

Relative:
Lower

Actual:
32 ft.

METROPOLITAN TRANSMISSION SERVICE
3725 WELLS AVE.
MT. RANIER, MD 20722

MD OCPCASES **S104593164**
N/A

Site 3 of 3 in cluster F

OCP:

Facility ID:	98-0532PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	NO
Cleanup:	NO
Facility Code:	Dumping
Missing in Action:	False

G35
NE
1/4-1/2
1706 ft.

Relative:
Lower

Actual:
31 ft.

IMPORT GALLERY
3600 BLADENSBURG RD.
COTTAGE CITY, MD

MD OCPCASES **S104594415**
N/A

Site 1 of 2 in cluster G

OCP:

Facility ID:	98-1975PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	YES
Cleanup:	YES
Facility Code:	Soil Contamination - Motor/Lube Oil
Missing in Action:	False

G36
NE
1/4-1/2
1706 ft.

PORTTOWNS SHOPPING CENTER
3601-3831 BLADENSBURG ROAD
COLMAR MANOR, MD

MD OCPCASES **S107176617**
N/A

Site 2 of 2 in cluster G

Relative:
Lower

Actual:
31 ft.

OCP:

Facility ID:	05-1138PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	NO
Cleanup:	NO
Facility Code:	Other (Specify)
Missing in Action:	False

37
NNE
1/4-1/2
1931 ft.

BONTON FOOD PRODUCTS
3801 - 37TH PLACE
BRENTWOOD, MD 20722

MD OCPCASES **S104607624**
N/A

Relative:
Lower

Actual:
41 ft.

OCP:

Facility ID:	92-0349PG
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	NO
Cleanup:	NO
Facility Code:	Compliance Inspections (C3, 4, 4A, 5, 9, 10, 11)
Missing in Action:	False

38
South
1/4-1/2
1957 ft.

FORT LINCOLN BARREL SITE
BARNEY DR NE
WASHINGTON, DC 22018

CERCLIS **1000114341**
FINDS **DC9470090003**

Relative:
Higher

Actual:
157 ft.

CERCLIS:

Site ID:	0300032
Federal Facility:	Federal Facility
NPL Status:	Removed from Proposed NPL
Non NPL Status:	Not reported

CERCLIS Site Alias Name(s):

Alias Name:	FORT LINCOLN - FUDS
Alias Address:	FORT LINCOLN & BARNEY DRIVES WASHINGTON, DC
Alias Name:	USA FORT LINCOLN BARREL SITE
Alias Address:	BARNEY DR NE WASHINGTON, DC 22018
Alias Name:	FORT CIRCLE
Alias Address:	Not reported Not reported
Alias Name:	USA FORT LINCOLN BARREL SITE
Alias Address:	BARNEY DR NE WASHINGTON, DC 22018

Site Description: SITE WAS ON INTERIM PRIORITY LIST AND REMOVED. OERR CLAIMS SITE IN FED REG AS A REMOVED 'R' SITE FROM THE NPL. SITE WAS D THEN N, NOW IT IS R. UNTIL THE NEXT CHANGE SITE WAS ON INTERIM PRIORITY LIST AND REMOVED. OERR CLAIMS SITE IN

FORT LINCOLN BARREL SITE (Continued) **1000114341**

FED REG AS A REMOVED 'R' SITE FROM THE NPL. SITE WAS D THEN N, NOW IT IS R. UNTIL THE NEXT CHANGE

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	04/01/1980
Priority Level:	Not reported
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	10/23/1981
Priority Level:	Not reported
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	Not reported
Date Completed:	08/01/1982
Priority Level:	Not reported
Action:	REMOVED FROM THE PROPOSED NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	12/30/1982
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	12/30/1982
Priority Level:	Low
Action:	SITE INSPECTION
Date Started:	01/01/1983
Date Completed:	01/01/1983
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	REMOVAL ASSESSMENT
Date Started:	02/08/1995
Date Completed:	11/27/1995
Priority Level:	Not reported
Action:	AERIAL SURVEY
Date Started:	09/26/2001
Date Completed:	09/26/2001
Priority Level:	Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

39
North
1/4-1/2
2049 ft.

Relative:
Lower

Actual:
66 ft.

TONY LEONARD
3603 PERRY ST.
MT. RAINIER, MD

MD OCPCASES **S104614754**
N/A

OCP:
Facility ID: 90-2845PG2
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: Not reported
Cleanup: Not reported
Facility Code: Not reported
Missing in Action: False

40
NE
1/4-1/2
2250 ft.

Relative:
Lower

Actual:
51 ft.

JOHNSON RESIDENCE
3710 PARKWOOD ST.
COTTAGE CITY, MD

MD OCPCASES **S104596459**
N/A

OCP:
Facility ID: 99-1615PG2
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Aboveground Tank Leak
Missing in Action: False

H41
NW
1/4-1/2
2297 ft.

Relative:
Lower

Actual:
72 ft.

RYDER TRUCK
3210 RHODE ISLAND AVE
MT. RAINIER, MD

MD OCPCASES **S108473489**
N/A

Site 1 of 3 in cluster H

OCP:
Facility ID: 8-1760PG
Facility Status: CLOSED
Date Open: 21-Jun-88
Date Closed: 17-Jan-89
Release: Not reported
Cleanup: Not reported
Facility Code: Not reported
Missing in Action: Not reported

H42
NW
1/4-1/2
2297 ft.

Relative:
Lower

Actual:
72 ft.

THRIFTY RENTALS
3210-3220 RHODE ISLAND AVE.
MOUNT RAINIER, MD 20712

MD OCPCASES **S108470304**
N/A

Site 2 of 3 in cluster H

OCP:
Facility ID: 00-1161PG2
Facility Status: OPEN
Date Open: Not reported
Date Closed: Not reported

THRIFTY RENTALS (Continued) **S108470304**

Release: YES
Cleanup: Not reported
Facility Code: Tank Closure - Motor/Lube Oil
Missing in Action: False

H43
NW
1/4-1/2
2315 ft.

Relative:
Lower

Actual:
76 ft.

AIR COMPRESSOR SPILL **MD OCPCASES** **S104593600**
3200 RHODE ISLAND AVE. **N/A**
BRENTWOOD, MD 20722

Site 3 of 3 in cluster H

OCP:
Facility ID: 98-1031PG2
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Unknown Source/Surface Spill
Missing in Action: False

44
NW
1/4-1/2
2339 ft.

Relative:
Lower

Actual:
91 ft.

CAP NISSAN - 3101 R.I. **DC LUST** **S102834934**
3101 RHODE ISLAND AVENUE NE **N/A**
WASHINGTON DC, DC

LUST:
Facility ID: 5-004719
Case Number: 92042
Facility Type: Other
Facility Status: Closed
Product: Gasoline, Heating Oil
Notification Date: 3/11/1992
Entry Date: 3/11/1992
Quadrant: NE
Ward: 5

I45
NNW
1/4-1/2
2387 ft.

Relative:
Lower

Actual:
72 ft.

MT. RAINIER ANTIQUES, THRIFT & SALVAGE **MD SWRCY** **S108172394**
3815 34TH STREET **N/A**
MT. RAINIER, MD 20712

Site 1 of 2 in cluster I

MD SWRCY:
Facility Tele: 3017791740
Product: Antiques & Architectural Salvage
Material Accepted: Mantels, doors, lighting, stained glass, stonework, ironwork, hardware, decorative architectural elements, bathroom and kitchen fixtures, other.
Facility Type: Salvage and Reuse

Facility Tele: 3017791740
Product: Antiques & Architectural Salvage
Material Accepted: Mantels, doors, lighting, stained glass, stonework ironwork, hardware, decorative architectural elements, bathroom and kitchen fixtures,

MT. RAINIER ANTIQUES, THRIFT & SALVAGE (Continued) **S108172394**

other.
Facility Type: Services and Unusual Materials

46
North
1/4-1/2
2428 ft.

HOLDEN PROPERTY
3701 QUINCY ST.
BRENTWOOD, MD 20722

MD OCPCASES **S104593542**
N/A

Relative:
Lower

Actual:
53 ft.

OCP:
Facility ID: 98-0970PG2
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Other (Specify)
Missing in Action: False

47
NNW
1/4-1/2
2436 ft.

MT. RAINIER ARTIST APTS.
3801 33RD ST
MT. RAINIER, MD 20712

MD OCPCASES **S105709317**
N/A

Relative:
Lower

Actual:
67 ft.

OCP:
Facility ID: 03-0794PG2
Facility Status: OPEN
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: Not reported
Facility Code: Tank Closure - Commercial Heating Oil
Missing in Action: False

I48
NNW
1/4-1/2
2463 ft.

W.F. HARPER & SON
3830 34TH ST.
MT. RAINIER, MD 20712

MD OCPCASES **S104596144**
N/A

Site 2 of 2 in cluster I

Relative:
Lower

Actual:
77 ft.

OCP:
Facility ID: 99-1239PG2
Facility Status: CLOSED
Date Open: Not reported
Date Closed: Not reported
Release: YES
Cleanup: YES
Facility Code: Tank Closure - Motor/Lube Oil
Missing in Action: False

J49
North
1/4-1/2
2625 ft.

Relative:
Lower

Actual:
63 ft.

SOVRAN BANK
3716 RHODE ISLAND AVE
MT.RAINER, MD 20712

MD OCPCASES **S104616430**
N/A

Site 1 of 3 in cluster J

OCP:

Facility ID:	91-2052PG
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	Not reported
Cleanup:	Not reported
Facility Code:	Not reported
Missing in Action:	False

J50
North
1/4-1/2
2626 ft.

Relative:
Lower

Actual:
63 ft.

BUNKER HILL FIRE STATION
3716 RHODE ISLAND AVE.
BRENTWOOD, MD 20722

MD OCPCASES **S105709074**
N/A

Site 2 of 3 in cluster J

OCP:

Facility ID:	03-0492PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	NO
Cleanup:	NO
Facility Code:	New Installation - Motor/Lube Oil
Missing in Action:	False

J51
North
1/4-1/2
2626 ft.

Relative:
Lower

Actual:
63 ft.

PG CO GOVERNMENT
3716 RHODE ISLAND AVE.
MT RAINIER, MD 20712

MD OCPCASES **S104618505**
N/A

Site 3 of 3 in cluster J

OCP:

Facility ID:	00-1474PG2
Facility Status:	**CLOSED**
Date Open:	Not reported
Date Closed:	Not reported
Release:	NO
Cleanup:	NO
Facility Code:	Other - Motor/Lube Oil
Missing in Action:	False

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLADENSBURG	1000481204	ANACOSTIA RIVER PARK	S OF BLADENSBURG RD	20722	MD SHWS
BLADENSBURG	1004654766	ANACOSTIA RIVER PARK	S OF BLADENSBURG RD	20722	CERC-NFRAP
BRENTWOOD	S104639509	FORT LINCOLN CEMETARY, INC.	GASOLINE SERVICE AREA 3401 BLADENS	20722	MD Historical UST
BRENTWOOD	S104639510	FORT LINCOLN CEMETARY, INC.	LITTLE CHURCH 3401 BLADENSBURG ROA	20722	MD Historical UST
BRENTWOOD	S104639454	FORT LINCOLN CEMETARY, INC.	MAUSOLEUM 33401 BLADENSBURG ROAD	20722	MD Historical UST
FT WASHINGTON	S106862390	FORT MYER CONSTRUCTION	2237 33RD ST NE	20018	MD OCPCASES
MOUNT RAINIER	U004012785	CITY OF MT. RAINIER	ONE MUNICIPAL PLACE	20712	MD UST
WASHINGTON	1000732413	NORTHWEST AUTO BODY	3188 BLADENSBURG RD NE	20018	RCRA-SQG, CERC-NFRAP
WASHINGTON	U002110923	UNIVERSAL APPLIANCE CO.	3194 BLADENSBURG RD NE	20018	DC LUST, DC UST
WASHINGTON	2001561715	CAR SHOP - IVY CITY YARD	CAR SHOP - IVY CITY YARD		ERNS
WASHINGTON	U004041688	PULTE HOMES	3200 FT LINCOLN RD NE	20018	DC UST
WASHINGTON	U003763916	FT. LINCOLN ELEMENTARY SCHOOL	3100 FT LINCOLN DR NE	20018	DC UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 07/18/2007
Date Data Arrived at EDR: 08/03/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/31/2007
Next Scheduled EDR Contact: 10/29/2007
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 08/09/2007
Date Data Arrived at EDR: 09/05/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 36

Source: EPA
Telephone: N/A
Last EDR Contact: 08/31/2007
Next Scheduled EDR Contact: 10/29/2007
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 43

Source: EPA
Telephone: N/A
Last EDR Contact: 08/29/2007
Next Scheduled EDR Contact: 10/29/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/23/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 70

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/19/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 06/21/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 37

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/17/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/26/2007
Date Data Arrived at EDR: 08/08/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/04/2007
Next Scheduled EDR Contact: 12/03/2007
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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

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

Source: EPA
Telephone: 800-438-2474
Last EDR Contact: 10/16/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

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

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/19/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 07/02/2007
Date Data Arrived at EDR: 07/18/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 62

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/16/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 07/16/2007
Date Data Arrived at EDR: 08/03/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 07/16/2007
Date Data Arrived at EDR: 08/03/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 08/09/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 11/05/2007
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2006	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/31/2007	Telephone: 202-528-4285
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 10/01/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 06/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/09/2007	Telephone: 202-566-2777
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 09/10/2007
Number of Days to Update: 51	Next Scheduled EDR Contact: 12/10/2007
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 04/13/2007	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 07/16/2007	Telephone: Varies
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 09/21/2007
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/21/2008
	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: 06/08/2007	Source: EPA
Date Data Arrived at EDR: 07/03/2007	Telephone: 703-416-0223
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 11/08/2007
Number of Days to Update: 57	Next Scheduled EDR Contact: 12/31/2007
	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: 12/31/2005
Date Data Arrived at EDR: 11/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 82

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/19/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
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

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: 12/31/2005
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/18/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/30/2007
Next Scheduled EDR Contact: 01/14/2008
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: 07/06/2007
Date Data Arrived at EDR: 07/20/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 60

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/17/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Quarterly

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

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

Date of Government Version: 07/06/2007
Date Data Arrived at EDR: 07/20/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 60

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/17/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Quarterly

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: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Annually

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/12/2007
Next Scheduled EDR Contact: 12/10/2007
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: 08/14/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 43

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/29/2007
Next Scheduled EDR Contact: 11/26/2007
Data Release Frequency: Varies

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: 07/27/2007
Date Data Arrived at EDR: 08/13/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Quarterly

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: 07/25/2007
Date Data Arrived at EDR: 07/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 72

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 09/24/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Varies

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: 09/17/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

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

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

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/02/2007
Next Scheduled EDR Contact: 12/24/2007
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: 07/31/2007
Date Data Arrived at EDR: 08/01/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/31/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: Quarterly

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: 03/08/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

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: 04/12/2007
Date Data Arrived at EDR: 06/08/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 08/09/2007
Next Scheduled EDR Contact: 11/05/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/09/2007
Date Data Arrived at EDR: 07/24/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 56

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File

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

Date of Government Version: 05/09/2007
Date Data Arrived at EDR: 06/28/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 62

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/26/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/19/2007
Date Data Arrived at EDR: 07/25/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 55

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 08/31/2007
Next Scheduled EDR Contact: 12/03/2007
Data Release Frequency: No Update Planned

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: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/12/2007
Next Scheduled EDR Contact: 12/10/2007
Data Release Frequency: Biennially

USGS WATER WELLS: National Water Information System (NWIS)

This database consists of well records in the United States. Available site descriptive information includes well location information (latitude and longitude, well depth, site use, water use, and aquifer).

Date of Government Version: 03/25/2005
Date Data Arrived at EDR: 03/25/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: USGS
Telephone: N/A
Last EDR Contact: 03/25/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

PWS: Public Water System Data

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 02/24/2000
Date Data Arrived at EDR: 04/27/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA
Telephone: N/A
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: N/A

STATE AND LOCAL RECORDS

DC SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
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: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of Health
Telephone: 202-535-2500
Last EDR Contact: 09/17/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: N/A

MD 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: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of the Environment
Telephone: 410-537-3000
Last EDR Contact: 09/04/2007
Next Scheduled EDR Contact: 12/03/2007
Data Release Frequency: N/A

DC SWF/LF: Solid Waste Facility Listing
The Solid Waste Disposal Division is responsible for disposing of the District's approximately 203,000 tons of municipal solid waste (trash). Since the District does not have landfills, collected waste is deposited at two solid waste transfer stations and then taken out of the city by contractor vehicles to a waste-to-energy plant and landfill in Virginia.

Date of Government Version: 01/14/2005
Date Data Arrived at EDR: 01/14/2005
Date Made Active in Reports: 01/27/2005
Number of Days to Update: 13

Source: Department of Public Works
Telephone: 202-673-6833
Last EDR Contact: 08/15/2007
Next Scheduled EDR Contact: 11/12/2007
Data Release Frequency: No Update Planned

MD 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: 06/30/2007
Date Data Arrived at EDR: 07/18/2007
Date Made Active in Reports: 08/02/2007
Number of Days to Update: 15

Source: Department of the Environment
Telephone: 410-537-3375
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Annually

MD SWRCY: Recycling Directory
A listing of recycling facilities.

Date of Government Version: 07/17/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/27/2007
Number of Days to Update: 51

Source: Department of the Environment
Telephone: 410-631-3314
Last EDR Contact: 10/16/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DC LUST: District of Columbia LUST Cases

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/12/2007
Date Data Arrived at EDR: 09/14/2007
Date Made Active in Reports: 10/17/2007
Number of Days to Update: 33

Source: Department of Health
Telephone: 202-442-5977
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

MD 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: 07/17/2007
Date Data Arrived at EDR: 07/18/2007
Date Made Active in Reports: 08/02/2007
Number of Days to Update: 15

Source: Department of Environment
Telephone: 410-537-3433
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Semi-Annually

MD 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

DC UST: Underground Storage Tank Database 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: 08/13/2007
Date Data Arrived at EDR: 08/14/2007
Date Made Active in Reports: 10/03/2007
Number of Days to Update: 50

Source: Department of Health
Telephone: 202-442-5977
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

MD 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: 08/27/2007
Date Data Arrived at EDR: 08/28/2007
Date Made Active in Reports: 10/03/2007
Number of Days to Update: 36

Source: Department of the Environment
Telephone: 410-537-3433
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Varies

MD 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

DC AST: List of Aboveground Storage Tanks
Aboveground storage tank locations.

Date of Government Version: 08/13/2007
Date Data Arrived at EDR: 08/14/2007
Date Made Active in Reports: 10/04/2007
Number of Days to Update: 51

Source: Department of Health
Telephone: 202-727-7218
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: No Update Planned

MD AST: Permitted Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 08/20/2007
Date Data Arrived at EDR: 08/21/2007
Date Made Active in Reports: 10/04/2007
Number of Days to Update: 44

Source: Department of The Environment
Telephone: 410-537-3000
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Quarterly

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

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

Source: Department of the Environment
Telephone: 410-537-3493
Last EDR Contact: 10/12/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Semi-Annually

DC VCP: Voluntary Cleanup Program Sites
The Voluntary Cleanup Program oversees owner or developer initiated voluntary remediation of contaminated lands and buildings that return actual or potentially contaminated properties to productive uses.

Date of Government Version: 06/28/2007
Date Data Arrived at EDR: 06/29/2007
Date Made Active in Reports: 07/23/2007
Number of Days to Update: 24

Source: Department of Health
Telephone: 202-535-1337
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Varies

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

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

Source: Dept. of the Environment
Telephone: 410-537-3000
Last EDR Contact: 10/12/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Semi-Annually

MD DRYCLEANERS: Registered Drycleaning Facilities
A listing of registered drycleaning facilities.

Date of Government Version: 08/31/2007
Date Data Arrived at EDR: 09/04/2007
Date Made Active in Reports: 09/27/2007
Number of Days to Update: 23

Source: Department of the Environmental
Telephone: 410-537-3220
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Varies

MD 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: 07/02/2007
Date Data Arrived at EDR: 07/03/2007
Date Made Active in Reports: 08/02/2007
Number of Days to Update: 30

Source: Department of Environment
Telephone: 410-537-3000
Last EDR Contact: 10/03/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

DC BROWNFIELDS: Brownfields Site Database
A listing of potential brownfields site locations.

Date of Government Version: 01/19/2007
Date Data Arrived at EDR: 01/19/2007
Date Made Active in Reports: 02/26/2007
Number of Days to Update: 38

Source: Department of the Environment
Telephone: 202-535-1337
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Varies

MD NPDES: Wastewater Permit Listing
A listing of wastewater permit locations.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/27/2007
Number of Days to Update: 16

Source: Department of the Environment
Telephone: 410-537-3507
Last EDR Contact: 09/04/2007
Next Scheduled EDR Contact: 12/03/2007
Data Release Frequency: Varies

MD AIRS: Permit and Facility Information Listing
A listing of permitted facilities and emissions information.

Date of Government Version: 05/16/2007
Date Data Arrived at EDR: 05/18/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 7

Source: Department of the Environment
Telephone: 410-537-3220
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Varies

MD LEAD: Lead Inspection Database
The Childhood Lead Poisoning Prevention Program data of lead inspection for the state.

Date of Government Version: 07/02/2007
Date Data Arrived at EDR: 07/02/2007
Date Made Active in Reports: 08/02/2007
Number of Days to Update: 31

Source: Department of Environment, Lead Poisoning Prevention Program
Telephone: 410-537-3000
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Varies

TRIBAL RECORDS

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 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: 08/09/2007
Next Scheduled EDR Contact: 11/05/2007
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/12/2007
Date Data Arrived at EDR: 09/14/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 27

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly

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: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
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: 09/05/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 9

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Semi-Annually

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

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

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: 09/11/2007
Date Data Arrived at EDR: 09/14/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly

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: 08/27/2007
Date Data Arrived at EDR: 09/07/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 34

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly

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

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/18/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 09/07/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 34

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/12/2007
Date Data Arrived at EDR: 09/14/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 27

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/31/2007
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 09/14/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 27

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 09/05/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 9

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary 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.

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 Historical Cleaners: EDR Proprietary 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.

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

FEDERAL RECORDS

COLLEGES: Integrated Postsecondary Education Data

The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.

Date of Government Version: N/A
Date Data Arrived at EDR: 10/12/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: National Center for Education Statistics
Telephone: 202-502-7300
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

PUBLIC SCHOOLS: Public Schools

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.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/13/2004
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: National Center for Education statistics
Telephone: 202-502-7300
Last EDR Contact: 10/10/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: N/A

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

Date of Government Version: N/A
Date Data Arrived at EDR: 10/19/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: American Hospital Association
Telephone: 800-242-2626
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

MEDICAL CENTERS: Provider of Services Listing
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 & Human Services.

Date of Government Version: 06/01/1998
Date Data Arrived at EDR: 11/10/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
Last EDR Contact: 01/12/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

NURSING HOMES: Directory of Nursing Homes
Information on Medicare and Medicaid certified nursing homes in the United States.

Date of Government Version: N/A
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: N/A
Telephone: 800-568-3282
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

PRIVATE SCHOOLS: Private Schools of the United States
The National Center for Education Statistics' primary database on private school locations in the United States.

Date of Government Version: N/A
Date Data Arrived at EDR: 10/07/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: National Center for Education Statistics
Telephone: 202-502-7300
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/12/2007
Next Scheduled EDR Contact: 12/10/2007
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 04/01/2007
Date Data Arrived at EDR: 04/05/2007
Date Made Active in Reports: 05/08/2007
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/07/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Annually

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

Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 08/30/2007
Date Made Active in Reports: 09/21/2007
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/30/2007
Next Scheduled EDR Contact: 11/26/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/23/2007
Date Made Active in Reports: 09/27/2007
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/10/2007
Next Scheduled EDR Contact: 12/10/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 10/16/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 42

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Annually

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

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facilities
Source: Department of Health
Telephone: 202-442-5888

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

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

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CITY HOMES AT FORT LINCOLN
EASTERN AVE./FORT LINCOLN DR.
WASHINGTON, DC 20018

TARGET PROPERTY COORDINATES

Latitude (North):	38.92956 - 38˚ 55’ 46.4’’
Longitude (West):	76.95672 - 76˚ 57’ 24.2’’
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	330385.0
UTM Y (Meters):	4310572.5
Elevation:	100 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38076-H8 WASHINGTON EAST, MD
Most Recent Revision:	1982

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

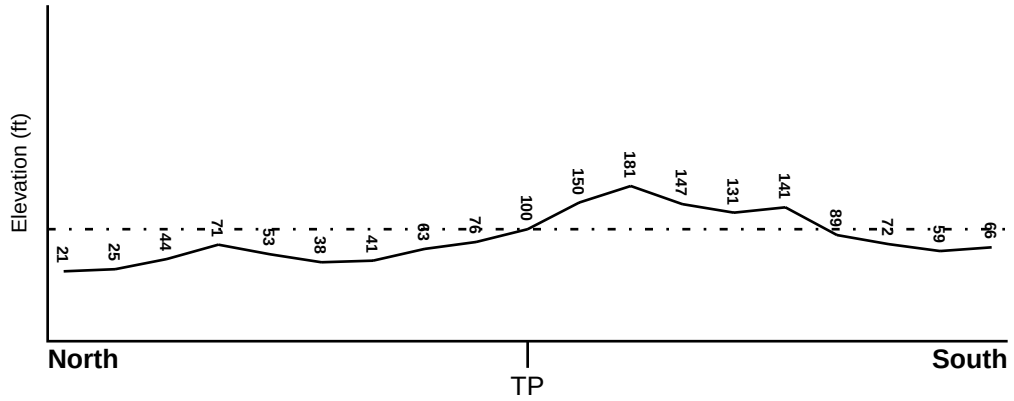
TOPOGRAPHIC INFORMATION

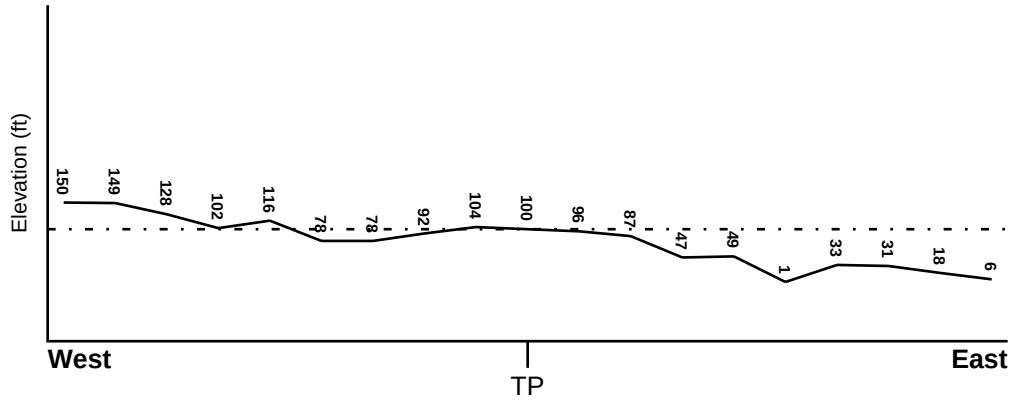
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

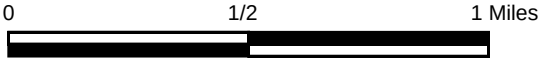
General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 100 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
WASHINGTON, DC	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	1100010030B
Additional Panels in search area:	2452080025C 2452080040C 1100010020B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
WASHINGTON EAST	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.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/8 - 1/4 Mile SSW
Site Name:	Fort Lincoln
Site EPA ID Number:	DC9470090003
Groundwater Flow Direction:	East
Measured Depth to Water:	approximately 20 feet.
Hydraulic Connection:	The site is underlain by silt and clay. The depth to bedrock is approximately 250 feet. Information is not available about the hydraulic connection between aquifer(s) underlying the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

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

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/2 - 1 Mile North	NE

For additional site information, refer to Physical Setting Source Map Findings.

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).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:	CHRISTIANA
Soil Surface Texture:	silt 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:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel:	HIGH
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 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: 2.00 Min: 0.20	Max: 5.00 Min: 3.60
2	7 inches	72 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.06	Max: 5.00 Min: 3.60

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: fine sandy loam
loamy sand
gravelly - sandy loam

Surficial Soil Types: fine sandy loam
loamy sand
gravelly - sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: loamy fine sand
gravelly - sandy loam
sandy loam
stratified
very fine sandy loam
very gravelly - sandy loam

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile

FEDERAL USGS WELL INFORMATION

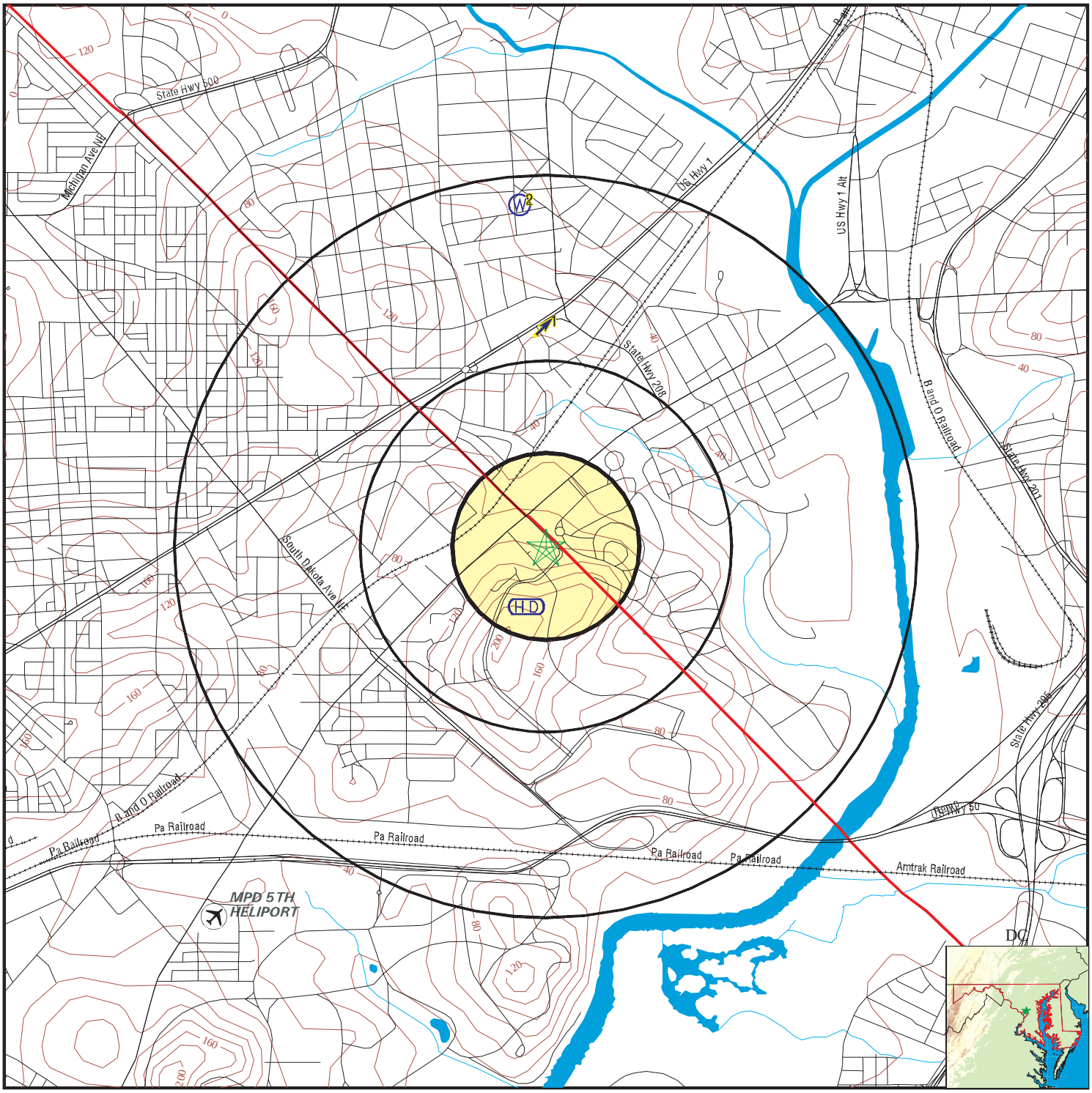
MAP ID	WELL ID	LOCATION FROM TP
2	USGS2179935	1/2 - 1 Mile North

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.

PHYSICAL SETTING SOURCE MAP - 2072860.2s



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

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data

SITE NAME: City Homes at Fort Lincoln	CLIENT: GeoConcepts Engineering
ADDRESS: Eastern Ave./Fort Lincoln Dr.	CONTACT: Ashley Hogan
Washington DC 20018	INQUIRY #: 2072860.2s
LAT/LONG: 38.9296 / 76.9567	DATE: November 08, 2007 2:58 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **North** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	90-0313PG2 NE 0.95 21.57 Not Reported 06/11/1992	**AQUIFLOW**	**47254**

2
North
1/2 - 1 Mile
Lower

FED USGS **USGS2179935**

Agency cd:	USGS	Site no:	385634076573001
Site name:	PG Cc 30		
Latitude:	385634		
Longitude:	0765730	Dec lat:	38.94288885
Dec lon:	-76.95803047	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	24
State:	24	County:	033
Country:	US	Land net:	Not Reported
Location map:	WASHINGTON E, DC-MD	Map scale:	Not Reported
Altitude:	30		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle PotomacAnacostiaOccoquan. District of Columbia, Maryland, Virginia. Area = 1280 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	QUATERNARY		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-09-07
Water quality data end date:	1958-09-07	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 20018

Number of sites tested: 215.

Maximum Radon Level: 52.2 pCi/L.
Minimum Radon Level: 0.8 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
205 (95.35%)	7 (3.26%)	1 (0.47%)	1 (0.47%)	1 (0.47%)	0 (0.00%)

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 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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

STREET AND ADDRESS INFORMATION

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APPENDIX C
PHOTOGRAPHS

CITY HOMES AT FORT LINCOLN
WASHINGTON, D.C.

PHOTO 1: VIEW OF SITE (FACING NORTHWEST)

PHOTO 2: VIEW OF TIRES ON CENTRAL PART OF SITE

CITY HOMES AT FORT LINCOLN
WASHINGTON, D.C.

PHOTO 3: VIEW OF UNKNOWN PVC PIPE AND ELECTRICAL WIRE

PHOTO 4: VIEW OF PAD-MOUNTED TRANSFMORMER ON SOUTHEASTERN SIDE OF SITE (NOTE ADJACENT ELECTRICAL WIRE AND PVC PIPE)

CITY HOMES AT FORT LINCOLN
WASHINGTON, D.C.

PHOTO 5: VIEW OF POLE-MOUNTED TRANSFORMER ON NORTH SIDE OF SITE AT THE INTERSECTION OF BLADENSBURG ROAD AND EASTERN AVENUE

PHOTO 6: VIEW OF WOOD AND VEGETATION DEBRIS PILE ON NORTHWESTERN SIDE OF SITE

APPENDIX D
SUPPORTING DOCUMENTATION

Phase I ESA Interview Form

Project Name: City Homes at Fort Lincoln

Contract Number: 27190.01

Person Interviewed: Juan Gaddeis

Interviewed By: Ashley Hogan

Date of Interview: 11/30/07

Person Interviewed Is: *Owner* *Occupant* ***Other (SPECIFY) : Property Manager with Fort Lincoln Realty***

	Questions	Response from Interviewee			Observed During Site Reconnaissance			Comments
		Yes	No	Unk	Yes	No	N/A	
1	Is the property or any adjoining property used for an industrial use?		x			x		
2	To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past year?		x			x		
3	Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard, landfill, or a waste treatment, storage, disposal, processing, recycling facility?		x		x			To the north of the Site across Bladensburg Road NE are auto repair shops *(No adjoining properties)*
4	To the best of your knowledge, has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard, landfill, or a waste treatment, storage, disposal, processing, recycling facility?		x		x			See Comment for #3.
5	Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemical in individual containers of greater than 5 gallons in volume or 50 gallons in the aggregate, stored on or used at the property or at the facility?		x			x		

Phase I ESA Interview Form

	Questions	Response from Interviewee			Observed During Site Reconnaissance			Comments
		Yes	No	Unk	Yes	No	N/A	
6	Are there currently, or the best of your knowledge have there been previously, any industrial drums (typically 55 gallons) or sacks of chemicals (typically 20 lbs) located on the property or at the facility?		x			x		
7	Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?		x		x			Unknown
8	Are there currently, or to the best of your knowledge have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?		x			x		
9	Is there currently, or to the best of your knowledge have there been previously, any stained soil on the property?		x			x		
10	Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the property?		x			x		
11	Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?		x			x		
12	Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?		x				x	Not Applicable.

Phase I ESA Interview Form

	Questions	Response from Interviewee			Observed During Site Reconnaissance			Comments
		Yes	No	Unk	Yes	No	N/A	
13	If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?		x				x	
14	Do you have any knowledge of environmental liens or governmental notifications relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?		x			x		
15	Have you ever been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?		x			x		
16	Do you have knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?		x			x		
17	Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?		x			x		

Phase I ESA Interview Form

	Questions	Response from Interviewee			Observed During Site Reconnaissance			Comments
		Yes	No	Unk	Yes	No	N/A	
18	Does the property discharge wastewater (other than storm water) on or adjacent to the property into a sanitary sewer system?		x			x		
19	To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other water materials been dumped above grade, buried and/or burned on the site property?	x			x			Three tires were observed in the brush on the Site. *(Abandoned vehicle)*
20	Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of polychlorinated biphenyls (PCBs)		x			x		A pole-mounted transformer was noted at the intersection of Bladensburg Road NE and Eastern Avenue NE.

The EDR-City Directory
Abstract

City Homes at Fort Lincoln
Eastern Ave./Fort Lincoln Dr.
Washington, DC 20018

Inquiry Number: 2072860.6

Latitude = 38.9296
Longitude = 76.9567

Thursday, November 08, 2007

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

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

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2000. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/16th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources: November 8, 2007

Target Property:
Eastern Ave./Fort Lincoln Dr.
Washington, DC 20018

Year	***Uses***	***Source***
1922	Address Not Listed in Research Source	R. L. Polk & Co.
1926	Address Not Listed in Research Source	R. L. Polk & Co.
1931	Address Not Listed in Research Source	R. L. Polk & Co.
1936	Address Not Listed in Research Source	R. L. Polk & Co.
1940	Address Not Listed in Research Source	R. L. Polk & Co.
1943	Address Not Listed in Research Source	R. L. Polk & Co.
1948	Address Not Listed in Research Source	R. L. Polk & Co.
1954	Address Not Listed in Research Source	R. L. Polk & Co.
1957	Address Not Listed in Research Source	UNKNOWN
1960	Address Not Listed in Research Source	R. L. Polk & Co.
1964	Address Not Listed in Research Source	R. L. Polk & Co.
1966	Address Not Listed in Research Source	UNKNOWN
1969	Address Not Listed in Research Source	UNKNOWN
1971	Address Not Listed in Research Source	UNKNOWN
1973	Address Not Listed in Research Source	The Chesapeake Potomac Telephone Co
1974	Address Not Listed in Research Source	UNKNOWN

Year	Uses	Source
1975	Address Not Listed in Research Source	The Chesapeake and Potomac Telephone Co. of Maryland
1978	Address Not Listed in Research Source	C&P Telephone
1980	Address Not Listed in Research Source	UNKNOWN
1983	Address Not Listed in Research Source	The Chesapeake Potomac Telephone Co
1985	Address Not Listed in Research Source	UNKNOWN
1993	Address Not Listed in Research Source	The Chesapeake and Potomac Telephone Company of Virginia
2000	Address Not Listed in Research Source	Haines & Company

Adjoining Properties

SURROUNDING

Multiple Addresses
Washington, DC 20018

Year	Uses	Source
1922	Address Not Listed in Research Source	R. L. Polk & Co.
1926	Address Not Listed in Research Source	R. L. Polk & Co.
1931	Address Not Listed in Research Source	R. L. Polk & Co.
1936	Address Not Listed in Research Source	R. L. Polk & Co.
1940	Address Not Listed in Research Source	R. L. Polk & Co.
1943	Address Not Listed in Research Source	R. L. Polk & Co.
1948	Address Not Listed in Research Source	R. L. Polk & Co.
1954	Address Not Listed in Research Source	R. L. Polk & Co.
1957	Address Not Listed in Research Source	UNKNOWN
1960	Address Not Listed in Research Source	R. L. Polk & Co.

Year	***Uses***	***Source***
1964	Address Not Listed in Research Source	R. L. Polk & Co.
1966	Address Not Listed in Research Source	UNKNOWN
1969	Address Not Listed in Research Source	UNKNOWN
1971	Address Not Listed in Research Source	UNKNOWN
1973	Address Not Listed in Research Source	The Chesapeake Potomac Telephone Co
1974	Address Not Listed in Research Source	UNKNOWN
1975	Address Not Listed in Research Source	The Chesapeake and Potomac Telephone Co. of Maryland
1978	Address Not Listed in Research Source	C&P Telephone
1980	Address Not Listed in Research Source	UNKNOWN
1983	Address Not Listed in Research Source	The Chesapeake Potomac Telephone Co
1985	Address Not Listed in Research Source	UNKNOWN
1993	****PINEVIEW CT NE****	The Chesapeake and Potomac Telephone Company of Virginia
	CARTER DAVID C JR (3000)	
	CARTER DAVID M (3000)	
	HARRISON WILLIAM (3014)	
	RUSSELL REGINA (3016)	
	CHICHESTER MARK (3022)	
	NEAL ALEASE (3022)	
	MAKEL YIANDA (3032)	
	ANDERSON PETRICE (3036)	
	MARCUS ALBERT H (3046)	
	SAMUELS KENNETH G (3054)	
	SULLIVAN K (3068)	
	CLEMMONS L A (3072)	
2000	****PINEVIEW CT NE****	Haines & Company
	CARTER DAVID C JR (3000)	
	XXXX (3002)	
	AMATO D U (3004)	

Year	Uses	Source
2000 (continued)		
	BUCKNER AUBREY (3006)	
	FOSTER A L (3006)	
	SAUNDERS DAVID R (3008)	
	SAUNDERS DAVID R (3008)	
	HOGUE JOE (3010)	
	BROWN GARDENIA (3012)	
	HARRISON WILLIAM (3014)	
	RUSSELL REGINA (3016)	
	HARDISON J CURTIS (3018)	
	SHAW VERONICA (3020)	
	CHICHESTER ALEASE (3022)	
	NEAL ALEASE (3022)	
	PINEVIEW CT NE 20018 CONT (3022)	
	JONES JOHN P JR (3024)	
	BERRY P M (3026)	
	YOUNG ELIZABETH (3026)	
	CASWELL T (3028)	
	CARTER JERRY (3030)	
	MAKEL YIANDA (3032)	
	WHITE PAMELA (3034)	
	MOSELEY DIANN (3036)	
	CARTER BRIDGETTE (3038)	
	WILLIAMS DIANE (3040)	
	MATTHEWS IRENE (3042)	
	MANN COLEEN (3044)	
	XXXX (3046)	
	GREEN SHEILA (3048)	
	DELAINE KIMBERLY (3050)	
	GODWINPAYNE ALYCE (3054)	
	KINGDOM PROPERTIES (3054)	
	PAYNE ALYCE (3054)	
	CARTER BRIDGETTE (3056)	
	PHILLIPS CHERYL (3060)	
	BROWN SARAH E (3062)	
	LOUERS GARRY (3064)	
	PORTER L (3064)	
	CHERRY DERWIN (3066)	
	MCGEE LYNDA (3068)	
	REYNOLDS N V (3068)	
	GRAY LAUREL (3070)	
	XXXX (3072)	
	JONES ORETHA (3076)	
	HAIRSTON C (3078)	

Year	Uses	Source
2000 (continued)		
	REDFIELD ELLA (3078)	

APPENDIX E
QUALIFICATIONS OF RESPONSIBLE ENVIRONMENTAL PROFESSIONALS

ASHLEY HOGAN
STAFF GEOLOGIST

EXPERTISE

Geotechnical and Environmental Engineering

EDUCATION

B.S./2005/Geosciences, Virginia Polytechnic Institute and State University, Blacksburg, Virginia

CERTIFICATION

WACEL
- Soils Technician Level I
- Concrete Technician Level I
- Foundation Technician

OSHA 40 Hour Hazardous Waste Site Worker
OSHA 29 CFR 1910.151 Basic First Aid, CPR, and AED
OSHA 29 CFR 1910.120 8 Hour Hazardous Waste Site Worker
Radiological Safety Training
Nuclear Gauge Certification

SUMMARY

Ms. Hogan is a Staff Geologist with experience in geologic, geotechnical, and environmental engineering as well as construction phase geotechnical observations. In addition, she has experience with organizing geotechnical investigations, analyzing soil and bedrock samples, and writing reports. Ms. Hogan has contributed to many environmental projects performing services such as conducting Phase I Environmental Site Assessments (ESAs), monitoring environmental subsurface investigations, screening samples with a photoionization detector (PID), and sampling ground water monitoring wells.

SPECIALIZED EXPERIENCE

Reston Pedestrian Bridges, Reston, Virginia: The project consisted of the design of nine pedestrian bridges at several locations throughout Reston. Ms. Hogan served as project manager and provided the oversight of the field investigation, assigned laboratory testing and conducted the geotechnical engineering analysis for the design of the bridge foundations.

Phase I ESA – Undeveloped Land, 43647 John Mosby Highway, Chantilly, Virginia: Ms. Hogan performed a Phase I Environmental Site Assessment (ESA) on an undeveloped parcel of land in Chantilly, Virginia.

Prospect Place Development, Cherry Tree Drive, Charles Town, Jefferson County, West Virginia: The project consisted of a new residential development including single family homes, roadways and utilities. In order to evaluate the site for the proposed development, Ms. Hogan assisted in the completion of a Phase I Environmental Site Assessment (ESA) and a preliminary geotechnical engineering study. The preliminary geotechnical engineering study included the use of test pits to better define rock pinnacles and potential karst features associated with the limestone geology that was present at the subject site.

Geophysical Report, Electrical Resistivity Survey, Harvest Hills Development, Shenandoah Junction, Jefferson County, West Virginia: The project consisted of a 300 acre parcel that was planned for residential development. The site was underlain by the limestone geology, well-documented with sinkhole issues. In order to address these issues, a geophysical study utilizing electrical resistivity was completed. Ms. Hogan led the field crew who conducted the survey, and analyzed the raw data to identify karst features. She also developed the draft geophysical report.

Royal Oaks Residential Development, Phase II, Town of New Market, Frederick County, Maryland: The project consisted of development of building pads, roadways and utilities for a new residential development. Ms. Hogan managed the construction phase testing services provided by the firm. She coordinated the testing activities with field personnel, reviewed field generated paperwork, and developed summary transmittal reports regarding observations and test results.

Petworth Metro Development, Northwest, Washington, D.C.: The project consisted of a new high rise office building in Washington, D.C.. During the excavation for the basement levels, petroleum contaminated soils were encountered. After the contamination was encountered, Ms. Hogan was assigned to monitor the excavation activities, screen soil samples with a photo-ionization detector (PID) in order to identify the presence of volatile organic compounds, and then document the amount of contaminated soil excavate. In addition, Ms. Hogan obtained soil samples for chemical analysis.

DANIEL F. GRADISHAR, P.E.

ASSOCIATE

EXPERTISE

Environmental and Geotechnical Engineering

EDUCATION

B.S./1999/Biological Systems Engineering/Virginia Tech

REGISTRATION

Professional Engineer - Virginia, Maryland

CERTIFICATION

Troxler Nuclear Density Gauge/Radiation Safety Certification
OSHA 40-hour Hazardous Waste Site Worker
Certified Asbestos Building Inspector
MWAA ID Badge at Dulles International Airport
NCEES Certification
Geo-Institute Member
Bolling Air Force Base Identification Card (BC) for Homeland Security

SUMMARY

Mr. Gradishar has 12 years of experience in environmental studies, geotechnical engineering, and construction management. He has extensive experience conducting all aspects of Phase I and II environmental site assessments including title searches to ascertain prior land use, regulatory reviews, subsurface characterization, and site reconnaissances. He also has experience in testing for asbestos and lead-based paint, collecting soil and water samples for field and laboratory analysis, and field monitoring during environmental drilling of soil borings and the installation of ground water monitoring wells. He also has managed the removal and closure of underground storage tanks. Mr. Gradishar's geotechnical experience consists of design and construction management services. His design experience includes management of field investigations, settlement calculations for foundations, slope stability analysis, and earthwork requirements. His construction experience includes compacted structural fill, concrete sampling and observations, various types of foundation inspections, and geopier installation monitoring.

SPECIALIZED EXPERIENCE

Purcellville Industrial Parcel Environmental Site Assessment, Loudoun County, Virginia: Project manager for a Phase I Environmental Site Assessment on an approximately 1.6-acre Site that included two parcels containing a house, which was currently in-use as an office, a machine shop, and a leased warehouse facility. The site investigation revealed above ground storage tanks, underground storage tanks, various 55-gallon drums of chemicals, fireworks, and an abandoned well.

The Love's Truck Stop Renovation & Rebuilding, Toms Brook, Virginia, Environmental Site Assessment: Mr. Gradishar conducted Phase I and II Environmental Site Assessment (ESA) services for an existing truck stop in order to evaluate the 21 acre site for purchase. The services provided included a Phase I ESA, asbestos survey, water quality sampling and testing of water supply wells, evaluation of the compliance status of two 150,000-gallon Above Ground Storage Tanks (ASTs) and six USTs with sizes from 2,000-to 15,000-gallons, review of the closure of an on-site waste water lagoon, and evaluation of the status of a VPDES permit. In addition, Mr. Gradishar supervised a subsurface investigation that included 18 soil test borings, PID screening of the soil samples, and chemical testing of selected samples. The results of the various activities were summarized in a comprehensive ESA report.

Fannon Petroleum Property, Gainesville, Virginia: Project manager during a geotechnical engineering design and environmental site assessment for a proposed business center. Mr. Gradishar conducted a subsurface investigation and preliminary design recommendations. He provided recommendations for rock excavation and conducted an assessment of site soils to be reused as fill.

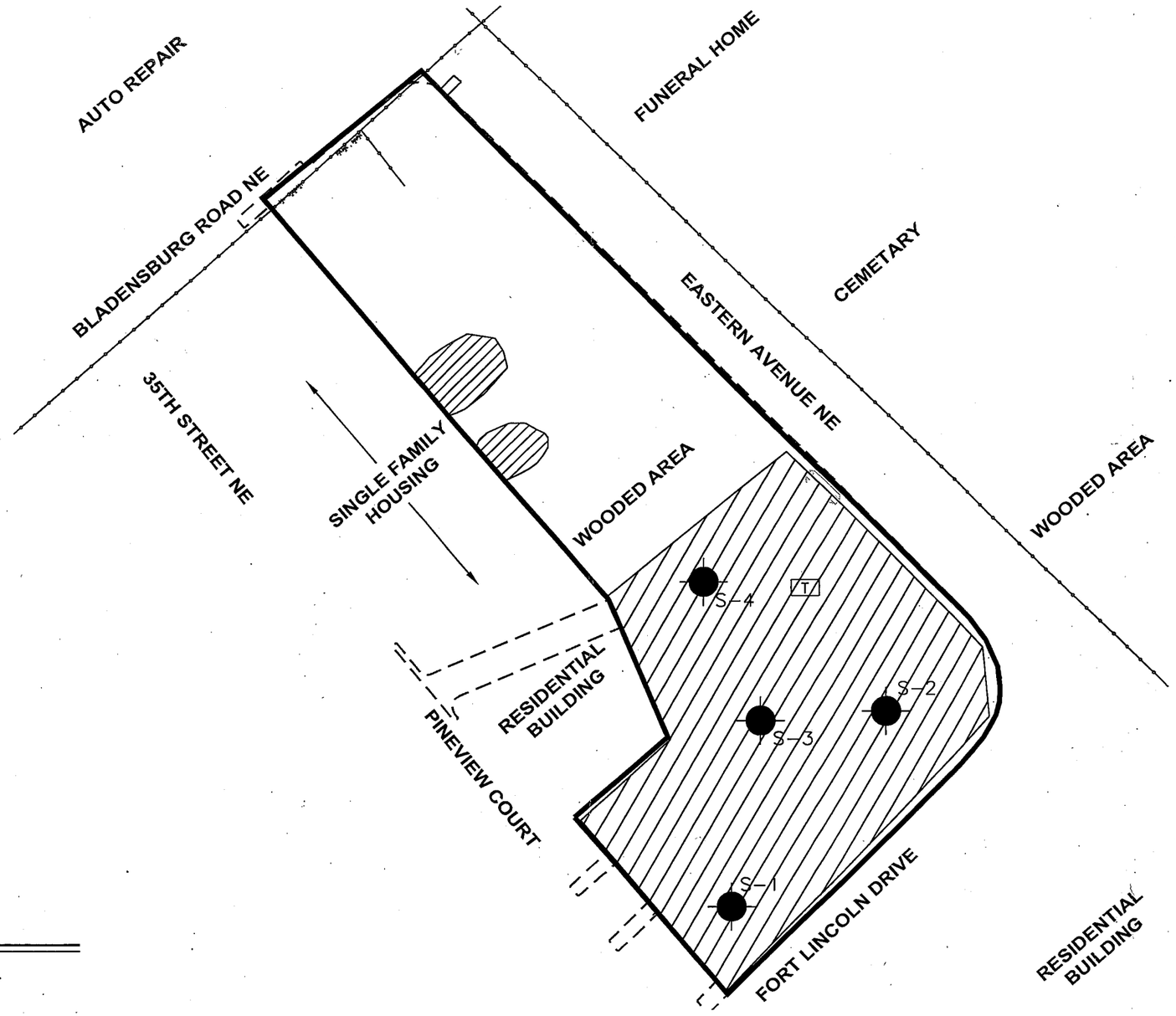
Goodwill Industries UST Closure and Removal Services, N.E., Washington, D.C.: Mr. Gradishar served as project manager for this project which involved closure and removal of a 10,000 gallon fuel oil UST. During removal of the UST, a petroleum release was documented. Mr. Gradishar coordinated the removal efforts with D.C. UST Division Personnel, negotiated with regulating personnel regarding the petroleum release, and obtained successful closure of the UST.

525 Massachusetts Avenue Commercial Development, N.W., Washington, D.C., Environmental Site Assessment Services: Mr. Gradishar conducted a study of adjacent properties using Sanborn maps and other sources to identify potential off-site sources of documented subsurface contamination. The review identified several potential contributors of documented contamination and allowed the District of Columbia to designate to our client as "Innocent Adjacent Landowner" which provided as significant amount of flexibility to develop the site without incurring liability for the documented contamination.

Smithsonian American Art Museum and National Portrait Gallery, Old Patent Office Building, 9th Street and G Street, N.W., Washington, D.C.: Project manager during environmental subsurface investigation. The Old Patent Office Building, home to the Smithsonian American Art Museum and National Portrait Gallery is undergoing a major renovation. The $216 million renovations include the addition of a 346-seat underground auditorium with lobby, a conservation lab and art storage area that are visible to the public, a café, and museum store. The area of the existing courtyard is being excavated for the auditorium. The purpose of our study was to investigate the possible presence of contaminants within the subsurface. The environmental subsurface investigation included performing geoprobe test borings the courtyard area. Access to the site was limited, as the drilling equipment needed to enter the building within the areas of on-going renovation work.

Lewinsville Senior Center – ESA, McLean, Virginia: Mr. Gradishar was project manager for Phase I and II Environmental Site Assessment (ESA) services for an adult and child daycare facility to evaluate the site for major renovations. The services provided included a Phase I ESA, asbestos survey, and the evaluation of the compliance status and location of a 15,000-gallon Underground Storage Tank (UST). In addition, Mr. Gradishar supervised a subsurface investigation that included soil test borings around the UST, PID screening of the soil samples, and chemical testing of selected samples. The results of the various activities were summarized in a comprehensive ESA report.

APPENDIX F
LIMITED PHASE II SUBSURFACE INVESTIGATION DOCUMENTS



LEGEND

- APPROXIMATE SITE BOUNDARY
- OVERHEAD UTILITY LINES
- T OR Ⓣ TRANSFORMER
- S-1 APPROXIMATE SAMPLING LOCATION
- APPROXIMATE PORTION OF SITE IN ASSUMED PREVIOUS ORCHARD AREA

N:\PROJECTS\Active 07 Projects\27190.02\CAD\UPDATED SAMPLING LOCATION PLAN.dwg

GeoConcepts Engineering, Inc.
19955 Highland Vista Dr., Suite 170 (703) 726-8030
Ashburn, Virginia 20147 (703) 726-8032 fax

CITY HOMES AT FORT LINCOLN, BLADENSBURG ROAD AND EASTERN AVENUE N.E., WASHINGTON D.C.

SAMPLING LOCATION PLAN		Scale: N.T.S.	Fig. 3
Date: FEBRUARY 2008	Checked By: D.G.	Project No.: 27190.01	

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

GeoConcept Engineering, Inc.
19955 Highland Vista Drive
Suite 170
Ashburn, VA 20147

Date Received: 02/04/08 12:00
Date Issued: 02/08/08 11:33

Project: City Homes at Fort Lincoln
Site Location: NA
Project Number: 27190.02

SDG Number: 08020401

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: S-1	**Matrix: Soil**		**Date Sampled: 02/04/08 8:30**			**Lab ID: 08020401-01**	
Organochlorine Pesticides							
Aldrin	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
a-BHC	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
b-BHC	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
g-BHC (Lindane)	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
d-BHC	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
a-Chlordane	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
g-Chlordane	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
4,4-DDD	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
4,4-DDE	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
4,4-DDT	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Dieldrin	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Endosulfan I	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Endosulfan II	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Endosulfan Sulfate	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Endrin	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Endrin Aldehyde	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Endrin Ketone	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Heptachlor	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Heptachlor Epoxide	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Methoxychlor	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Toxaphene	ND	ug/kg	120	EPA 8081A	02/06/08	02/07/08 13:17	SAK
Percent Solids							
Percent Solids	**83**	%		SM2540G	02/07/08	02/07/08 14:32	SK
Total Metals							
Arsenic	**4.6**	mg/kg	0.54	EPA 6020A	02/06/08	02/07/08 11:17	MEL

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

GeoConcept Engineering, Inc.
19955 Highland Vista Drive
Suite 170
Ashburn, VA 20147

Date Received: 02/04/08 12:00
Date Issued: 02/08/08 11:33

Project: City Homes at Fort Lincoln
Site Location: NA
Project Number: 27190.02

SDG Number: 08020401

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: S-2	**Matrix: Soil**		**Date Sampled: 02/04/08 8:30**			**Lab ID: 08020401-02**	
Organochlorine Pesticides							
Aldrin	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
a-BHC	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
b-BHC	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
g-BHC (Lindane)	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
d-BHC	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
a-Chlordane	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
g-Chlordane	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
4,4-DDD	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
4,4-DDE	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
4,4-DDT	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Dieldrin	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Endosulfan I	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Endosulfan II	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Endosulfan Sulfate	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Endrin	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Endrin Aldehyde	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Endrin Ketone	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Heptachlor	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Heptachlor Epoxide	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Methoxychlor	ND	ug/kg	12	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Toxaphene	ND	ug/kg	120	EPA 8081A	02/06/08	02/07/08 13:45	SAK
Percent Solids							
Percent Solids	84	%		SM2540G	02/07/08	02/07/08 14:32	SK
Total Metals							
Arsenic	2.0	mg/kg	0.56	EPA 6020A	02/06/08	02/07/08 11:22	MEL

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

GeoConcept Engineering, Inc.
19955 Highland Vista Drive
Suite 170
Ashburn, VA 20147

Date Received: 02/04/08 12:00
Date Issued: 02/08/08 11:33

Project: City Homes at Fort Lincoln
Site Location: NA
Project Number: 27190.02

SDG Number: 08020401

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: S-3	**Matrix: Soil**		**Date Sampled: 02/04/08 8:30**			**Lab ID: 08020401-03**	
Organochlorine Pesticides							
Aldrin	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
a-BHC	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
b-BHC	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
g-BHC (Lindane)	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
d-BHC	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
a-Chlordane	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
g-Chlordane	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
4,4-DDD	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
4,4-DDE	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
4,4-DDT	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Dieldrin	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Endosulfan I	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Endosulfan II	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Endosulfan Sulfate	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Endrin	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Endrin Aldehyde	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Endrin Ketone	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Heptachlor	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Heptachlor Epoxide	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Methoxychlor	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Toxaphene	ND	ug/kg	110	EPA 8081A	02/06/08	02/07/08 14:14	SAK
Percent Solids							
Percent Solids	87	%		SM2540G	02/07/08	02/07/08 14:32	SK
Total Metals							
Arsenic	**2.9**	mg/kg	0.42	EPA 6020A	02/06/08	02/07/08 11:27	MEL

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

GeoConcept Engineering, Inc.
19955 Highland Vista Drive
Suite 170
Ashburn, VA 20147

Date Received: 02/04/08 12:00
Date Issued: 02/08/08 11:33

Project: City Homes at Fort Lincoln
Site Location: NA
Project Number: 27190.02

SDG Number: 08020401

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: S-4	**Matrix: Soil**		**Date Sampled: 02/04/08 8:30**			**Lab ID: 08020401-04**	
Organochlorine Pesticides							
Aldrin	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
a-BHC	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
b-BHC	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
g-BHC (Lindane)	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
d-BHC	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
a-Chlordane	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
g-Chlordane	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
4,4-DDD	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
4,4-DDE	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
4,4-DDT	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Dieldrin	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Endosulfan I	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Endosulfan II	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Endosulfan Sulfate	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Endrin	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Endrin Aldehyde	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Endrin Ketone	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Heptachlor	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Heptachlor Epoxide	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Methoxychlor	ND	ug/kg	11	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Toxaphene	ND	ug/kg	110	EPA 8081A	02/06/08	02/07/08 14:43	SAK
Percent Solids							
Percent Solids	88	%		SM2540G	02/07/08	02/07/08 14:32	SK
Total Metals							
Arsenic	**2.6**	mg/kg	0.44	EPA 6020A	02/06/08	02/07/08 11:33	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Cohen
QC Chemist

CALIBER ANALYTICAL SERVICES

6651 Orchard Tree Lane Towson, MD 21286
Phone: 410.825.1151
Fax: 410.825.2129
www.caslabs.net

Chain of Custody Record

Customer:	GeoConcepts Engineering
Contact/Report to:	Ashley Hogan
Phone:	703-726-8030
Fax:	703-726-8032

E-mail address:	ahogan@geoconcepts-eng.com
Project Name:	City Homes at Fort Lincoln
Project Number:	27190.02
PO Number:	

SDG Number:	08020401

Analysis Requested

Lab Number	Field Sample ID	Date Sampled	Time Sampled	No. of Bottles	Matrix (Preservative)	Arsenic	Pesticides									Sampling Remarks/ Comments
	S-1	2/4/08	8:30a	1	Soil	X	X									
	S-2	↓	↓	1	↓	X	X									
	S-3			1		X	X									
	S-4			1		X	X									

Relinquished by:	Ashley Hogan	Date/Time:	2/4/08	Deliverables:	Receipt Temperature:	Turnaround Time:
Received by:	[signature]	Date/Time:	2/4/08 1200	I II III CLP EDD	Temp:____ On Ice	(STD) Next Day 2-Day Other____
Relinquished by:		Date/Time:		Custody Seals:	Comments/Special Instructions:	
Received by:		Date/Time:		Sample Cooler		
Relinquished by:		Date/Time:		Delivered by client		
Received by:		Date/Time:				

WETLAND DELINEATION

(Apex Companies, LLC)

Apex Companies, LLC
"Where Excellence Meets Value"

8809 Sudley Rd
Manassas, Virginia 20110
Telephone: 703-396-6730
Facsimile: 703-396-6743

May 5, 2008

Mr. Will Collins
Concordia Group
6707 Democracy Blvd.
Suite 910
Bethesda, MD 20817

Re: Preliminary Wetland Investigation
Bladensburg Road and Eastern Avenue
Washington D.C. 20018
Apex Job# 11953.005

Dear Mr. Collins:

Apex Companies, LLC (Apex) is pleased to submit this preliminary wetland investigation of the City Homes at the Fort Lincoln site near the intersection of Bladensburg Road and Eastern Avenue in Washington, D.C. The property was evaluated for the presence of wetlands and waters on April 15, 2008, using criteria established in the Federal Register (33 CFR Part 328 – Definition of Waters of the United States) and in the Environmental Laboratory. 1987. "Corps of Engineers Wetland Delineation Manual", Technical Report Y-87-1, U.S. Army Engineer Waterways Experiment Station, Vicksburg, Mississippi (the Manual).

The purpose of the study is to identify areas of the subject property that meet all of the criteria required for a wetland or waterway classification (hydrophytic vegetation, hydrology and hydric soils). The Manual describes the conditions that must be met in order to classify an area as a wetland. Where positive indications of the above three parameters are seen, the area is considered jurisdictional wetland. Any area that lacks one or more of the parameters is not considered a jurisdictional wetland.

On April 15, 2008, Apex hand augured in three locations to determine the soil composition. The three data point locations (DP) are depicted in **Figure 1**. The site is located on a hill that slopes toward DP3. The only soil series mapped within the property limits is Christiana Silt Loam, which is a well-drained, non-hydric soil according to the United States Department of Agriculture (USDA).

DP1 and DP3 are located in two atypical, mowed, grassy areas on either side of the wooded area (**Figure 1**). DP2 is located in the wooded area near the center of the site. DP1 did not meet

the hydrology or hydric soils requirements for a wetland. The hydrophytic vegetation criterion was not considered because DP1 is in a mowed area (a typical situation).

Apex identified several plant species around DP2. The dominant plant species in the area are: *Acer rubrum* (Red Maple), *Ulmus americana* (American Elm), *Prunus serotina* (Black Cherry), *Toxicodendron radicans* (Poison Ivy), *Lonicera japonica* (Japanese Honeysuckle) and *Allium vineale* (Field Garlic). All of these plants are Faculative Wetland (FACW), Faculative (FAC) or Faculative Upland (FACU). DP2 did not meet the hydrophytic vegetation, hydrology and hydric soils criteria to be considered a wetland.

DP3 met the criterion for hydrology. Standing water was observed within 2" of the ground surface within the borehole. However, DP3 did not meet the criteria for a hydric soil. The hydrophytic vegetation criterion was not taken into account because DP3 lies in an atypical, mowed area. DP3 does not meet the wetland criteria

Based upon the lack of hydric soils, lack of wetland hydrology and the lack of hydrophytic vegetation at any one location, Apex does not consider any areas on the subject property to constitute a wetland. This delineation is not considered complete until verified by a representative of the U.S. Army Corps of Engineers.

Sincerely,
Apex Companies, LLC

Jason Franti
Project Manager

Attachments

DATA POINT

PROPERTY BORDER

8809 SUDLEY RD.-STE.101
MANASSAS, VA 20110
TELEPHONE: (703) 396-6730
FACSIMILE: (703) 396-6743
Apex Companies, LLC.®

FIGURE 1

SITE MAP AND DATA POINT LOCATION

Date: May 5, 2008	Project Name: City Homes at Fort Lincoln
Drawn By: MEH	Project Number: 11985.005
Scale: NTS	Client: Concordia Group

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: City Homes Applicant/Owner: Concordia Group Investigator: Jason Franti	Date: 4/15/2008 County: N/A State: Washington, D.C.
Do normal Circumstances Exist on the site? Yes **(No)** Is the site significantly disturbed (Atypical Situation)? **(Yes)** No Is the area a potential Problem Area? Yes **(No)** (If needed, explain on reverse.)	Community ID: ____ Transect ID: ____ Plot ID: DP1

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.			9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). ____

Remarks: Atypical situation exists at location. Only lawn present and native vegetation inhibited from growth.

HYDROLOGY

No Recorded Data (Describe in Remarks):
- N/A Stream, Lake, or Tide Gauge
- N/A Aerial Photographs
- N/A Other

Yes No Recorded Data Available

Field Observations:
- Depth of Surface Water: N/A (in.)
- Depth to Free Water in Pit: N/A (in.)
- Depth to Saturated Soil: N/A (in.)

Wetland Hydrology Indicators:

Primary Indicators:
- N Inundated
- N Saturated in Upper 12 Inches
- N Water Marks
- N Drift Lines
- N Sediment Deposits
- N Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- N Oxidized Root Channels in Upper 12″
- N Water-Stained Leaves
- N Local Soil Survey Data
- N FAC-Neutral Test
- N Other (Explain in Remarks)

Remarks: No evidence of hydrology at DP1.

SOILS

Map Unit Name
(Series and Phase): Christiana Silt Loam

Drainage Class: Well Drained
Field Observations
Confirm Mapped Type? Yes (circled) No

Taxonomy (Subgroup): Typic Paleudults

Profile Description:

Depth (Inches)	Horizon	Matrix color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contract	Texture, Concentrations, Structure, etc.
0-7	E	7.5 YR 4/6	N/A	N/A	Sandy loam with gravel
7-13	Bt	5 YR 4/6	N/A	N/A	Loam

Hydric Soil Indicators:

- N Histosol
- N Histic Epipedon
- N Sulfidic Odor
- N Aquic Moisutre Regime
- N Reducing Conditions
- N Gleyed or Low-Chroma Colors
- N Concentrations
- N High Organic content in surface Layer Sandy Soils
- N Organic Streaking in Sandy Soils
- N Listed on Local Hydric Soils List
- N Listed on National Hydric Soils List
- N Other (Explain in Remarks)

Remarks: Soil does not meet criteria for a hydric soil.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes (No) (Circle)
Wetland Hydrology Present? Yes (No)
Hydric Soils Present? Yes (No)

Is this Sampling Point Within a Wetland? (Circle) Yes (No)

Remarks:

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: City Homes Applicant/Owner: Concordia Group Investigator: Jason Franti	Date: 4/15/2008 County: N/A State: Washington, D.C.
Do normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: Plot ID: DP2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Acer rubrum	T	FAC	9.		
2. Ulmus americana	T	FACW-	10.		
3. Prunus serotina	S	FACU	11.		
4. Toxicodendron radicans	V	FAC	12.		
5. Lonicera japonica	V	FAC-	13.		
6. Allium vineale	H	FACU-	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 50%

Remarks: Does not meet vegetation criteria.

HYDROLOGY

No Recorded Data (Describe in Remarks):
- N/A Stream, Lake, or Tide Gauge
- N/A Aerial Photographs
- N/A Other

Yes No Recorded Data Available

Field Observations:
- Depth of Surface Water: N/A (in.)
- Depth to Free Water in Pit: N/A (in.)
- Depth to Saturated Soil: N/A (in.)

Wetland Hydrology Indicators:

Primary Indicators:
- N Inundated
- N Saturated in Upper 12 Inches
- N Water Marks
- N Drift Lines
- N Sediment Deposits
- N Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- N Oxidized Root Channels in Upper 12″
- N Water-Stained Leaves
- N Local Soil Survey Data
- N FAC-Neutral Test
- N Other (Explain in Remarks)

Remarks: No evidence of hydrology at DP2.

SOILS

Map Unit Name
(Series and Phase): Christiana Silt Loam

Drainage Class: Well Drained

Field Observations
Confirm Mapped Type? Yes No

Taxonomy (Subgroup): Typic Paleudults

Profile Description:

Depth (Inches)	Horizon	Matrix color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contract	Texture, Concentrations, Structure, etc.
0-1	O	N/A	N/A	N/A	Leaf litter
1-2	A	10 YR 3/3	N/A	N/A	Many roots, sandy loam
2-10	E	10 YR 4/6	N/A	N/A	Sandy loam
10-14	BE	10 YR 4/6	2.5 YR 5/6	40%	Sandy clay loam

Hydric Soil Indicators:

- N Histosol
- N Histic Epipedon
- N Sulfidic Odor
- N Aquic Moisutre Regime
- N Reducing Conditions
- N Gleyed or Low-Chroma Colors
- N Concentrations
- N High Organic content in surface Layer Sandy Soils
- N Organic Streaking in Sandy Soils
- N Listed on Local Hydric Soils List
- N Listed on National Hydric Soils List
- N Other (Explain in Remarks)

Remarks: Soil does not meet criteria for a hydric soil.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	No	(Circle)
Wetland Hydrology Present?	Yes	No	
Hydric Soils Present?	Yes	No	

Is this Sampling Point Within a Wetland? (Circle) Yes No

Remarks: Not a wetland area.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: City Homes Applicant/Owner: Concordia Group Investigator: Jason Franti	Date: 4/15/2008 County: N/A State: Washington, D.C.
Do normal Circumstances Exist on the site? Yes **(No)** Is the site significantly disturbed (Atypical Situation)? **(Yes)** No Is the area a potential Problem Area? Yes **(No)** (If needed, explain on reverse.)	Community ID: Transect ID: Plot ID: DP3

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.			9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-).

Remarks: Atypical situation exists at location. Only lawn present and native vegetation inhibited from growth.

HYDROLOGY

No Recorded Data (Describe in Remarks):
- N/A Stream, Lake, or Tide Gauge
- N/A Aerial Photographs
- N/A Other

Yes No Recorded Data Available

Field Observations:
- Depth of Surface Water: N/A (in.)
- Depth to Free Water in Pit: 2 (in.)
- Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators:

Primary Indicators:
- Y Inundated
- Y Saturated in Upper 12 Inches
- N Water Marks
- N Drift Lines
- N Sediment Deposits
- N Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- N Oxidized Root Channels in Upper 12"
- N Water-Stained Leaves
- N Local Soil Survey Data
- N/A FAC-Neutral Test
- N Other (Explain in Remarks)

Remarks: Low spot on-site. No outlet for site water. Ponds during wet times of year or after rainy spells.

SOILS

Map Unit Name
(Series and Phase): Christiana Silt Loam

Drainage Class: Well Drained

Field Observations
Confirm Mapped Type? (Yes) No

Taxonomy (Subgroup): Typic Paleudults

Profile Description:

Depth (Inches)	Horizon	Matrix color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contract	Texture, Concentrations, Structure, etc.
0-2	A	10 YR 3/3	N/A	N/A	Clay loam
2-8	E1	2.5 Y 4/2	10 YR 4/6	15-20%	Clay loam
8-11	E2	2.5 Y 4/2	10 YR 4/6	50%	Clay loam
11-18	BE	10 YR 4/6	2.5 YR 4/2	20%	Sandy clay loam

Hydric Soil Indicators:

- N Histosol
- N Histic Epipedon
- N Sulfidic Odor
- N Aquic Moisutre Regime
- N Reducing Conditions
- N Gleyed or Low-Chroma Colors
- N Concentrations
- N High Organic content in surface Layer Sandy Soils
- N Organic Streaking in Sandy Soils
- N Listed on Local Hydric Soils List
- N Listed on National Hydric Soils List
- N Other (Explain in Remarks)

Remarks: Soil does not meet criteria for a hydric soil.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	(No)	(Circle)
Wetland Hydrology Present?	(Yes)	No	
Hydric Soils Present?	Yes	(No)	

Is this Sampling Point Within a Wetland? (Circle) Yes (No)

Remarks: Area is wet and passes hydrology characteristic but soil does not qualify. Not a wetland.

SUBSURFACE EXPLORATION

(GeoConcepts Engineering, Inc.)

Preliminary
Geotechnical Engineering Report

City Homes at Fort Lincoln

Fort Lincoln Drive and Eastern Avenue, N.E.

Washington, D.C.

GeoConcepts Engineering, Inc.
19955 Highland Vista Drive, Suite 170, Ashburn, Virginia 20147
703-726-8030 • Fax 703-726-8032 • www.geoconcepts-eng.com

GeoConcepts Engineering, Inc.

19955 Highland Vista Dr., Suite 170
Ashburn, Virginia 20147
(703) 726-8030
Fax (703) 726-8032
www.geoconcepts-eng.com

December 27, 2007

Mr. Will Collins
Concordia Group
6707 Democracy Boulevard, Suite 910
Bethesda, Maryland 20817

Subject: ***Preliminary Geotechnical Engineering Report, City Homes at Fort Lincoln, Fort Lincoln Drive and Eastern Avenue, N.E., Washington, D.C. (Our 27190)***

Dear Mr. Collins:

GeoConcepts Engineering, Inc. (GeoConcepts) is pleased to present this preliminary geotechnical engineering report for the above referenced project. These services have been performed in accordance with our proposal dated October 30, 2007.

1.0 Scope of Services

This preliminary geotechnical engineering report presents the results of the field investigation, soil laboratory testing, and engineering analysis of the geotechnical data. This report specifically addresses the following:

- An evaluation of subsurface conditions within the proposed site development, including a seismic site classification.
- Preliminary foundation recommendations for support of the proposed buildings and lower floor slabs on grade.
- Comments on permanent subdrainage to be included during final design.
- Comments regarding soil subgrade conditions for pavement areas.
- Comments on earthwork including an assessment of on-site soils to be excavated for re-use as fill.
- Recommendations for final geotechnical engineering services required for final design.

Services not specifically identified in the contract for this project are not included in the scope of services.

2.0 Site Description and Proposed Construction

The City Homes at Fort Lincoln site is located at the intersection of Eastern Avenue and Fort Lincoln Drive, in N.E., Washington, D.C. The site currently consists of cleared grass land with trees located in the middle of the parcel. Based on the site plan received from VIKA, Inc., site topography slopes from south to north with a topographic high of approximately EL 128 in the southern corner and a topographic low of approximately EL 90 in the northern corner of the site. A site vicinity map is presented as Figure 1 at the end of this report.

It is our understanding the proposed development will consist of 62 town home units with associated driveways and site utilities. In addition, a retaining wall is proposed along the southern portion of the site. It is our understanding that there will be no basement levels and finished floor levels will be at approximately existing grades.

3.0 Subsurface Conditions

Subsurface conditions were investigated by drilling a total of five soil test borings in the proposed site development area. Test boring logs and a boring location plan are presented in Appendix A.

3.1 Stratification

The subsurface materials encountered have been stratified for purposes of our discussions herein. These stratum designations do not imply that the materials encountered are continuous across the site. Stratum designations have been established to characterize similar subsurface conditions based on material gradations and parent geology. The subsurface materials encountered in the test pits completed at the site have been assigned to the following strata:

Stratum A (Existing Fill)	sandy silt FILL, with concrete fragments, moist, brown
Stratum B (Potomac Group)	loose to firm, sandy SILT (ML), SILT (ML), with sand, sandy LEAN CLAY (CL), LEAN CLAY (CL) with sand, sandy FAT CLAY (CH), FAT CLAY (CH), moist, with rock fragments, brown, gray, dark gray, dark green, red

The two letter designations included in the strata descriptions presented above and on the test boring logs represent the Unified Soil Classification System (USCS) designations for the samples based on visual classifications conducted in the field during the subsurface investigation. Visual classifications were made using the methods described in ASTM D-2488, and may not match classifications determined by laboratory testing per ASTM D-2487.

3.2 Geology

The City Homes at Fort Lincoln site is located within the Coastal Plain Physiographic Province of Washington, D.C. The Coastal Plain consists of a seaward thickening wedge of unconsolidated to semi-consolidated sedimentary deposits from the Cretaceous Geologic Period to the Holocene Geologic Epoch. These deposits represent marginal-marine to marine sediments consisting of interbedded sands and clays. The Coastal Plain is bordered to the east by the Atlantic Ocean and to the west by the Piedmont Physiographic Province. The dividing line between the Coastal Plain and the Piedmont is locally referred to as the "Fall Line". This name comes from the waterfalls that form as a result of the differential erosion that occurs as streams cross the Piedmont/Coastal Plain contact.

The Potomac Group sediments are the oldest sedimentary deposits in the Washington, D.C. area. These soils are known to be highly over-consolidated as a result of the weight of a substantial thickness of overlying soils that have since been eroded away. As a result of over-consolidation, Potomac Group soils have been pre-loaded and are capable of supporting substantial loads. The Potomac Group clays are well documented with problems associated with slope instability and excessive shrink/swell characteristics.

3.3 Ground Water

Ground water level observations were made in the field during drilling and up to 24 hours after the completion of the test borings. All borings were dry upon completion; however, 24 hour water level observations indicated ground water at depths below the existing ground surface of 9.2 feet in boring B-3 and 6.6 feet in boring B-4, or at about EL 94 and EL 107, respectively. Accordingly, ground water may be an issue for proposed site development such as utility construction.

The ground water observations presented herein are considered to be an indication of the ground water levels at the dates and times indicated. Where more impervious Stratum B clay

soils are encountered, the amount of water seepage into the borings is limited, and it is generally not possible to establish the location of the ground water table through short term water level observations. Accordingly, the ground water information presented herein should be used with caution. Also, fluctuations in ground water levels should be expected with seasons of the year, construction activity, changes to surface grades, precipitation, or other similar factors.

3.4 Soil Laboratory Test Results

Selected soil samples obtained from the field investigation were tested for grain size distribution, Atterberg limits, and natural moisture contents. A summary of soil laboratory test results is presented as Appendix B. The results of natural moisture content tests are presented on the test boring logs in Appendix A.

Samples tested from Stratum B classified as SILT (ML) with sand, LEAN CLAY (CL), and LEAN CLAY (CL) with sand, in accordance with the USCS, with about 78 to 97 percent fines passing the U.S. Standard No. 200 sieve. Liquid limits and plasticity indices for the samples tested were 25 to 44 and non-plastic to 23, respectively. Natural moisture contents ranged from 13.8 to 22.5 percent.

4.0 Preliminary Engineering Analysis

4.1 Spread Footing Foundations

Spread footings founded in natural soils or new compacted fill may be considered for support of the proposed new buildings. The existing fill of Stratum A, where encountered, is not expected to be suitable for direct support of spread footings. Accordingly, it will be necessary to remove the existing fill down to natural soils in building areas and replace it with new compacted fill. The footings can then be constructed at normal design depths on the new compacted fill. Spread footings founded in natural soils or new compacted fill may be designed for allowable bearing pressures of 2,500 psf.

Exterior footing subgrades should be located at least 2.5 feet below final exterior grades for frost considerations, except where fat clay (CH) soils are present at footing subgrades. In this case, footings should be lowered to a depth of 4 feet below final exterior grade or until the fat clay material is no longer present, whichever is less. Interior footings may be placed at normal structural depths where Potomac Group fat clay soils are encountered.

4.2 Floor Slabs on Grade

Floor slabs supported by firm natural soils, existing fill, or new compacted fill are considered feasible at the site. Where floor subgrades consist of Potomac Group fat clay soils, these clay soils should be undercut to a depth of at least 2 feet or until the clay is no longer present, whichever is less, and backfilled with new compacted fill. As indicated previously, ground water was encountered at depths of up to 6.6 feet below existing grades. Based on the assumption that the development will not include basements, ground water should not be an issue for building construction. However, a more thorough analysis of ground water issues should be completed once final grades are established.

4.3 Pavements

Pavement subgrades are expected to consist of new compacted fill, natural soils, or existing fill. These materials are generally considered suitable for support of planned roadways and parking areas; however, we suggest budgeting for reworking and recompaction of the existing fill where it is present at pavement subgrades. Based on the materials expected at pavement subgrades, a preliminary California Bearing Ratio (CBR) value of 4 is recommended for preliminary design of pavements. Final pavement sections should be based on CBR tests taken on subgrade soils at the time of construction.

4.4 Earthwork

New fill will likely be required for site grading in building and pavement areas. Materials used for compacted fill for support of footings, floor slabs, and pavements should consist of soils classifying CL, ML, SC, SM, SP, SW, GC, GM, GP, or GW per ASTM D-2487, with a maximum dry density greater than 105 pcf. Materials used for backfill against walls below grade should consist of soils classifying ML, SM, SP, SW, GM, GP, or GW, with a liquid limit and plasticity index less than 40 and 15, respectively. It is expected that the majority of soils excavated from Strata A and B will be suitable for re-use as fill based on classification, except for the fat clay (CH) soils of Stratum B. Also, some portions of the Stratum A existing fill may not be suitable for re-use as new compacted fill due to deleterious man-made materials in the fill.

Due to the fine-grained nature of the site soils, drying of excavated soils by spreading and aerating may be necessary to obtain proper compaction, especially if the lean clay soils of

Stratum B are to be re-used as fill. This may not be practical during the wet period of the year. Accordingly, earthwork operations should be planned for early Spring through late Fall, when drier weather conditions can be expected.

5.0 Recommendations for Additional Studies

The recommendations presented herein have been based on preliminary site development information and a limited number of test borings completed at the site. Additional subsurface investigations and engineering analysis will be required to develop the final geotechnical engineering recommendations. However, the final geotechnical engineering study should not be completed until site development plans are finalized.

The comprehensive geotechnical engineering analysis and report should contain foundation recommendations for support of the buildings based on final building layouts, floor grades, and structural loads. The report should also include recommendations for foundation bearing pressures, subdrainage, pavements, and earthwork.

6.0 General Limitations

The intent of this report is to provide preliminary geotechnical engineering information for planning and budgeting purposes only. It does not reflect conditions that may occur between the points investigated and between sampling events in the test borings. This study is not adequate to use for final design purposes.

This preliminary report was prepared in accordance with generally accepted geotechnical engineering practices. No warranties, expressed or implied, are made as to the professional services included in this preliminary report.

We appreciate the opportunity to be of service for this project. Please contact the undersigned if you require clarification of any aspect of this report.

Sincerely,

GEOCONCEPTS ENGINEERING, INC.

June Chokechaitanasin
Project Engineer

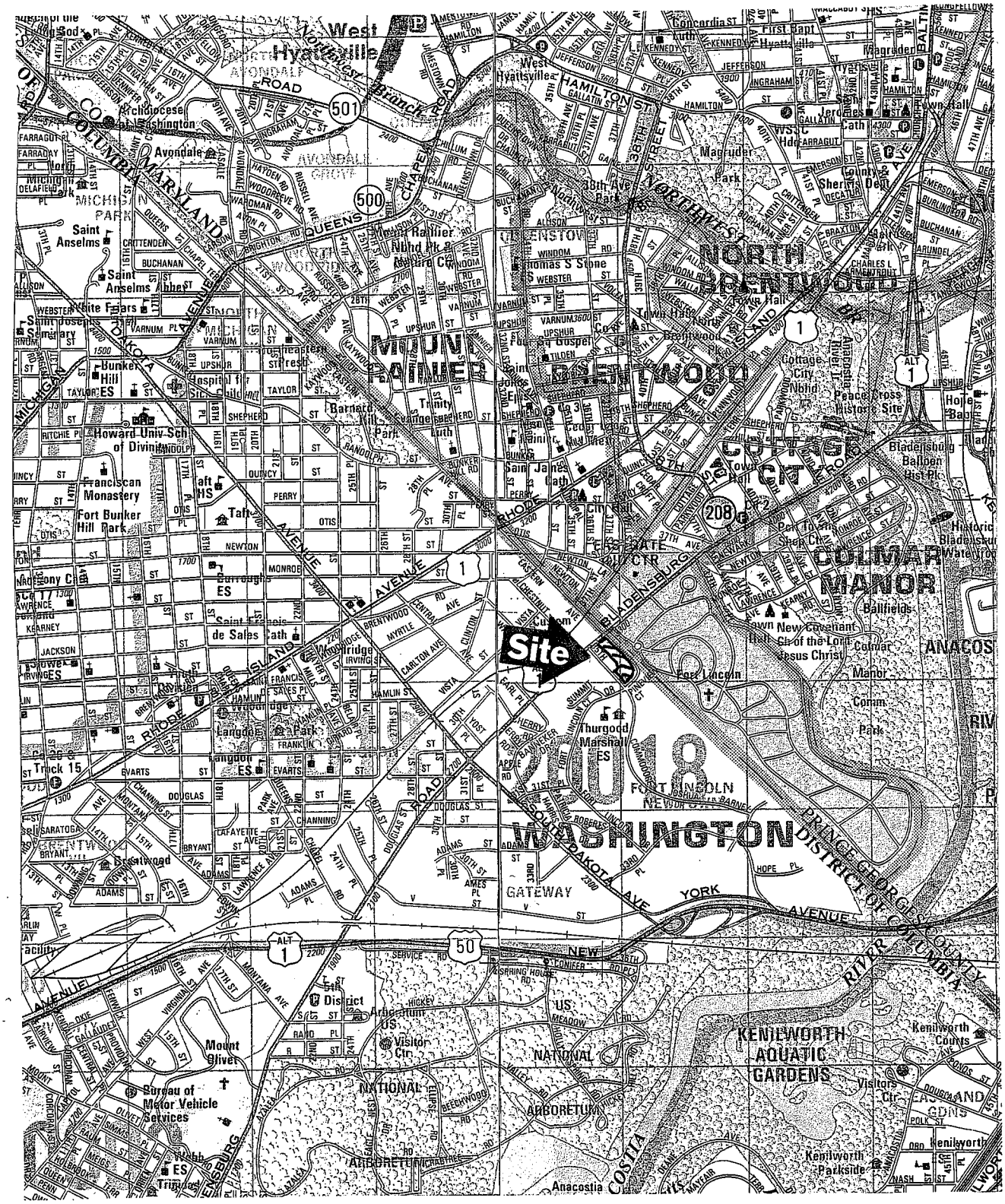
Tadeusz W. Lewis, P.E.
Principal

DISTRICT OF COLUMBIA
TADEUSZ W. LEWIS
No. 900450
REGISTERED
PROFESSIONAL ENGINEER

Figure 1: Site Vicinity Map

Appendix A: Subsurface Investigation Report
Appendix B: Soil Laboratory Test Report

DN/JC/TWL/shm
N:\PROJECTS\27190\WP\Preliminary GER.doc



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GeoConcepts Engineering, Inc.

19955 Highland Vista Dr., Suite 170 (703) 726-8030
Ashburn, Virginia 20147 (703) 726-8032 fax

CITY HOMES AT FORT LINCOLN, FT. LINCOLN & EASTERN AVE., N.E., WASHINGTON, D.C.

SITE VICINITY MAP		Scale: 1" = 2,000'	Fig. 1
Date: DECEMBER 2007	Checked By: T.W.L.	Project No.: 27190	

Subsurface Investigation Report

Subsurface Investigation Procedures (1 page)
Identification of Soil (1 page)
Test Boring Notes (1 page)
Test Boring Logs (5 pages)
Boring Location Plan – Figure 2 (1 page)

Subsurface Investigation Procedures

1. ***Test Boring – Hollow Stem Augers***
   The borings are advanced by turning an auger with a center opening of 2-¼ inches. A plug device blocks off the center opening while augers are advanced. Cuttings are brought to the surface by the auger flights. Sampling is performed through the center opening in the hollow stem auger, by standard methods, after removal of the plug. Usually, no water is introduced into the boring using this procedure.

2. ***Standard Penetration Tests***
   Standard penetration tests are performed by driving a 2 inch O.D., 1-⅜ inch I.D. sampling spoon with a 140-pound hammer falling 30 inches, according to ASTM D-1586. After an initial 6 inches penetration to assure the sampling spoon is in undisturbed material, the number of blows required to drive the sampler an additional 12 inches is generally taken as the N value. In the event 30 or more blows are required to drive the sampling spoon the initial 6 inch interval, the sampling spoon is driven to a total penetration resistance of 100 blows or 18 inches, whichever occurs first. The sampling operation is terminated after a total of 100 hammer blows and the depth of penetration is recorded.

3. ***Test Boring Stakeout***
   The test boring stakeout was provided by the project civil engineer.

GeoConcepts Engineering, Inc.

IDENTIFICATION OF SOIL

I. DEFINITION OF SOIL GROUP NAMES

		ASTM D-2487	Symbol	Group Name
Coarse-Grained Soils More than 50% retained on No. 200 sieve	**Gravels -** More than 50% of coarse fraction retained on No. 4 sieve	Clean Gravels Less than 5% fines	GW	WELL GRADED GRAVEL
			GP	POORLY GRADED GRAVEL
		Gravels with Fines More than 12% fines	GM	silty GRAVEL
			GC	clayey GRAVEL
	Sands - 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines	SW	WELL GRADED SAND
			SP	POORLY GRADED SAND
		Sands with fines More than 12% fines	SM	silty SAND
			SC	clayey SAND
Fine-Grained Soils 50% or more passes the No. 200 sieve	**Silts and Clays -** Liquid Limit less than 50	Inorganic	CL	LEAN CLAY
			ML	SILT
		Organic	OL	ORGANIC CLAY
				ORGANIC SILT
	Silts and Clays - Liquid Limit 50 or more	Inorganic	CH	FAT CLAY
			MH	ELASTIC SILT
		Organic	OH	ORGANIC CLAY
				ORGANIC SILT
Highly Organic Soils	Primarily organic matter, dark in color, and organic odor		PT	PEAT

II. DEFINITION OF MINOR COMPONENT PROPORTIONS

Minor Component	**Approximate Percentage of Fraction by Weight**
Adjective Form	
Gravelly, Sandy	30% or more coarse grained
With	
Sand, Gravel	15% to 29% coarse grained
Silt, Clay	5% to 12% fine grained

III. GLOSSARY OF MISCELLANEOUS TERMS

SYMBOLS - Unified Soil Classification Symbols are shown above as group symbols. Use "A" Line Chart for laboratory identification. Dual symbols are used for borderline classification.

BOULDERS & COBBLES - Boulders are considered pieces of rock larger than 12 inches, while cobbles range from 3 to 12 inches.

DISINTEGRATED ROCK - Residual rock material with a standard penetration test (SPT) resistance between 60 blows per foot and refusal.

ROCK - Rock material with a standard penetration test (SPT) resistance of 100 blows for 2 inches or 50 blows for 0 inches, or less penetration

DECOMPOSED ROCK - Residual rock material exhibiting rock-like properties that can be excavated by backhoe equipment. Similar to Disintegrated Rock, but cannot be classified as such because SPT N-Values were not obtained.

ROCK FRAGMENTS - Angular pieces of rock, distinguished from rounded transported gravel, which have separated from original vein or strata and are present in a soil matrix.

QUARTZ - A hard silicate mineral often found in residual soils. Only used when describing residual soils.

CEMENTED SAND - Usually localized rock-like deposits within a soil stratum composed of sand grains cemented by calcium carbonate, iron oxide, or other minerals. Commonly encountered in Coastal Plain sediments, primarily in the Potomac Group sands (Kps).

MICA - A plate-like phyllosilicate mineral found in many rocks, and in residual or transported soil derived therefrom.

ORGANIC MATERIALS (Excluding Peat) - Topsoil - Surface soils that support plant life and contain organic matter.
Lignite - Hard, brittle decomposed organic matter with low fixed carbon content (a low grade of coal).

FILL - Man made deposit containing soil, rock, and other foreign matter.

PROBABLE FILL - Soils which contain no visually detected foreign matter but which are suspect with regard to origin.

LAYERS - ½ to 12 inch seam of minor soil component.

COLOR - Two most predominant colors present should be described.

MOISTURE CONDITIONS - Wet, moist, or dry to indicate visual appearance of specimen.

Test Boring Notes

1. Classification of soil is by visual inspection and is in accordance with the Unified Soil Classification System.

2. Estimated ground water levels are indicated on the logs. These are only estimates from available data and may vary with precipitation, porosity of soil, site topography, etc.

3. Sampling data presents standard penetrations for 6 inch intervals or as indicated with graphic representations adjacent to the sampling data. Where undisturbed tube samples are taken, they are designated "Shelby Tube" on the soil test boring log. The length of insertion and recovery for tube samples in inches are also provided on the soil test boring log.

4. The logs and related information depict subsurface conditions at the specific locations and at the particular time when drilled. Soil conditions at other locations may differ from conditions occurring at the test locations. Also, the passage of time may result in a change in the subsurface conditions at the test locations.

5. The stratification lines represent the approximate boundary between soil types as determined in the sampling operation. Some variation may be expected vertically between samples taken. The soil profile, ground water level observations and penetration resistances presented on the logs have been made with reasonable care and accuracy and must be considered only an approximate representation of subsurface conditions to be encountered at the particular location.

6. Disintegrated rock is defined as residual earth material with a penetration resistance between 60 blows per foot and refusal. Spoon refusal at the surface of rock, boulders, or obstructions is defined as a penetration resistance of 100 blows for 2 inches penetration or less. Auger refusal is taken as the depth at which further penetration of the auger is not possible without risking significant damage to the drilling equipment.

GeoConcepts Engineering, Inc.

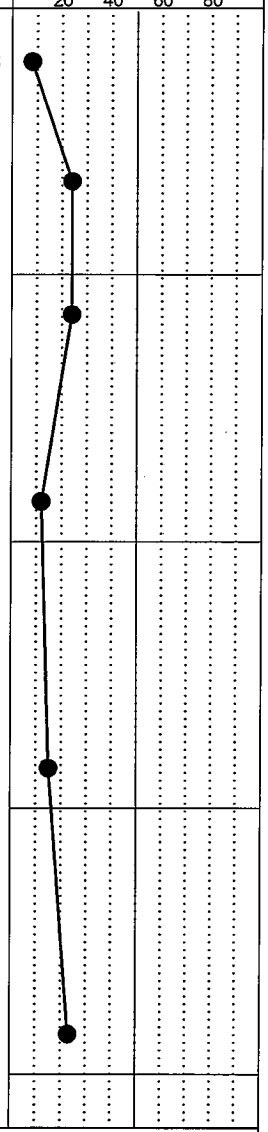
19955 Highland Vista Dr. #170
Ashburn, Va. 20147

703-726-8030
703-726-8032 fax

PROJECT: City Homes at Fort Lincoln	LOGGED BY: J. Zwickl	BORING NUMBER: **B-1**
LOCATION: Eastern Ave. and Fort Lincoln Dr., N.E., Washington, D.C.	DRILLING CONTRACTOR: Connelly and Associates, Inc.	SHEET 1 OF 1
OWNER/CLIENT: Concordia Group	DRILLER: D. Pao	DATE STARTED: 11/19/07
PROJECT NUMBER: 27190 / GROUND SURFACE ELEVATION (ft): 97.1	DRILLING METHOD: 2.25" I.D. HSA	DATE COMPLETED: 11/19/07

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	MC (%)	SAMPLE TYPE	SPT BLOW COUNTS	RECOVERY (in)
			LEAN CLAY (CL), moist, brown, gray	16.4	Split Spoon	2+3+5+8	16
			with sand, brown, red below 2.5 ft.	13.8	Split Spoon	5+12+12	14
	5		no sand below 5 ft.		Split Spoon	6+10+14	16
			brown, gray below 8.5 ft.	18.2	Split Spoon	4+5+7	14
	10	B					
	15				Split Spoon	4+6+9	16
78.6			sandy FAT CLAY (CH), moist, brown		Split Spoon	6+8+15	18
77.1	20		Bottom of Boring at 20.0 ft				

STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT)



GROUND WATER LEVELS:

ENCOUNTERED: None

UPON COMPLETION: Dry — CAVED: 9.0 ft — ELEV. 88.1

11/20/2007 Dry — CAVED: 9.8 ft — ELEV. 87.3

SAMPLE TYPES:

Split Spoon

REMARKS:

THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.

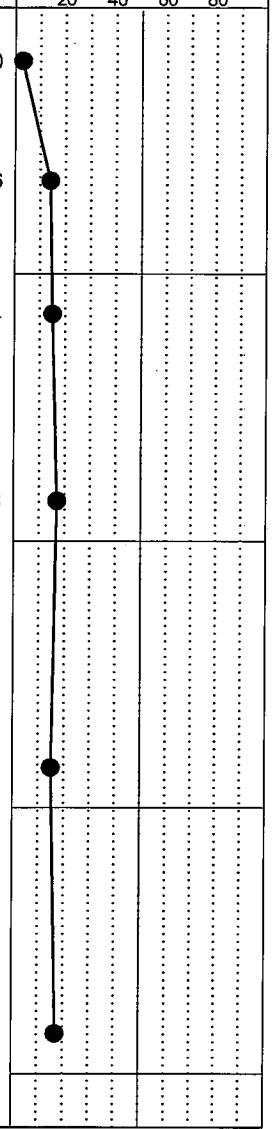
19955 Highland Vista Dr. #170
Ashburn, Va. 20147

703-726-8030
703-726-8032 fax

PROJECT: City Homes at Fort Lincoln	LOGGED BY: J. Zwickl	BORING NUMBER: **B-2**
LOCATION: Eastern Ave. and Fort Lincoln Dr., N.E., Washington, D.C.	DRILLING CONTRACTOR: Connelly and Associates, Inc.	SHEET 1 OF 1
OWNER/CLIENT: Concordia Group	DRILLER: D. Pao	DATE STARTED: 11/19/07
PROJECT NUMBER: 27190 / GROUND SURFACE ELEVATION (ft): 95.9	DRILLING METHOD: 2.25" I.D. HSA	DATE COMPLETED: 11/19/07

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	MC (%)	SAMPLE TYPE	SPT BLOW COUNTS	RECOVERY (in)
			sandy SILT (ML), moist, brown		Split Spoon	1+1+2+2	10
94.4			FAT CLAY (CH), with sand, moist, tan brown, gray below 2.5 ft.		Split Spoon	4+6+8	16
	5				Split Spoon	8+6+9	14
					Split Spoon	5+7+10	16
	10	B					
					Split Spoon	4+6+9	16
	15						
77.4			sandy FAT CLAY (CH), with rock fragments, moist, brown, gray		Split Spoon	5+8+9	18
75.9	20		Bottom of Boring at 20.0 ft				

STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT)



GROUND WATER LEVELS:

ENCOUNTERED: None

UPON COMPLETION: Dry — CAVED: 9.5 ft — ELEV. 86.4

11/20/2007 Dry — CAVED: 8.0 ft — ELEV. 87.9

SAMPLE TYPES:

Split Spoon

REMARKS:

THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.

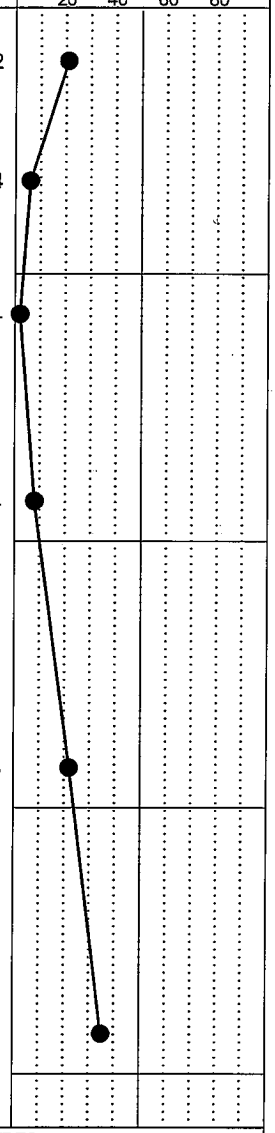
19955 Highland Vista Dr. #170
Ashburn, Va. 20147

703-726-8030
703-726-8032 fax

PROJECT:	LOGGED BY:	BORING NUMBER:
City Homes at Fort Lincoln	J. Zwickl	**B-3**
LOCATION:	DRILLING CONTRACTOR:	
Eastern Ave. and Fort Lincoln Dr., N.E., Washington, D.C.	Connelly and Associates, Inc.	SHEET 1 OF 1
OWNER/CLIENT:	DRILLER:	DATE STARTED:
Concordia Group	D. Pao	11/19/07
PROJECT NUMBER: / GROUND SURFACE ELEVATION (ft):	DRILLING METHOD:	DATE COMPLETED:
27190 / 102.9	2.25" I.D. HSA	11/19/07

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	MC (%)	SAMPLE TYPE	SPT BLOW COUNTS	RECOVERY (in)
101.9		A	sandy silt FILL, with concrete fragments, moist, brown		Split Spoon	4+8+13+12	12
		B	sandy SILT (ML), moist, brown		Split Spoon	3+3+3	14
97.9	5		sandy LEAN CLAY (CL), moist, brown		Split Spoon	2+1+1	14
94.4			FAT CLAY (CH), moist, brown, gray		Split Spoon	2+3+5	14
	10						
	15				Split Spoon	5+8+14	18
84.4			sandy LEAN CLAY (CL), moist, brown		Split Spoon	9+13+22	18
82.9	20		Bottom of Boring at 20.0 ft				

STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT)



GROUND WATER LEVELS:

ENCOUNTERED: None

UPON COMPLETION: Dry — CAVED: 9.0 ft ELEV. 93.9

11/20/2007 9.2 ft ELEV. 93.7 — CAVED: 9.9 ft ELEV. 93.0

SAMPLE TYPES:

Split Spoon

REMARKS:

THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.

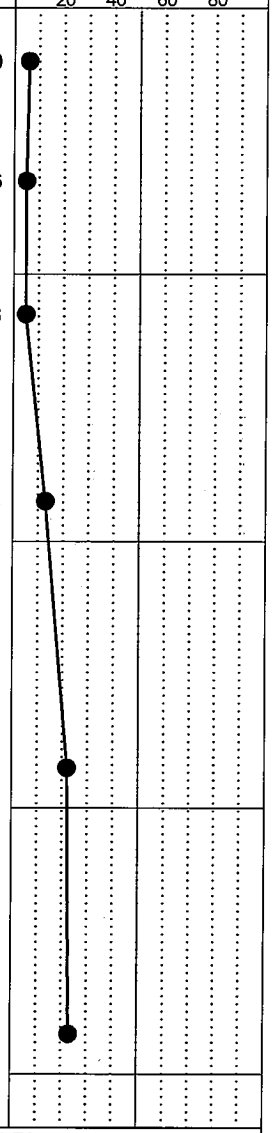
19955 Highland Vista Dr. #170
Ashburn, Va. 20147

703-726-8030
703-726-8032 fax

PROJECT:	LOGGED BY:	BORING NUMBER:
City Homes at Fort Lincoln	J. Zwickl	**B-4**
LOCATION:	DRILLING CONTRACTOR:	
Eastern Ave. and Fort Lincoln Dr., N.E., Washington, D.C.	Connelly and Associates, Inc.	SHEET 1 OF 1
OWNER/CLIENT:	DRILLER:	DATE STARTED:
Concordia Group	D. Pao	11/19/07
PROJECT NUMBER: / GROUND SURFACE ELEVATION (ft):	DRILLING METHOD:	DATE COMPLETED:
27190 / 114.0	2.25" I.D. HSA	11/19/07

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	MC (%)	SAMPLE TYPE	SPT BLOW COUNTS	RECOVERY (in)
			SILT (ML), moist, brown with sand below 1.5 ft.		Split Spoon	1+3+3+5	10
111.5			sandy LEAN CLAY (CL), moist, brown		Split Spoon	3+2+3	16
109.0	5		LEAN CLAY (CL), with sand, moist, brown		Split Spoon	2+2+3	18
105.5			FAT CLAY (CH), moist, brown, red		Split Spoon	3+5+8	14
	10	B			Split Spoon	5+10+12	18
	15				Split Spoon	7+10+13	16
94.0	20		Bottom of Boring at 20.0 ft				

STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT): 20 40 60 80



GROUND WATER LEVELS:

ENCOUNTERED: None

UPON COMPLETION: Dry — CAVED: 8.0 ft — ELEV. 106.0

▼ 11/20/2007 — 6.6 ft — ELEV. 107.4 — CAVED: 8.6 ft — ELEV. 105.4

SAMPLE TYPES: ☒ Split Spoon

REMARKS:

THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.

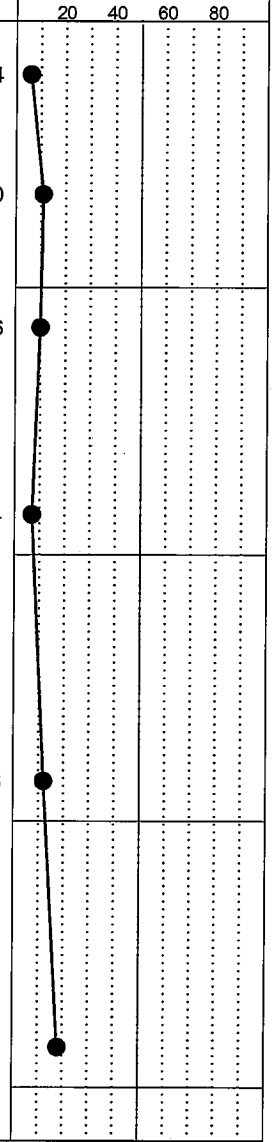
19955 Highland Vista Dr. #170
Ashburn, Va. 20147

703-726-8030
703-726-8032 fax

PROJECT: City Homes at Fort Lincoln	LOGGED BY: J. Zwickl	BORING NUMBER: **B-5**
LOCATION: Eastern Ave. and Fort Lincoln Dr., N.E., Washington, D.C.	DRILLING CONTRACTOR: Connelly and Associates, Inc.	SHEET 1 OF 1
OWNER/CLIENT: Concordia Group	DRILLER: D. Pao	DATE STARTED: 11/19/07
PROJECT NUMBER: 27190 / GROUND SURFACE ELEVATION (ft): 116.6	DRILLING METHOD: 2.25" I.D. HSA	DATE COMPLETED: 11/19/07

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	MC (%)	SAMPLE TYPE	SPT BLOW COUNTS	RECOVERY (in)
		A	sandy silt FILL, moist, brown		Split Spoon	2+2+4+6	14
114.1		B	SILT (ML), with sand, moist, brown, gray	15.8	Split Spoon	8+7+4	10
	5		brown below 5 ft.		Split Spoon	2+4+6	16
108.1			LEAN CLAY (CL), moist, brown, gray	22.5	Split Spoon	3+4+3	14
	10						
103.1			FAT CLAY (CH), with sand, moist, brown, gray		Split Spoon	4+5+7	16
	15						
			no sand, dark green below 18.5 ft.		Split Spoon	5+8+10	18
96.6	20		Bottom of Boring at 20.0 ft				

STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT)



GROUND WATER LEVELS:

ENCOUNTERED: None

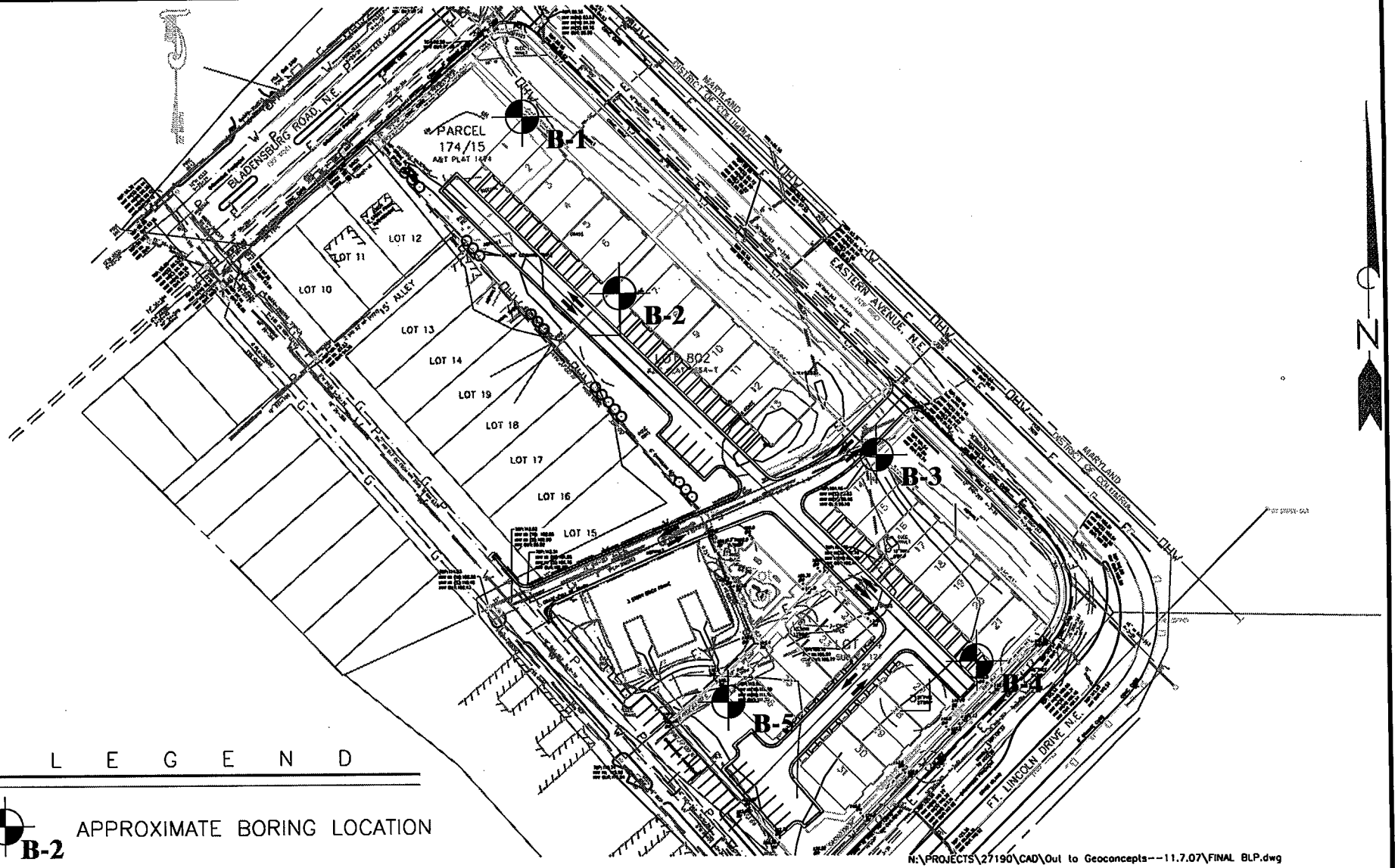
UPON COMPLETION: Dry — CAVED: 9.0 ft — ELEV. 107.6

11/20/2007 Dry — CAVED: 9.2 ft — ELEV. 107.4

SAMPLE TYPES: Split Spoon

REMARKS:

THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.



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L E G E N D

B-2 APPROXIMATE BORING LOCATION

GeoConcepts Engineering, Inc.

19955 Highland Vista Dr., Suite 170 (703) 726-8030
Ashburn, Virginia 20147 (703) 726-8032 fax

CITY HOMES AT FORT LINCOLN, FT. LINCOLN & EASTERN AVE., N.E., WASHINGTON, D.C.

BORING LOCATION PLAN		Scale: 1"= 120'	Fig. 2
Date: DECEMBER 2007	Checked By: T.W.L.	Project No.: 27190	

Appendix B
Contract No. 27190

Soil Laboratory Test Report

Summary of Soil Laboratory Test Results (1 page)

Summary of Soil Laboratory Test Results

Project: **City Homes at Fort Lincoln**

Contract No.: 27190

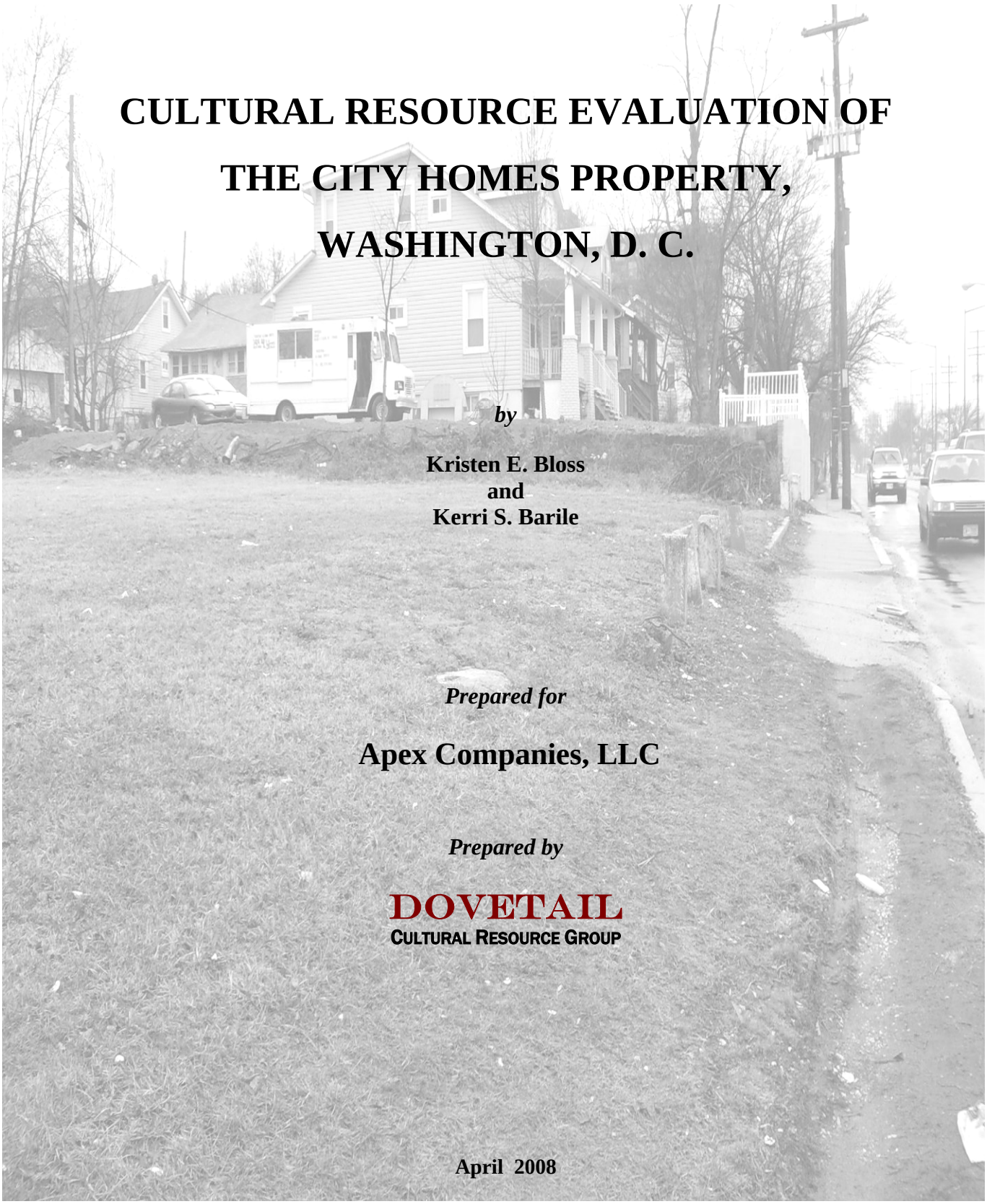
Boring	Depth (ft.)	Sample Type	Stratum	Description of Soil Specimen	Sieve Results		Atterberg Limits			Natural Moisture Content (%)	Remarks
					Percent Retained # 4 Sieve	Percent Passing # 200 Sieve	LL	PL	PI		
B-1	1.5'-2'	Jar	B	LEAN CLAY (CL)	0.0	91.0	37	22	15	16.4	
B-1	2.5'-4'	Jar	B	LEAN CLAY (CL), with sand	1.4	84.3	31	18	13	13.8	
B-1	8.5'-10'	Jar	B	LEAN CLAY (CL)	0.0	97.4	44	21	23	18.2	
B-5	2.5'-4'	Jar	B	SILT (ML), with sand	0.0	77.8	25	NP	NP	15.8	
B-5	8.5'-10'	Jar	B	LEAN CLAY (CL)	0.0	87.6	42	20	22	22.5	

Notes:

1. Soil tests are in accordance with applicable ASTM standards.
2. Soil classification symbols are in accordance with Unified Soil Classification System.
3. Visual identification of samples is in accordance with ASTM D-2488.
4. Key to abbreviations: LL= Liquid Limit; PL= Plastic Limit; PI= Plasticity Index; NP= Nonplastic; N/T = Not Tested

CULTURAL RESOURCES EVALUATION

(Dovetail Cultural Resources Group)



CULTURAL RESOURCE EVALUATION OF THE CITY HOMES PROPERTY, WASHINGTON, D. C.

by

Kristen E. Bloss
and
Kerri S. Barile

Prepared for

Apex Companies, LLC

Prepared by

DOVETAIL
CULTURAL RESOURCE GROUP

April 2008

Cultural Resource Evaluation of the City Homes Property, Washington, D. C.

by

Kristen E. Bloss
and
Kerri S. Barile

Prepared for

Apenx Companies, LLC
8809 Sudley Road, Suite 101
Manassas, Virginia 20110

Prepared by

Dovetail Cultural Resource Group
510 Kenmore Avenue
Fredericksburg, Virginia 22401

Dovetail Job #08-012

April 2008

ABSTRACT

On behalf of Apex Companies, LLC (Apex), Dovetail Cultural Resource Group (Dovetail) conducted a Phase 1A cultural resource evaluation of the City Homes property, located at the corner of Bladensburg Road NE and Eastern Avenue NE, Washington, D. C. in February 2008. The project area is located on the south side of Bladensburg Road NE, approximately 1.3 miles (2.1 km) southwest of the town of Bladensburg, Maryland. The survey included an examination of approximately 3.8 acres (1.5 hectares) through surface observation. The goals of the survey were to identify the potential for archaeological or architectural remains on the property and make recommendations on the need for any subsurface investigations.

Documents found during a brief map review of the project area show that the project area is located approximately 0.5 miles (0.8 km) northwest of historic Fort Lincoln, an important defensive position during the Civil War. The project area was also once part of a large reform school, however no buildings stood on the current project area. More recently, the project area was part of a park.

During the field survey, it was found that the majority of the project area is open fields that have been landscaped or heavily altered during the recent construction of roads and housing. The central portion of the project area is moderately wooded with young hardwood growth and moderate amounts of undergrowth, but the ground showed evidence of recent disturbances. No historic artifacts or features were noted on the surface, and it is recommended that the entire parcel has no to very low potential to contain intact archaeological sites. Although a collection of 1940s Bungalows are located just south of the project area, the homes are all in poor to moderate condition. Moreover, they are a style of home that is ubiquitous in this area of the district. Therefore, it is recommended that no additional cultural resource investigations are warranted.

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INTRODUCTION

Dovetail Cultural Resource Group (Dovetail) conducted a Phase IA cultural resource evaluation of the City Homes property at the corner of Bladensburg Road NE and Eastern Avenue NE, Washington, D. C. The project was completed at the request of Apex Companies, LLC (Apex). Apex is submitting a development application, thus necessitating compliance with guidelines set forth by the Washington D. C. Planning Department. The Phase 1A survey was completed as part of the application process.

The Phase 1A survey was completed to identify any potential archaeological or architectural remains located on the property and make recommendations on the need for additional work. The cultural resource survey was conducted on February 26, 2008. The work was conducted by Kerri S. Barile, Principal Investigator, and Kristen E. Bloss. Dr. Barile meets the standards established for archaeologist, architectural historian, and historian by the Secretary of the Interior.

PROJECT AREA DESCRIPTION

The project area is located in northeast Washington D. C. approximately 1.3 miles (2.1 km) southwest of the town of Bladensburg, Maryland (Figure 1, p. 2). The 3.8 acre (1.5 hectare) parcel is situated near the border of Washington D. C. and Maryland. The land is bounded by Bladensburg Road NE on the northwest, Eastern Avenue NE on the northeast, private property on the southwest, Fort Lincoln Drive NE on the southeast, and Pineview Road (35th Street NE) (Figure 2, p. 2). The northwest half of the parcel is bordered by Bungalow-style houses from Bladensburg Road NE through the wooded portion of the parcel. Southeast of the houses lies an apartment building, and southeast of that lies Pineview Road (35th Street NE).

The majority of the project area is open fields that have been landscaped or otherwise heavily altered. The central portion of the project area is wooded with young hardwood growth and moderate amounts of undergrowth. While landscaped and cut by a small drainage, the project area is predominantly flat.

The purpose of the current survey was to identify areas with the potential for intact subsurface deposits and located above-ground resources over 50 years of age within the project Area of Potential Effect. The project's APE for archaeology is defined as the entire proposed construction footprint, including any easements associated with the project. The APE for architecture is defined as all areas within the viewshed of the project area where alterations to the setting and feeling may occur

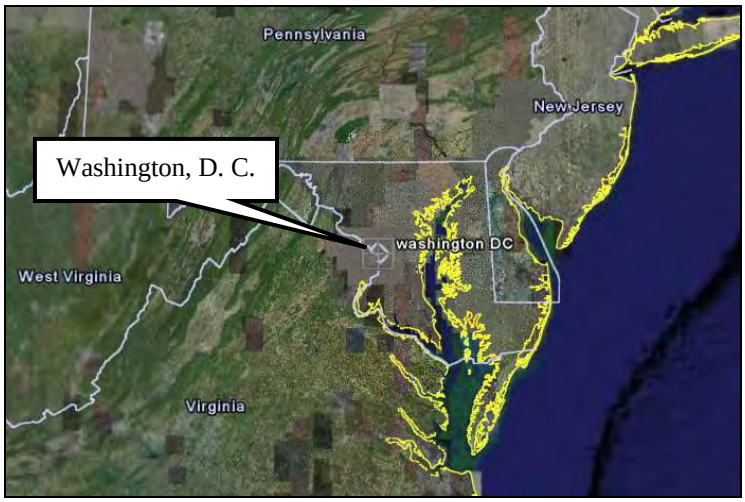

Figure 1: Map of Washington, D. C, Virginia, and Maryland.

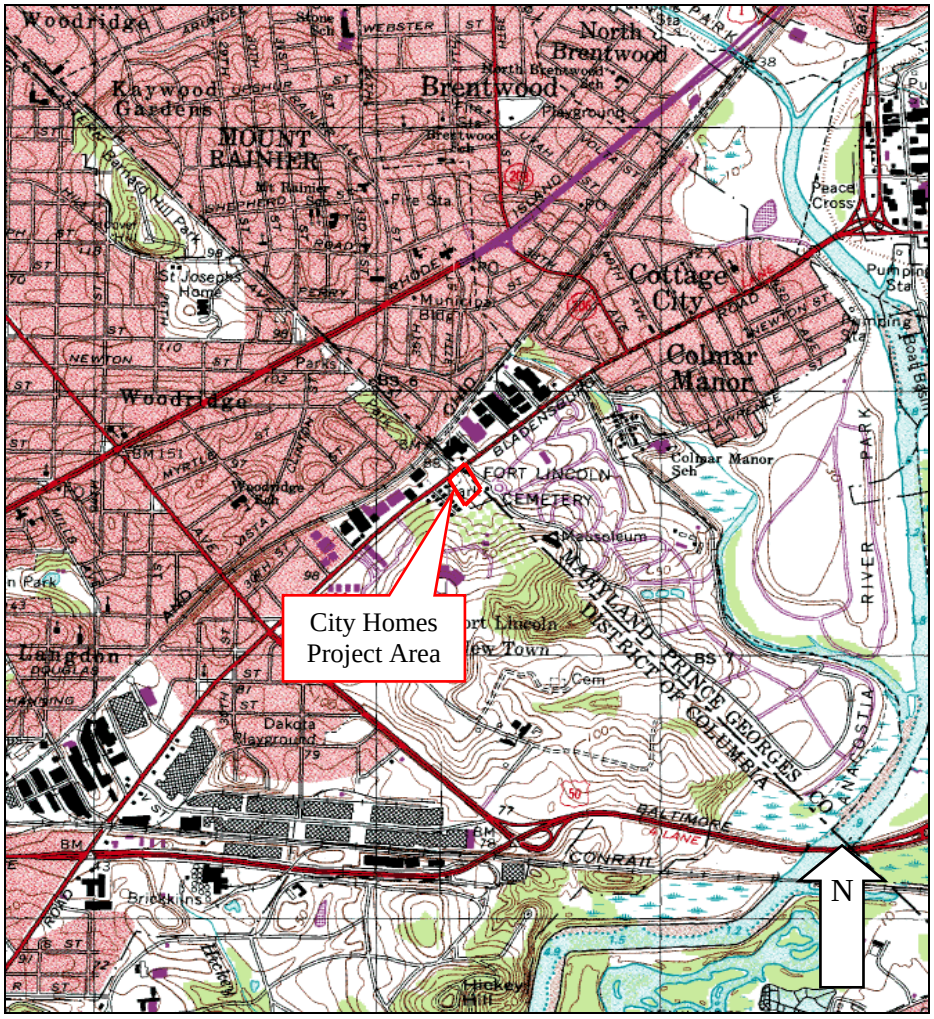

Figure 2: Location of the City Homes Property on a 7.5-Minute United States Geological Survey (USGS) Marshall Education Center, Washington East (DC, MD) Quadrangle (USGS 1990).

Geology

The District of Columbia encompasses 68.3 square miles (177 sq km) and borders the Commonwealth of Virginia to the south and southwest and Maryland to the north and northeast. The project area is located within the Coastal Plain physiographic region. The Coastal Plain is typified by a terraced landscape that steps down from the Appalachian Mountains to the west to the Atlantic Coast and its tributaries (College of William and Mary 2006). Much of the landscape was formed over several million years as sea levels adjusted to the cycle of growth and melting of large continental glaciers.

Soils

Soils within the project area comprise Christiana silt loam, Christiana-Urban land complex, and Sunnyside fine sandy loam (National Resource Conservation Service [NRCS] 2006). Christiana silt loam comprises nearly 90 percent of the project area. It is a moderately deep, well drained soil found at elevations of 150–350 feet (45.7–106.7 m). The northern half of the parcel has 0 to 8 percent slopes, while the southern half has 8 to 15 percent slopes. Christiana-Urban land complex is found in a small northwestern portion of the project area running adjacent with a row of houses. This soil type is moderately deep, well drained combination of the Christiana silt loam described above and Urban Land. Urban land soil is shallow and has 0 to 8 percent slope. Sunnyside fine sandy loam is found in a small corner of the project area where Fort Lincoln Drive NE turns into Eastern Avenue NE. This soil is also moderately deep, well drained, and found at 0 to 8 percent slope (NRCS 2006).

HISTORIC CONTEXT

Prehistoric Periods

The prehistoric cultural sequence within the District of Columbia parallels that of the other areas of the Middle Atlantic Region. It is generally divided into three periods, Paleoindian (13,000–10,000 B.P.), Archaic (10,000–3200 B.P.) and Woodland (3200–400 B.P.). These periods are often divided into Early, Middle and Late periods. While this sequence represents a cultural continuum, archaeologists have noted that periods of adaptational stability are punctuated by periods of rapid change that do not necessarily correlate with the traditional cultural periods (Custer 1984; Smith 1986).

Prehistoric sites of all periods have been located within the District of Columbia. A number of sites have been located in the vicinity of the National Arboretum along the banks of the Anacostia River (Chase et al. 1988). One prehistoric site, identified as a prehistoric village site of the Necochtanke (Nacostin) Indians, is recorded on the Arboretum property near Hickey Hill (51NE12). A large number of these community sites have been identified on the east side of the river (Humphrey and Chambers 1977). This relative lack of sites may be due in part to the difference in topographic conditions on either side of the Anacostia. The broad alluvial terraces of the east side provide attractive village sites. The west side has a narrow band of floodplain, probably mostly a marsh in prehistoric times, cut off by steep bluffs, leaving few locations conducive to village occupation (Giedel 1993).

Paleoindian Period (13,000–10,000 B.P.)

The Native American occupation of the eastern portion of North America dates to approximately 13,000 to 10,000 B.P. The Paleoindian settlement-subsistence pattern revolved around hunting and foraging in small nomadic bands. These bands focused on hunting caribou, elk, deer, and now extinct mega-fauna (Goodyear et al. 1979; Meltzer 1988; Smith 1986). Evidence for this occupation is manifest in fluted projectile points used for hunting. Fluted points are rare and often identified as isolated occurrences. While these discoveries are infrequent, the eastern half of the United States has some of the highest concentrations of these finds. Almost 1,000 known fluted projectile points have been discovered in Virginia (Anderson and Faught 1998). While the fluted Clovis and Folsom projectile points are the best known of the Paleoindian point types, others include Hardaway-Dalton and Hardaway Side-Notched (Barber and Barfield 1989). Paleoindian stone tools are usually made from high quality cryptocrystalline lithic material. The Paleoindian tool kit included scrapers, gravers, unifacial tools, wedges, hammerstones, abraders, and other tools used for chopping and smashing (Gardner 1989).

Archaic Period (10,000–3200 B.P.)

The Archaic Period is generally divided into three phases, Early (10,000–8800 B.P.), Middle (8800–5500 B.P.), and Late (5500–3200 B.P.). There does not appear to be a dramatic change in the tool kits of the Early Archaic and their Paleoindian predecessors. Actually, their settlement and subsistence patterns appear to be very similar (Anderson et al. 1996; Cable 1996). The transition into the Archaic Period is marked by an increase in site size and artifact quantity, as well as an increase in the number of sites (Egloff and McAvoy 1990). Diagnostic artifacts of the Early Archaic Period include the Kirk Corner-Notched and Palmer Corner-Notched projectile points (Coe 1964; Custer 1990). In addition, some bifurcated stem points such as St. Albans and LeCroy appear to be associated with the increased use of hafted endscapers (Coe 1964). The Early Archaic also marks the first appearance of ground stone tools such as axes, celts, adzes and grinding stones. At the close of this period, we see a shift to an increased reliance on a wider range of lithic resources.

While there appears to be a relatively high degree of cultural continuity between the Early and Middle Archaic Periods, sites dating to the Middle Archaic Period are more numerous suggesting an increase in population, and sites appear to be occupied for longer periods of time. The Middle Archaic Period coincides with a relatively warm and dry period that may have resulted in widespread population movements (Delcourt and Delcourt 1987; Stoltman and Baerreis 1983). Mouer (1991:10) sees the primary cultural attributes of the Middle Archaic as "small-group band organization, impermanent settlement systems, infrequent aggregation phases, and low levels of regional or areal integration and interaction." Projectile points diagnostic of the Middle Archaic Period include Stanley Stemmed, Morrow Mountain Stemmed, Guilford Lanceolate, and Halifax Side-Notched.

The Late Archaic Period is often seen as the culmination of trends that began during the Early and Middle Archaic (Dent 1995:178). Dent (1995:178) suggests that the Late Archaic is "a time that contains both the ends of one way of life and the beginnings of a significant redirection." The artifact assemblage is dominated by bifacial tools; however, expedient flake scrapers, drills, perforators and utilized flakes are characteristic of these assemblages. Groundstone tools, including adzes, celts, gourges and axes are seen during this period, with the grooved axe making its first appearance during the Late Archaic (Dent 1995:181–182). Diagnostic projectile points of the narrow blade tradition, often viewed as the early portion of the Late Archaic Period, include the Vernon, Bare Island/Lackawaxen, Clagett, and Holmes (Dent 1995; Mouer 1991).

The period of time from approximately 4500 B.P. to 3200 B.P. is referred to as the Transitional Period by some (Mouer 1991), while others argue that due to the lack of pottery, it is more accurately classified as an extension of the Late Archaic (Dent 1995:180). By the early portion of this time period, glacial retreat had led to higher sea levels on the Atlantic seaboard. This allowed for the development of large estuaries and tidal wetlands that were conducive to the development of coastal resources such as fish and shellfish. Sites dating to this time period are often located in areas where populations

can exploit these types of resources, such as river valleys, the lower portion of the coastal plain tributaries of major rivers, and near swamps. This has lead archaeologists to postulate that fish began to play a larger role in the subsistence system. Platform hearths seen during this period are interpreted as being associated with fish processing (Dent 1995:185). The first definitive evidence of shellfish exploitation is seen during this period on the lower reaches of the Potomac (Potter 1982).

Transitional Period sites tend to be larger than those of the Archaic Periods, likely reflecting an increase in population; however, there is still no evidence for year-round occupation. Dent (1995) argues that the larger sites may be misinterpreted as reflecting longer term occupation and may simply be sites that were revisited for short period on many occasions. Material culture associated with the Transitional Period includes steatite or soapstone vessels as well as the groundstone tools discussed above. Broad-blade points associated with the later portion of the Late Archaic or Transitional Period include the Savannah River, Susquehanna, Perkiomen, Dry Brook, and Orient Fishtail projectile points (Dent 1995; Mouer 1991).

Woodland Period (3200–400 B.P.)

The Woodland Period is divided into three phases, Early (3200 B.P.–2300 B.P.), Middle Woodland (2300–1100 B.P.), and Late (1100–400 B.P.). The introduction of pottery, agriculture, and a more sedentary lifestyle mark the emergence of the Woodland Period. The population surge that began in the Archaic continues in this period. The concurrent development of agriculture and pottery led early theorists to posit that they were linked; however, few still support this position. Alternatively, the evolution of technological and subsistence systems as well as various aspects of pan-Eastern interaction are currently believed to underlie the evolution of ceramic vessels (Egloff 1991).

Steatite-tempered Marcey Creek pottery, dating to the Early Woodland Period, are thought to be the earliest ceramic wares in Virginia's Piedmont. Marcey Creek wares, considered experimental, are typically shallow, slab built forms (Dent 1995; McLearen 1991). Another steatite-tempered ware, Selden Island, followed Marcey Creek and soon other temper types appear in the archaeological record (McLearen 1991). Approximately 1100 B.P., there is a shift from the earlier slab construction techniques to coil and conoidal or globular vessels. This shift is accompanied by the introduction of surface treatments such as cord marking and net impression (Dent 1995; McLearen 1991). Projectile points associated with the Early Woodland Period include Rossville Stemmed and possibly Piscataway Stemmed (Dent 1995).

The Middle Woodland is marked by the rise of certain sociocultural characteristics that include "interregional interaction spheres, including the spread of religious and ritual behaviors which appear in locally transformed ways; localized stylistic developments that sprung up independently alongside interregional styles increased sedentism and evidence of ranked societies or incipient ranked societies" (McLearen 1992:55). While there is a degree of commonality among Middle Woodland peoples, one of the striking characteristics of this period is the rise of regional trends, particularly in pottery. Coastal

Plain and Piedmont ceramic styles can be distinguished, as well as north–south differences that correspond to river drainages that drain into the Chesapeake Bay or Albemarle Sound. The diversity of surface treatments increase after 1500 B.P. and analysis of the regional pottery indicates that the Potomac, the Rappahannock, and Upper Dan were slightly different cultural subareas in the physiographic province of the Piedmont (Hantman and Klein 1992). The Middle Woodland Period also sees the introduction of the triangular or Levanna projectile point.

The Late Woodland Period is marked by an increased reliance on agriculture, attendant population growth, larger villages and increased sociocultural complexity (Turner 1992). Ceramic types of the Late Woodland Period in the Piedmont include the quartz-tempered Gaston Simple Stamped and sand/crushed rock-tempered Dan River pottery (Hantman and Klein 1992). The trend towards sedentary settlements continues throughout the Late Woodland Period. In the early portion of this period, settlements consist of small clusters of houses with little to no internal organization. However, by 300 B.P., larger villages are observed. Features associated with these villages include palisades, houses, hearths, storage pits, and burials (Hantman and Klein 1992). The smaller Madison triangular projectile point is generally associated with the Late Woodland Period.

Contact Period

The Contact and early historic period refer to the time period during which the native groups had their first contact with Europeans and European goods. Native adaptations to the changing social and political environment of the Piedmont are poorly understood. The Piedmont was occupied by several Siouan-speaking groups during the late prehistoric and Contact Periods (Mouer 1983). The material culture of the period is characterized by sand- and grit-tempered pottery decorated with simple stamped decorative motifs, often similar and likely derived from Late Woodland styles (Potter 1993). The introduction of European goods is a distinguishing characteristic of this period. Depopulation related to European born disease and changed trade dynamics are the two primary factors often cited in cultural changes during this period.

During the period of initial European intrusion, the District of Columbia was inhabited by the Canoy, a tribal confederacy of the Algonquin-speaking people of the north. There are thought to have been at least four Indian villages within the present city that date from the early seventeenth century, including one near the C&O Canal and MacArthur Boulevard and a large village called Nacochtanke on the east bank of the Anacostia River (Humphrey and Chambers 1977). The Nacotchtanke, a branch of the Piscataway, would have gathered and hunted on lands throughout the area. The Piscataway were the largest group of Algonquian speakers in southern Maryland, and they were the dominant group within the chiefdom that was called “Conoy” by their Iroquoian speaking enemies, the Five Nation Iroquois.

Historic Period

Settlement to Society

Prior to European arrival in the Potomac, the area was already home to a complex network of Algonquin settlements and chiefdoms. Early exploration of modern-day Washington D. C. area essentially begins with Captain John Smith's treks up the rivers of the Chesapeake Bay from 1607–1609 although previous endeavors into the Potomac River Valley has been documented. As European colonization gained a foothold in the New World, the profitable cultivation of tobacco encourages settlement throughout the area.

In 1630 King Charles I of England granted a charter for the exclusive right of the colony of Maryland to George Calvert (Geidel 1993). By 1633 St. Mary's City, Maryland was established as the first settlement with 150 colonists living on the new land. Because prior settlements, primarily in the southern Chesapeake Bay area, had already established tobacco as the main crop, the early Maryland colonist also adopted this agricultural venture (Chappelle et al. 1986). Even though the colonial assembly tried to promote some grain production, tobacco remained the primary crop and even served as a means of exchange until the time of the Revolutionary War (Giedel 1993).

By the turn of the eighteenth century a garrison had been established at the mouth of Rock Creek under the command of Colonel John Addison. Ninian Beall, commander of the Potomac troop of Rangers, received a land grant of 765 acres (309.6 hectares) on the west side of Rock Creek. Later, surveyed and patented land grants would delineate the boundaries of the District of Columbia.

Early National Period

By the time of the Revolutionary War the soon-to-be Washington D.C. was encompassed by large plantations. The presence of these large plantations drew tenant farmers and independent farmers to the region who made their living selling their crops to the already working larger plantations. The growing number of large and small farms established at this time drew artisans, craftsmen, mechanics, and laborers to the area. In 1790, the Residence Bill established an area along the Potomac River to be the nation's capital. This federal district was originally termed the Territory of Columbia and the federal city was called the City of Washington. The name was changed to the District of Columbia in 1793.

A temporary battery known at Barney's Battery was constructed in the city during the War of 1812. This defense consisted of five dismounted Naval guns used to oppose the British on August 24, 1814 during the Battle of Bladensburg (Young 1968). This battery was located on a ridge extending east from Bladensburg Road to a point north at the location where the National Training School for Boys once stood, just south of the current project area (Young 1968:4).

On August 25, 1814 the British neared Washington. They made their way down Constitution Avenue bearing a flag of truce and demanding surrender (Pitch 1998:99). It is reported that the flag of truce was fired upon from a residence and immediately British troops rushed to the home and burned it to the ground. The British continued their rampage by burning and destroying every building connected to the government (Pitch 1998:101). They remained in Washington for two nights while the city laid smoldering. After the war Washington began its reconstruction process, which was finally completed by 1819.

Civil War

> Washington itself was riding the crest of the wave thrown up by the boom, its ante-bellum population of 60,000 having nearly quadrupled under the pressure from the throng of men and women rushing in to fill the partial vacuum created by the departure of the Southerners who formerly had set the social tone (Foote 1963:152)

In 1861 Fort Lincoln (located just south of the current project area) was already constructed and served to protect the Baltimore turn-pike, the B & O Railroad, and many auxiliary roads which lead into Washington (Young 1968:4) (Figure 3). Fort Lincoln was supplied with four 24 pound siege guns, two 24 pound howitzers in embrasure, four 12 pound field pieces, and eight 6 pound field pieces (Mahan 1860:136). By 1862 a considerable defense system was in place in Washington D.C. At the time, the nation's capital was less than sixty years old and was about to witness yet another round of devastation. Still under construction, the city served as the National Union Headquarters; because of its political significance, the northern states poured troops south to protect it. It did not take long for Washington to become a military camp housing thousands of men and the site of an impressive supply depot.

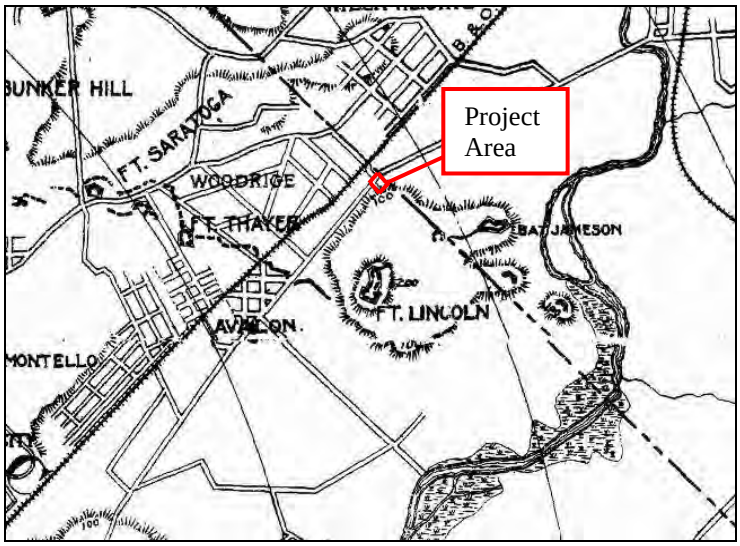

Figure 3: Map of Fort Lincoln (National Oceanic and Atmospheric Administration [NOAA] 1892).

The city itself was encompassed by strong fortresses and entrenchments, complete with huge artillery pieces weighing up to twenty-five tons (Konstam 2003). One of these fortifications, Fort Stevens, was the target of the only serious Confederate move against the Capital. In 1864 General Jubal Early staged an attack on July 11 but was held off. It was during this battle that President Lincoln witnessed rifle fire during his visit to the battle field (CWSAC 1997).

By the end of the war Washington had 68 enclosed forts and batteries, 93 unarmed batteries, three blockhouses, and 20 miles of trenches connecting the main defense works. In addition there were emplacements for 1,501 guns of which 900 were in place (Konstam 2003). This was a very impressive defense system for the time. Without these fortifications Washington may have not survived.

Reconstruction

Throughout the Civil War, Washington had served as a staging ground for raiders and troops by both sides of the conflict. This depleted much of the areas resources, and by 1870, the city was described as "the ugliest city in the whole country" by one senator (Fogle 1991). Overrun by beggars and animals wandering through the streets, Congress gave serious consideration to relocating the nation's capitol. In 1870, in an attempt to keep Washington as the capitol city, a group of citizens petitioned Congress to initiate a city government. In 1871, the District Territorial Act was passed creating a council of 22 elected members, a governor, and a board of public works (Fogle 1991).

In the late 1880s, Washington saw a tremendous construction and rebuilding boom. In 1888, the construction of a new State, War, and Navy building was completed near the White House and was, at the time, the world's largest office building (Fogle 1991). New schools, markets, hotels, and office building were erected, followed swiftly by new neighborhoods. Roads and a trolley system extended suburban growth to Maryland and northern Virginia.

The Twentieth Century

The twentieth century, particularly the first half, saw an explosion of economic, social, and cultural development. Museums, concert halls, and parks sprung up throughout the city to accommodate the dramatic population influx. The Smithsonian Institution, the Freer Gallery, the National Gallery, Constitution Hall, the Belasco Theater, and the National Theater were among the numerous buildings constructed at this time.

With America's entry into World War I, new government agencies were established furthering economic development and construction in the city. World War II cemented Washington as the "command center" of the country (Fogle 1991). During this time, the city was once again fortified—the first time since the Civil War. In the decades following the two world wars, Washington thrived and continued its development as a modern city. The security and growth of government institutions and jobs allowed continued growth and expansion of the city's population. Infrastructure continued to

grow with the construction of major highways and the Metrorail system, which broke ground in December 1969 (Washington Metropolitan Area Transit Authority 2008).

Beginning in the mid-1950s, Washington became a forerunner in urban renewal. Many of the older and/or dilapidated buildings in Washington were bulldozed in order to make way for new buildings and complexes. While this renewal was seen throughout the city, much of the work was concentrated in southeast Washington.

PROJECT METHODOLOGY

The goals of the survey were to identify any previously recorded historic properties within the project area, conduct a brief historic map review of the parcel, and locate areas with the potential to contain cultural resources. The survey methodology employed to meet these goals was chosen with regard to the project's scope (i.e., the project's potential to affect significant resources, should they be present), local field conditions, and requirements set forth by the Washington D. C. Planning Department on cultural resource investigations. Based on the environmental setting, the project area was judged to have low potential for prehistoric resources and high potential for historic resources.

Dovetail conducted a background literature and records review of the project area at the Washington D. C. Office of Planning (DCOP), including an investigation of records on previous cultural resource investigations and previously recorded archaeological sites and architectural properties within a one-mile radius (1.6 km) of the project area. The purpose of this work was to attain information to complete a context of the property and surrounding area.

Following this research, a historic map review was conducted to look for evidence of previous occupation of the property. During the review, Dovetail examined map collections held by the Library of Congress and the National Park Service. Other archival records investigated during the review were Civil War records and maps.

The documents attained during the review were then used during a field inspection of the property. The field survey consisted of Dovetail archaeologists examining the entire 3.8 acre (1.5 hectare) project area. The entire parcel was inspected through a pedestrian survey. Field notes were taken to record the current condition of the property, and color digital photographs were captured for visual documentation of the features. No subsurface investigations were conducted during this work.

BACKGROUND RESEARCH

Prior to conducting fieldwork, the potential of the project area to contain significant archaeological resources and NRHP-eligible architectural properties was assessed by searching the DCOP site file maps and records, as well as examining the Civil War Sites Advisory Commission (CWSAC) maps for the area. The CWSAC maps showed that there is one recorded Civil War battle site and three forts within the general vicinity of the project area. Early's Raid and Operations against the B&O Railroad took place on July 11–12, 1864 and is located approximately 4.3 miles (6.9 km) northwest of the current project area (CWSAC 1997). On July 11, Lt. General Jubal A. Early's Confederate troops sent skirmishers to test Forts Stevens and DeRussey. These fortifications were not heavily armed at the time. Overnight, however, veteran units from the Union VI Corps were sent to bolster defenses. On July 12, Early made a strong advance on these forts hoping to eventually take the Union Capitol. President Lincoln watched the battle from Fort Stevens and came under fire from Confederate sharpshooters. The veteran Union troops quickly drove back Early's troops, and he was forced to retreat to White's Ford that night (CWSAC 1997).

The background research revealed that there are three previously-recorded architectural properties and six previously-recorded archaeological sites within one mile (1.6 km) of the project area (Table 1, p. 16). All six previously-recorded archaeological sites are prehistoric camp sites dating to an unknown period of occupation (Thunderbird 2002).

The architectural resources include the Boundary Stones of D. C., Fort Lincoln, and the National Arboretum. The Boundary Stones of Washington D. C. were the first monuments erected by the United States government. In 1792, Major Andrew Ellicott, principle surveyor of the city, placed twenty-six stones along the D. C./Maryland border. Twenty-three still stand today, two of which are within one mile (1.6 km) of the project area.

Fort Lincoln, located just south of the current project area, was constructed by 1861 and served to protect the Baltimore turn-pike, the B&O Railroad, and many auxiliary roads that lead into Washington (Young 1968:4). Fort Lincoln was supplied with four 24 pound siege guns, two 24 pound howitzers in embrasure, four 12 pound field pieces, and eight 6 pound field pieces (Mahan 1860:136). A previous archaeological investigation of Fort Lincoln and the surrounding area found that nearly all of the fort was destroyed during the construction of the National Training School (Young 1968). The National Training School has been destroyed in the time since Young's archaeological investigation.

The National Arboretum, a 400 acre (161.9 hectare) center for research, education, and plant propagation, was established by Congress in 1927. One of the nation's largest urban arboretum's, it is home to numerous gardens, groves, collections, and plantings of both native and non-native trees, shrubs, and perennials.

Table 1: Previously Identified Cultural Resource Sites
Within a 1-Mile Radius of the Project Area

Property No.	Site Type	Temporal Period	Description/Artifacts
71	Historic	1792	Boundary Stones of Washington D. C.
96i	Historic	c. 1861	Fort Lincoln
212	Historic	1927	National Arboretum
51NE001	Prehistoric	unknown	lithic debris
51NE004	Prehistoric	unknown	lithic debris
51NE005	Prehistoric	unknown	lithic debris
51NE006	Prehistoric	unknown	lithic debris
51NE012	Prehistoric	unknown	lithic debris
51NE017	Prehistoric	unknown	lithic debris