

Technical Memorandum Update

Appendix 7 Phase I Environmental Site Assessment Hazardous and Contaminated Materials

1. INTRODUCTION

Since the completion of the Phase I Environmental Site Assessment Technical Memorandum in October 2006 (see Appendix 7 of the 2007 Approved Documented CE on attached CD), the proposed transit corridor has been modified along Segment E. Whereas the previous two-way transit alignment followed Clark and Bell Streets, the modified alignment is a one-way pair with southbound service along Clark and Bell Streets and northbound service along Crystal Drive between 26th Street and 15th Street. Note that the project alignment for the entire corridor is shown in Figure 1: Modified Alignment and CCPY Improvements (Appendix 1 of the current CE Update). Attachment Part A of the Documented CE Update document is a detailed description of the transit alignment in each segment.

This Phase I ESA update was completed to identify potential hazardous sites in the vicinity of the proposed modifications to the transit alignment.

1.1. Study Area Description

For the purpose of this Technical Memorandum update, the study area for the assessment of hazardous and contaminated materials is defined as 100 feet on either side of the planned modified Segment E alignment and/or sites immediately adjacent to the planned alignment. Although sites located outside the 100 feet study area can impact any alternative, this study area was chosen to include potential sites within or immediately adjacent to the planned alignment due to the relatively limited construction foreseen for the project. For the purposes of this Phase I ESA, the only construction activities assumed to have invasive or subsurface work would include the installation/upgrading of station stops. All other project work is assumed to be completed at grade.

1.2. Current Use of Adjoining Properties

Conditions along the modified Segment E corridor are very urban with a mix of commercial and residential land uses. Most of the corridor has been disturbed over the years to make way for the various developments that exist. Only minor natural environment areas exist within the subject study area. Development projects in the area include new residential buildings in Pentagon City and Crystal City.

East of the modified Segment E is the CSX rail right-of-way, the George Washington Memorial Parkway and the Ronald Reagan Washington National Airport. West of the modified Segment E is Jefferson Davis Highway (US Route 1), commercial high-rise office buildings, and residential development. To the north is the Pentagon City area, made up of high density commercial and residential land uses, and to the south is the "Potomac Yard" area, occupied by mixed-use development, parts of which are still under construction.

2. METHODOLOGY

The study approach used and tasks accomplished as part of this investigation included:

- A review of past project reports and findings including the Crystal City/Potomac Yard Corridor Interim Transit Improvements Project Technical Memorandum: Environmental Scan dated November 2005;

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- A review of the October 2006 “Crystal City/Potomac Yards Corridor Transit Improvements Project” Categorical Exclusion, including Appendix 7: Phase I ESA Technical Memorandum;
- A review of Federal, State, and local on-line database records for contaminated sites and sites containing hazardous substances; and
- A site survey within the study area, focusing on contaminated sites, potentially contaminated sites, and readily identifiable Recognized Environmental Conditions (RECs), where applicable.

2.1. Records Review

The current and past regulatory statuses of the subject property and nearby properties were determined by a review of numerous regulatory databases maintained by the United States Environmental Protection Agency (USEPA) and the Virginia Department of Environmental Quality (VDEQ). Environmental agency records were searched for an area up to two miles from the center of the alignment in general accordance with ASTM E1527-05.

Sites identified in this initial search were screened to include only those sites located within 100 feet and proximate to the planned alignment. Although sites further than 100 feet from the alignment could impact construction activities, the selected study area was chosen due to the limited foreseen construction associated with the CCPY transit improvements. Search results are presented in Attachment A.

2.2. User Provided Information

WMATA, the City of Alexandria, and Arlington County provided information related to the planned transit improvements and current site operations in place in the project corridor during the initial Phase I ESA conducted in October 2006.

2.3. On-Line Databases

Federal, State, and local on-line publications were reviewed in order to confirm the accuracy of information provided by the comprehensive database search and to provide supplemental and updated data where applicable. The following databases were used for those sites present at and immediately adjacent to the planned alignment. Summaries of the available on-line databases are presented in Attachment B.

Federal Databases:

- NPL National Priority List
- Proposed NPL Proposed National Priority List
- CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System
- CERC-NFRAP CERCLIS No Further Action Planned
- CORRACTS Corrective Action Report
- RCRIS-LQG Resource Conservation and Recovery Information System Large Quantity Generators
- RCRIS-SQG Resource Conservation and Recovery Information System Small Quantity Generators
- ERNS Emergency Response Notification System for reported releases of oil and hazardous substances

Federal Supplemental Databases:

- CONSENT Superfund (CERCLA) Consent Decrees
- ROD Records of Decisions
- Delisted NPL National Priority List Deletions
- FINDS Facility Index System/Facility Identification Initiative Program Summary

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	Report
• HMIRS	Hazardous Materials Information Reporting System
• MLTS	Material Licensing Tracking System
• MINES	Mines Master Index File
• NPL Liens	Federal Superfund Liens
• PADS	PCB Activity Database System
• RAATS	RCRA Administrative Action Tracking System
• TRIS	Toxic Chemical Release Inventory System
• TSCA	Toxic Substances Control Act
• FTTS	FIFRA/TSCA Tracking System – FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act)/TSCA (Toxic Substances Control Act)

State Databases:

- VDEQ Reported Releases
- VDEQ Registered Tanks
- VDEQ Volunteer Remediation Cleanup Sites (Completed and Planned)
- VDEQ Solid Waste Facilities

2.4. Site Surveys

Site surveys were performed to verify the findings from the database search, obtain additional information, and to identify other RECs within the study area.

The findings of the site surveys were limited to readily observable conditions within the areas of the subject property, which is an exterior public roadway. The surveys focused on applicable non-residential sites and on sites detailed in the databases, publications, and historical documentation. Typically, properties that are industrial, warehousing, and/or manufacturing related are more likely to present a greater environmental concern than residential properties.

The exteriors of adjacent sites along the modified Segment E corridor were visually inspected, where appropriate, for the presence of potential RECs (e.g., storage tanks, drums, stained soil, stressed vegetation, waste piles, monitoring wells, etc.) as observable from public rights-of-way. This Phase I ESA did not include intrusive or subsurface testing or sampling or interior inspections of adjacent property buildings. Following is a detailed account of observations made.

- Hazardous materials and petroleum products use/storage: No evidence of hazardous material storage along the exterior road portions of the subject property was observed. Interiors of adjacent structures along the modified Segment E were not inspected.
- Hazardous/Solid waste: Minor amounts of solid waste were observed along the roadway included within the modified Segment E corridor, obviously due to driver or pedestrian use. Public trash receptacles were observed on the exterior of some adjacent buildings. No areas of obvious hazardous waste storage or generation were observed.
- Underground storage tanks (USTs), aboveground storage tanks (ASTs): No evidence of USTs or ASTs in use was observed along the subject corridor. Other ESA resources, including the EDR database report and VDEQ databases did not identify USTs or ASTs in association with the subject corridor. As noted in Table 3-2, some adjacent properties were listed as owners or operators of former USTs and ASTs.
- Polychlorinated biphenyls (PCBs): For informational purposes, PCB-containing dielectric fluids have been widely used as coolants and lubricants in transformers, capacitors, and other electric equipment due to their insulating and nonflammable properties.

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- Transformers: Pad-mounted transformers are located on adjacent properties to the subject corridor, and were observed in association with adjacent buildings. No evidence of transformers along the subject corridor was observed.
- Fluorescent light ballasts: Public lighting including light poles and street lamps were observed along the subject corridor and it is possible that PCB-containing fluorescent light ballasts are present within these features. An inspection of individual light ballasts was not conducted. Inspections of adjacent buildings to determine fluorescent light use was not conducted.
- Hydraulic equipment: No permanent hydraulic equipment was observed on the subject property, although it is possible that machinery and vehicles with hydraulic components have been driven or parked along the subject corridor in the past. No inspections of adjacent buildings to determine hydraulic equipment use on adjacent properties were conducted.
- Potable water and wastewater: The subject property is an exterior public roadway. Fire hydrants and evidence of public water systems were evident during site reconnaissance.
- Stormwater: Stormwater drainage features including storm drains and catch basins were observed along the subject property.
- Surface staining/Stressed vegetation/Debris: Minor amounts of surface staining were observed in association with the subject property due to the driving and parking of vehicles. No areas of staining indicating a prolonged or large release were noted, and asphalt pavement appeared in good condition, with no obvious preferential pathways to the subsurface.

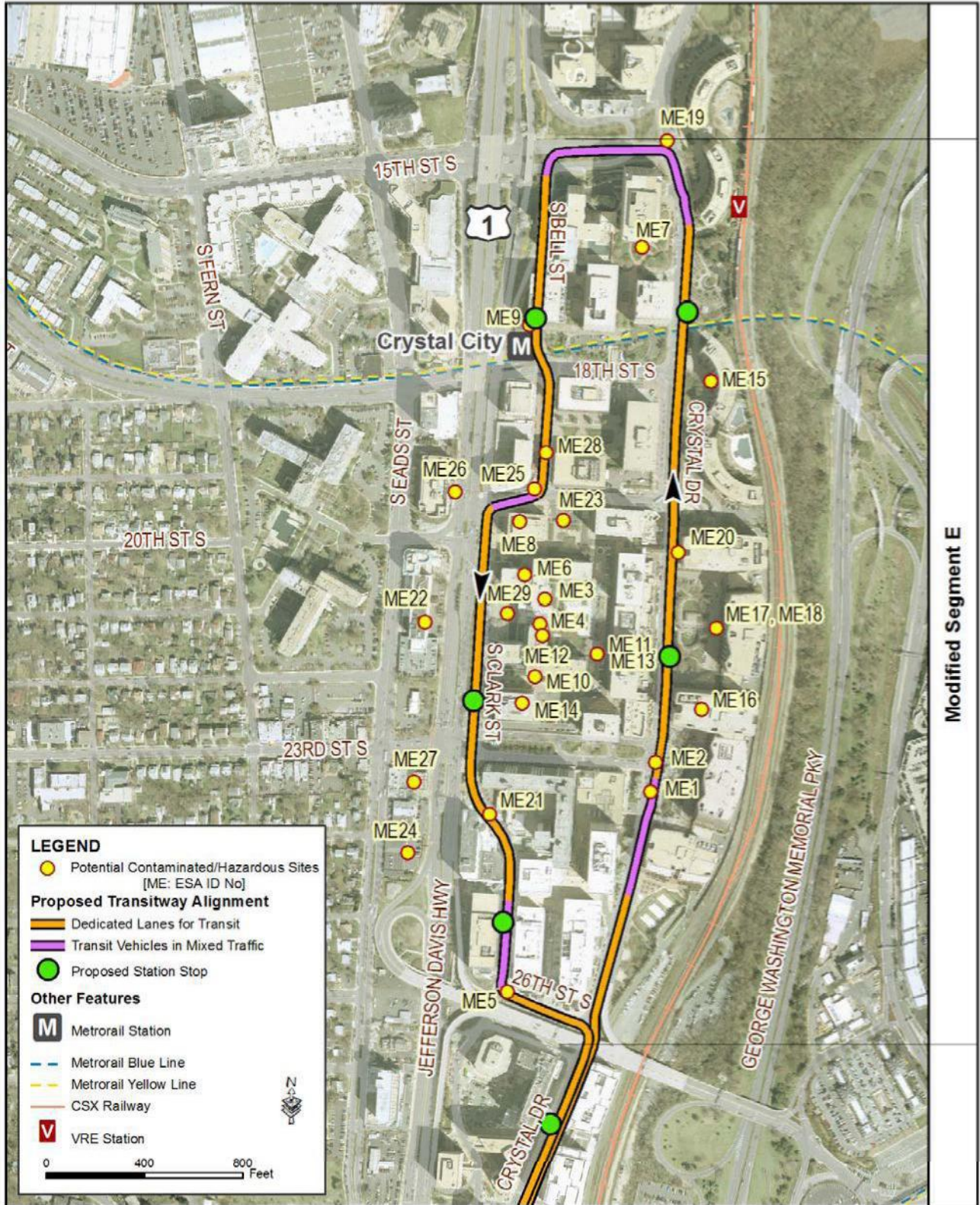
3. FINDINGS

Seventy-two sites with past or present RECs were identified along the planned alignment within all the segments as part of the Phase I ESA completed in October 2006. Of the 72 sites, 13 sites were in Segment E and 25 in Segment F.

A study of modified Segment E with sites within 100 feet on either side of the modified transit alignment identified 28 sites. These are illustrated on Figure 3-1 and summarized in Table 3-1.

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Figure 3-1: Sites with Past or Present Recognized Environmental Conditions (REC)



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4. CONCLUSION

The subject corridor is an exterior public roadway under review for the location of a transit system. By design, this type of subject corridor generally provides for less intrusive construction activities by utilizing the existing roadways and infrastructure. The primary impacts expected along the modified Segment E, a street-running system, would be associated with the construction at the proposed station stops where new shelters, platforms, and/or other structures will be constructed. Currently, no new roadways are slated for construction in the area of the modified Segment E.

Based on the above assumption, a thorough review identified some contamination/hazardous sites in the vicinity of the station stops present along the modified Segment E corridor. It does not appear that areas of potential disturbance (station stops) should be evaluated or monitored as part of a Phase II ESA during design and construction, and there is only minor potential for impacts from contaminated or hazardous materials.

Attachments:

Attachment A: Executive Summary - EDR Regulatory Database Report

Attachment B: Online Regulatory Database Summaries; VDEQ and USEPA

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Appendix 7 | Attachment A
Executive Summary - EDR Regulatory Database Report

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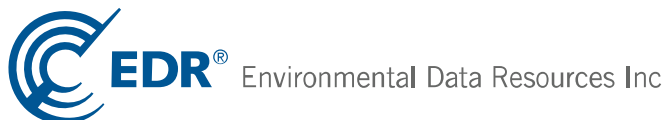
WMATA Crystal City

Crystal Dr Clark St
Arlington, VA 22202

Inquiry Number: 2707990.1s

February 25, 2010

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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 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

CRYSTAL DR CLARK ST
ARLINGTON, VA 22202

COORDINATES

Latitude (North): 38.856100 - 38° 51' 22.0"
Longitude (West): 77.051900 - 77° 3' 6.8"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 321950.3
UTM Y (Meters): 4302601.0
Elevation: 50 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38077-G1 ALEXANDRIA, VA
Most Recent Revision: 1994

North Map: 38077-H1 WASHINGTON WEST, DC
Most Recent Revision: 1983

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

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Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

VA SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

DC SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

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

DC SWF/LF..... Solid Waste Facility Listing

State and tribal leaking storage tank lists

DC LUST..... District of Columbia LUST Cases

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

DC UST..... Underground Storage Tank Database List

DC AST..... List of Aboveground Storage Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

DC VCP..... Voluntary Cleanup Program Sites

State and tribal Brownfields sites

VA BROWNFIELDS..... Brownfields Site Specific Assessments

DC BROWNFIELDS..... Brownfields Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

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Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
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)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
VA ENF..... Enforcement Actions Data
VA NPDES..... Comprehensive Environmental Data System
VA AIRS..... Permitted Airs Facility List
VA TIER 2..... Tier 2 Information Listing
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
VA COAL ASH..... Coal Ash Disposal Sites
COAL ASH DOE..... Sleam-Electric Plan Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

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SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

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 06/30/2009 has revealed that there are 2 CERCLIS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DAVIS INDUSTRIES (ARLINGTON)</i>	<i>311 SIXTH STREET SOUTH</i>	<i>N 1/4 - 1/2 (0.311 mi.)</i>	<i>AB95</i>	<i>177</i>
<i>WASHINGTON NATIONAL AIRPORT</i>	<i>SOUTH END OF AIRPORT</i>	<i>ESE 1/4 - 1/2 (0.488 mi.)</i>	<i>AG115</i>	<i>198</i>

Federal CERCLIS NFRAP site List

CERC-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>US DEPT OF COMMERCE PATENT OFF</i>	<i>1232 SOUTH EADS STREET</i>	<i>NW 1/8 - 1/4 (0.247 mi.)</i>	<i>Y83</i>	<i>169</i>

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Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 01/13/2010 has revealed that there are 7 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRYSTAL CITY MARRIOTT	1999 JEFFERSON DAVIS HI	0 - 1/8 (0.000 mi.)	C10	22
CRYSTAL GATEWAY MARRIOTT	1700 JEFFERSON DAVIS HI	W 0 - 1/8 (0.087 mi.)	M51	95
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRYSTAL VALET	2184 CRYSTAL PLZ ARCADE	0 - 1/8 (0.000 mi.)	E13	26
ANALYSIS & TECHNOLOGY INC	2121 CRYSTAL DR	E 0 - 1/8 (0.002 mi.)	G23	45
CRYSTAL BRITE CLEANERS	2329 S EADS ST	W 0 - 1/8 (0.073 mi.)	L45	81
CITY CLEANERS	1425 SOUTH EADS ST	W 0 - 1/8 (0.124 mi.)	O59	111
KIRBY LITHOGRAPHICS CO INC	2900 SOUTH EADS ST	SSW 1/8 - 1/4 (0.231 mi.)	X82	168

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 01/13/2010 has revealed that there are 6 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STRATEGIC SYSTEMS PROGRAM	1931 JEFFERSON DAVIS HW	N 0 - 1/8 (0.030 mi.)	J33	57
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MC MULLEN ASSOCIATES INC, JOHN	2341 JEFFERSON DAVIS HW	W 0 - 1/8 (0.017 mi.)	H27	53
EXXON CO USA #22816	2300 JEFFERSON DAVIS HW	W 0 - 1/8 (0.038 mi.)	H36	60
V CLEANERS AND SHOE REPAIR	2711 JEFFERSON DAVIS HW	SSW 0 - 1/8 (0.081 mi.)	49	88
HYATT REGENCY CRYSTAL CITY	2799 JEFFERSON DAVIS HI	SSW 0 - 1/8 (0.116 mi.)	N54	100
CRYSTAL FABRIC CORP	562 S 23RD ST	W 1/8 - 1/4 (0.134 mi.)	Q61	118

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

VA SWF/LF: The Solid Waste Management Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Quality's Permitted Facilities list.

A review of the VA SWF/LF list, as provided by EDR, and dated 09/04/2009 has revealed that there is 1

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VA SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
US DEPARTMENT OF DEFENSE - PEN	425 OLD JEFFERSON DAVIS	NNE 1/4 - 1/2 (0.490 mi.)	AF118	200

State and tribal leaking storage tank lists

VA LUST: The Leaking Underground Storage Tank Database.

A review of the VA LUST list, as provided by EDR, and dated 05/18/2004 has revealed that there are 26 VA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PLAZA ASSOCIATES Facility Status: Closed	2001 JEFFERSON DAVIS HI	0 - 1/8 (0.000 mi.)	C8	19
HAMPTON SUITES SITE Facility Status: Closed	2000 JEFFERSON DAVIS HI	W 0 - 1/8 (0.019 mi.)	I29	55
CRYSTAL GATEWAY MARRIOT Facility Status: Closed Facility Status: Closed	1700 JEFFERSON DAVIS HI	W 0 - 1/8 (0.087 mi.)	M51	95

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRYSTAL PLAZA 5 Facility Status: Closed Facility Status: Open	2211 SOUTH CLARK PLACE	0 - 1/8 (0.000 mi.)	D12	25
CRYSTAL PLAZA 6 Facility Status: Closed	2221 JEFFERSON DAVIS HI	0 - 1/8 (0.001 mi.)	F20	41
CRYSTAL SQUARE 5 Facility Status: Closed	251 18TH ST S	W 0 - 1/8 (0.016 mi.)	F26	52
FORMER VALUE RENT-A-CAR Facility Status: Closed	2400 JEFFERSON DAVIS HI	W 0 - 1/8 (0.029 mi.)	K31	57
EXXON #2-2816 Facility Status: Closed	2300 JEFFERSON DAVIS HI	W 0 - 1/8 (0.038 mi.)	H35	59
HYATT REGENCY CRYSTAL CITY	2799 JEFFERSON DAVIS HI	SSW 0 - 1/8 (0.116 mi.)	N53	100
BUDGET RENTAL CAR Facility Status: Closed	1450 SOUTH EADES STREET	W 0 - 1/8 (0.120 mi.)	O55	102
ALAMO RENT-A-CAR Facility Status: Closed	2780 JEFFERSON DAVIS HI	SSW 1/8 - 1/4 (0.165 mi.)	T67	136
LCOR ARLINGTON II PROPERTY Facility Status: Closed	1331 SOUTH EADS STREET	NW 1/8 - 1/4 (0.190 mi.)	V73	157
COLUMBIA CENTER Facility Status: Closed	1211 SOUTH EADS STREET	NW 1/4 - 1/2 (0.260 mi.)	Y84	172
BUDGET RENT-A-CAR Facility Status: Closed	1200 EADS STREET	NW 1/4 - 1/2 (0.266 mi.)	Y87	174
RF&P FACILITY Facility Status: Closed	700 BALL STREET	N 1/4 - 1/2 (0.277 mi.)	Z89	175
CAFTRITZ WAREHOUSE Facility Status: Closed	1411 SOUTH FERN STREET	W 1/4 - 1/2 (0.285 mi.)	AA90	175

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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
READY MIX (FORMER) Facility Status: Closed	300 SOUTH 6TH STREET	NNE 1/4 - 1/2 (0.297 mi.)	AB93	176
DAVIS METAL SCRAPERS/RF&P (XRE) Facility Status: Closed	311 SOUTH 6TH STREET	N 1/4 - 1/2 (0.311 mi.)	AB97	181
DAVIS METAL SCRAPERS/RF&P (XRE) Facility Status: Closed	311 SOUTH 6TH STREET	N 1/4 - 1/2 (0.311 mi.)	AB99	182
400 ARMY NAVY DRIVE SITE Facility Status: Closed	400 ARMY NAVY DRIVE	NNW 1/4 - 1/2 (0.312 mi.)	100	182
VDOT - CRYSTAL CITY/FOUR MILE Facility Status: Closed Facility Status: Closed <i>*Additional key fields are available in the Map Findings section</i>	2910 JEFFERSON DAVIS HI	SSW 1/4 - 1/2 (0.332 mi.)	AC103	183
PENTAGON INDUSTRIAL COMPLEX Facility Status: Open	1201 SOUTH FERN STREET	WNW 1/4 - 1/2 (0.359 mi.)	AD106	189
AT&T BUILDING (FORMER) Facility Status: Closed	1201 SOUTH HAYES STREET	WNW 1/4 - 1/2 (0.419 mi.)	AE111	195
AT & T Facility Status: Closed	1201 SOUTH HAYES STREET	WNW 1/4 - 1/2 (0.419 mi.)	AE112	196
CARDINAL CONCRETE Facility Status: Closed	450 OLD JEFFERSON DAVIS	NNE 1/4 - 1/2 (0.480 mi.)	AF114	196
PENTAGON SEWAGE PUMP STATION Facility Status: Closed	425 OLD JEFFERSON DAVIS	NNE 1/4 - 1/2 (0.490 mi.)	AF122	225

VA LTANKS: The Leaking Tanks Database contains current Leaking petroleum tanks. The data comes from the Department of Environmental Quality.

A review of the VA LTANKS list, as provided by EDR, and dated 12/02/2009 has revealed that there are 36 VA LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRYSTAL PLAZA 1 Facility Status: Closed	2001 JEFFERSON DAVIS HW	0 - 1/8 (0.000 mi.)	C7	19
HAMPTON SUITES SITE Facility Status: Closed	2000 JEFFERSON DAVIS HW	W 0 - 1/8 (0.019 mi.)	I28	54
CRYSTAL HOUSE I Facility Status: Closed	1900 S EADS ST	WNW 0 - 1/8 (0.068 mi.)	43	77
CRYSTAL GATEWAY MARRIOT Facility Status: Closed Facility Status: Closed	1700 JEFFERSON DAVIS HI	W 0 - 1/8 (0.087 mi.)	M51	95
SOC ENTERPRISES Facility Status: Closed	750 S 23RD ST	W 1/4 - 1/2 (0.346 mi.)	105	187
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRYSTAL SQUARE 5 Facility Status: Closed	251 18TH ST S	0 - 1/8 (0.000 mi.)	9	20
CRYSTAL PLAZA 5 Facility Status: Closed Facility Status: Closed	2211 S CLARK PL	0 - 1/8 (0.000 mi.)	D15	32

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRYSTAL PLAZA 6 Facility Status: Closed	2221 S CLARK PL	0 - 1/8 (0.000 mi.)	D17	37
VALUE RENT A CAR FORMER Facility Status: Closed	2400 JEFFERSON DAVIS HW	W 0 - 1/8 (0.029 mi.)	K32	57
EXXON R/S #22816 Facility Status: Closed	2300 JEFFERSON DAVIS HW	W 0 - 1/8 (0.038 mi.)	H37	61
HYATT REGENCY CRYSTAL CITY Facility Status: Closed	2799 JEFFERSON DAVIS HW	SSW 0 - 1/8 (0.116 mi.)	N52	97
BUDGET RENTAL CAR Facility Status: Closed	1450 S EADS ST	W 1/8 - 1/4 (0.143 mi.)	R64	124
ALAMO RENT A CAR 230 Facility Status: Closed	2780 JEFFERSON DAVIS HW	SSW 1/8 - 1/4 (0.165 mi.)	T69	146
LCOR ARLINGTON II PROPERTY Facility Status: Closed	1331 S EADS ST	NW 1/8 - 1/4 (0.190 mi.)	V74	157
NORTH TRACT LOFTS PROPERTY Facility Status: Open	305 S 10TH ST	N 1/8 - 1/4 (0.220 mi.)	W80	166
COLUMBIA CENTER Facility Status: Closed	1211 S EADS ST	NW 1/4 - 1/2 (0.260 mi.)	Y85	172
BUDGET RENT A CAR Facility Status: Closed	1200 S EADS ST	NW 1/4 - 1/2 (0.266 mi.)	Y86	172
RF AND P FACILITY Facility Status: Closed	700 BALL ST	N 1/4 - 1/2 (0.277 mi.)	Z88	175
CAFRTZ WAREHOUSE Facility Status: Closed	1411 S FERN ST	W 1/4 - 1/2 (0.285 mi.)	AA91	176
PENTAGON EAST PROPERTY Facility Status: Closed	1401 S FERN ST	W 1/4 - 1/2 (0.287 mi.)	AA92	176
READY MIX FORMER Facility Status: Closed	300 S 6TH ST	NNE 1/4 - 1/2 (0.297 mi.)	AB94	176
DAVIS INDUSTRIES - RF AND P Facility Status: Closed Facility Status: Closed	311 S 6TH ST	N 1/4 - 1/2 (0.311 mi.)	AB98	181
400 ARMY NAVY DRIVE SITE Facility Status: Closed	400 ARMY NAVY DRIVE	NNW 1/4 - 1/2 (0.312 mi.)	100	182
THRIFTY CAR RENTAL Facility Status: Closed	2900 JEFFERSON DAVIS HW	SSW 1/4 - 1/2 (0.322 mi.)	AC101	183
VDOT - CRYSTAL CITY FOUR MILE Facility Status: Closed	2910 JEFFERSON DAVIS HW	SSW 1/4 - 1/2 (0.332 mi.)	AC102	183
EPSTEIN BART RESIDENCE Facility Status: Closed	738 22ND ST S	W 1/4 - 1/2 (0.338 mi.)	104	187
PENTAGON INDUSTRIAL COMPLEX Facility Status: Open	1201-1301 S FERN ST	WNW 1/4 - 1/2 (0.359 mi.)	AD107	189
1ST CHOICE BODY SHOP Facility Status: Closed	525 31ST ST S	SSW 1/4 - 1/2 (0.401 mi.)	109	195
AT AND T BUILDING FORMER Facility Status: Closed	1201 S HAYES ST	WNW 1/4 - 1/2 (0.419 mi.)	AE110	195
AT AND T Facility Status: Closed	1201 S HAYES ST	WNW 1/4 - 1/2 (0.419 mi.)	AE113	196

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CARDINAL CONCRETE Facility Status: Closed	450 OLD JEFFERSON DAVIS	NNE 1/4 - 1/2 (0.480 mi.)	AF114	196
FAA Facility Status: Closed	RONALD REAGAN WASHINGTON	E 1/4 - 1/2 (0.488 mi.)	AG116	200
PENTAGON COURTYARD Facility Status: Closed	425 OLD JEFFERSON DAVIS	NNE 1/4 - 1/2 (0.490 mi.)	AF117	200
PENTAGON RESERVATION	425 OLD JEFFERSON DAVIS	NNE 1/4 - 1/2 (0.490 mi.)	AF119	201
US DOD PENTAGON Facility Status: Closed Facility Status: Closed <i>*Additional key fields are available in the Map Findings section</i>	425 OLD JEFFERSON DAVIS	NNE 1/4 - 1/2 (0.490 mi.)	AF120	222
PENTAGON RIVER ENTRANCE Facility Status: Closed	425 OLD JEFFERSON DAVIS	NNE 1/4 - 1/2 (0.490 mi.)	AF121	224

State and tribal registered storage tank lists

VA 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 Environmental Quality's Underground Storage Tank Data Notification Information.

A review of the VA UST list, as provided by EDR, and dated 12/02/2009 has revealed that there are 30 VA UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRYSTAL PLAZA I	2001 JEFFERSON DAVIS HW	0 - 1/8 (0.000 mi.)	C6	16
MARRIOTT TWIN BRIDGES HOTEL	333 JEFFERSON DAVIS HWY	WSW 0 - 1/8 (0.050 mi.)	40	70
OAKWOOD APARTMENTS	400 15TH ST S	W 0 - 1/8 (0.066 mi.)	41	72
CRYSTAL HOUSE I	1900 S EADS ST	WNW 0 - 1/8 (0.068 mi.)	43	77
MARRIOTT CRYSTAL GATEWAY HOTEL	1700 JEFFERSON DAVIS HW	W 0 - 1/8 (0.087 mi.)	M50	90
CRYSTAL TOWERS NORTH & SOUTH	1600 S EADS ST	W 0 - 1/8 (0.121 mi.)	P56	103
GSA MOTOR POOL FACILITY	501 15TH ST	W 1/8 - 1/4 (0.134 mi.)	O60	113

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FIVE CRYSTAL PARK	2351 CRYSTAL DR	0 - 1/8 (0.000 mi.)	A1	7
FOUR CRYSTAL PARK	2341 CRYSTAL DR	0 - 1/8 (0.000 mi.)	A2	9
CRYSTAL PLAZA 2	2011 S CLARK PL	0 - 1/8 (0.000 mi.)	B3	11
CRYSTAL PLAZA 3	2021 S CLARK PL	0 - 1/8 (0.000 mi.)	B4	13
CRYSTAL PLAZA 4	2201 S CLARK PL	0 - 1/8 (0.000 mi.)	D14	28
CRYSTAL PLAZA 5	2211 S CLARK PL	0 - 1/8 (0.000 mi.)	D15	32
CRYSTAL PLAZA 6	2221 S CLARK PL	0 - 1/8 (0.000 mi.)	D18	37
CRYSTAL PLACE APARTMENTS	1801 CRYSTAL PL	0 - 1/8 (0.001 mi.)	19	39
THREE CRYSTAL PARK	2231 CRYSTAL DR	E 0 - 1/8 (0.001 mi.)	21	41
TWO CRYSTAL PARK	2121 CRYSTAL DR	E 0 - 1/8 (0.002 mi.)	G22	43
WATERPARK TOWERS NORTH & SOUTH	1501 AND 1505 CRYSTAL D	E 0 - 1/8 (0.005 mi.)	24	47
CRYSTAL PARK I	2011 CRYSTAL DR	E 0 - 1/8 (0.006 mi.)	25	50
EXXON R/S #22816	2300 JEFFERSON DAVIS HW	W 0 - 1/8 (0.038 mi.)	H37	61
CRYSTAL HOUSE II	2000 S EADS ST	W 0 - 1/8 (0.066 mi.)	42	74
LARRY STEINHAUER	2600 JEFFERSON DAVIS HW	SW 0 - 1/8 (0.075 mi.)	47	83
CRYSTAL PLAZA APARTMENTS NORTH	2111 JEFFERSON DAVIS HW	W 0 - 1/8 (0.121 mi.)	P57	106
WAREHOUSE - BUDGET RENTAL CAR	1450 S EADS ST	W 1/8 - 1/4 (0.143 mi.)	R63	120

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JEFF DAVIS ASSOCIATES	2800 CRYSTAL DR	SSW 1/8 - 1/4 (0.145 mi.)	S65	124
JEFF DAVIS ASSOCIATES / BUDGET	2800 CRYSTAL DR	SSW 1/8 - 1/4 (0.145 mi.)	S66	128
ALAMO RENT A CAR	2780 JEFFERSON DAVIS HW	SSW 1/8 - 1/4 (0.165 mi.)	T68	138
KENNING CAR RENTAL	2804 JEFFERSON DAVIS HW	SSW 1/8 - 1/4 (0.180 mi.)	T70	146
CHARLES E SMITH CO	300 10TH ST S	N 1/8 - 1/4 (0.218 mi.)	W78	162
"KIRBY LITHOGRAPHIC COMPANY, I	2900 S EADS ST	SSW 1/8 - 1/4 (0.231 mi.)	X81	166

VA AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Quality's Aboveground Storage Tank Data Notification Information.

A review of the VA AST list, as provided by EDR, and dated 12/02/2009 has revealed that there are 8 VA AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRYSTAL MALL 1	1911 JEFFERSON DAVIS HW	N 0 - 1/8 (0.041 mi.)	J39	68
MARRIOTT CRYSTAL GATEWAY HOTEL	1700 JEFFERSON DAVIS HW	W 0 - 1/8 (0.087 mi.)	M50	90

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRYSTAL SQUARE 5	251 18TH ST S	0 - 1/8 (0.000 mi.)	9	20
LARRY STEINHAUER	2600 JEFFERSON DAVIS HW	SW 0 - 1/8 (0.075 mi.)	47	83
HYATT REGENCY CRYSTAL CITY	2799 JEFFERSON DAVIS HW	SSW 0 - 1/8 (0.116 mi.)	N52	97
GATEWAY TWO	1225 S CLARK ST	N 1/8 - 1/4 (0.183 mi.)	U71	149
GATEWAY THREE	1215 S CLARK ST	N 1/8 - 1/4 (0.188 mi.)	U72	153
CRYSTAL CITY SHOP	305 S 10TH ST	N 1/8 - 1/4 (0.220 mi.)	W79	164

State and tribal institutional control / engineering control registries

VA ENG CONTROLS: 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.

A review of the VA ENG CONTROLS list, as provided by EDR, and dated 01/20/2010 has revealed that there is 1 VA ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
R.F.P. & DAVIS INDUSTRIES (DAVI	311 SOUTH 6TH ST.	N 1/4 - 1/2 (0.311 mi.)	AB96	177

Sites included in the Voluntary Remediation Program that have Deed Restrictions.

A review of the VA INST CONTROL list, as provided by EDR, and dated 01/20/2010 has revealed that there is 1 VA INST CONTROL site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
R.F.P. & DAVIS INDUSTRIES (DAVI	311 SOUTH 6TH ST.	N 1/4 - 1/2 (0.311 mi.)	AB96	177

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

VA VCP: The Voluntary Remediation Program encourages owners of selected contaminated sites to take the initiative to conduct voluntary cleanups that meet state environmental standards. These sites are generally either open dumps or unpermitted solid waste disposal facilities. VRP sites can not be listed on the NPL, nor can they involve disposed RCRA hazardous wastes. The source of this data is the Department of Environmental Quality.

A review of the VA VCP list, as provided by EDR, and dated 01/20/2010 has revealed that there are 3 VA VCP sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>R.F.P. & DAVIS INDUSTRIES (DAVI</i>	<i>311 SOUTH 6TH ST.</i>	<i>N 1/4 - 1/2 (0.311 mi.)</i>	<i>AB96</i>	<i>177</i>
<i>WASHINGTON NATIONAL AIRPORT</i>		<i>E 1/4 - 1/2 (0.381 mi.)</i>	<i>108</i>	<i>191</i>
<i>SEI-ARLINGTON ACQUISITION CORP</i>	<i>399 OLD JEFFERSON DAVIS</i>	<i>NNE 1/4 - 1/2 (0.498 mi.)</i>	<i>AF123</i>	<i>225</i>

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 01/13/2010 has revealed that there are 7 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CRYSTAL CITY STATION</i>	<i>1750 S CLARK ST</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>11</i>	<i>24</i>
<i>CRYSTAL MALL OFFICE BLDGS C-01</i>	<i>1941 JEFFERSON DAVIS HW</i>	<i>N 0 - 1/8 (0.025 mi.)</i>	<i>J30</i>	<i>55</i>
<i>18TH & FERN ST TPSS</i>	<i>18TH ST WEST OF FER</i>	<i>WNW 1/8 - 1/4 (0.214 mi.)</i>	<i>75</i>	<i>158</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DEPT OF NAVY NAVAL SEA SYSTEM</i>	<i>2531 JEFFERSON DAVIS HW</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>5</i>	<i>15</i>
<i>JORSS A F WORKS INCORPORATED</i>	<i>300 SOUTH 10TH STREET</i>	<i>N 1/8 - 1/4 (0.218 mi.)</i>	<i>W76</i>	<i>159</i>
<i>ALUMINUM FINISHING CO</i>	<i>300 S 10TH ST</i>	<i>N 1/8 - 1/4 (0.218 mi.)</i>	<i>W77</i>	<i>160</i>
<i>US DEPT OF COMMERCE PATENT OFF</i>	<i>1232 SOUTH EADS STREET</i>	<i>NW 1/8 - 1/4 (0.247 mi.)</i>	<i>Y83</i>	<i>169</i>

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there are 2 DOD sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PENTAGON</i>		<i>NNW 1/2 - 1 (0.533 mi.)</i>	<i>0</i>	<i>7</i>
<i>ARLINGTON NATIONAL CEMETERY</i>		<i>NNW 1/2 - 1 (0.949 mi.)</i>	<i>0</i>	<i>7</i>

EXECUTIVE SUMMARY

VA DRYCLEANERS: A listing of registered drycleaners.

A review of the VA DRYCLEANERS list, as provided by EDR, and dated 01/27/2010 has revealed that there are 5 VA DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRYSTAL CLEANERS	2184 CRYSTAL PLAZA ARC	0 - 1/8 (0.000 mi.)	E16	36
CRYSTAL BRITE	2329 S EADS ST	W 0 - 1/8 (0.073 mi.)	L46	83
V CLEANERS AND SHOE REPAIR	2711 JEFFERSON DAVIS HW	SSW 0 - 1/8 (0.081 mi.)	49	88
CITY CLEANERS	1425 S EADS ST	W 0 - 1/8 (0.124 mi.)	O58	111
CRYSTAL CLEANERS	562 S 23RD ST	W 1/8 - 1/4 (0.135 mi.)	Q62	120

EDR PROPRIETARY RECORDS

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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LADD S SERVICE STATION	1930 JEFFERSON DAVIS	NNW 0 - 1/8 (0.033 mi.)	J34	59

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
POTOMAC SERVICE STATION INC	2300 JEFFERSON DAVIS	W 0 - 1/8 (0.038 mi.)	H38	68

CECLIS: 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. EDR Historical 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.

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

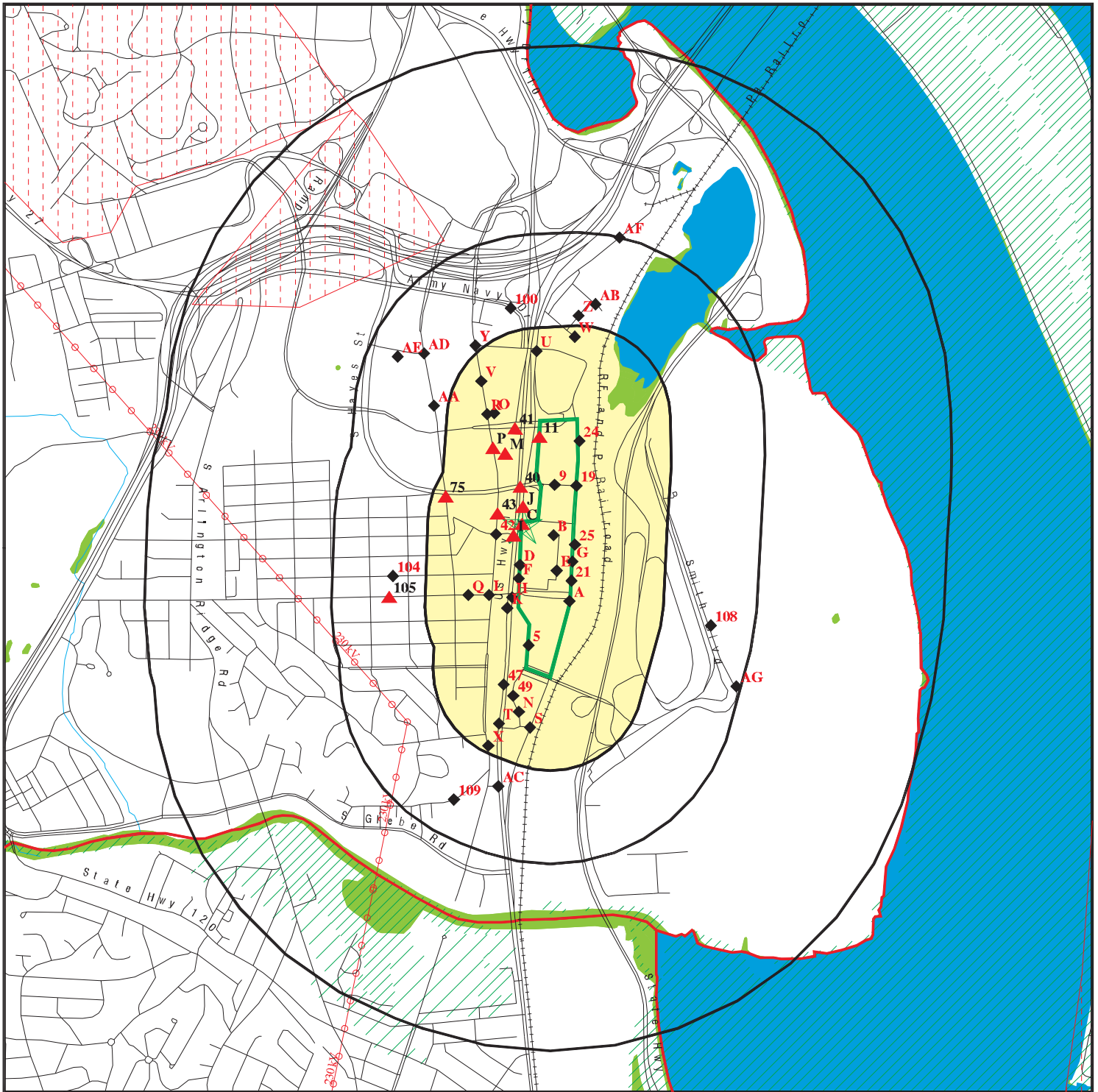
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HIGHLAND CLEANERS INC	2329 S EADS ST	W 0 - 1/8 (0.073 mi.)	L44	81
JEFFERSON CLEANERS	507 S 23RD ST	W 0 - 1/8 (0.079 mi.)	L48	87

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
VERIZON ESS CRYSTAL CITY CO (VA730	VA TIER 2
WMATA- CRYSTAL CITY	VA TIER 2
PENTAGON AREA	CERCLIS, FINDS
COLONIES OF ARLINGTON	VA LUST
VIRGINIA PUBLIC WORKS YARD	VA LUST, VA LTANKS
ARLINGTON HALL STATION/NFATC	VA LUST
ARLINGTON STP	VA LUST, VA SPILLS
CRYSTAL HOUSE I	VA LUST
NATIONAL PARK SERV MAINT. YARD	VA LUST
FORT MYER	VA LUST, VA SPILLS
MWAA - NATIONAL CAR RENTAL (XREF 8	VA LUST
RF AND P SCRAPYARD - DAVIS INDUSTR	VA LTANKS
RFP YARD	VA LTANKS
CRYSTAL PLAZA	VA LTANKS
LOFT 590 AT CRYSTAL TOWERS	VA LTANKS
1725 JEFFERSON DAVIS HWY	RCRA-SQG, FINDS
1755 JEFF DAVIS HWY	RCRA-CESQG, FINDS
PENTAGON CITY RESIDENCE INN	FINDS
PENTAGON CITY MALL	VA SPILLS
WMATA BUS #4088 - EXCESSIVE IDLING	VA SPILLS
CRYSTAL PARK III, CRYSTAL DR.	VA SPILLS
FASHION CENTRE AT PENTAGON CITY	VA SPILLS
CRYSTAL TOWER APTS.	VA SPILLS
PENTAGON CITY MALL	VA SPILLS
WMATA	VA SPILLS
15TH ST. (J.D. HWY & CRYSTAL CITY	VA SPILLS
26TH ST. BETWEEN CRYSTAL DR. AND C	VA SPILLS
26TH STREET BETWEEN CRYSTAL DRIVE	VA SPILLS
7 ROUTE 73 SOUTH	NJ VCP
ARLINGTON INDUSTRIAL PROPERTY - NO	VA VCP
LITTON DATA SYSTEMS	NY MANIFEST

OVERVIEW MAP - 2707990.1s



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

Indian Reservations BIA

County Boundary

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

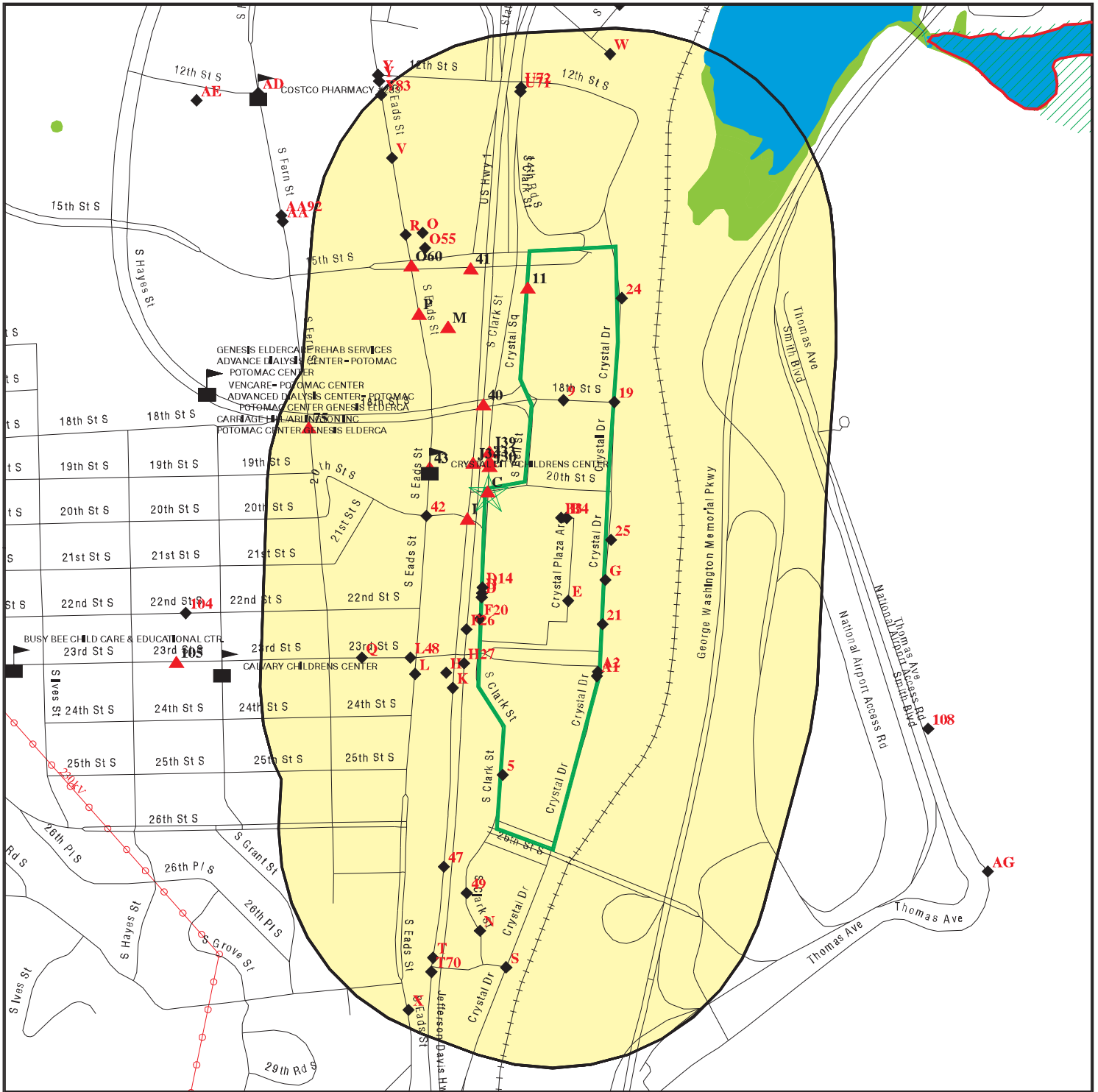
National Wetland Inventory



SITE NAME: WMATA Crystal City
ADDRESS: Crystal Dr Clark St
 Arlington VA 22202
LAT/LONG: 38.8561 / 77.0519

CLIENT: AECOM
CONTACT: Rebecca Drury
INQUIRY #: 2707990.1s
DATE: February 25, 2010 12:17 pm

DETAIL MAP - 2707990.1s



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



<p>SITE NAME: WMATA Crystal City ADDRESS: Crystal Dr Clark St Arlington VA 22202 LAT/LONG: 38.8561 / 77.0519</p>	<p>CLIENT: AECOM CONTACT: Rebecca Drury INQUIRY #: 2707990.1s DATE: February 25, 2010 12:17 pm</p>
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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
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	■	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	2	NR	NR	2
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	1	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	6	1	NR	NR	NR	7
RCRA-CESQG		0.250	5	1	NR	NR	NR	6
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
VA SHWS		N/A	N/A	N/A	N/A	N/A	N/A	N/A
DC SHWS		N/A	N/A	N/A	N/A	N/A	N/A	N/A
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
VA SWF/LF		0.500	0	0	1	NR	NR	1
DC SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
VA LUST		0.500	10	2	14	NR	NR	26
DC LUST		0.500	0	0	0	NR	NR	0
VA LTANKS		0.500	10	4	22	NR	NR	36

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
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
VA UST		0.250	22	8	NR	NR	NR	30
DC UST		0.250	0	0	NR	NR	NR	0
VA AST		0.250	5	3	NR	NR	NR	8
DC AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
VA ENG CONTROLS		0.500	0	0	1	NR	NR	1
VA INST CONTROL		0.500	0	0	1	NR	NR	1
<i>State and tribal voluntary cleanup sites</i>								
VA VCP		0.500	0	0	3	NR	NR	3
INDIAN VCP		0.500	0	0	0	NR	NR	0
DC VCP		0.500	0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
VA BROWNFIELDS		0.500	0	0	0	NR	NR	0
DC BROWNFIELDS		0.500	0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS		TP	NR	NR	NR	NR	NR	0
VA SPILLS		TP	NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA-NonGen		0.250	3	4	NR	NR	NR	7

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
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	2	NR	2
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
VA DRYCLEANERS		0.250	4	1	NR	NR	NR	5
VA ENF		TP	NR	NR	NR	NR	NR	0
VA NPDES		TP	NR	NR	NR	NR	NR	0
VA AIRS		TP	NR	NR	NR	NR	NR	0
VA TIER 2		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
VA COAL ASH		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

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	2	0	NR	NR	NR	2

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.

Technical Memorandum Update

Appendix 7 | Attachment B
Online Regulatory Database Summaries; VDEQ and USEPA

Technical Memorandum Update

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Technical Memorandum Update

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