TO: FHWA FROM: John Muse DATE: 09/20/2021

CATEGORICAL EXCLUSION (CE)

Date CE level document approved by VA FHWA Division: 05/02/2019

FHWA Contact: Eric Rothermel Project Name: Sudley Road Northbound Widening Route: Sudley Road (VA-234) Route Type: Urban Project Type: Construction State Project Number: 0234-155-306, C501, P101, R201 Federal Project Number: STP-5A01 (779) UPC: 109293 From: Grant Avenue To: Godwin Drive County/City: City of Manassas District / Residency: Northern Virginia District
Project in STIP: Yes No No No N/A Project Outside of MPO Area Next Phase of Funding Available: Yes No
Project Description: The City of Manassas is proposing to add a third lane to approximately 1.2 miles of Route 234 (Sudley Road) in the northbound direction, from Grant Avenue in the City of Manassas to just north of Godwin Drive in Prince William County. Approximately 0.55 miles would require new pavement. For the remaining 0.65 miles, an existing right turn lane would be restriped to accommodate both right turn and through traffic lane. The existing left turn lane to Godwin Drive would be extended approximately 200 feet to the south. The project includes curb, gutter, drainage, sidewalk and other pedestrian accommodations, and would tie into an existing 3-lane section with sidewalk in Prince William County. A second southbound left-turn lane would be incorporated to accommodate dual-lefts onto the proposed Route 28 Bypass. A northbound right turn lane would be incorporated to accommodate right turns onto the proposed Route 28 Bypass also. Improvements would also include widening the Godwin Drive approach to Sudley Road to continue a second thru-lane and maintain the existing channelized right-turn lane, as well as expanding the proposed stormwater management pond to help offset future drainage from the proposed Route 28 Bypass.
CE Category 23 CFR 771.117: (c)(26) Description of CE Category: Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (e.g. parking, weaving, turning, climbing).
USGS Map Attached Yes ⊠
Logical Termini and Independent Utility: Yes N/A (For Non-highway construction only, explain in comments below)

Purpose and Need Statement: The purpose of the proposed project is to reduce congestion and increase capacity. The added roadway capacity would improve emergency ingress and egress from Prince William's Novant Health Hospital (Novant Hospital). The project would also improve connectivity and accessibility in a heavily travelled pedestrian area. Pedestrian connection is needed for residences and businesses north and south of Sudley Road. It would also provide residents of the City of Manassas and Prince William County with pedestrian access to Novant Hospital.

Comments: The proposed project is included in the approved FY21-24 STIP under a STIP Grouping for Construction: Safety/ITS/Operational Improvements. The project involves adding a third lane to approximately 1.2 miles of Route 234 (Sudley Road) in the northbound direction, from Grant Avenue in the City of Manassas to just north of Godwin Drive in Prince William County to enhance capacity to accommodate greater Annual Average Daily Traffic (AADT). The roadway AADT increases from 28,000 vehicles per day (vpd) in existing 2019 conditions to 31,800 vpd by 2050 at an annual growth rate of 0.5%. The Rt. 234 improvements are justifiable and are a reasonable expenditure of funds even if no additional transportation improvements are made. Therefore, the project has independent utility. The project termini are rational end points for environmental review and are logical.

Typical Section: The proposed 11-12' typical section would meet AASHTO standards and includes curb and gutter on each side of Sudley Road. A 5-foot sidewalk on the northbound side with a 5-foot landscaped buffer extending from the proposed crosswalk at Grant Avenue to Godwin Drive. The existing sidewalk on the north side of Sudley Road that extends from Grant Avenue to Stonewall Road would shift north to accommodate the widening of Sudley Road. The existing right turn lanes that extend from Rolling Road to Impalla Drive would convert to a right-through lane. An additional through-lane would be added on Sudley Road by widening into the existing center median and shifting the current left turn lane over. A second southbound left-turn lane from Sudley Road southbound onto the proposed Route 28 Bypass would be added to accommodate dual left-turns, as well as a right-turn lane on northbound Sudley Road onto the proposed Route 28 Bypass. Godwin Drive at Sudley Road would be widened to the right to accommodate a second thru-lane while maintaining the existing channelized right-turn lane. Standard side slopes with accommodations for necessary drainage and utility facilities would be provided on each side of the proposed roadway

Structures: There are no bridges or large diameter culverts associated with the project.

	PRES	ENT	IMPACTS			
SOCIO-ECONOMIC	YES	NO	YES	NO		
Minority/Low Income Populations		\boxtimes		\boxtimes		
Disproportionate Impacts to Minority/Low Income Populations: Yes No						
Existing or Planned Public Recreational Facilities		\boxtimes		\boxtimes		
Source: U.S. Census Bureau 2015-2019 American Community Survey Data; Coordination with Prince William						
County and City of Manassas Departments of Parks and Recreations						
Community Services		\boxtimes		\boxtimes		
Source: City of Manassas GIS data (https://gis-cityofmanassas.hub.arcgis.com); Principles	ce Willia	am Cou	inty GIS	S data		
(https://gisweb.pwcgov.org/webapps/countymapper/)						
Consistent with Local Land Use: Yes No						
Source: City of Manassas Land Use in 2040 Comprehensive Plan						
Existing or Planned Bicycle/Pedestrian Facilities:		\boxtimes		\boxtimes		

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Source: City of Manassas Master Transportation Plan

(https://www.manassasva.gov/community_development/planning_and_zoning/transportation_master_plan.php); City of Manassas GIS data (https://gis-cityofmanassas.hub.arcgis.com); Prince William County GIS data (https://gisweb.pwcgov.org/webapps/countymapper/)

Comments:

Minority/ Low Income Populations:

Population demographics were obtained from the U.S. Census Bureau for the City of Manassas and Prince William County from the 2015-2019 American Community Survey (ACS) 5-Year Estimates. The study area traverses the following Census Tracts (CT) and Block Groups (BG):

Prince William County

- CT 9014.03, BG 1
- CT 9017.01, BG 1
- CT 9017.01, BG 3

City of Manassas

- CT 9101, BG 1
- CT 9101, BG 2
- CT 9101, BG 3
- CT 9102.01, BG 3
- CT 9102.01, BG 4
- CT 9102.02, BG 1

The ACS data shows that the minority population percentage for Prince William County is 57.1 percent and for the City of Manassas is 59.2 percent. The minority populations in the study area exceed 50 percent in all block groups within Prince William County; however, CT 9101-BG 2 and BG 3 and CT 9102.01-BG 3 and BG 4 within the City of Manassas do not exceed 50 percent. The percentage of minority populations does not exceed the EJ evaluator for Prince William County within CT 9014.03-BG 1, and do not exceed the EJ evaluator for the City of Manassas within CT 9101-BG 2 and BG 3 and CT 9102.01-BG 3 and BG 4. There would be no full property acquisitions or relocations from within the identified EJ populations. Therefore, the EJ populations would not be disproportionately affected by the proposed project.

The 2021 Health and Human Services Guidelines state that a family of four is considered at poverty level if the median household income is \$26,500 or below. All Census Tracts exceed the cost threshold; therefore, no low-income population is considered to be present.

No total takes would occur, and there would be no residential or business relocations. Unavoidable partial property acquisitions would be conducted in accordance with the *Uniform Relocation Assistance and Real Property Acquisition Act* of 1970 and Amendments, and adhering to VDOT's policies. Minority populations are present within the study area. However, these populations would not be affected by the proposed project. Additionally, low-income populations are not present within the study area. Therefore, in accordance with the provisions of E.O. 12898 and FHWA Order 6640.23, no further EJ analysis is required.

Community Services: The Prince William Hospital (8700 Sudley Road) is located immediately adjacent and to the south of the proposed project, between Rolling Road and Digges Road. The Prince William Hospital has an additional access and entrance off of Rolling Road. Therefore, no disruptions to emergency or community service transportation is anticipated. A Maintenance of Traffic (MOT) plan would be prepared to ensure there are no disruptions to emergency services during construction.

Existing or Planned Bicycle/Pedestrian Facilities:

Existing crosswalks are present across Godwin Drive at the east and west merge lanes. According to the City of Manassas 2040 Comprehensive Plan, bike facilities are planned along Sudley Road from Godwin Drive to Grant

Avenue. The proposed project would include the construction of a sidewalk on the northern side of Sudley Road. Additionally, crosswalks are planned for the following locations as a part of this proposed project:

- Crossing Sudley Road at Godwin Drive;
- Crossing Impalla Drive at Sudley Road; and
- Crossing Sudley Road at Rolling Road.

No impacts to existing or planned bicycle/pedestrian facilities are anticipated. Therefore, this project would not have an effect on existing or planned bicycle/pedestrian facilities.

		_			
SECTION 4(f) and SECTION 6(f)	YE	S	NO		
Use of 4(f) Property:					
Acres of use:		'			
Name of Resource:					
Type of Resource:					
Individually Eligible Historic Property:					
Contributing Element to Historic District					
Public Recreation Area:			\boxtimes		
Public Park:					
Public Wildlife/Waterfowl Refuge:					
Planned Public Park, Recreation Area, Wildlife or Waterfowl Refuge:					
Source: VDCR Land and Water Conservation Fund GIS data (https://www.dcr.virginia	a.gov/na	tural	_		
heritage/cldownload); DCR Virginia Outdoors Plan Mapper	_				
(https://vdcr.maps.arcgis.com/apps/webappviewer/index.html?id=77fee256c76740ec9	3fc5a1	a07f9	<u>9c90</u>); NPS		
Boundary GIS data (https://irma.nps.gov/DataStore/Reference/Profile/2225713); City of the control of the contro	of Mana	ıssas	GIS data		
(https://gis-cityofmanassas.hub.arcgis.com); Prince William County GIS data					
(https://gisweb.pwcgov.org/webapps/countymapper/); Virginia Department of Historic	Resour	ces (\	/DHR)		
correspondence (dated 12-10-2019)					
De Minimis:			\boxtimes		
Type of Use:					
Permanent:			\boxtimes		
Temporary:			\boxtimes		
Section 4(f) Evaluation Attached:			\boxtimes		
Conversion of 6(f) Property:					
Acres of Conversion:					
Source: VDHR correspondence and concurrence dated (12/10/2019); DCR Virginia C	Outdoor	s Plar	n Mapper		
(https://vdcr.maps.arcgis.com/apps/webappviewer/index.html?id=77fee256c76740ec9	3fc5a1	a07f9	9c90); City of		
Manassas GIS data (https://gis-cityofmanassas.hub.arcgis.com); Prince William Coun	ty GIS	data			
(https://gisweb.pwcgov.org/webapps/countymapper/)					
Comments: Nelson Park, a Section 4(f) protected resource, is located southeast of the	e proje	ct are	a and is not		
anticipated to be impacted as part of the proposed project. Additionally, the Section 10	06 resoi	ırces	identified		
within the vicinity of the proposed project are the Manassas Battlefield Historic District	, Bristo	e Sati	ion (DHR ID		
076-5036) and Second Battle of Manassas (DHR ID 076-5190) have been reviewed b	y DHR.	Bas	ed on		
correspondence from DHR dated 12-10-2019, the proposed project would have no eff	ect to S	ectio	n 106		

resources Therefore, this project would not result in use of 4(f) property. No Section 6(f) properties were

identified within the vicinity of the project area based on database reviews.

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	(17641960	101100121)
CULTURAL RESOURCES	COMPLET	E N/A
Source:		
"No historic properties present or affected in accordance with the 2016 Federal		
PA"		
Phase I Architecture Conducted		
Phase II Architecture Conducted		
Phase I Archaeology Conducted		
Phase II Archaeology Conducted		
Section 106 Effect Determination: No Effect		
DHR Concurrence on Effect: Yes Date: 12/10/2019		
MOA Attached: Yes ☐ N/A ☒ Execution Date: / /		
Name of Historic Property:		
Comments: The project is located within the Manassas Battlefield Historic District a		
further identification efforts are warranted. Undertaking would occur within the bound		
(DHR ID 076-5036) and Second Battle of Manassas (DHR ID 076-5190) battlefields		
listing in the NRHP. However, the portions of the battlefields where the undertaking		
extensive modern development and no longer contribute to the overall resources. B		
and correspondence, no historic properties would be affected by the project and no		ation efforts
are warranted. Therefore, this project would have no effect on Section 106 resource	S.	
In addition, a Phase I Cultural Resources Survey was completed in March 2020 in s		
review. Previously recorded and previously unrecorded resources were identified by	•	
recommendations for listing on the National Register of Historic Places (NRHP) rem	ain unchanged	•
T.	DECENT	IMP A OTO
<u> </u>	PRESENT	IMPACTS
	YES NO	YES NO
Surface Water (Flat Branch)		
Source: A wetland delineation was conducted and confirmed by the U.S. Army Corp	•	` '
Jurisdictional Determination (JD) letter (NAO-2019-02238) dated February 3, 2020.		
0.01 acre of palustrine emergent (PEM) wetland and 0.03 acre of palustrine forested	• •	•
the delineation identified 278 linear feet of stream (Flat Branch), which flows undern	•	•
four-cell box culvert. All of the abovementioned features are located on the northwest		
at the intersection of Sudley Road and Godwin Drive. The proposed project would n	ot result in impa	acts to
wetlands or streams.		
Federal Threatened or Endangered Species:		
Terrestrial: Northern long-eared bat (Myotis septentrionalis)		
Aquatic: Brook floater (Alasmidonta varicose)		
Plants: Harperella (Ptilimnium nodosum)		

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Source: The Virginia Department of Wildlife Resources (VDWR) Virginia Fish and Wildlife Information Service (VaFWIS), VDWR's Northern Long-Eared Bat (NLEB) Winter Habitat and Roost Trees Application, VDWR's Little Brown Bat (MYLU) and Tri-colored (PESU) Bat Winter Habitat and Roosts Application, U.S. Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPaC), Department of Conservation and Recreation's (DCR) National Heritage Data Explorer (NHDE), and Center for Conservation Biology (CCB) Bald Eagle Mapping Portal were reviewed to determine whether known federal or state threatened or endangered (T&E) species, wildlife, or plant resources have been documented within the project area or a two-mile radius of the project area. According to the VDWR VaFWIS, the brook floater (Alasmidonta varicose), listed as state endangered, has potential habitat in Flat Branch, located within two miles of the project area. A response from VDWR has not been received concerning this species and the impacts of the proposed project on potential habitat. However, as no impacts to streams or wetlands are proposed as part of the project, no impacts to this species are anticipated. According to the USFWS Official Species List, the Northern Long-eared Bat (Myotis septentrionalis), listed as federally threatened, was identified as potentially occurring within the vicinity of the project area. The NLEB Consultation and 4(d) Rule Consistency determination key was also evaluated to determine impacts on this species associated with the proposed project. The proposed project would result in approximately 0.27 acre of tree removal, and the determination key concluded that the project may affect the NLEB. However, any take "that may occur as a result of the project is not prohibited under the Endangered Species Act (ESA) Section 4(d) rule adopted for this species at 50 CFR §17.40 (o)". The proposed tree removal associated with the project would rely on the Programmatic Biological Opinion on Final 4(d) Rule to fulfill Section 7 responsibilities. Additional coordination on the potential occurrence of the Harperella (*Ptilmnium nodosum*), listed as federally endangered, was conducted with the USFWS on January 21, 2020. The USFWS concurred that the project would not have an adverse affect on this species. The USFWS Official Species List was updated on April 4, 2021 and Harperella is no longer listed as potentially occurring within the vicinity of the proposed project. X 100 Year Floodplain: If "Yes" then identify the regulatory floodway zone: Source: Based on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) for the City of Manassas, Virginia, Map Number 51153C0113D, dated January 5, 1995, the project area intersects a regulatory floodway and associated floodplains which coincide with Flat Branch. There are 0.20 acre of floodway. 0.57 acre of 100-year floodplains, and 0.04 acre of 500-year floodplains within the project area. The remainder of the project area is defined as area of minimal flood hazard. No impacts to floodplains are anticipated as part of the proposed project. Tidal Waters/Wetlands: No tidal waters or tidal wetlands were identified within X X the project area. Wetlands: Source: A wetland delineation was conducted and confirmed by the USACE in a Jurisdictional Determination (JD) letter (NAO-2019-02238) dated February 3, 2020. An updated PJD letter dated July 23, 2021 was acquired to confirm the wetland delineation findings after revisions to the project scope. The delineation identified 0.01 acre of palustrine emergent (PEM) wetland and 0.03 acre of palustrine forested (PFO) wetland. The proposed project would not result in impacts to wetlands or streams. Yes No

Permits Required

Source: No impacts to streams or wetlands are proposed as part of the project. Therefore, permits from the USACE, Department of Environmental Quality (DEQ), or the Virginia Marine Resources Commission (VMRC) are not anticipated to be needed.

	PRES	ENT	IMPA	CTS			
AGRICULTURAL/OPEN SPACE	YES	NO	YES	NO			
Open Space Easements		\boxtimes		\boxtimes			
Source: VOF Owned Land (Virginia Outdoors Foundation https://vof.maps.arcgis.	com/hon	ne/index	.html)				
Agricultural/Forestal Districts							
Source: Virginia Department of Conservation and Recreation (https://www.dcr.virginia	ginia.gov	<u>/natural</u>					
heritage/cldownload)							
Comments:							
FARMLAND	YES		NO				
NRCS Form CPA-106 Attached:			\boxtimes				
Rating:							
Alternatives Analysis Required:			\boxtimes				
If Form CPA-106 is not attached check all that are applicable:							
Land already in Urban use:	\boxtimes						
Entire project in area <i>not</i> zoned agriculture:							
NRCS responded within 45 days:			\boxtimes				
NRCS Determined no prime or unique farmland in the project area.							
Source: U.S. Census Bureau 2010 Urbanized Areas and Urban Clusters Map; US	SDA NRO	S Soil S	Survey				
(https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm)							
Comments: The proposed project is located within a densely developed area of the							
Prince William County, consisting of residential and commercial uses. Therefore, t	he propo	sed pro	ject wou	ld not			
have an effect on farmland or require farmland conversion.							
		DDEC	ENT				
INVACIVE ODEOLEO	PRESENT YES NO UNKNOWN						
INVASIVE SPECIES	120						
Invasive Species in the project area:	<u> </u>			<u> </u>			
There is potential for invasive species to become established along the limits of di				luring			
and following construction. Section 244.02(c) of VDOT's Road and Bridge Specifi			iciuaes				
provisions intended to control noxious weeds (which includes non-native and invasive species).							
While rights-of-ways are at risk from invasive species colonization from adjacent p	roperties	s. impler	nentina t	he			
above provisions would reduce or minimize potential for introduction, proliferation, and spread of invasive							
species. Additionally, the implementation of BMPs for erosion/sediment control ar							
loading would minimize indirect impacts to adjoining communities and habitat by reducing excess nutrient loads							
that could encourage invasive species proliferation.	3						
Comments: VDCR indicated that the potential exists for some VDOT projects to f	urther th	e establ	ishment	of			
invasive species. All seeds used would be tested in accordance with the Virginia S							
not prohibited Noxious Weed-Seeds in the seed mixes.							

AIR QUALITY	,	,							
Carbon Monoxide (CO) Yes No									
This project is located in a CO 🔀 Attainment Area 🗌 Maintenance Area									
CO Hotspot Analysis Required? (if "Yes", please attach analysis)									
If "No", indicate which exemption it falls under:									
Exempt project under 40 CFR 93.126.	D	1							
Exempt project based on traffic volumes below thresholds in the current VDOT I Air Quality Studies Agreement with FHWA/EPA.	Project Lev	/ei							
Ozone									
Attainment Area Maintenand	ο Δτορ								
This project is located in an Ozone This project is located in an Ozone Attailment Area Maintenant Nonattainment Area Early Action		Area							
Only projects located in ozone nonattainment or maintenance areas must complete		. , , , , ,							
Exempt from regional emissions requirements under 40 CFR 93.126 or 40 CFR									
Properly programmed in the Visualize 2045 CLRP and FY - TIP.									
The project is not regionally significant and/or is not of a type that would normall	y be includ	ed in the regional							
transportation model.									
This project is regionally significant; however the project was not modeled, or the	e scope of	tne project is not							
consistent with what was modeled in the currently conforming CLRP and TIP.	Yes	No							
Fine Particulate Matter (PM2.5)		NO							
This project is located in a PM₂.₅ ☐ Nonattainment Area ☐ Maintenan ☐ Attainment Area	ce Area								
PM _{2.5} Hotspot Analysis Required? (If "Yes", Please Attach Analysis)		\boxtimes							
Check all that apply;									
A. Exempt project under 40 CFR 93.126, Table 2.									
B. Not a project of air quality concern under 40 CFR 93.123(b)(1)(i) thru (v). C. Properly programmed in the CLRP and FY - TIP.									
C. Properly programmed in the CLRP and FY - TIP.D. This project is regionally significant; however the project was not modeled, or	ite econa	is not consistent							
with what was modeled, in the currently conforming CLRP and TIP.	its scope	is not consistent							
If "B" is checked above, please indicate the following for highway projects;									
Design Year , Peak AADT , Peak Diesel Truck %									
Mobile Source Air Toxics (MSAT)									
is exempt with no meaningful potential MSAT effects									
This project is one with low potential MSAT effects (attach qualitative MSAT analysis)									
is one with high potential MSAT effects (attach quantitative MSAT analysis)									
Check all that apply;	17/2)								
Exempt project under 40 CFR 93.126, or qualifies as a CE under 23 CFR 771.17 Project with no meaningful impact on traffic volumes or vehicle mix.	17(C).								
If a qualitative MSAT analysis is required, please indicate the following for highway p	orniects:								
Design Year: Peak AADT:	J. 0 ₁ 0010,								
Source:									
Comments: The Air Quality Analysis was reviewed by VDOT and approved on Marg	ch 5. 2020								

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NOISE	YES	NO				
Type I Project:	\boxtimes					
Source: VDOT Highway Traffic Noise Impact Analysis Guidance Manual (Februar	ry 2018)					
Noise Analysis Attached:	\boxtimes					
Barriers Under Consideration:						
Source: UPC 109293 Noise Study Memo (10/30/2019)						
Comments: A noise study, included in Attachment F, was completed through a FHWA's Traffic Noise Model version 2.5 (TNM 2.5) screening analysis. The noise study was completed using a screening analysis since noise abatement would not be feasible due to access constraints, even if the analysis had resulted in traffic noise impacts. Existing and future noise is not predicted to impact any of the studied noise-sensitive receptors along the project corridor. Any construction noise impacts that occur as a result of the roadway construction are anticipated to be temporary in nature and would cease upon completion of the project construction phase. The contractor would be required to conform to the construction noise specifications found in VDOT's 2016 Road and Bridge Specifications, Section 107.16 (b.3), "Noise". The Noise Memo was submitted to VDOT for review and was approved on 10/30/2019.						
RIGHT OF WAY AND RELOCATIONS	YES	NO				
Residential Relocations:						
If "Yes", number:						
Source: Preliminary project plans and preliminary right of way data sheets review	ed by the City P	M.				
Commercial Relocations:						
If "Yes", number:						
Source: Preliminary project plans and preliminary right of way data sheets review	ed by the City P					
Non-profit Relocations:						
If "Yes", number:						
Source: Preliminary project plans and preliminary right of way data sheets review	ed by the City P	M.				
Right of Way required:	\boxtimes					
If "Yes", acreage amount:						
Fee Taking: 0.1 acres						
Proposed Drainage Easement: 0.32 acres						
Temporary Construction Easement required: 0.19 acres						
, , , , , , , , , , , , , , , , , , , ,						
Source: Preliminary project plans reviewed by the City of Manassas project mana	ger (05/18/2021)				
	PRESENT	IMPACTS				
	YES NO	YES NO				
Septic Systems, Wells, or Public Water Supplies						
Source: Hazardous Material Memo dated June 16, 2020						
Hazardous Materials:						
Source: Hazardous Material Memo dated June 16, 2020						

Comments:

Right of Way & Relocations: A total of approximately 0.61 acres of right of way are anticipated to be required for the project, of which 0.1 acres are fee taking, 0.32 acres are for proposed drainage easement, and 0.19 acres are temporary construction easements. No residences, persons, businesses, farms, or non-profit organizations would be displaced as a part of this project.

Hazardous Materials: A review for hazardous materials was conducted in 2019 on the project area, including properties immediately adjacent to the roadway, to assess the potential for encountering hazardous materials or petroleum impacted soil during construction of the project.

Based on a review of the Environmental Data Resources (EDR) provided state and federal databases and a limited site reconnaissance of the project area and adjacent properties, no potential sites of concern were identified within the project limits. However, sites with the potential to encounter contaminated material are located adjacent to the project area. Therefore, if impacted soils are encountered during construction, the impacted soils should be handled in accordance with all applicable state regulations. Specifications should be developed detailing the procedure for identifying and managing contaminated soil generated during construction. If design changes occur, potential impacts would be reevaluated at that time.

Septic Systems, Wells, or Public Water Supplies: No septic systems were identified within the project corridor. No potable drinking water wells or industrial production wells were observed within or adjacent to the project corridor during the site visit that was conducted on November 5, 2019. The parcels located along the project corridor are served by public water and sewer.

CUMULATIVE AND INDIRECT IMPACTS	PRESENT			
	YES	NO	N/A	
Present or reasonably foreseeable future projects (highway and non-highway) in the area: Route 28 Bypass Project				
Impact same resources as the proposed highway project (i.e. cumulative impacts):				
Indirect (Secondary) impacts:		\boxtimes		

Source: Prince William County Current Road Projects

(https://www.pwcgov.org/government/dept/dot/Pages/Current-Road-Projects.aspx); Prince William County Route 28 Bypass project (https://route28bypass.com/); City of Manassas Master Transportation Plan (https://www.manassasva.gov/community_development/planning_and_zoning/transportation_master_plan.php)

Comments:

The Route 28 Bypass Project administered by the Prince William County Department of Transportation is currently underway. A preliminary study of alternative alignments for a bypass has been conducted. The selected Alternative 2B aligns with Godwin Drive and continues north from Sudley Road; however, no further design and engineering has been started. Per EM-NEPA-715, the indirect and cumulative effects of the proposed action have been considered as part of this document. The impact causing activities proposed as part of the project could result in limited indirect effects to the surrounding area. These impacts could be minimized and mitigated through appropriate erosion and sediment controls, stormwater management, and adhering to permit conditions. Indirect impacts to socioeconomic resources would be mitigated and minimized through actions taken by the locality, individual property owners, and the surrounding business community. The proposed project would contribute negligible increments the cumulative effects of past, present and reasonably foreseeable future projects.

PUBLIC INVOLVEMENT	YES	NO			
Substantial Controversy on Environmental Grounds:					
Source: Location and preliminary project plans reviewed by the City of Manassas project manager (
Public Hearing:					
If "Yes", type of hearing: Location					
Other Public Involvement Activities:	\boxtimes				
If "Yes", type of Involvement: Initial coorindation of the project location and					
description was conducted on September 23, 2019 with local public and private					
entities.					
Source:					
Comments: The City of Manassas conducted a public hearing for the proposed project on May 18, 2021. The					
approved CE will be posted for public availability with a 15-day public notice.					

COORDINATION

The following agencies were contacted during development of this study:

Federal Agencies:

U.S. EPA

U.S. Fish and Wildlife Service

U.S. Army Corps of Engineers

Natural Resources Conservation Service

U.S. Department of the Interior

National Park Service American Battlefield Protection Program

Federal Emergency Management Agency, Region III

State Agencies:

Virginia Department of Conservation and Recreation

Virginia Department of Forestry

Virginia Department of Game and Inland Fisheries

Virginia Department of Health

Virginia Department of Historic Resources

Virginia Department of Mines, Minerals and Energy

Virginia Marine Resources Commission

Virginia Outdoors Foundation

Virginia Department of Environmental Quality

Local Entity:

Prince William County Board of Supervisors

Prince William County County Executive

Prince William County Department of Parks and Recreation

Prince William County Department of Public Works

Prince William County Police Department

Prince William County Public Schools Transportation Services

Prince William County Department of Transportation

City of Manassas Department of Parks, Culture, & Recreations

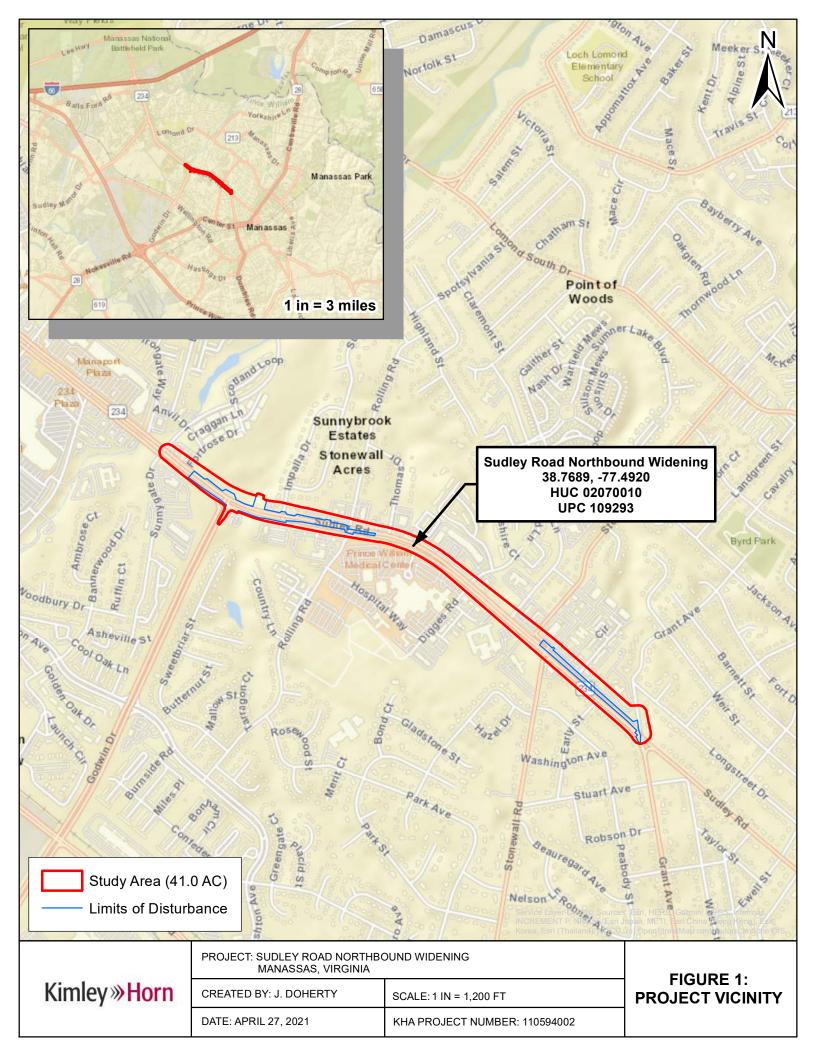
City of Manassas Police Department

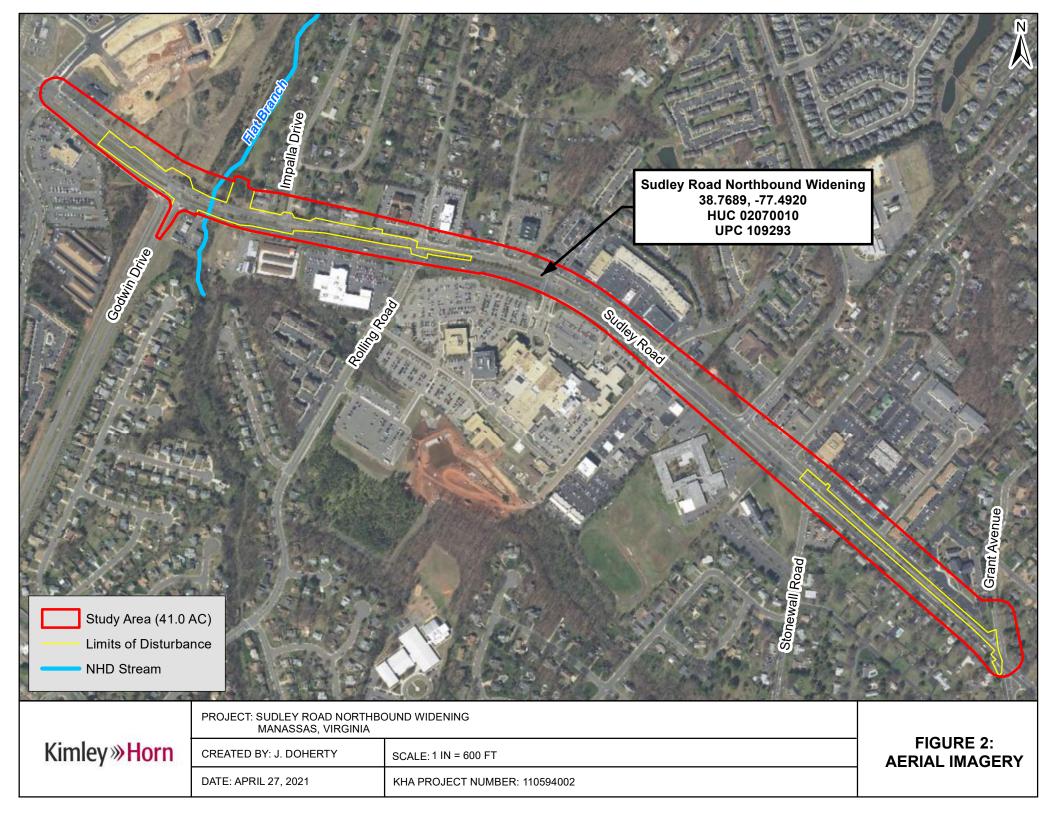
Other Coordination Entities:

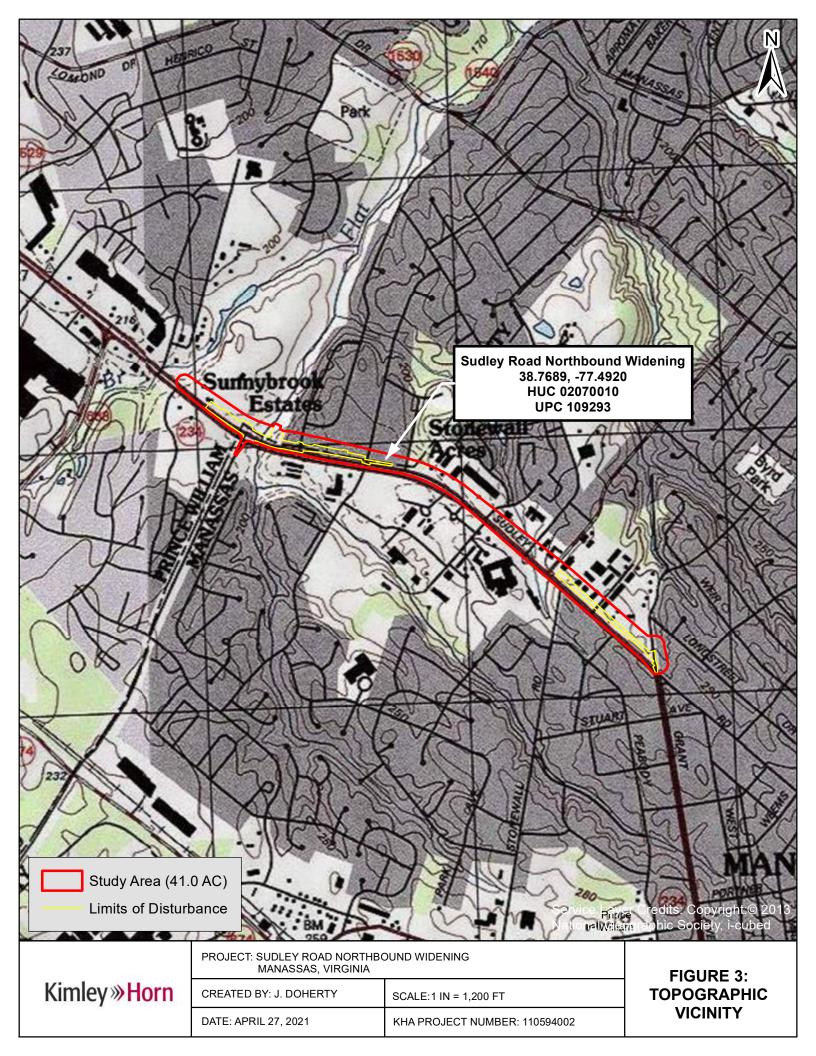
Virginia State Police Department BFO Division Seven St. Thomas United Methodist Church Manassas Baptist Church Bethel Lutheran Church Prince William Hospital

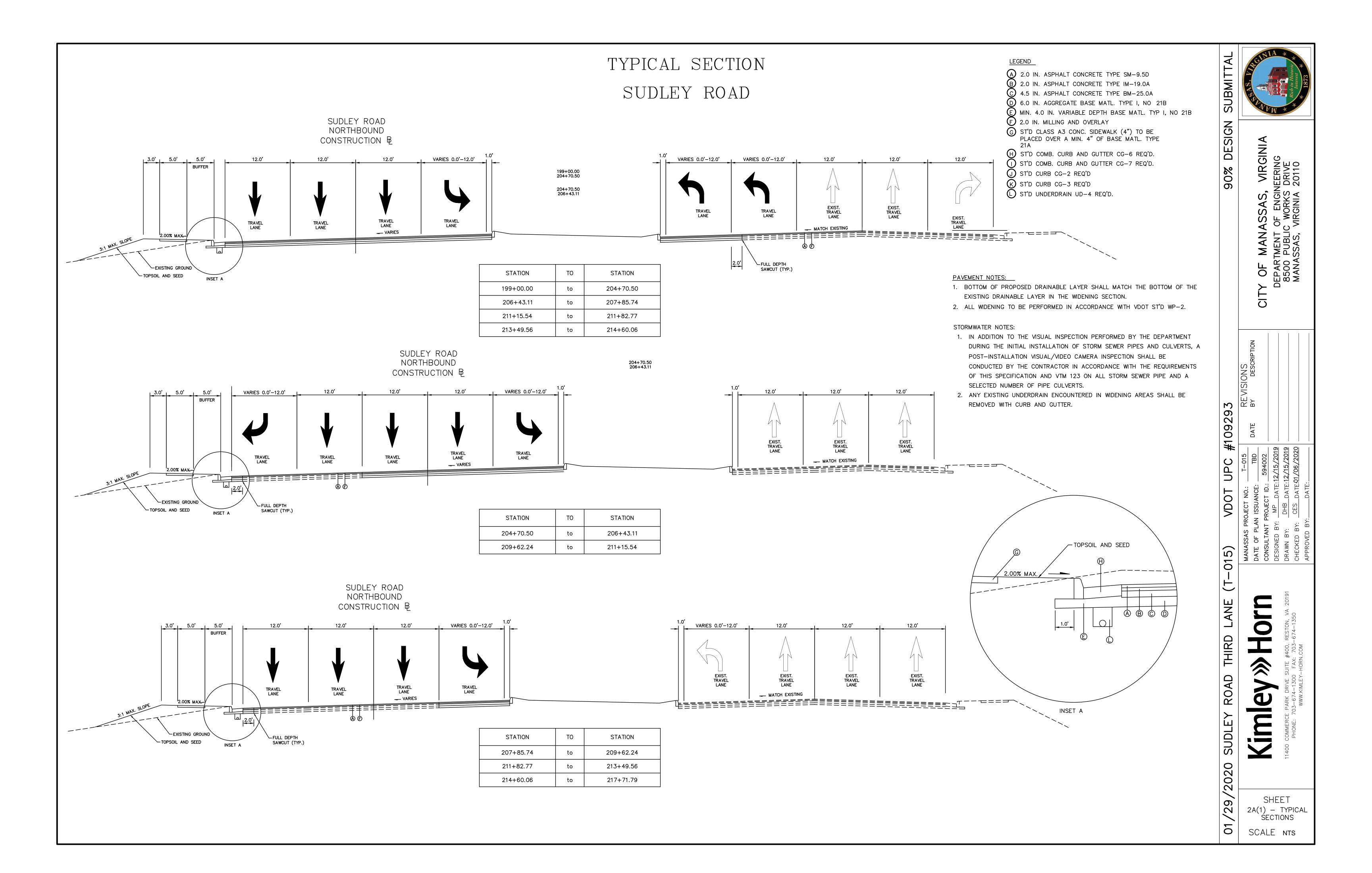
This project meets the criteria for a Categorical Exclusion pursuant to 40 CFR 1508.4 and 23 CFR 771.117 and will not result in significant impacts to the human or natural environment.

Attachment A Figures









Attachment B Summary of Census Data

Sudley Road Northbound Widening

Prince William County and City of Manassas UPC #: 109293□

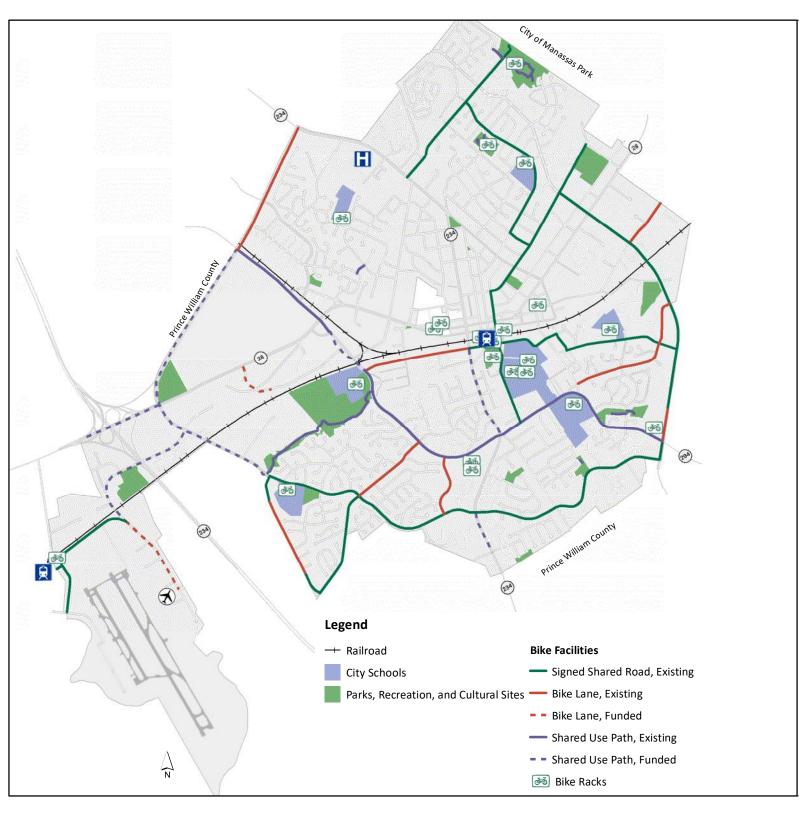
			Prince W	illiam County and	I City of Mar	nassas					
				Minority Popu	lations						
Census Tract (CT)/Block Group (BG)	CT 9014.03	CT 9017.01	CT 9017.01	Prince William	CT 9101	CT 9101	CT 9101	CT 9102.01	CT 9102.01	CT 9102.02	City of
Census Tract (CT)/Block Group (BG)	BG 1	BG 1	BG 3	County	BG 1	BG 2	BG 3	BG 3	BG 4	BG 1	Manassas
Total Population	2,481	602	1,817	461,423	2,259	1,666	568	1,302	687	2,723	41,174
% Minority/Non-White	54.5%	60.3%	85.6%	57.1%	66.0%	46.1%	18.0%	23.1%	25.0%	69.3%	59.2%
Exceeds County Average by 10% or More	No	No	Yes	N/A	No	No	No	No	No	Yes	N/A
Is BG Population Average >50%?	Yes	Yes	Yes	N/A	Yes	No	No	No	No	Yes	N/A
Meet EJ Criteria?	Yes	Yes	Yes	N/A	Yes	No	No	No	No	Yes	N/A
				Low-Income Po	pulations						
Compare Treat (CT)/Plack Cross (PC)	CT 9014.03	CT 9017.01	CT 9017.01	Prince William	CT 9101	CT 9101	CT 9101	CT 9102.01	CT 9102.01	CT 9102.02	City of
Census Tract (CT)/Block Group (BG)	BG 1	BG 1	BG 3	County	BG 1	BG 2	BG 3	BG 3	BG 4	BG 1	Manassas
Total Population	2,361	602	1,777	455,747	2,259	1,666	568	1,302	687	2,723	41,041
% Low-Income/Below Poverty Line	23.5%	14.5%	5.1%	6.6%	1.9%	1.7%	2.8%	11.6%	3.1%	6.9%	8.0%
Exceeds County Average by 10% or More	Yes	No	No	N/A	No	No	No	No	No	No	N/A
Is BG Population Average >50%?	No	No	No	N/A	No	No	No	No	No	No	N/A
Meet EJ Criteria?	Yes	No	No	N/A	No	No	No	No	No	No	N/A

U.S. Census Bureau, 2015-2019 American Community Survey 5-Year Estimates

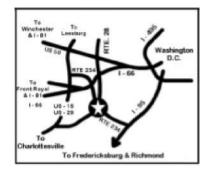
Attachment C
Section 4(f) and Section 6(f) Information

'&5 9LUJLQLD 2XWGRRUV 3ODQ 0DS





Existing and Funded Bike Network



City of Manassas



9027 Center St. Manassas, VA 20110 Date: 5/5/2020 Attachment D
Cultural Resources Information



COMMONWEALTH of VIRGINIA

Department of Historic Resources

Matt Strickler Secretary of Natural Resources 2801 Kensington Avenue, Richmond, Virginia 23221

Julie V. Langan Director

Tel: (804) 367-2323 Fax: (804) 367-2391 www.dhr.virginia.gov

MEMORANDUM

DATE:

10 December 2019

DHR File #

2019-4470

TO:

Ms Lexi Balzer

Kimley-Horn

FROM:

Marc E. Holma, Architectural Historian (804) 482-6090

Moffice of Review and Compliance

PROJECT: Sudley Road Third Lane
City of Manassas and Prince William County

This project will have an effect on historic resources. Based on the information provided, the effect will not be adverse.

This project will have an adverse effect on historic properties. Further consultation with DHR is needed under Section 106 of the NHPA.

Additional information is needed before we will be able to determine the effect of the project on historic resources. Please see below.

X No further identification efforts are warranted. No historic properties will be affected by the project. Should unidentified historic properties be discovered during implementation of the project, please notify DHR.

We have previously reviewed this project. Attached is a copy of our correspondence.

Other (Please see comments below)

COMMENTS:

Undertaking will occur within the boundaries of the Bristoe Station (076-5036) and Second Battle of Manassas (076-5190) battlefields, both of which are eligible for listing in the NRHP. However, the portions of the battlefields where the undertaking is located have sustained extensive modern development and no longer contribute to the overall resources.



Create New Application

This electronic form is to be used for the submission of new projects only. If you wish to submit additional information in support of an existing project, please contact the reviewer assigned to that project.

Before using this form, please understand that the information being requested is important to our review. Incomplete information may lead to delays in the review of your project. Please read all questions carefully and respond as completely as possible. For security purposes, *your ePIX session will timeout after 20 minutes of inactivity* and any unsaved changes will be discarded. To ensure that no information is lost, we recommend saving your application after the completion of each section. If you have questions concerning the completion of this application, please contact DHR staff at ePIX@dhr.virginia.gov.

-SECTION I. CONTACT INFORMATION-

Ms. Jessica Doherty 11400 Commerce Park Drive, Suite 400 Reston, VA 20191 7039944503

Submitted By jessica.doherty@kimley-horn.com

Please indicate what your role in this project is:

Applicant Role Consultant tasked with initiating consultation

If Other, please specify

-SECTION II. GENERAL PROJECT INFORMATION

Project Name Sudley Road Third Lane

Agency Project Number

Associated DHR File Number

Project Street Address

Independent Cities and/or Counties (multiple cities/counties are allowed):

City/County Name
Manassas (Ind. City)
Prince William

Town/Locality, if applicable

Agency Involvement

Please select one of the following options as they relate to the project you are submitting:

• My project involves a federal or state agency and requires review by DHR under the National Historic Preservation Act (Sections 106 or 110), Virginia Environmental Impact Reports Act or other provision of state or federal law.

OI am seeking Technical Assistance from DHR in the assessment of potential impacts of my project on historic resources (e.g. federal or state involvement anticipated, initial project scoping, local government proffer or ordinance).

It is important that you know the nature of the federal or state involvement in your project. Please note that there are a number of state-managed programs that are federally funded (e.g. Transportation Enhancement Grants, some recreational trail grant programs, and many DHCD programs). Understanding the involvement of the agency and the program is helpful for our review.

In some cases there are multiple agencies involved in a project. In these cases, there is generally a "lead" agency. In order to help clarify this, please list the agencies in the order of their involvement in the project. If, for example, there are two agencies providing funding, please provide the contact information for the primary source of federal funding first.

Please select the agency, relationship, contact and click the **Select** button:

Agency	Relationship
Federal Highway Administration	Federally Funded
Virginia Department of Transportation	State Permitted

SECTION III. PROJECT DESCRIPTION and CURRENT AND PAST LAND USE

We need to know as much as possible about the project that is being proposed as well as the current condition of the property. In the fields below, you will be required to provide descriptions that are no longer than 2000 characters. Additional and more detailed information can be uploaded and attached at the end of the application.

Overview and existing conditions

Please provide a general description of the project.

The City of Manassas is proposing to provide a third continuous northbound through lane for 1.2 miles of Sudley Road between Grant Avenue and Godwin Drive. This will include converting existing right-turn lanes to a shared through/right-turn lane where available, and widening approximately 3,000 feet of Sudley Road where it is currently non-existent. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 200 feet to the south. The project includes installing curb and gutter, installing and upgrading guardrail, and adding sidewalk on the northern side of Sudley Road. The existing box culvert at Flat Branch Tributary near the intersection of Sudley Road and Godwin Drive will be extended. A channelization island will be added at Grant Avenue and Sudley Road. Crosswalks will be added to the following intersections: • Across Sudley Road at Godwin Drive; • Across Impalla Drive at Sudley Road; and

Project Description • Across Sudley Road at Rolling Road

How many acres does the project encompass?

Number of Acres 40.5

Please describe the current condition and/or land use of the project area (e.g. paved parking lot, plowed field).

Current Condition Paved roadway

Please describe any previous modifications to the property, including ground disturbance.

Previous Modifications

Work involving buildings or structures

Does the project involve the rehabilitation, addition to, alteration, or demolition of any building structure over 50 years of age?

Buildings Over 50 YearsNo

If yes, please describe the work that is proposed in detail. Current photographs of affected building or structure, architectural or engineering drawings, project specifications and maps may be uploaded at the end of the application.

Details

Work involving ground disturbance

Is there any ground-disturbance that is part of this project?

Ground DisturbanceYes

If yes, describe the nature and horizontal extent of ground-disturbing activities, including construction, demolition, and other proposed disturbance. Plans, engineering drawings, and maps may be uploaded on the next page at the end of the application.

This project will include converting existing right-turn lanes to a shared through/right-turn lane where available, and widening approximately 3,000 feet of Sudley Road where it is currently non-existent. The project includes installing curb and gutter, installing and upgrading guardrail, and adding sidewalk on the northern side of Sudley Road. The existing box culvert at Flat Branch Tributary near the intersection of Sudley Road and Godwin Drive will be extended. A channelization island will be added at Grant Avenue and Sudley Road. Crosswalks will be added to the following intersections: • Across Sudley Road at Godwin

Extent of Activities Drive; • Across Impalla Drive at Sudley Road; and • Across Sudley Road at Rolling Road

What is the depth of the ground disturbance? If there are several components to the project, such as new building, utility trenches, and parking facilities, provide the approximate depth of each component.

The depth of work for the Sudley Road project varies along the stretch of the project both longitudinally and across the roadway section. At the north end of the project, work on the inside lanes is limited to surface work with a depth less than 4". Where the third lane is proposed as well as on the inside shoulder, there will be full depth work at a depth of approximately 1.25'. Sidewalk work is at varying depths with areas of cut ranging from 0 to 2' and areas of fill ranging from 0 to 8.5'. Where the existing culvert is being extended, cut will extend down approximately 12'. On the south end of the project, there will be one lane of mill and overlay less than 4" and approximately one lane of full depth work at 1.25'. Cut and fill areas behind the sidewalk vary with areas of cut from 0' to 3' and areas of fill ranging from 0' to 4.5'. Where subsurface utility Depth work is required for upsizing storm pipes or relocating utilities, work could reach depths of 10 or more feet.

How large is the area where ground-disturbing activities will take place? (in acres)

Area Size 4.5

-SECTION IV. AREA OF POTENTIAL EFFECT (APE)

The Area of Potential Effects (APE) is defined as the geographic area or areas within which a project may directly or indirectly cause changes in the character or use of historic properties, if they exist. It is not necessary for an historic property to be present in order to define an APE.

An example of a direct effect is the demolition of an historic building while an indirect effect would be the alteration of an historic setting resulting from the construction of a communications tower or the introduction of noise as the result of the construction of factory. An area such as the footprint of a proposed building is obviously within the APE, but you must also consider visual effects on the property and the limits of all ground-disturbing activity. So, any project may have two APEs - one for direct effects and one for indirect effects.

Please see our guidance on <u>Defining Your APE</u> for more detailed information on defining direct and indirect APEs. If you are using <u>DHR's Data Sharing System</u>, you should indicate the APE on the DSS map. For instructions on how to do this, consult the <u>DSS general use guidelines</u>.

Please provide a brief summary of and justification for the APE and upload your APE map at the end of the application. The written boundary description must match the submitted APE map.

Please see attached Figures 1-3. The direct (archaeological) APE is defined as the project limits including all construction areas. The indirect (architectural) APE is defined as all above-ground resources over 50 years of APE age on parcels adjacent to the project/construction limits.

SECTION V. CONSULTING PARTIES AND PUBLIC INVOLVEMENT

The views of the public, Indian tribes and other consulting parties (e.g. local governments, local historical societies, affected property owners, etc.) that may have an interest in historic properties that may be affected by the project are essential to informed decision-making. In some cases, the public involvement necessary for other environmental reviews such as that under the National Environmental Policy Act (NEPA) may be sufficient for the Section 106 process, but the manner in which the public is involved must reflect the nature and complexity of the proposed project and its effects on historic resources.

What consulting parties have you identified that have an interest in this project? Please describe your previous and future efforts to involve consulting parties.

Consulting Parties VDOT, USACE, FHWA, VDEQ

Please provide information on any previous or future efforts to involve the public, including public hearings, public notices, and other efforts.

A public meeting will be held in the near future. Right of entry letters went out to properties that are within a Public Involvement 100ft buffer of areas impacted by ground disturbance.

-SECTION VI. PREVIOUSLY IDENTIFIED HISTORIC RESOURCES

In order for this application to be considered complete, you must determine if there are any known historic resources in the APE and provide this information to us. This step is generally referred to as a DHR Archives Search. More information on how to acquire this information can be found in our guidance document <u>Obtaining an Archives Search</u>.

Has any portion of the APE been previously surveyed for archaeological and/or architectural resources?

SurveysUnknown

If yes, describe and provide the names of any reports that you are aware of.

Survey Reports

Are there any previously recorded archaeological sites or architectural resources, including historic districts or battlefields within the APE?

Recorded ResourcesYes

You must upload in Section VIII of this application the Archives Search Map showing previously recorded resources in the APE and the DSS reports for all previously recorded resources.

-SECTION VII. ADDITIONAL CONTACTS TO THE APPLICATION

Last Name	First Name	Organization
Yung	Jessie	Federal Highway Administration
Doherty	Jessica	
Undan	Derick	Virginia Department of Transportation

-SECTION VIII. UPLOAD FILES FOR THE APPLICATION-

Document Name	File Name	Note
Other - DHR ID	076-5908.pdf	
Other - DHR ID	076-5190.pdf	
Other - DHR ID	076-5036.pdf	
Other - DHR ID	076-0073.pdf	
Other - VCRIS Map	VCRIS MAP.pdf	
Map of APE	FIGURE3_TopographicVicinityDHR.pdf	
Map of APE	FIGURE2_AerialImageryDHR.pdf	
Map of APE	FIGURE1_OverallVicinityDHR.pdf	



PHASE I CULTURAL RESOURCE SURVEY OF THE SUDLEY ROAD THIRD LANE WIDENING PROJECT IN THE CITY OF MANASSAS AND PRINCE WILLIAM COUNTY, VIRGINIA

by

Kevin McCloskey and Melissa Butler

Prepared for

Kimley-Horn

Prepared by

DOVETAIL

CULTURAL RESOURCE GROUP

March 2020

Phase I Cultural Resource Survey of the Sudley Road Third Lane Widening Project in Manassas and Prince William County, Virginia

by

Kevin McCloskey and Melissa Butler

Prepared for

Kimley-Horn

11400 Commerce Park Drive, Suite 400 Reston, Virginia 20191

Prepared by

Dovetail Cultural Resource Group

11905 Bowman Drive, Suite 502 Fredericksburg, Virginia 22408

Dovetail Job #19-047 March 2020

Kerri Barile, Principal Investigator Dovetail Cultural Resource Group March 9, 2020

Date

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ABSTRACT

On behalf of Kimley-Horn, Dovetail Cultural Resource Group (Dovetail) conducted a Phase I cultural resource survey of the Sudley Road Third Lane Widening project area in the City of Manassas and Prince William County, Virginia, in November 2019. The survey was completed in compliance with Section 106 of the National Historic Preservation Act and in accordance with the Virginia Department of Historic Resources guidelines. The survey included an examination of the planned construction footprint, encompassing approximately 35.8 acres (14.5 ha) that will be disturbed by expansion of the existing path of Sudley Road. The survey involved an archaeological component, consisting of pedestrian reconnaissance of the construction footprint, followed by subsurface testing where potential for undisturbed archaeological deposits was found, as well as an architectural component, consisting of a pedestrian reconnaissance and photography of above-ground resources. Because the project area is located within the American Battlefield Protection Program (ABPP)-defined Study Area for Second Manassas (076-5190) and Manassas Station Operations (named Bristoe Station Battlefield [076-5036] in DHR records), archaeological metal detector survey was also conducted where potentially intact soils were encountered. The goal of the cultural resource survey was to determine the presence or absence of potentially significant resources in the project area and surrounding viewshed. The project area for archaeology is defined as the construction footprint. The project area for architectural resources is defined as the project footprint in addition to a 300-foot (91.5-m) buffer surrounding the project footprint to capture the surrounding viewshed. Where possible, the goal was to also make recommendations on the eligibility of any identified resources for inclusion on the National Register of Historic Places (NRHP).

The archaeological survey consisted of a pedestrian survey to determine the extent of modern disturbance in the project area, and identify any areas where potentially intact soils might remain and thus be suitable for subsurface testing. The pedestrian survey indicated that the entirety of the archaeological project area, which consisted of a narrow expansion of an existing road through a heavily developed area, was unsuitable for subsurface testing. The small portion of the project area that was not paved was dominated by artificially graded grass surfaces with extensive disturbance from buried utilities.

The architectural fieldwork included reconnaissance-level documentation of previously recorded resources and newly recorded resources over 50 years in age. Dovetail identified four previously recorded above-ground resources and 31 previously unrecorded resources within the architectural project area. Of these 35 architectural resources, Dovetail recommends that two resources (076-5036 and 076-5190) remain potentially eligible for the NRHP and two resources (076-0076 and 076-5908) should remain not eligible for the NRHP. In addition, Dovetail recommends that the remaining 31 resources are not eligible for the NRHP.

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INTRODUCTION

On behalf of Kimley-Horn, Dovetail Cultural Resource Group (Dovetail) conducted a Phase I cultural resource survey of the 35.8-acre (15.4-ha) Sudley Road Third Lane Widening project area, in the City of Manassas and Prince William County, Virginia (Figure 1–Figure 2, pp. 2–3). The survey was completed in compliance with Section 106 of the National Historic Preservation Act and in accordance with the Virginia Department of Historic Resources' (DHR) Guidelines for Conducting Historic Resources Survey in Virginia (2017). The archaeological survey consisted of visual inspection of the entire planned construction footprint, referred to here as the project area, to identify surface features, areas likely to contain intact soils, and disturbed areas, to be followed by subsurface investigations in areas deemed suitably undisturbed and having a moderate to high probability of containing archaeological deposits. Any potentially intact soils were subjected to metal detector survey due to the potential for the project area to contain deposits related to the Civil War. The architectural fieldwork included reconnaissance-level documentation of all above-ground resources over 50 years in age within the architectural project area, defined as the project footprint plus a 300-foot (91.5-m) buffer. The goal of the survey was to identify any potentially significant cultural resources and to make recommendations on the eligibility of any identified resources for the National Register of Historic Places (NRHP), as possible.

The archaeological survey was conducted from November 25–27, 2019, by Kevin McCloskey Alison Cramer, and Jonas Schnur. The architectural survey was completed on November 4, 2019, by Melissa Butler and Katherine McCarthy Watts. Ms. Butler and Ms. Watts meet the Secretary of Interior's (SOI) *Professional Qualification Standards* for architectural historians. Kerri Barile served as Principal Investigator and exceeds the SOI *Professional Qualification Standards* for archaeologists and architectural historians.

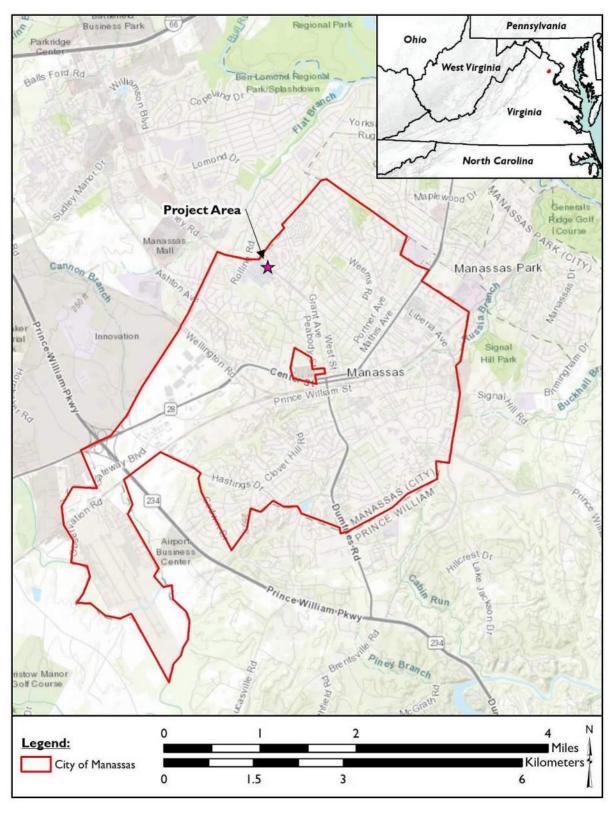


Figure 1: Map of Manassas and Prince William County, Virginia, and the Project Area Location (Esri 2018a).

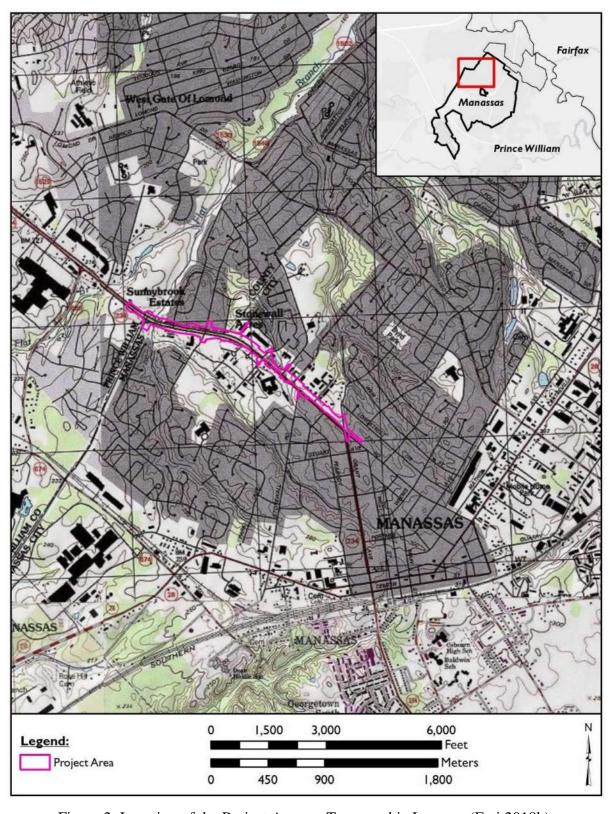


Figure 2: Location of the Project Area on Topographic Imagery (Esri 2018b).

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PROJECT DESCRIPTION

The Sudley Road Third Lane Widening project area is located primarily in the northwestern part of the City of Manassas, Virginia, with a small portion of the project area extending into adjacent Prince William County, Virginia. Northern Virginia in general has seen extensive development in recent decades, and this portion of Sudley Road (Virginia Route 234), a major thoroughfare through the area, is no exception (Photo 1, p. 5). The project area begins approximately 500 feet (152.4 m) west of Sudley Road's intersection with Godwin Drive, just outside the Manassas City Limits (Figure 3, p. 6). From there it extends along Sudley Road, ending approximately 500 feet (152.4 m) east of its intersection with Grant Avenue. The project area varies in width to accommodate improvements to intersections, curb cuts, and other features along the length of the project corridor. In total, the project area encompasses 35.8 acres (14.5 ha). Although the overwhelming majority of the project's footprint lies in the City of Manassas, approximately 2,000 linear feet (609.6 m) along the northern side of Sudley Road are in Prince William County, with the city/county line lying within Sudley Road itself.

The project area is characterized by extensive commercial development. On the north side of Sudley Road an access road parallels the eastern end of the project area, and a series of office parks and shopping centers dominate the remainder of the north side (Photo 2, p. 7). A small area at the far western end is not currently developed, but contains a substantial sewer corridor (Photo 3, p. 7). The south side is similarly developed, with a hospital, and its parking lot occupying the largest part of the project area (Photo 4, p. 8).



Photo 1: Typical Setting in Project Area, Looking West.

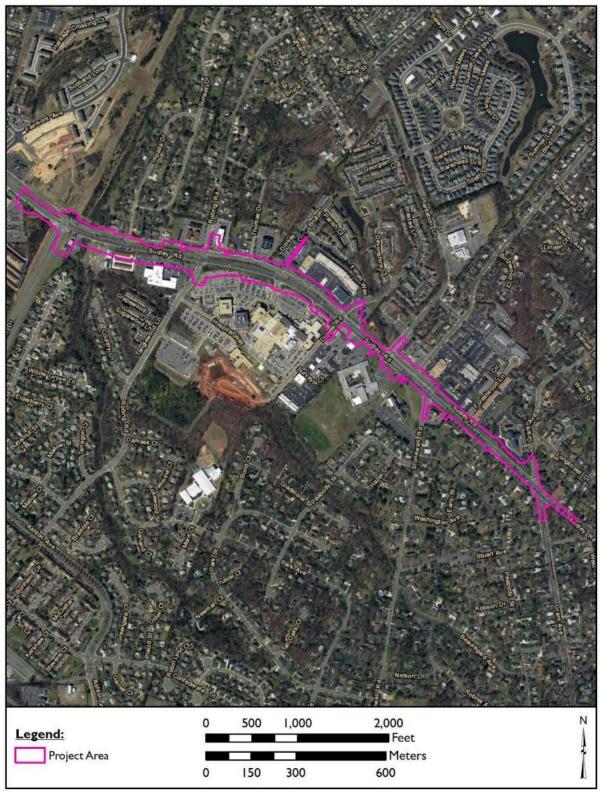


Figure 3: Sudley Road Project Area on Aerial Imagery (Virginia Geographic Information Network [VGIN] 2015)



Photo 2: Typical Setting on North Side of Sudley Road, Looking Northeast.



Photo 3: Undeveloped Parcel near West End of Project Area, Looking North.



Photo 4: Typical Setting on South Side of Sudley Road, Looking West.

ENVIRONMENTAL SETTING

The project area is located at the northwestern boundary of the City of Manassas and Prince William County. Although the bulk of the project area is located within the city, it is not within the old town of Manassas, and shares characteristics with the county at large, from which Manassas was separated in 1975. The area was rural through the 1950s, but experienced considerable growth in population and development due to its proximity to Washington, D.C., and the Interstate 66 (I-66) corridor. Prince William County and Manassas represent a major regional population center associated with the growth of the Washington, D.C., metro area. Growth in this area has been primarily residential and commercial and the current project area is located within an area characterized by extensive commercial development.

Geology and Topography

The project area is situated in the Piedmont physiographic province. The Piedmont, located between the Coastal Plain to the east and the foothills of the Blue Ridge Mountains to the west, is characterized by gently rolling topography generally underlain by crystalline metamorphic rocks. However, the current project area lies within the Culpeper Triassic Basin, part of a larger rift valley system which stretches in a narrow band into northern New Jersey and southeastern New York. The basin is underlain by interbedded shales and siltstones of the Newark Supergroup. Within the project area, these formations date to the Lower Jurassic period. Volcanic basalts also dating to the Lower Jurassic period occur just east of the project area (Division of Geology and Mineral Resources 2015).

Hydrology

The project area is drained by Flat Branch, which joins Bull Run approximately 2 miles (3.2 km) north of the project area. Bull Run drains into the Occoquan River and the Occoquan River drains into the Potomac at Belmont Bay. The Potomac drains to the Chesapeake Bay, which joins the Atlantic Ocean between Cape Henry and Cape Charles.

Soils

Fertile, well-drained soils attracted both humans and game over millennia. Moreover, the wild grasses, fruits, and seeds consumed by people both before and after the adoption of agriculture flourished in such settings. As a consequence, numerous archaeologists have cited the correlation between the distribution of level to gently sloping, well-drained, fertile soils and archaeological sites (e.g., Lukezic 1990; Potter 1993; Turner 1976; Ward 1965). Soil scientists classify soils according to natural and artificial fertility and the threat posed by erosion and flooding, among other attributes. In general, soil Classes 1 and 2 represent the most fertile soils, those best suited for not only agriculture but for a wide range of uses. No Class 1 soil occurs in the project area. Soil productivity must be considered in relation to the productivity of the surrounding soils as well.

Within the project area, the Class 2e, Arcola, Manassas, and Panorama series soils are ostensibly the best suited for habitation and therefore most likely to contain intact archaeological sites. However, review of the soil maps shows that the portions of the area mapped as containing these soils are almost entirely paved. Outside of these soils, the majority of the project area is dominated by Urban Land or Udorthent soils. This soil type predominates even in the small portions of the project area that are unpaved. These soils, which are either highly deflated or extensively disturbed, are unlikely to contain intact archaeological deposits. The remaining soil types combine to occupy less than 1 percent of the project area (Table 1).

Table 1: Soils in the Project Area (Soil Survey Staff 2017).

Soil Name	Class	Slope	% of Project Area
Arcola silt loam	2e	2–7%	8.3%
Arcola-Nestoria complex	3e	7–15%	0.2%
Dulles silt loam	4w	0–2%	0.4%
Manassas silt loam	2e	2–7%	9.2%
Panorama silt loam	2e	2–7%	6.3%
Urban land-Udorthents complex	n/a	0–7%	75.6%

HISTORIC CONTEXT

Virginia's Native American prehistory typically is divided into three main periods, Paleoindian, Archaic, and Woodland, based on changes in material culture and settlement patterns. Recently, the possibility of a human presence in the region that pre-dates the Paleoindian period has moved from remote to probable; for this reason, a Pre-Clovis discussion precedes the traditional tripartite division of Virginia's Native American history. The cultural context, as defined by the Secretary of the Interior's *Standards and Guidelines* for Archaeology (United States Department of the Interior 1993) and DHR's *Guidelines for Conducting Historic Resource Surveys in Virginia* (2017), provides the historic, social, and environmental information required for evaluation of any archaeological and architectural resources present within the project area.

Prehistoric Period

Pre-Clovis (?-13,000 B.P.)

The 1927 discovery, in Folsom, New Mexico, of a fluted point in the ribs of an extinct species of bison proved that ancient North Americans had immigrated during the Pleistocene. It did not, however, establish the precise timing of the arrival of humans in the Americas, nor did it adequately resolve questions about the lifestyle of those societies (Meltzer 1988:2–3). Recent discoveries suggest that humans occupied the Americas, including Virginia, prior to the appearance of fluted points in the archaeological record. Both the stratigraphic record and the radiocarbon assays from the recently excavated Cactus Hill site in Sussex County suggest the possibility of human occupation of what is now Virginia well before the fluted point makers appeared on the scene (McAvoy and McAvoy 1997). The Cactus Hill site has radiocarbon dates of 15,000 years ago from sandy strata situated below levels containing fluted points (McAvoy and McAvoy 1997:165).

Fieldworkers excavating through levels containing Paleoindian chert artifacts and Clovistype fluted points recovered artifacts and charcoal separated from the Paleoindian level by 3–4 inches (7.6–10.2 cm) of sterile sands. Subsequent fieldwork confirmed the presence of artifact-bearing strata located between 3–8 inches (7.6–20.3 cm) below the fluted-point levels. The artifacts from the sub-fluted-point levels present a striking contrast with the tool kit used by Paleoindians. Rather than relying on extremely well-made and formalized chert knives, scraping tools, and spear points, the pre-Clovis peoples used a different but highly-refined stone technology. Prismatic blade-like flakes of quartzite, chipped from specially prepared cobbles and lightly worked along one side to produce a sharp edge, comprise the majority of the stone cutting and scraping tools. Sandstone grinding and abrading tools, possibly indicating production of wood and bone tools, also occurred in significant numbers in the deepest artifact-bearing strata. Because these tools do not possess characteristics which immediately identify them as dating to the Pleistocene, archaeologists recognize the possibility that 15,000-year old sites have been overlooked for years.

Paleoindian Period (13,000-10,000 B.P.)

The Paleoindian settlement-subsistence pattern revolved around hunting and foraging in small nomadic bands. Evidence for this occupation is recognized through distinctive 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). Most large Paleoindian period sites in the southeastern United States are guarry or guarry related (Meltzer 1988:21). Though the full range of available lithic resources was used to manufacture fluted points (e.g., Phelps 1983), a number of studies have noted a focus on cryptocrystalline materials (e.g., chert, jasper, chalcedony) (Gardner 1974, 1989; Goodyear 1979). The Paleoindian tool kit included scrapers, gravers, unifacial tools, wedges, hammerstones, abraders, and other tools used for chopping and smashing (Gardner 1989). The Williamson site, a chert quarry located in Dinwiddie County, is one of the best-preserved Paleoindian quarry and campsites in the country (Barber and Hubbard 1997:132).

In Culpeper County, archaeologists excavated the Brook Run site, which had a hearth feature with a radiocarbon date of 11,670 B.P., suggesting a Paleoindian occupation. Additional dates at the site provide evidence for a later Early Archaic occupation as well. This site sits on a jasper seam that would have provided good quality lithic material for tool production (Voigt 2004).

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 and 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 endscrapers (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, there is 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 longer. 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). 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). Mouer (1991:10) sees the primary cultural attributes of the first half of the Late Archaic as "small-group band organization, impermanent settlement systems, infrequent aggregation phases, and low levels of regional or areal integration and interaction." 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 also characterize of Late Archaic assemblages. Ground stone tools, including adzes, celts, and axes, are seen during this period with the grooved axe making its first appearance during the Late Archaic (Dent 1995:181–182). Holmes points appear near the end of the Late Archaic period (Dent 1995; Mouer 1991).

The period from approximately 4500 B.P.–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 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 could 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 led 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).

Transitional period sites tend to be larger than those of the Archaic periods, likely reflecting an increase in population. 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 soapstone vessels and broadspears. Broadspears associated with the later portion of the Late Archaic or Transitional period include the Savannah River, Susquehanna, and Perkiomen 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 (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, is thought to be the earliest ceramic ware 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). At approximately 1100 B.P., there is a shift from the earlier slab-construction techniques to coil-made 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 teardrop points sometimes classified as the Rossville and Piscataway types (Dent 1995; Mounier and Martin 1994).

The Middle Woodland is marked by the rise of "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 can north—south differences that correspond to river drainages that drain into the Chesapeake Bay or Albemarle Sound. The diversity of surface treatments increases after 1500 B.P., and analysis of the regional pottery indicates that the Potomac, the Rappahannock, and the 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 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 James River Piedmont include the quartz-tempered Gaston Simple Stamped and crushed rock-tempered Albemarle 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 present. 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.

Historic Period

Contact Period (1607–1750)

The Contact and early historic period refer to the time during which native groups had their first contact with Europeans and European goods. Prior to the arrival of Europeans, two Native American tribes occupied the area of what is now Prince William County primarily along the Potomac River—the Doegs and the Algonquians—while the Manahoacs, a Siouan tribe, were location in the western part of the county (Brown 1991). The Doegs had a structured society while the Manahoacs were a nomadic tribe of hunters (Brown 1991). 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.

Although early exploration of modern-day Prince William County began with Captain John Smith's treks up the rivers of the Chesapeake Bay from 1607–1609 (Geddes 1967:7), the roots of Prince William County history lie in the many transactions of land that occurred throughout the seventeenth and eighteenth centuries. These transactions formed the modern-day boundaries of counties and cities within the Commonwealth of Virginia and defined the land development that extends from the earliest eras of expansion to the contemporary period.

Prince William County was born out of a 5,200,000-acre (2,104,365-ha) plot of land given by King Charles II to John and Thomas Culpeper, investors in the Virginia Company, in 1649 (Geddes 1967:9; Poland 1978:7). The Culpepers deeded the majority of this land to Thomas Fairfax, Sixth Baron Fairfax of Cameron at the end of the seventeenth century. In 1702, Robert "King" Carter was employed as land agent and proprietor for Lord Fairfax to manage his property in the colonies, called the Northern Neck.

Prior to 1649, the entire Northern Neck had been designated by the Assembly as one large county called Northumberland. As the population grew and spread north and west, new counties were created. In 1653, Westmoreland County was founded, comprising the majority of the northern portion of Northumberland—at the same time, the first patent was issued for land in Prince William County in 1653 (Evans 1989:14). Stafford County was then created from the northern portion of Westmoreland in 1664. In each case, the new county encompassed the area between its southern border and the Potomac River (Netherton and Sweig 1978).

On July 9, 1730 the Assembly passed laws that established the area north of the Chopawamsic estuary as a new parish and county. The first settlers that populated this area came from England and Scotland before the Industrial Revolution, hoping to establish themselves and their posterity in power by means of land ownership (Evans 1989:24). The first settlements were simple warehouses and wharfs located along the rivers and creeks of eastern Prince William. Here, colonists loaded tobacco, exchanged slaves, and repaired ships. These landings existed as early as 1710 and would shift location as the Occoquan, Neabsco, Quantico, and Chopawamsic estuaries meandered and silted in (Scheel 1993).

Settlers slowly filtered into western Prince William County after 1722, when Native Americans exited the Piedmont and moved west into the Shenandoah Valley and points west (Evans 1989:24). As more settlers moved into the region, Native American trails were abandoned and adopted by settlers. By 1730, western settlers began to call the main thoroughfare path Carolina Road (in the vicinity of today's town of Haymarket, the name of Carolina Road is still in use as Route 15) (Vitucci and Ruehrwein 1991:24). Despite the development of this major pathway, there was no efficient method of transportation to wharves in the east, and tobacco cultivation in the western region of the county was curtailed. Most development occurred in the eastern half of Prince William County (Ratcliffe 1978) and along the tributaries of the Potomac River.

The first permanent settlement chartered in Prince William County was the Town of Dumfries, founded in 1749 by John Graham (Vitucci and Ruehrwein 1991:6). Dumfries quickly established itself as a county leader and became the county seat in 1759 (Evans 1989:22; Ratcliffe 1978:12). Located on Quantico Creek, Dumfries was a busy port, trading goods and services with both domestic and foreign harbors. However, the success of Dumfries would quickly run dry; by 1800, silt clogged the channels and limited the access of large ships into the port (Ratcliffe 1978:43).

Colony to Nation (1751–1789)

Following in the Virginia tradition, eastern Prince William County and what would become Manassas relied on monoculture tobacco cultivation and the associated slave trade as a primary source of income throughout the eighteenth century. Tobacco cultivation required intensive labor and relied on slave labor for its profitability.

As the waterways of Prince William County became impassable to larger ships, the Native American footpaths were quickly transitioned into roadbeds and toll roads. The Potomac Path, which ran along the Potomac River connected Alexandria to Fredericksburg and provided for north-south travel over land. The Potomac Path (now known as Jefferson Davis Highway/Route 1) connected to the turnpikes of Fairfax County and provided an extensive network for travel within northern Virginia (Vitucci and Ruehrwein 1991:24).

Early National Period (1790–1829)

As the century turned and the grain, vegetable, flax, and livestock need of the cities of the eastern seaboard took over the economic hold that tobacco had for nearly a century, old family estates broke up—giving way to smaller farmsteads and requiring fewer slaves. This transition and the fall of the plantation system led to economic recession and agricultural stagnation. Agricultural stagnation, a failing trade industry, and the silting waterways led to the decline of port cities like Dumfries and Occoquan. Prince William County looked to new settlers for agricultural and economic revival.

A century of tobacco production left a swath of depleted farmland, with little nutrient value and eroded top soils. Native settlers grew tired as newcomers, excited by a longer growing season and cheap farmland came from New York, New Jersey, and New England with new techniques and crops. Instead of raising and trading tobacco, new agriculturalists produced the fresh vegetables and staple crops needed by the growing urban centers along the eastern mid-Atlantic. They brought with them a new knowledge of agriculture, including the chemistry of fertilizers and the technique of crop rotation. These trends, as well as the turmoil and trade embargoes of the War of 1812, brought about significant change in the economy of Virginia, and especially northern Virginia.

Antebellum Period (1830–1860)

Religious and cultural change occurred as the influx of individuals from the north continued into the mid-nineteenth century. Many of the new settlers were Quakers, who brought with

them abolitionist attitudes and solidified the failing slave trade and transitional agricultural market.

As the nearby urban cores of Washington, D.C., and Alexandria, Virginia expanded (combined population of 90,000 in 1860), the proximity of fresh agricultural goods made the agricultural industry in northern Virginia profitable again (Netherton and Netherton 1992:13). Movement of agricultural goods was possible due to the growing road, rail, and canal systems of northern Virginia. The city of Manassas was founded due to this growth in rail travel. In 1853, the Manassas Gap railroad and Orange and Alexandria Railroads met at Manassas Junction, and a town was established at their juncture (Encyclopedia Britannica n.d.). The town incorporated two decades later (Encyclopedia Britannica n.d.).

The Civil War (1860–1865)

Five major battles took place within Prince William County and Manassas Junction, which would become the city of Manassas after the Civil War: the First Battle of Manassas (July 1861, also known as First Bull Run); the Second Battle of Manassas (August 1862, also known as Second Bull Run or Groveton); the Manassas Station Operations (August 1862), the Battle of Thoroughfare Gap (August 1862), and the Battle of Bristoe Station (October 1863). First Manassas was the first major land battle of the armies in Virginia. On July 16, 1861, Union Brigadier General Irvin McDowell marched an unskilled army from Washington against the Confederate army, which was behind Bull Run beyond Centreville. The day-long engagement required Confederate forces to retreat back to Henry Hill. Relying on the railroad system of Prince William County, southern reinforcements arrived from the Shenandoah Valley by train and assisted Brigadier Generals Joseph E. Johnston and P.G.T. Beauregard in defeating the federal troops. Over 60,000 troops were engaged in the fight; Union casualties numbered 2,950, while the Confederates lost 1,750 troops (National Park Service [NPS] 2002a; Ratcliffe 1978:112).

The Second Battle of Manassas (August 26–28, 1862) and the engagements at Manassas Station (August 25–27, 1862) and Thoroughfare Gap (August 28, 1862) were the culminating efforts of an offensive campaign waged by Confederate General Robert E. Lee and Major General Thomas "Stonewall" Jackson against the Army of Virginia, led by Major General John Pope (Figure 4-Figure 5, pp, 18–19). By securing Richmond earlier in the year, the Confederate leadership chose to confront Pope and push him further into northern territory. Pope attempted an uncoordinated attack on the first day of battle and was unsuccessful at pushing Jackson from his defensive position. On the following day Lee allowed Pope to fully engage with Confederate troops, while other southern forces, led by Longstreet, were able to envelope Pope. Union forces were overwhelmed and retreated towards Washington, D.C. (NPS 2002b; Ratcliffe 1978:113). This successful battle allowed "Stonewall" Jackson to make his way to Bristoe Station and destroy the Union supply depot located at Manassas Junction (NPS 2002c).

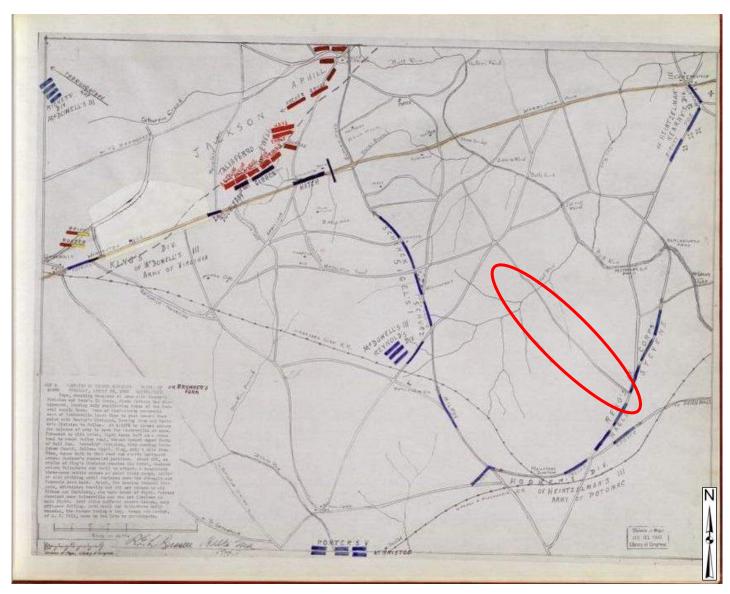


Figure 4: Second Manassas Annotated Map on August 28, 1862, with Approximate Project Area Circled in Red (Russell 1943).

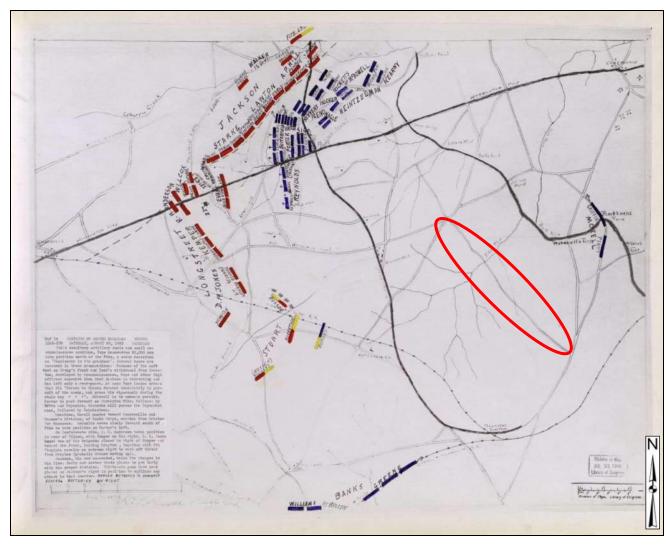


Figure 5: Second Manassas Annotated Map on August 30, 1862, with Approximate Project Area Circled in Red (Russell 1943).

It was during the Second Battle of Manassas on the morning of August 29th that Colonel Rosser moved his regiment to the left of the Manassas-Gainesville Road (Wellington Road) to engage the enemy (United States War Department 1889). In order to convince the enemy that the confederate force was stronger than it really was, Rosser was instructed to have his men drag brush up and down the road. This left traces very similar to that of a large army marching down the road, a ruse which Porter's report shows was a success (United States War Department 1889).

Meanwhile, a small skirmish had ensued at Thoroughfare Gap, where Union Brigadier General James Rickett unsuccessfully tried to advance toward Manassas. Rickett's loss enabled Confederate Lieutenant General James Longstreet to join other Confederate forces in Northern Virginia and engage at Manassas. Total losses at Thoroughfare Gap were less than 100 (NPS 2002d).

In October 1863, Union Major General George Meade was withdrawing his army toward Centreville to avoid exposing his flank to Lee's Confederates. Union Major Gen. Gouverneur K. Warren's II Corps followed. On October 14, Confederate General A.P. Hill's Third Corps harassed the rear of the Union V Corps at Bristoe Station. Hill was unaware of the movement of Warren's II Corps, who caught his army by surprise. Hill was unable to halt the movement of the Union troops, who continued their withdrawal to Centreville, effectively ending Lee's attempted offensive against the Army of the Potomac (NPS 2002e).

World War I to World War II (1917–1945)

As the United States grew closer to participation in World War I, the United States Marine Corps took on a greater role within the armed forces—expanding to be part of the American Expeditionary Force. The Marines had been stationed at naval bases since the Spanish-American War, but had since outgrown the space allotted to them. With a changing role (the Department of State had used the Marine Corps as a guerilla force in Central and Southern America), training conditions and bases needed to be modified (Blumenthal 2003:7). In 1917, Marine officers leased a plot of 5,300 acres (2,144.8 ha) located near Quantico. Later that year, the leasing company fell into hardship and was forced to sell the property to the United States government (Evans 1989:68). The Marine Corps Reservation continued to grow throughout World War II, promoting residential growth in Prince William County.

It was not until the completion of the training facilities at Quantico and the full onset of the depression that the eastern half of Prince William County would see the prosperity it saw during the days of early settlement and tobacco cultivation.

Prince William County evolved into a center of federal activity during the economic depression of the 1930s. Large tracts of submarginal land, depleted from the tobacco cultivation of the 1700s and 1800s, were prime for federal programs to use (Evans 1989:104). Recognizing the need for growing urban populations to have recreational opportunities, the Franklin D. Roosevelt Administration set this land aside in the early 1930s as a place for environmental education and recreation. The Civilian Conservation Corps constructed five cabin camps and several small lakes. In 1936, legislation established the area as the Chopawamsic Recreation Demonstration Area (NPS 2005). During World War II the

newly constructed cabin camps were used to house and train allied spies for the Office of Strategic Services, the precursor to the Central Intelligence Agency (Evans 1989:118). The park was returned to National Park Service stewardship after the war and has been named Prince William Forest Park since (Evans 1989:122; NPS 2005).

The New Dominion (1946–1991)

The years after World War II were crucial in defining the landscape of Prince William County today. The federal government expanded, bringing with it lobbying groups and research and development enterprises (Evans 1989:130). The 1956 Highway Act paved the way for Interstate 95, rolling southward from Washington, D.C. This superhighway allowed commuters an easy way to reach their offices within the District of Columbia (Evans 1989:130). Government expansion, returning veterans receiving housing incentives, and the creation of Interstates 95 and 66 allowed development to reach Prince William County by the late 1950s (Figure 6).

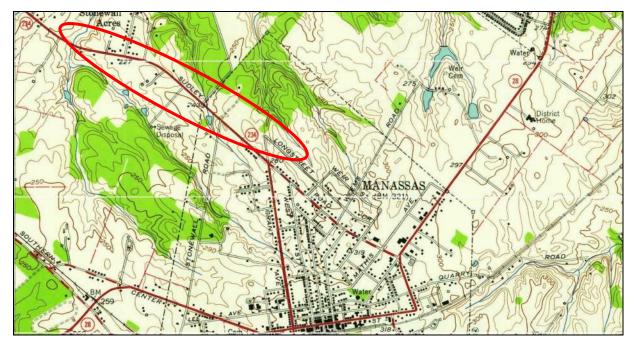


Figure 6: 1957 United States Geological Survey (USGS) Topographic Map with Approximate Project Area Circled in Red (USGS 1957).

The population of Prince William County has continued to increase at an exponential rate along with federal, military, and commercial activities. The county's population, which comprised 22,612 persons at the end of World War II, rose to approximately 215,686 people at the end of twentieth century (United States Census Bureau 1995). It is currently the fourth fastest growing county and the second most populous county in the state, after Fairfax (Prince William County Government 2014).

Post Cold War (1992–Present)

The commercial and residential development continue in the area due to its proximity to Washington, D.C., and the inclusion of a diverse economic base including tech industries and military offices and institutions. The establishment of the regional rail line, Virginia Railway Express (VRE), in 1992 provided another option to Washington, D.C., commuters (Taube 2008). The addition of the VRE and the busy Interstate 95 corridors have led to the creation of more residential subdivisions near those routes. The population of the county was estimated to be 468,011 persons in 2018, rising from 401,997 in 2010 and 280,813 in 2000 (United States Census Bureau 2001, 2019). Currently, Prince William is the second largest county in the commonwealth.

SURVEY METHODOLOGY

The goal of the archaeological survey was to identify any potentially significant archaeological sites more than 50 years old within the archaeological project area, and the goal of the architectural survey was to identify potentially significant above-ground resources more than 50 years old within the architectural project area. The survey methods employed to meet these goals were chosen with regard to the project's scope (i.e., the project's potential to affect significant resources, should they be present), the potential of the project area to contain significant cultural resources, and local field conditions. Based on the environmental setting and the previously recorded archaeological sites and architectural resources within 0.5 mile (0.8 km), the probability of discovering historic archaeological resources within the project area was thought to be moderate to low. Additionally, construction and other processes have impacted the project vicinity, lowering the likelihood that undisturbed significant archaeological resources exist within the project area.

Phase I Archaeological Survey

The archaeological survey consisted of a pedestrian survey, with subsurface testing to be undertaken in any areas considered suitable upon completion of pedestrian survey. Pedestrian survey identified disturbed portions of the project area. Pedestrian survey consisted of walking the entirety of the project area, conducting a visual inspection of the ground surface and structures located within, as well as extensive photo-recordation of the conditions encountered. Subsurface excavations, where determined necessary, were to include the systematic excavation of STPs at 50-foot (15.2-m) intervals along transects. STPs were to measure approximately 1.25 feet (38.1 cm) in diameter and be excavated to penetrate at least 0.3 feet (9.1 cm) into soils too old to contain evidence of human occupation—generally, well-developed B horizons. All soil excavated from STPs was to be passed through 0.25-inch (0.6-cm) hardware mesh cloth. Any undisturbed portions of the project area would also be subjected to systematic metal detector survey due to the potential for resources within the project area. Because of the generally narrow project area a Fisher Gold Bug metal detector was to be used to conduct the survey in a zig-zag pattern. Weather information, notations on disturbances, and other relevant data were recorded in field notes as necessary.

Architectural Reconnaissance Survey

The architectural survey was conducted to evaluate any historic buildings, structures, objects, or districts over 50 years in age within the architectural project area that were not evaluated for the NRHP within the past five years. In accordance with DHR survey guidelines, any previously recorded resource that has received a formal NRHP eligibility evaluation from DHR and was surveyed within the last five years was not physically revisited during the current survey (DHR 2017). The architectural project area was first reviewed through an architectural and historical background literature and records search at the DHR to identify any previously recorded properties in the project vicinity.

The architectural project area was then visually inspected through a vehicular and pedestrian reconnaissance to identify buildings, objects, structures, and districts over 50 years in age where a NRHP determination had not been made within the last five years. The resources were documented through written notes and digital photographs. The information obtained during the survey was then used to update or generate a new DHR Virginia Cultural Resource Information System (VCRIS) form and to make recommendations on each resource's NRHP potential.

Once identified, the historic significance and integrity of each resource was assessed and the property's NRHP eligibility evaluated. Each resource was evaluated with regard to Criterion A, for any associations with events that have made a significant contribution to the broad patterns of our history; Criterion B, for any associations with people significant in our nation's history; and Criterion C, for embodiment of distinctive characteristics of a type, period, method of construction, or that represent the work of a master and possess high artistic values. As part of the current survey, the architectural resources were not evaluated under Criterion D for its potential to yield information important in history. Criteria considerations were taken into account only where appropriate.

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 DHR site and survey file records, as well as examining the American Battlefield Protection Program's (ABPP) Civil War Sites Advisory Commission (CWSAC) maps for the area. Dovetail conducted a background record review to locate earlier surveys, previously recorded historic architectural properties, and archaeological sites near the project area. Five Previously recorded archaeological sites are located within 1 mile (1.6 km) of the project area, while 39 architectural resources were located within 0.5 miles (0.8 km) of the project area since the project is within a densely-populated area. Many of these were recorded during the eight previous cultural resources surveys found to have been conducted within a 1-mile (1.6-km) radius of the project area. The goal of this research was to provide data on previously recorded resources to aid in the evaluation of properties identified during the current survey. This section of the current document summarizes the findings of the background review only; this background review does not serve as the results of the architectural or archaeological surveys which are discussed in the subsequent chapters entitled "Results of Archaeological Fieldwork" and "Results of Architectural Fieldwork" (pp. 31 and 37).

CWSAC Map Review

According to CWSAC maps, the project area lies within the ABPP-defined Study Area for two Civil War Battlefields, Second Manassas and Manassas Station Operations. The boundaries for these battles were established by CWSAC, aided by ABPP, in the early 1990s and were revised in 2009. As part of the 2009 revision, the ABPP created a four-tiered system that included such factors as historic significance, current condition, and level of threat to determine preservation priorities among the battlefields (CWSAC 2009). The boundaries for these battles, as currently mapped, include the regions of direct fighting, the associated marching routes for soldiers, and the potential National Register (PotNR) boundaries of the battlefields.

As mentioned above, the project area is located within the ABPP-defined Study Area for Second Manassas (076-5190) and Manassas Station Operations (Bristoe Station Battlefield, 076-5036). Neither the ABPP Core Area nor PotNR boundaries of either of these battlefields lie within the project area, though the Core Area for Manassas Station Operations comes within 0.5 miles (0.8 km) of the project area. The PotNR area of both battlefields lie over 1 mile (1.6 km) from the project area. The association of the project area for these battlefields arises from the use of historic Sudley Road as a conduit for troop movements, which occurred in or near the project area as detailed above. These transitory activities are unlikely to result in significant archaeological deposits.

Maps reveal that there was minimal troop movement and likely not much actual fighting in the project area vicinity during the Second Battle of Manassas (see Figure 4, p. 18). Several Union regiments traveled north along Sudley Road on the morning of August 28, 1862, and

throughout the day. By the evening of August 28th, Rosser's Confederate Cavalry had moved west all the way to Gainesville, and Doubleday, Gibbon, and Hatch's Union Brigades skirmished with the Confederates near Groveton. It was a bloody three-hour battle at point-blank range that did not end until nightfall when the Union fell back. Richet's and McDowell's troops reinforced the Union numbers and traveled along Sudley Road later in the day and in the following several days (see Figure 4–Figure 5, pp. 18–19).

Previous Surveys

Eight previous cultural resource surveys have been undertaken within 1 mile (1.6 km) of the project area. Four of these surveys were undertaken in anticipation of transportation expansion or improvements, the remainder represent a number of underlying projects, including utility.

The earliest cultural resource survey on record within 1 mile (1.6 km) occurred when the Virginia Department of Transportation conducted a Phase I archaeological reconnaissance along Route 28, finding four archaeological loci described as twentieth century artifact scatters and not recorded formally as sites (Wamsley 1985). The next year, Thunderbird Archaeological Associates performed a survey in anticipation of a new residential development (Spilker 1986). This survey identified no cultural resources within the designated project area. In 1990, the Fairfax County Archaeological Survey conducted both Phase I and II archaeological work for the Manassas Museum, but did not identify any NRHP-eligible sites (McCarron 1990). William and Mary Center for Archaeological Research performed a cultural resource survey for a proposed widening of Route 776 (Jones et al. 1992). This survey also did not identify any new sites within 1 mile (1.6 km) of the project area.

Twelve years passed before the next survey was undertaken within 1 mile (1.6 km) of the project area, when Coastal Carolina Research performed an architectural study of the proposed location for a Tri-County Parkway, identifying 29 new resources, none of which is in the vicinity of the current project area (Stewart and Lautzenheiser 2004). Milner and Associates performed the next two surveys in the area, for a proposed widening of Wellington Road and a proposed sewer grade in 2005 and 2007, respectively (Jones and Seifert 2005; Goode et al. 2007). The 2005 survey identified two sites, 44PW1560 and 44PW1561, both of which were recommended not eligible for NRHP listing, while the 2007 survey identified no new sites. Finally, also in 2007, URS surveyed the grounds of Liberia House (44PW507, 155-0001), a previously identified resource (Arford 2007). They did not make a formal recommendation as to eligibility after this survey.

Previously Recorded Archaeological Sites

Only five previously recorded archaeological sites are located within 1 mile (1.6 km) of the project area (Table 2, p. 27). All five sites are historic, with no prehistoric sites located in the vicinity. The closest site is over 0.75 miles (1.2 km) away from the project area, likely indicative of the extensive development in the more immediate project vicinity. The closest site, 44PW0930, is a cemetery lacking marked graves. The remaining four sites include one

twentieth (44PW1560) and two nineteenth century (44PW0507 and 44PW1615) house sites, as well as 44PW0512, which includes both the remnants of a Civil War Earthwork and a twentieth century school. Only one of the sites, 44PW1560, has been given a formal NRHP eligibility evaluation by DHR, which was not eligible.

Table 2: Previously Recorded Archaeological Resources Located within a 1-Mile (1.6-km) Radius of the Project Area.

DHR#	Туре	Period	DHR Evaluation
44PW0507	Cemetery, Dwelling, single	19th Century	Not Evaluated
44PW0512	Earthworks, School	Civil War, Reconstruction and Growth World War I to World War II, The New Dominion, Post Cold	Not Evaluated
44PW0930	Cemetery	Historic/Unknown	Not Evaluated
44PW1560	Dwelling, single	20th Century: 3rd Quarter	Not Eligible
44PW1615	Dwelling, single	19th Century: 4th Quarter	Not Evaluated

Previously Recorded Architectural Resources

There are 39 previously recorded architectural resources within 0.5-miles (0.8-km) of the project area (Table 3, p. 28). Only four of the of these resources (076-0073, 076-5036, 076-5190, 076-5908) are located within the architectural project area. One of the previously recorded resources, the Manassas Historic District (155-0161) is listed in the NRHP, as well as the Virginia Landmarks Register. In addition, Bristoe Station Battlefield (076-5036), Second Battle of Manassas (076-5190), and First Battle of Manassas (076-5335) were previously determined by the DHR to be potentially eligible for NRHP inclusion. Three resources, a barn, single-family dwelling, and neighborhood (076-0073, 155-0062, and 076-5908), were previously determined by the DHR to be not eligible for inclusion in the NRHP. The remaining 32 resources had not been evaluated for NRHP eligibility. This group includes 30 single-family dwellings built between 1870 and 1990, one circa-1895 multi-family dwelling, and one neighborhood built in 1962.

Table 3: Architectural Resources Located within a 0.5-Mile (0.8-km) Radius of the Project Area.

DHR#	Name/Location of Property	Resource Type	Date	Previous NRHP Eligibility
155-0161	Manassas Historic District (NRHP Listing)	Historic District	Circa 1850	NRHP Listing, VLR Listing
076-5036	Bristoe Station Battlefield (Historic), Bull Run Bridge (Historic), Kettle Run Battlefield (Historic), Manassas Station Operations Battlefield (Historic), Union Mills (Historic)	Battlefield	1862	DHR Staff: Potentially Eligible
076-5190	Battle of Gainesville (Historic), Brawner's Farm (Historic), Groveton (Historic), Manassas Plains (Historic), Second Battle of Bull Run (Historic/Current), Second Battle of Manassas (Historic/Current)	Battlefield	Circa- 1862	DHR Staff: Potentially Eligible
076-5335	Brawner's Farm (Historic), First Battle of Bull Run (Historic), First Battle of Manassas (Historic), Gainesville (Historic), Groveton (Historic), Manassas Plains (Historic)	Battlefield	1861	DHR Staff: Potentially Eligible
076-0073	Barn at Sunny Brook (Historic/Current), Old Barrett Farm (Historic), Sunny Brook Farm (Historic)	Farm	Circa 1930	DHR Staff: Not Eligible
155-0062	Wenrich, H. D. House (Historic)	House	Circa 1906	DHR Staff: Not Eligible
076-5908	Sunnybrook Estates (Current Name)	Neighborhood	1954	DHR Staff: Not Eligible
076-5918	West Gate of Lomond (Current Name)	Neighborhood	1962	Not Evaluated
155-0055	Carolee Apartments (Historic), Conner, E.R., House (Current), Lebanon Hall (Historic), Stoever House (Historic)	House	Circa 1895	Not Evaluated

DHR#	Name/Location of Property	Resource Type	Date	Previous NRHP Eligibility
155-0061	Didlake-Coone House (Historic), Dr. R.E. Wine House (Historic), Edgemore (Historic)	House	1893	Not Evaluated
155-0065	Lipscomb, W. N., House (Historic)	House	Circa 1898	Not Evaluated
155-0131	Clark, Rev. T.D.D., House (Historic), Clark-Galleher House (Historic), Gallaher House (Current)	House	Circa 1906	Not Evaluated
155-0163	Hynson-Penn House (Historic)	House	Circa 1898	Not Evaluated
155-0164	Polen House (Historic), Polen-Guy House (Historic)	House	Circa 1900	Not Evaluated
155-0168	Conner, Minnie E., House (Historic)	House	Circa 1910	Not Evaluated
155-0170	Kane House (Historic), Pendleton-Fisher House (Historic)	House	Circa 1902	Not Evaluated
155-0171	Sinclair House (Historic), Sinclair-Jones House (Historic)	House	Circa 1890	Not Evaluated
155-0172	Davies House (Historic), Harrover House (Historic)	House	Circa 1900	Not Evaluated
155-0173	Steele House (Historic)	House	Circa 1915	Not Evaluated
155-0182	Naisawald House (Current), Taylor, T.O., House (Historic), Taylor- Naisawald House (Historic)	House	Circa 1870	Not Evaluated
155-0224	House, 9252 Beauregard Avenue (Function/Location)	House	Circa 1930	Not Evaluated
155-0309	House, 9000 Grant Avenue (Function/Location)	House	Circa 1951	Not Evaluated
155-0310	House, 9003 Grant Avenue (Function/Location)	House	Circa 1950	Not Evaluated
155-0311	House, 9004 Grant Avenue (Function/Location)	House	Post- 1960	Not Evaluated
155-0312	House, 9007 Grant Avenue (Function/Location)	House	1993	Not Evaluated
155-0313	House, 9008 Grant Avenue (Function/Location)	House	Circa 1970	Not Evaluated
155-0314	Buck House (Historic)	House	1913	Not Evaluated

DHR#	Name/Location of Property	Resource Type	Date	Previous NRHP Eligibility
155-0315	House, 9013 Grant Avenue (Function/Location)	House	Circa 1955	Not Evaluated
155-0316	House, 9016 Grant Avenue (Function/Location)	House	Circa 1915	Not Evaluated
155-0317	House, 9017 Grant Avenue (Function/Location)	House	Circa 1920	Not Evaluated
155-0318	Cooksey, Paul, House (Historic)	House	Circa 1920	Not Evaluated
155-0319	House, 9022 Grant Avenue (Function/Location)	House	Circa 1930	Not Evaluated
155-0320	House, 9027 Grant Avenue (Function/Location)	House	1990	Not Evaluated
155-0321	House, 9031 Grant Avenue (Function/Location)	House	Circa 1955	Not Evaluated
155-0322	House, 9032 Grant Avenue (Function/Location)	House	Circa 1900	Not Evaluated
155-0323	House, 9036 Grant Avenue (Function/Location)	House	1927	Not Evaluated
155-0324	House, 9037 Grant Avenue (Function/Location)	House	Circa 1965	Not Evaluated
155-0325	House, 9040 Grant Avenue (Function/Location)	House	1935	Not Evaluated
155-0326	House, 9100 Grant Avenue (Function/Location)	House	Circa 1965	Not Evaluated

RESULTS OF THE ARCHAEOLOGICAL FIELDWORK

The archaeological survey of the Sudley Road Third Lane Widening project area comprised pedestrian inspection of the entire project area for above-ground features or deposits of artifacts visible on the surface, to be followed by subsurface testing and controlled metal detecting if such testing was practicable within the archaeological project area. Upon visual inspection it was determined that the entirety of the project area was unsuitable for subsurface testing as detailed below. No archaeological resources were identified within the project area.

The visual inspection of the project area indicated that the entirety of the project footprint has been extensively disturbed. The project area is located along a major thoroughfare for Manassas and Prince William County, which has been extensively developed for commercial purposes. In addition, substantial portions of the project area are already paved. Notably a service road parallels Sudley Road within the project area for approximately one fourth of the project distance. In addition to this road, and of course Sudley Road itself, parking lots and driveways, as well as intersecting streets dominated the project area (Photo 5–Photo 7, pp. 32–32).

In addition to these paved areas, some areas of open grass were found within the project area. Upon close inspection of these areas, which consisted largely of narrow strips between sidewalk and road or parking lot islands, it was clear that most had been artificially graded, with consistently rounded artificial berms, or obvious ditches. Notably, as discussed above, the substantial majority of these areas were mapped as containing Udorthents or Urban Land soils, consistent with disturbance and the low likelihood of preserved/intact archaeological deposits. More important than these indicators of disturbance, the substantial majority of these grassy areas contained buried utilities (Photo 8–Photo 10, pp. 33–34). This mitigates against subsurface testing in a number of ways, first the disturbance necessitated for the installation of these utilities makes intact archaeological deposits unlikely, secondly, the presence of metal piping or electrical or cable transmission make metal detector survey impracticable, and most importantly excavation near these utilities is unsafe. Even within the small undeveloped portion at the western end of the project area, extensive grading, disturbance, and inundation were found within the project corridor (Photo 11, p. 35). Given these conditions it was determined that subsurface excavation, inclusive of systematic shovel testing and metal detector survey, within the project area was not warranted.



Photo 5: Sudley Road, Parallel Access Road, and Buried Utilities at East end of Project Area, Looking West.



Photo 6: Intersection on South Side of Project Area, Looking West.



Photo 7: Parking Lot and Buried Utilities in Project Area, Looking North.



Photo 8: Buried Utility Box in Narrow Strip of Grass Along Sudley Road, Looking East.



Photo 9: Pipeline Marker, with Fiber Optic Marker in Background, Looking East.



Photo 10: Graded Surface in Project Area, Looking West.



Photo 11: Culvert Location in West End of Project Area, Looking Southwest.

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RESULTS OF THE ARCHITECTURAL FIELDWORK

The architectural study included an investigation of previously recorded resources and any previously unrecorded resources over 50 years of age within the architectural project area, which includes the project footprint and a 300-foot (91.5-m) buffer. Dovetail identified 35 resources during the study, including four previously recorded resources and 31 newly recorded resources.

Previously Recorded Resources

Previously Recorded Resources Not Physically Revisited During the Current Survey

Three of the four previously recorded resources within the architectural project area were not revisited. Two of those resources, Bristoe Station Battlefield (076-5036) and Second Battle of Manassas (076-5190), are within the architectural project area, are listed in the NRHP, and were most recently surveyed less than five years ago (Figure 7, p. 38; Table 4, p. 39). In accordance with DHR guidelines, these resources were not physically revisited during this project. However, all of the newly recorded resources, discussed below, are located in one or both of these districts. The newly recorded resources postdate both districts' periods of significance and do not contribute to the historic integrity and architectural significance of the Second Battle of Manassas and Bristoe Station areas as a whole. Likewise, the newly recorded resources do not reflect the elements that make the historic district eligible for the NRHP. As such, the NRHP eligibility of 076-5036 and 076-5190 have not changed, and it is recommended that they retain their previous determination of potentially eligible. Sunnybrook Estates (076-5908), also recorded less than five years ago, was determined not eligible for the NRHP and was not resurveyed as part of the project fieldwork. Dovetail recommends that this resource retain its previous eligibility determination.

Previously Recorded Resources Revisited During the Current Survey

One resource, the Barn at Sunny Brook (076-0073), was surveyed during the current field study (Table 6, p. 41). This resource, a circa-1930 barn and associated silos, was first surveyed in 1975 and determined to be potentially eligible by DHR staff in 1985. However, following an architectural study in 2004 that noted a loss of historic integrity, DHR reversed their decision and determined that this resource was no longer eligible for listing in the NRHP. During the current survey, Dovetail found that the barns and silos have been demolished. Therefore, Dovetail **recommends that the resource remain not eligible for the NRHP under Criteria A–C.** As an architectural resource, it was not evaluated under Criterion D.

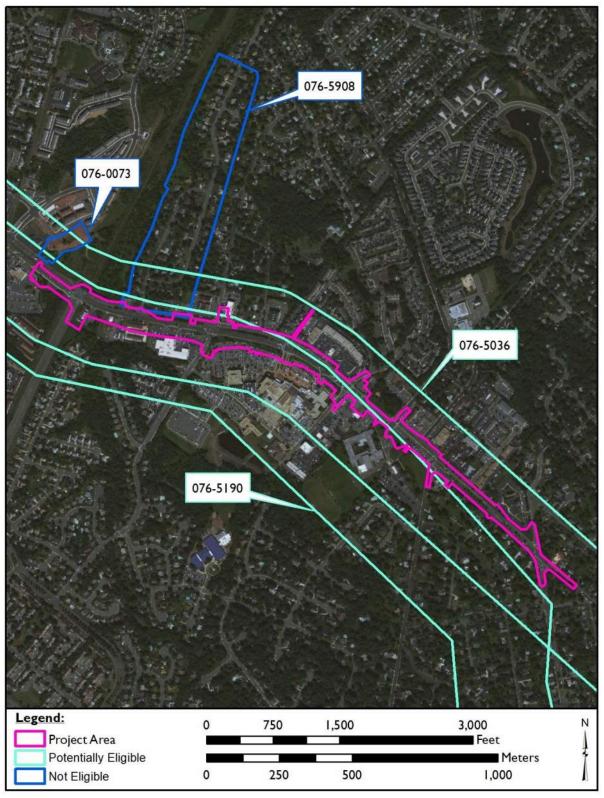


Figure 7: Previously Recorded Resources Within the Architectural Project Area (VGIN 2015).

Table 4: Previously Recorded Resources Located within the Architectural Project Area But Not Revisited.

DHR#	Name	Date	Previous NRHP Eligibility Status	Current Dovetail Recommendation
076-5036	Bristoe Station Battlefield (Historic), Bull Run Bridge (Historic), Kettle Run Battlefield (Historic), Manassas Station Operations Battlefield (Historic), Union Mills (Historic)	1862	DHR Staff: Potentially Eligible (2018)	Remains Potentially Eligible
076-5190	Battle of Gainesville (Historic), Brawner's Farm (Historic), Groveton (Historic), Manassas Plains (Historic), Second Battle of Bull Run (Historic/Current), Second Battle of Manassas (Historic/Current)	ca.1862	DHR Staff: Potentially Eligible (2018)	Remains Potentially Eligible
076-5908	Sunnybrook Estates	1954	DHR Staff: Not Eligible (2019)	Remains Not Eligible

Table 5: Previously Recorded Resources Revisited During the Current Survey within the Architectural Project Area.

DHR#	Name	Date	Previous NRHP Eligibility Status	Current Dovetail Recommendation
076-0073	Barn at Sunny Brook (Historic/Current), Old Barrett Farm (Historic), Sunny Brook Farm (Historic)	ca.1930	DHR Staff: Potentially Eligible (1985, 2004); DHR Staff: Not Eligible (2005)	Remains Not Eligible

Newly Recorded Resources

Thirty-one newly recorded resources that meet the NRHP age criteria were identified within the architectural project area (Table 6, p. 41; Figure 8–Figure 10, pp. 46–48). The resources consist of 23 dwellings, three commercial buildings, one hospital, three churches, and one former school now used by the Manassas Baptist Church.

A majority (n=23) of the newly recorded resources surveyed during this project are single-family dwellings built from circa 1949 to circa 1964. The dwellings tend to be one- and one-and-a-half-story to two-story, Minimal Traditional- and Ranch-style houses, and at least one is in the split-level form; most are set on continuous foundations, clad in brick veneer, and covered by gabled roofs. The dwellings often lack high levels of decorative embellishment, and it is common for these houses to be accompanied by outbuildings such as prefabricated sheds and garages. As a whole, many of the single-family dwellings and their associated outbuildings have undergone modifications and have lost much of their original historic fabric through window or door replacement or the construction of large-scale additions. Furthermore, they have no outstanding architectural elements and are not the known works of a master. For these reasons, they are recommended not eligible for the NRHP under Criterion C. They have no known association with a significant event or person and as such are recommended not eligible for the NRHP under Criteria A or B. As architectural resources, these properties were not evaluated under Criterion D.

Three of the newly recorded resources are commercial buildings constructed from circa-1962 to 1971. They are one-story, multi-bay buildings that house several businesses, and are all located in a cluster on the southwest side of Sudley Road. They are constructed using common materials and forms, and as such Dovetail recommends that the resources are not eligible for listing in the NRHP under Criteria A–C. As architectural resources, they were not evaluated under Criterion D.

The Novant Health UVA Prince William Medical Center at 8700 Sudley Road (155-5071) is a heavily modified building complex initially constructed circa-1964 and has been continuously altered since that time. The Novant Health UVA Prince William Medical Center has no significant architectural characteristics, and is not known to be related to an important event or person from history. As such, Dovetail recommends that the resource is not eligible for listing in the NRHP under Criteria A–C. As an architectural resource, it were not evaluated under Criterion D.

Three of the newly recorded resources are churches built from 1962 to 1970. All three churches are constructed in common forms and in styles common throughout this region. One church, the St. Thomas United Methodist Church (155-5092), was built circa-1962, but has a large circa-1992 addition. The churches bear no significant architectural characteristics, nor are they known to be related to an important event or person from history. As such, Dovetail recommends that the resources are not eligible for listing in the NRHP under Criteria A–C. As architectural resources, they were not evaluated under Criterion D.

Lastly, a former school owned by the Manassas Baptist Church is located within the architectural project area (155-5075). Built in 1964, the multi-bay, brick educational facility and associated athletic fields were converted for use by the Manassas Baptist Church. The school has no significant architectural characteristics, nor association with important event or historical person. As such, Dovetail recommends the churches not eligible for listing in the NRHP under Criteria A–C. As architectural resources, they were not evaluated under Criterion D.

Table 6: Newly Recorded Resources within the Architectural Project Area (in DHR # order).

DHR#	Name/Address	Date of Construction	Current Dovetail Recommendation	Photograph
155-5071	Novant Health UVA Prince William Medical Center, 8700 Sudley Road	ca. 1964 (with later additions)	Not Eligible	
155-5072	Commercial Building, 8704 Sudley Road	ca. 1964	Not Eligible	
155-5073	Commercial Building, 8712 Sudley Road	ca. 1962	Not Eligible	
155-5074	Commercial Building, 8718 Sudley Road	ca. 1972	Not Eligible	
155-5075	Manassas Baptist Church School "The Rock" building	ca. 1964	Not Eligible	
155-5076	Manassas Baptist Church	ca. 1966	Not Eligible	

DHR#	Name/Address	Date of Construction	Current Dovetail Recommendation	Photograph
155-5077	House, 8804 Sudley Road	ca. 1960	Not Eligible	
155-5078	House, 8806 Sudley Road	ca. 1960	Not Eligible	
155-5079	House, 8808–8810 Sudley Road	ca. 1960	Not Eligible	
155-5080	House, 8812 Sudley Road	ca. 1960	Not Eligible	
155-5081	House, 8900 Sudley Road	ca. 1955	Not Eligible	
155-5084	House, 8902 Sudley Road	ca. 1950	Not Eligible	

DHR#	Name/Address	Date of Construction	Current Dovetail Recommendation	Photograph
155-5086	House, 8904 Sudley Road	ca. 1953	Not Eligible	
155-5087	House, 8906 Sudley Road	ca. 1955	Not Eligible	
155-5088	House, 8908 Sudley Road	ca. 1955	Not Eligible	
155-5089	House, 8910 Sudley Road	ca. 1955	Not Eligible	
155-5091	House, 8902 Grant Avenue	ca. 1949	Not Eligible	
155-5082	House, 8919 Sudley Road	ca. 1960	Not Eligible	

DHR#	Name/Address	Date of Construction	Current Dovetail Recommendation	Photograph
155-5083	House, 8915 Sudley Road	ca. 1960	Not Eligible	
155-5085	House, 8899 Grant Avenue	ca. 1961	Not Eligible	
155-5092	St. Thomas United Methodist Church	ca. 1963	Not Eligible	
155-5093	Bethel Evangelical Lutheran Church	ca. 1970	Not Eligible	
155-5094	House, 8607 Sudley Road	ca. 1964	Not Eligible	
076-6001	House, 8561 Sudley Road	ca. 1960	Not Eligible	

DHR#	Name/Address	Date of Construction	Current Dovetail Recommendation	Photograph
076-6002	House, 8559 Sudley Road	ca. 1960	Not Eligible	
076-6003	House, 8557 Sudley Road	ca. 1961	Not Eligible	
076-6004	House, 8427 Impalla Drive	ca. 1961	Not Eligible	
076-6005	House, 8428 Impalla Drive	ca. 1961	Not Eligible	
076-6006	House, 8551 Sudley Road	ca. 1961	Not Eligible	
076-6007	House, 8605 Sudley Road	ca. 1950	Not Eligible	
155-5090	House, 8900 Grant Avenue	ca. 1958	Not Eligible	



Figure 8: Newly Recorded Resources Within the Architectural Project Area, Map 1 of 3 (VGIN 2015).

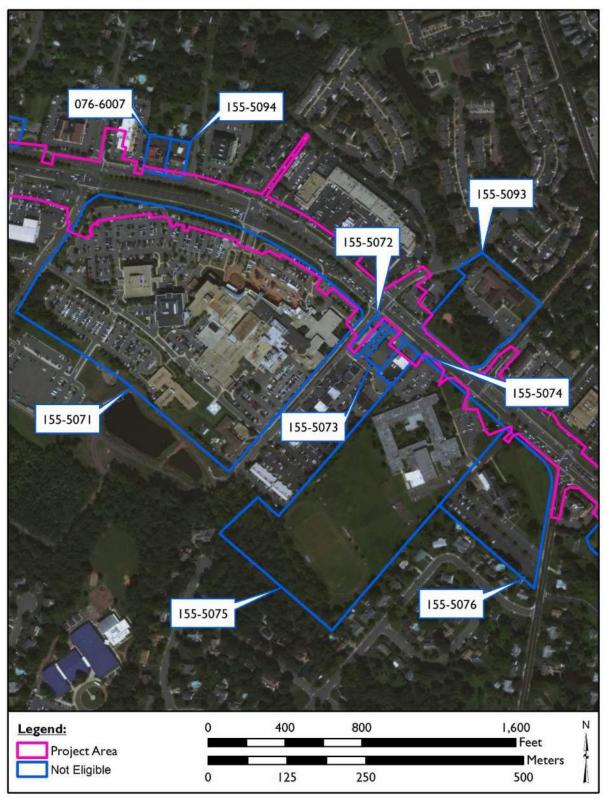


Figure 9: Newly Recorded Resources Within the Architectural Project Area, Map 2 of 3 (VGIN 2015).

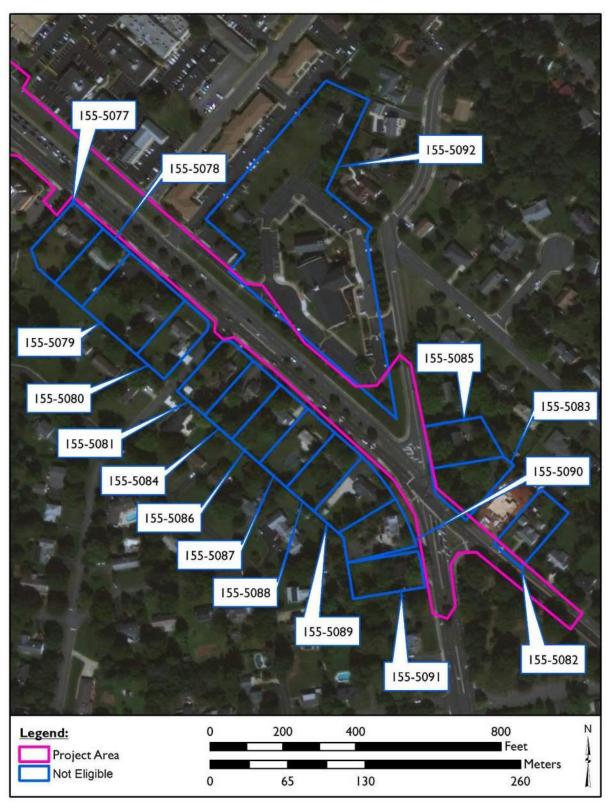


Figure 10: Newly Recorded Resources Within the Architectural Project Area, Map 3 of 3 (VGIN 2015).

SUMMARY AND RECOMMENDATIONS

On behalf of Kimley-Horn, Dovetail conducted a Phase I cultural resource survey for the Sudley Road Third Lane Widening project in the City of Manassas and Prince William County Virginia. The survey was completed in compliance with Section 106 of the National Historic Preservation Act and in accordance with DHR guidelines. The survey included an examination of the planned project area, encompassing, approximately 35.8 acres (15.4 ha). This included an archaeological component, consisting of pedestrian reconnaissance of the construction footprint, followed by subsurface testing where potential for undisturbed archaeological deposits was found, as well as an architectural survey of the architectural project area, involving above-ground resources. Because the project area is located within the ABPP-defined Study Area for both Second Manassas (076-5190) and Manassas Station Operations (also known as the Bristoe Station Battlefield [076-5036]), metal detector survey was conducted where potentially intact soils were encountered. The goal of the survey was to identify archaeological sites in the archaeological project area (project footprint) and architectural resources within the architectural project area (project footprint plus an additional 300-foot [91.5-m] buffer) and to make recommendations on the eligibility of any identified resources for inclusion on the NRHP.

The archaeological survey consisted of a pedestrian survey to determine the extent of modern disturbance in the project area, and identify any areas where potentially intact soils might remain that were suitable for subsurface testing. The pedestrian survey indicated that the entirety of the project area, which consisted of a narrow expansion of an existing road through a heavily developed area, was unsuitable for testing. The small portion of the project area that was not paved was dominated by artificially graded grass surfaces with extensive disturbance from buried utilities throughout. In addition, much of the project area contained Urban land-Udorthents soils, which further suggest prior disturbances.

The architectural survey identified 35 resources in the architectural project area that meet the age requirement for the NRHP (Table 7, p. 50). Of those, four had been previously recorded with DHR and 31 are newly recorded as part of the current project. Dovetail recommends that resources 076-5036 and 076-5190 remain potentially eligible for the NRHP and resources 076-0076 and 076-5908 should remain not eligible for the NRHP. In addition, Dovetail recommends that the 31 newly recorded resources are not eligible for the NRHP.

Table 7: Summary of Architectural Resources and Recommendations.

DHR#	Name and Address	Date of Construction	Current Dovetail Recommendation
076-0073	Barn at Sunny Brook	ca. 1930	Remains Not Eligible
076-5036	Bristoe Station Battlefield (Historic), Bull Run Bridge (Historic), Kettle Run Battlefield (Historic), Manassas Station Operations Battlefield (Historic), Union Mills (Historic)	1862	Remains Potentially Eligible
076-5190	Battle of Gainesville (Historic), Brawner's Farm (Historic), Groveton (Historic), Manassas Plains (Historic), Second Battle of Bull Run (Historic/Current), Second Battle of Manassas (Historic/Current)	ca.1862	Remains Potentially Eligible
076-5908	Sunnybrook Estates	1954	Remains Not Eligible
076-6001	House, 8561 Sudley Road	ca. 1960	Recommended Not Eligible
076-6002	House, 8559 Sudley Road	ca. 1960	Recommended Not Eligible
076-6003	House, 8557 Sudley Road	ca. 1961	Recommended Not Eligible
076-6004	House, 8427 Impalla Drive	ca. 1961	Recommended Not Eligible
076-6005	House, 8428 Impalla Drive	ca. 1961	Recommended Not Eligible
076-6006	House, 8551 Sudley Road	ca. 1961	Recommended Not Eligible
076-6007	House, 8605 Sudley Road, now the Dr. Kriger Foot Clinic (Office in converted house)	ca. 1950	Recommended Not Eligible
155-5072	Commercial Building, 8704 Sudley Road	ca. 1964	Recommended Not Eligible
155-5073	Commercial Building, 8712 Sudley Road	ca. 1962	Recommended Not Eligible
155-5074	Commercial Building, 8718 Sudley Road	ca. 1972	Recommended Not Eligible
155-5075	Manassas Baptist Church School	ca. 1964	Recommended Not Eligible
155-5076	Manassas Baptist Church	ca. 1966	Recommended Not Eligible
155-5077	House, 8804 Sudley Road	ca. 1960	Recommended Not Eligible
155-5078	House, 8806 Sudley Road	ca. 1960	Recommended Not Eligible
155-5079	House, 8808-8810 Sudley Road	ca. 1960	Recommended Not Eligible
155-5080	House, 8812 Sudley Road	ca. 1960	Recommended Not Eligible
155-5081	House, 8900 Sudley Road	ca. 1955	Recommended Not Eligible
155-5082	House, 8919 Sudley Road	ca. 1960	Recommended Not Eligible
155-5083	House, 8915 Sudley Road	ca. 1960	Recommended Not Eligible
155-5084	House, 8902 Sudley Road	ca. 1950	Recommended Not Eligible

DHR#	Name and Address	Date of Construction	Current Dovetail Recommendation
155-5085	House, 8899 Grant Avenue	ca. 1961	Recommended Not Eligible
155-5086	House, 8904 Sudley Road	ca. 1953	Recommended Not Eligible
155-5087	House, 8906 Sudley Road	ca. 1955	Recommended Not Eligible
155-5088	House, 8908 Sudley Road	ca. 1955	Recommended Not Eligible
155-5089	House, 8910 Sudley Road	ca. 1955	Recommended Not Eligible
155-5090	House, 8900 Grant Avenue	ca. 1958	Recommended Not Eligible
155-5091	House, 8902 Grant Avenue	ca. 1949	Recommended Not Eligible
155-5092	St. Thomas United Methodist Church	ca. 1963	Recommended Not Eligible
155-5093	Bethel Evangelical Lutheran Church	1970	Recommended Not Eligible
155-5094	House, 8607 Sudley Road	ca. 1964	Recommended Not Eligible

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APPENDIX A: PRINCIPAL INVESTIGATOR QUALIFICATIONS

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YEARS EXPERIENCE

With this firm: 13

With other firms: 13

EDUCATION

PhD/Anthropology & Architectural History, 2004

MA/Anthropology, 1999

MCert/Museum Management, 1999

BA/Historic Preservation, 1994

REGISTRATIONS/QUALIFICATIONS

Registered Professional Archaeologist

Secretary of Interior Standards Qualified as Archaeologist, Architectural Historian, and Historian

PUBLICATIONS/PRESENTATIONS/COMMITTEES

Board Member and Conference Committee Chair/American Cultural Resources Association (2013–present)

Co-Editor/Bulletin of the Archaeological Society of Delaware (2011-present)

Member/Fredericksburg Architectural Review Board (2010–present)

Co-Chair/Council of Virginia Archaeologists Award's Committee (2010–present)

Fredericksburg: The Official Guide (Editor, 2013)

A Woman in a War-Torn Town: The Journal of Jane Howison Beale, 1850–1862 (Editor, 2011)

Tectonics in the Piedmont; Environmental Archaeology on the Colonial Virginia Frontier. *Historical Archaeology* (2010)

City of Fredericksburg Historic Preservation Plan (Primary author, Adopted 2010)

Household Chore and Households Choices: Theorizing the Domestic Sphere in Historical Archaeology (2004)

KERRI S. BARILE, PHD, RPA

President/Principal Investigator

EXPERIENCE

Dr. Barile has over 25 years of professional experience in the fields of archaeology, architectural history, historic research, and cultural resource management (CRM). She has directed the excavation of a wide array of archaeological sites in Virginia, Delaware, Maryland, West Virginia, Texas, South Carolina, and North Carolina, among others, and has recorded and researched an abundance of historic buildings, structures, districts, and objects. She has written and contributed to over 250 CRM reports. In addition to CRM experience, Dr. Barile has taught university courses in historic preservation and preservation law, architectural history, and archaeology. She has also published numerous professional articles and papers on her studies, including articles in Historical Archaeology and several National Register of Historic Places nominations.

SAMPLE PROJECTS

Principal Investigator/AT&T Replacement Line Study (Columbus, Ohio, to Parkersburg, West Virginia). Cultural resource background review and coordination for an approximately 138-mile utility line.

Principal Investigator/Marriott Data Recovery (Fredericksburg, Virginia). Intensive archival research and archaeological data recovery on an eighteenth-century tavern and nineteenth-century carriage shop site in historic core. Included development of museum displays and many public talks.

Principal Investigator/Winchester Historic District NRHP Nomination (City of Winchester, Virginia).NRHP nomination for expansion to district to include 20th-century resources.

Principal Investigator/Ellis-Bell Archaeological Site (Fredericksburg, Virginia). Phase III archaeological study and archival research of 1830s kiln site.

Principal Investigator/Historic Tudor Place and Gardens (Washington, D.C.). All phases of cultural resource studies and preservation planning on a dozen archaeological and architectural projects throughout the historic plantation. Received the DC Excellence in Historic Preservation Award for this work.

Principal Investigator/Shops at Dakota Crossing/HUD Cultural Resource Studies and SHPO Coordination (Washington, D.C.). Phase I and Phase II cultural resource investigations, coordination of resource eligibility, and authorship of Memorandum of Agreement.

Principal Investigator/Southeast High Speed Rail Corridor Study (Raleigh, North Carolina, to Washington D.C.). Cultural resource studies and multi-state project effect coordination for 200+-mile long rail corridor.

Principal Investigator/ESNG Jennersville and Parkesburg Project (Chester County, Pennsylvania). Cultural resource studies and SHPO coordination for new 10-mile gas line in Pennsylvania.

Attachment E
Natural Resources Information



Memorandum

To: City of Manassas (c/o Bryan Foster)

From: Jessica Doherty

Kimley-Horn and Associates, Inc.

Date: June 16, 2020

Project: Sudley Road Third Lane

Manassas, Virginia

UPC #109293

Subject: Natural Resources Review

Project Description

Kimley-Horn and Associates, Inc. conducted an evaluation of the proposed project area for the presence of wetlands and waters as well as threatened and endangered species.

The proposed project consists of providing a third continuous northbound through lane for 1.2 miles of Sudley Road between Grant Avenue and Godwin Drive. This will include converting existing right-turn lanes to a shared through/right-turn lane where available and widening approximately 3,000 feet of Sudley Road where it is currently non-existent. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 200 feet to the south. The project includes installing curb and gutter, installing and upgrading guardrail, and adding sidewalk on the northern side of Sudley Road. A channelization island will be added at Grant Avenue and Sudley Road. Crosswalks will be added to the following intersections:

- Across Sudley Road at Godwin Drive;
- Across Impalla Drive at Sudley Road; and
- Across Sudley Road at Rolling Road

Wetlands and Waters Review

PROJECT IMPACTS TO WETLANDS AND WATERS OF THE U.S.

A wetland delineation was conducted by Kimley-Horn and confirmed by the US Army Corps of Engineers (USACE) in a Jurisdictional Determination (JD) letter (NAO-2019-02238) dated February 3, 2020 (see **Attachment A**). The delineation identified 0.01 acre of palustrine emergent (PEM) wetland and 0.03 acre of a palustrine forested (PFO) roadside ditch feature. 278 linear feet of perennial stream was identified which flows underneath Sudley Road through a four-cell box culvert. All of the above-mentioned features are located on the northwestern end of the project area at the intersection of Sudley Road and Godwin Drive. The proposed project will not result in impacts to wetlands or streams.



AGENCY COORDINATION

As no impacts to wetlands or streams are proposed as part of the project, no permits from the United States Army Corps of Engineers (USACE), the Department of Environmental Quality (DEQ), or the Virginia Marine Resources Commission (VMRC) are anticipated to be necessary.

Threatened and Endangered Species Review

The Virginia Department of Wildlife Resources (VDWR) Virginia Fish and Wildlife Information Service (VaFWIS), VDWR's Northern Long-Eared Bat (NLEB) Winter Habitat and Roost Trees Application, VDWR's Little Brown Bat (MYLU) and Tri-colored (PESU) Bat Winter Habitat and Roosts Application, U.S. Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPaC), Department of Conservation and Recreation's (DCR) National Heritage Data Explorer (NHDE), and Center for Conservation Biology (CCB) Bald Eagle Mapping Portal were reviewed to determine whether known federal or state threatened or endangered (T&E) species, wildlife, or plant resources have been documented within the project area or a two-mile radius of the project area. Documentation is provided in **Attachment B**.

VDWR VAFWIS

The VDWR VaFWIS Project Review Report, dated March 16, 2020, did not reveal documentation of confirmed occurrences of threatened or endangered species within the project area. It did, however, identify one species that has potential habitat within a 2-mile radius of the project area. The brook floater, *Alasmidonta varicosa*, listed as state endangered, has potential habitat in Flat Branch located within two miles of the project area. A response from VDWR was not received concerning this species per the National Environmental Policy Act (NEPA) agency scoping process. As no impacts to streams or wetlands are proposed as part of the project, no impacts to this species are anticipated.

VDWR's Northern Long-Eared Bat (NLEB) Winter Habitat and Roost Trees Application was reviewed to identify winter habitat within 0.25 miles of the project area or known maternity roost trees within 150 feet of the project area (accessed March 16, 2020). No known NLEB winter hibernaculum nor maternity roost trees were identified within the project area or referenced ranges. Therefore, it is not anticipated that the proposed project would have an adverse impact on this species.

VDWR's Little Brown Bat and Tri-colored Bat Winter Habitat and Roosts Application was reviewed to identify little brown bat (MYLU) and tri-colored bat (PESU) hibernaculum within 0.25 miles of the project area and known roost trees within 150 feet of the project area (accessed March 16, 2020). No known MYLU or PESU winter hibernaculum or maternity roost trees were identified within the project area or referenced ranges. Therefore, it is not anticipated that the proposed project would have an adverse impact on these species.

USFWS

The USFWS Official Species List, dated March 16, 2020, documented the following species that may occur within the vicinity of the project area:

Northern long-eared bat (*Myotis septentrionalis*), federally listed as threatened – No known NLEB winter hibernaculum or maternity roost trees were identified by VDWR's NLEB



Application within the project area or referenced ranges. The NLEB Consultation and 4(d) Rule Consistency determination key was also evaluated. Due to approximately 0.27 acre of tree removal, the determination key concluded that the project may affect the NLEB, although any take "that may occur as a result of the project is not prohibited under the Endangered Species Act (ESA) Section 4(d) rule adopted for this species at 50 CFR §17.40 (o)". While trees are being removed, the project will rely on the Programmatic Biological Opinion on Final 4(d) Rule to fulfill Section 7 responsibilities.

• Harperella (Ptilimnium nodosum), federally listed as endangered – No critical habitat has been designated for this species within the project area. Habitat for the Harperella as described on the Endangered Species List of the USFWS website (https://www.fws.gov/endangered/map/va-info.html) was used in an attempt to identify potential habitat within the project area during site reconnaissance on November 5, 2019. Because the presence of rocky or gravel shoals, sandbars or clear, swift-flowing water within the stream channel were not observed, it is believed that suitable habitat for the Harperella is not likely to be present within the project area. A not likely to adversely affect determination was concluded following a conference call with USFWS on January 21, 2020. Further coordination with USFWS will occur if this species is observed within the project area.

DCR NHDE

The project site was submitted to DCR through the Virginia Natural Heritage Data Explorer (NHDE) to identify natural heritage resources within the vicinity of the project area. Natural heritage resources are defined by DCR as "the habitat of rare, threatened, or endangered plant and animal species, unique or exemplary natural communities, and significant geological formations." DCR also typically provides comments regarding anticipated negative impacts and recommendations to avoid, minimize or mitigate impacts. DCR also represents the Virginia Department of Agriculture and Consumer Services (VDACS) in comments regarding potential impacts to state-listed threatened and endangered plant and insect species.

Based on an initial review by DCR included in Attachment D (dated March 16, 2020), natural heritage resources have not been documented within the submitted project area including a 100-foot buffer and the project area does not intersect any of the predictive models identifying potential habitat for natural heritage resources. According to this initial review, the current activity will not affect any documented state-listed plants or insects and DCR will provide no further comments on the project.

CCB

The CCB VaEagles Nest Locator was reviewed (accessed March 16, 2020) to identify known active bald eagle's nests within the project area or a 660-foot radius of the project area. No nests were identified within the project area or a 660-foot radius of the project area.



KIMLEY-HORN AND ASSOCIATES, INC.

Jessica Doherty

Environmental Scientist

Attachment A: Jurisdictional Determination Letter, dated February 3, 2020

Attachment B: Threatened and Endangered Species Database Results and Coordination



Attachment A: Jurisdictional Determination Letter



DEPARTMENT OF THE ARMY

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
FORT NORFOLK
803 FRONT STREET
NORFOLK VA 23510-1011

February 3, 2020

PRELIMINARY JURISDICTIONAL DETERMINATION

Northern Virginia Regulatory Section NAO-2019-02238 (tributaries to Flat Branch)

City of Manassas Attn: Michelle Brickner 8500 Public Works Drive Manassas, Virginia 20110

Dear Ms. Brickner,

This letter is in regard to your request for a preliminary jurisdictional determination for waters of the U.S. (including wetlands) on property known as the Sudley Road Third Lane project. The project site begins just east of the Fairmont Avenue/Sudley Road intersection and terminates at Rolling Road. The study area begins again just west of the Stonewall Road/Sudley Road intersection and terminates just east of the Grant Ave/Sudly intersection. The limits of review are located with the City of Manassas, Virginia.

The map titled "Figures 8: Photo Locations – Sudley Road Third Lane, City of Manassas, November 6, 2019", submitted by Kimley Horn (copy enclosed) provides the locations of waters and wetlands on the property listed above. The basis for this delineation includes application of the Corps' 1987 Wetland Delineation Manual (and Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region) and the positive indicators of wetland hydrology, hydric soils, and hydrophytic vegetation and the presence of an ordinary high water mark. This letter confirms waters, including wetlands, located only within the study boundaries, is not confirming the Cowardin classifications of these aquatic resources and does not authorize any work in these areas.

The Norfolk District has relied on the information and data provided by the applicant or agent. If such information and data subsequently prove to be materially false or materially incomplete, this verification may be suspended or revoked, in whole or in part, and/or the Government may institute appropriate legal proceedings.

Discharges of dredged or fill material, including those associated with mechanized landclearing, into waters and/or wetlands on this site may require a Department of the Army permit and authorization by state and local authorities including a Virginia Water Protection Permit from the Virginia Department of Environmental Quality (DEQ), a permit from the Virginia Marine Resources Commission (VMRC) and/or a permit from your local wetlands board. This letter is a confirmation of the Corps preliminary jurisdiction for the waters and/or wetlands on the subject property and does not

authorize any work in these areas. Please obtain all required permits before starting work in the delineated waters/wetland areas.

This is a preliminary jurisdictional determination and is therefore not a legally binding determination regarding whether Corps jurisdiction applies to the waters or wetlands in question. Accordingly, you may either consent to jurisdiction as set out in this preliminary jurisdictional determination and the attachments hereto if you agree with the determination, or you may request and obtain an approved jurisdictional determination. This preliminary jurisdictional determination and associated wetland delineation map may be submitted with a permit application.

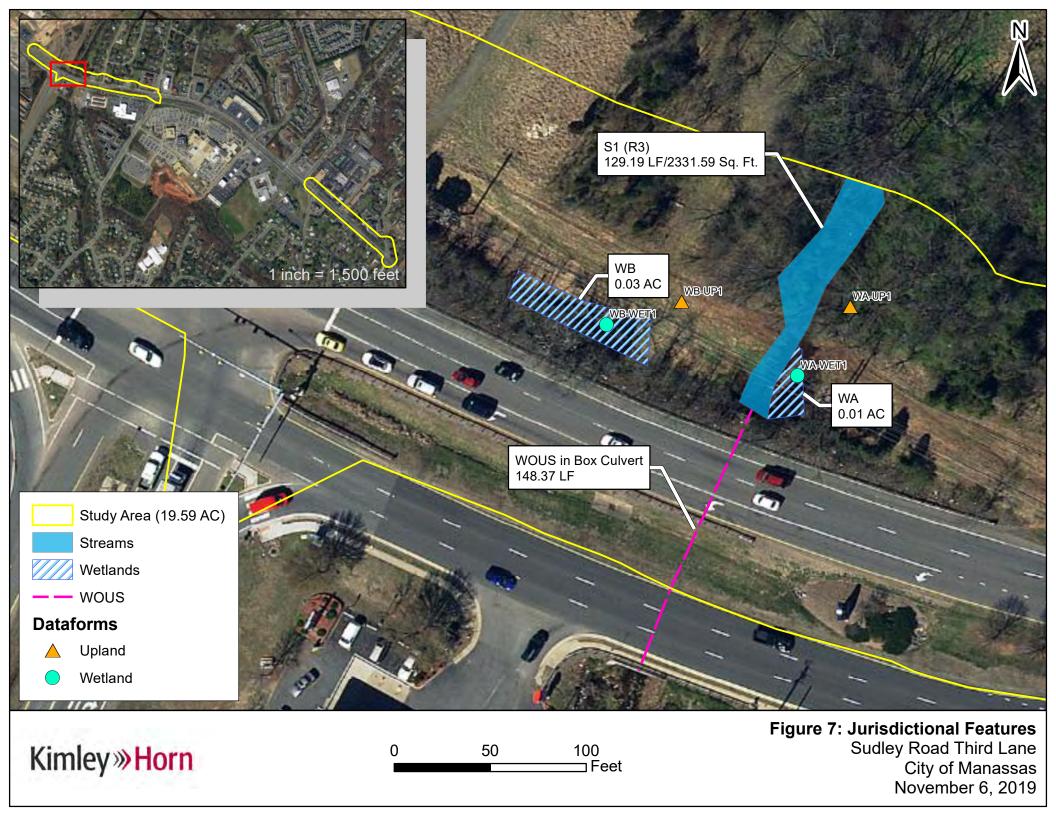
This delineation of waters and/or wetlands is valid for a period of five years from the date of this letter unless new information warrants revision prior to the expiration date. This preliminary jurisdictional determination and associated wetland delineation map may be submitted with a permit application.

If you have any questions, please contact Ms. Anna Lawston in the Warrenton Field Office at (540) 764-4459 or anna.r.lawston@usace.army.mil.

Sincerely,

Digitally signed by Anna Anna Lawston Date: 2020.02.03 13:18:51

Anna R. Lawston **Environmental Scientist** Northern Virginia Regulatory Section





ATTACHMENT PRLIMINARY JURISDICATION DETERMINEATION FORM

BACKGROUND INFORMATION

- A. REPORT COMPLETION DATE FOR PRELIMINARY JURISDICTIONAL DETERMINATION (JD): February 3, 2020
- B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD:

City of Manassas Attn: Michelle Brickner 8500 Public Works Drive Manassas, Virginia 20110

- C. DISTRICT OFFICE, FILE NAME, AND NUMBER: NAO-2019-02238, Sudley Road Third Lane
- D. PROJECT LOCATION(S)AND BACKGROUND INFORMATION (use the attached table to document multiple water bodies at different site):
 - State: Virginia County/Parish/Borough: City of Manassas
 - Name of nearest water body: tributaries of Flat Branch
 - Identify (estimate) amount of waters in the review area:

Wetlands (acres): wetlands

Cowardin class: .04

Waters (linear feet): approximately 278 linear feet

Cowardin Class: stream channel

L .	REVIEW PERFORMED FOR SITE EVALUATION (check all that apply):
	Office (desk) Determination.
	Field Determination.

- 1. The Corps of Engineers believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this preliminary JD is hereby advised of his or her option to request and obtain an approved jurisdictional determination (JD) for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.
- 2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based

on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) that the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization: (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the subject permit authorization without requesting an approved JD constitutes the applicant's acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. 331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable. This preliminary JD finds that there "may be" waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA: DATA REVIEWED FOR PRELIMINARY JD (check all that apply): (checked items should be included in case file and, where checked and requested, appropriately reference sources below):

☑Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant:
map titled "Figures 8: Photo Locations – Sudley Road Third Lane, City of
Manassas, November 6, 2019", submitted by Kimley Horn
☑Data sheets prepared/submitted by or on behalf of the applicant/consultant.
Office concurs with data sheets/delineation report and delineation map.
Office does not concur with data sheets/delineation report.
☐Data sheets prepared by the Corps:
☐Corps navigable waters' study:
☐U.S. Geological Survey Hydrologic Atlas:
☐USGS NHD data
☐USGS 8 and 12 digit HUC maps
U.S. Geological Survey map(s). Cite scale & quad name:
USDA Natural Resources Conservation Service Soil Survey
•

⊠National wetlands inventory map(s).
State/Local wetland inventory map(s):
FEMA/FIRM maps:
100-year Floodplain Elevation is (National Geodectic Vertical Datum of 1929):
Photographs: Aerial (Name & Date):
Other (Name & Date):
Previous determination(s). File no. and date of response letter:

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

Anna Lawston Digitally signed by Anna Lawston Date: 2020.02.03 13:18:39 -05'00'

Signature and date of Regulatory Project Manager

Signature and date of person requesting preliminary JD





DEPARTMENT OF THE ARMY US ARMY CORPS OF ENGINEERS

ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
FORT NORFOLK
803 FRONT STREET
NORFOLK VA 23510-1011

July 23, 2021

PRELIMINARY JURISDICTIONAL DETERMINATION

Northern Virginia Regulatory Section NAO-2019-02238 (tributaries to Flat Branch)

Michelle Brickner City of Manassas 8500 Public Works Drive Manassas, Virginia 20110

Dear Ms. Brickner:

This letter is in regard to your request for a preliminary jurisdictional determination of the aquatic resources (e.g., wetlands, streams, and ponds), on property known as Sudley Road Third Lane project. The project site begins just east of the Fairmont Avenue/Sudley Road intersection and terminates at Rolling Road. The study area begins again just west of the Stonewall Road/Sudley Road intersection and terminates just east of the Grant Ave/Sudley intersection. The study area is located in the City of Manassas, Virginia hereinafter referred to as project area.

The map entitled "Sudley Road Third Lane", by Kimely-Horn dated July 2021 and received by the U.S. Army Corps of Engineers (Corps) on July 6, 2021 (copy enclosed) provides the locations of the aquatic resources within the project area referenced above. This letter is not confirming the Cowardin classifications of these aquatic resources.

These aquatic resources exhibit wetland criteria as defined in the 1987 Corps of Engineers Wetland Delineation Manual, and the Eastern Mountains and Piedmont Regional Supplement. This site also contains aquatic resources with an ordinary highwater mark.

This preliminary jurisdictional determination and associated aquatic resource delineation map may be submitted with a permit application.

Please be aware that you may be required to obtain a Corps permit for any discharge of dredged and/or fill material, either temporary or permanent, into a water of the U.S. In addition, you may be required to obtain a Corps permit for certain activities occurring within, under, or over a navigable water of the U.S. subject to the Section 10 of the Rivers and Harbors Act. Furthermore, you may be required to obtain state and local authorizations, including a Virginia Water Protection Permit from the Virginia

Department of Environmental Quality (DEQ), a permit from the Virginia Marine Resources Commission (VMRC), and/or a permit from your local wetlands board.

This delineation and preliminary jurisdictional determination may not be valid for the Wetland Conservation Provisions of the Food Security Act of 1985, as amended. Therefore, if you or your tenant are US Department of Agriculture (USDA) program participants, or anticipate participation in USDA programs, you should discuss the applicability of a certified wetland determination with the local USDA service center, prior to starting work.

The Norfolk District has relied on the information and data provided by the agent to make this preliminary determination. If it is determined such information and data are materially false or materially incomplete, a new preliminary determination would be necessary.

This is a preliminary jurisdictional determination and is not a legally binding determination regarding whether Corps jurisdiction applies to the aquatic resources in question. To determine Corps' jurisdiction, you may request and obtain an approved jurisdictional determination.

This delineation of aquatic resources can be relied upon for no more than five years from the date of this letter. New information may warrant revision. Enclosed is a copy of the "Preliminary Jurisdictional Determination Form". Please review the document, sign, and return one copy to the Corps, either by email (Theresita.M.Crockett-Augustine@usace.army.mil) or by standard mail to Attn: Theresita Crockett-Augustine, U.S. Army Corps of Engineers, Norfolk District, Fredericksburg Field Office, 1329 Alum Spring Road, Suite 102, Fredericksburg, VA 22401.

If you have any questions, please contact the office either by telephone at (757) 201-7194 or by email at Theresita.M.Crockett-Augustine@usace.army.mil.

Sincerely,

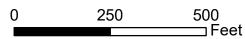
Theresita Crockett-Augustine
Theresita Crockett-Augustine
Project Manager, Northern Virginia
Regulatory Section

Enclosures:

cc: Kimley-Horn







gure 1: Wetland Delineation within Revised Study Area Sudley Road Third Lane City of Manassas July 2021

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PJD: 23-JUL-2021

B. NAME AND ADDRESS OF PERSON REQUESTING PJD:

Brickner, Michelle City of Manassas 8500 Public Works Drive Manassas, VA 20110

C. DISTRICT OFFICE, FILE NAME, AND NUMBER:

NAO, Sudley Road Third Lane, NAO-2019-02238

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: (USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES)

State: VA County/parish/borough: Prince William County City:

Center coordinates of site (lat/long in degree decimal format):

Lat.: 38.770462° Long.: -77.49436° Universal Transverse Mercator: 18 Name of nearest waterbody: Flat Branch

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

- ☐ Field Determination. Date(s):

TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY JURISDICTION.

Site Number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non- wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
Stream 1	38.770462	-77.49436	130 feet	Non-wetland waters	Section 404
WA	38.770462	-77.49436	0.03 acres	Wetland	Section 404
WB	38.770462	-77.49436	0.01 acres	Wetland	Section 404

- 1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.
- 2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit

¹ Districts may establish timeframes for requester to return signed PJD forms. If the requester does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.

Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM

applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there "may be" waters of the U.S. and/or that there "may be" navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for PJD (check all that apply)

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

\boxtimes	Maps, plans, plots or plat submitted by or on behalf of the PJD requestor:
	Map: _Revised Study Area – Sudley Road Third Lane – City of Manassas – July 2021
\boxtimes	Data sheets prepared/submitted by or on behalf of the PJD requestor.
	☐ Office concurs with data sheets/delineation report.
	☐ Office does not concur with data sheets/delineation report. Rationale:
	Data sheets prepared by the Corps:
	Corps navigable waters' study:
	U.S. Geological Survey Hydrologic Atlas:
	☐ USGS NHD data.
	□ USGS 8 and 12 digit HUC maps.
	U.S. Geological Survey map(s). Cite scale & quad name:
	Natural Resources Conservation Service Soil Survey. Citation:
	National wetlands inventory map(s). Cite name:
	State/local wetland inventory map(s):

¹ Districts may establish timeframes for requester to return signed PJD forms. If the requester does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.

Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM

	FEMA/FIRM maps:	
	100-year Floodplain Elevation is:	(National Geodetic Vertical Datum of 1929
		Aerial (Name & Date):
	□ or □	Other (Name & Date):
\boxtimes		nd date of response letter: NAO-2019-02238/ 2/3/2020
	Other information (please specify):	<u> </u>
	TANT NOTE: The information records	ed on this form has not necessarily been verified by relater jurisdictional determinations.
	usita Crockett-Augustine ure and date of Regulatory staff er completing PJD	Signature and date of person requesting PJD (REQUIRED, unless obtaining the signature is impracticable) ¹

¹ Districts may establish timeframes for requester to return signed PJD forms. If the requester does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.



Attachment B: Threatened and Endangered Species Database Results and Coordination

Threatened and Endangered Species Database Pulls - April 2021

UNITED STATES FISH AND WILDLIFE SERVICE



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Virginia Ecological Services Field Office 6669 Short Lane Gloucester, VA 23061-4410 Phone: (804) 693-6694 Fax: (804) 693-9032 http://www.fws.gov/northeast/virginiafield/

In Reply Refer To:

April 14, 2021

Consultation Code: 05E2VA00-2020-SLI-0498

Event Code: 05E2VA00-2021-E-09128 Project Name: Sudley Road Third Lane

Subject: Updated list of threatened and endangered species that may occur in your proposed

project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). Any activity proposed on National Wildlife Refuge lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered

species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan

(http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Virginia Ecological Services Field Office 6669 Short Lane Gloucester, VA 23061-4410 (804) 693-6694

Project Summary

Consultation Code: 05E2VA00-2020-SLI-0498
Event Code: 05E2VA00-2021-E-09128
Project Name: Sudley Road Third Lane
Project Type: TRANSPORTATION

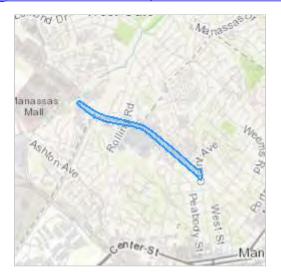
Project Description: The City of Manassas is proposing to provide a third continuous

northbound through lane for 1.2 miles of Sudley Road between Grant Avenue and Godwin Drive. This will include converting existing right-turn lanes to a shared through/right-turn lane where available, and widening approximately 3,000 feet of Sudley Road where it is currently non-existent. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 200 feet to the south. The project includes installing curb and gutter, installing and upgrading guardrail, and adding sidewalk on the northern side of Sudley Road. A channelization island will be added at Grant Avenue and Sudley Road. Crosswalks will be added to the following intersections:

- Across Sudley Road at Godwin Drive;
- Across Impalla Drive at Sudley Road; and
- Across Sudley Road at Rolling Road

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@38.767246506113054,-77.4843023533148,14z



Counties: Manassas and Prince William counties, Virginia

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME

Northern Long-eared Bat Myotis septentrionalis

No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045

Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

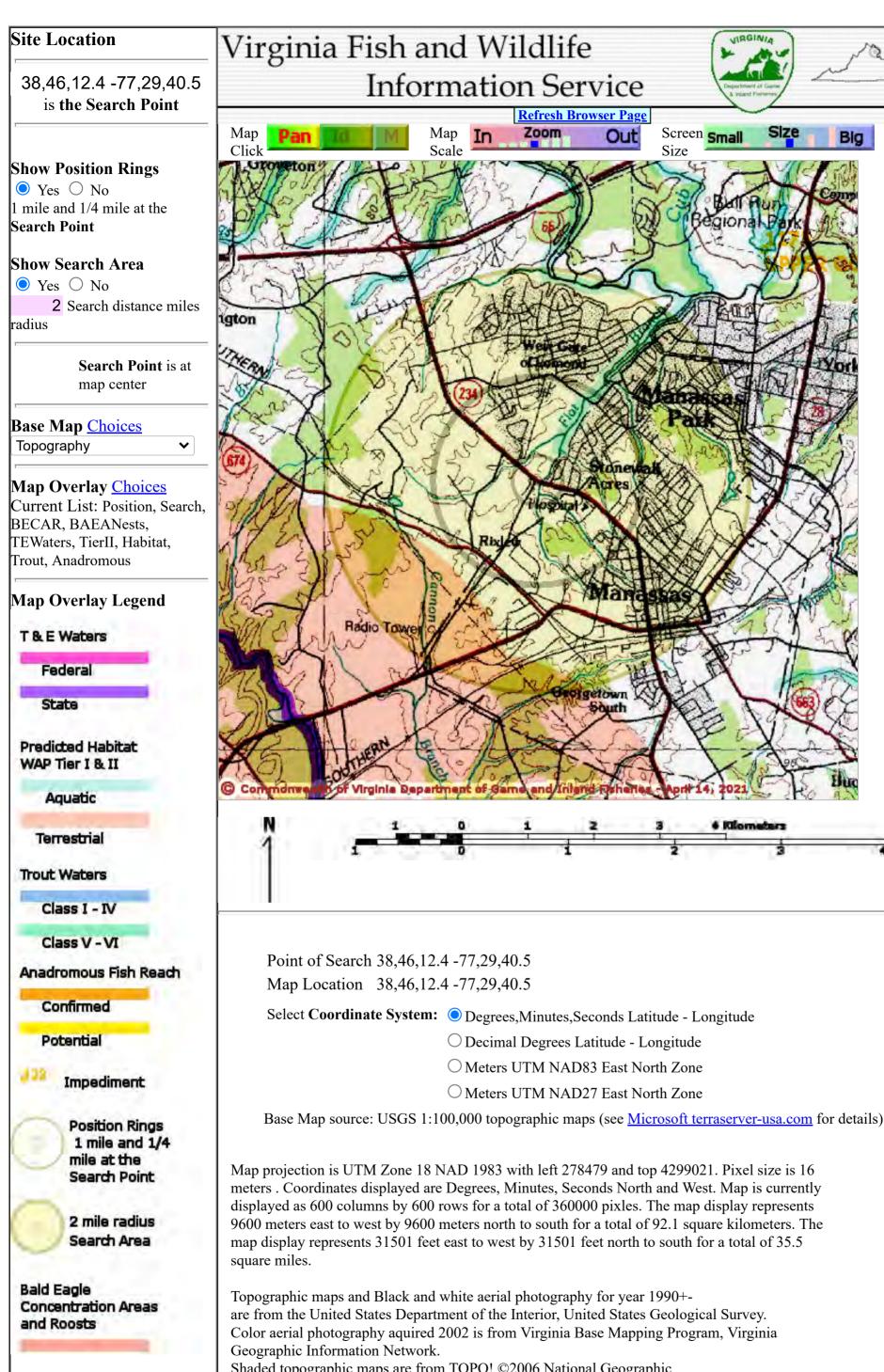
Species Conclusions Table

Project Name: Sudley Road Third Lane UPC# 109293

Date: April 14, 2021

Species / Resource Name	Conclusion	ESA Section 7	Notes / Documentation
Northern Long-eared Bat (Myotis septentrionalis)		May effect	Dkey
Bald Eagle (Haliaeetus leucocephalus)	Unlikely to disturb nesting bald eagles, does not intersect with an eagle concentration area.	No Eagle Act permit required	
Critical Habitat	No critical habitat present		

VIRGINIA DEPARTMENT OF WILDLIFE RESOURCES



<u>Help</u>

4 Miles

Blg

Shaded topographic maps are from TOPO! ©2006 National Geographic

http://www.national.geographic.com/topo

All other map products are from the Commonwealth of Virginia Department of Game and Inland Fisheries.

map assembled 2021-04-14 17:08:50 (qa/qc March 21, 2016 12:20 - tn=1089118.0 dist=3218.688 I) \$poi=38.7701111 -77.4945833

| <u>DGIF</u> | <u>Credits</u> | <u>Disclaimer</u> | Contact <u>vafwis_support@dgif.virginia.gov</u> | Please view our <u>privacy policy</u> | © 1998-2021 Commonwealth of Virginia Department of Game and Inland Fisheries

Home » By Map » VaFWIS GeographicSelect Options

Options Species Information By Name

By Land Management

References

Geographic Search

By Map

By Coordinates

By Place Name

Database Search

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VaFWIS Search Report Compiled on 4/14/2021, 5:08:38 PM

Known or likely to occur within a 2 mile radius around point 38,46,12.4 -77,29,40.5 in 059 Fairfax County, 153 Prince William County, 683 Manassas City, 685 Manassas Park City, VA View Map of Site Location

732 Known or Likely Species ordered by Status Concern for Conservation (displaying first 32) (32 species with Status* or Tier I** or Tier II**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
010032	FESE	lb	Sturgeon, Atlantic	Acipenser oxyrinchus		BOVA
050022	FTST	la	Bat, northern long-eared	Myotis septentrionalis		BOVA
060029	FTST	lla	<u>Lance, yellow</u>	Elliptio lanceolata		BOVA,HU6
050020	SE	la	Bat, little brown	Myotis lucifugus		BOVA
050027	SE	la	Bat, tri-colored	Perimyotis subflavus		BOVA
060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Potential</u>	BOVA,Habitat,HU6
030062	ST	la	Turtle, wood	Glyptemys insculpta		BOVA,HU6
040096	ST	la	<u>Falcon, peregrine</u>	Falco peregrinus		BOVA
040293	ST	la	Shrike, loggerhead	Lanius Iudovicianus		BOVA
040379	ST	la	Sparrow, Henslow's	Centronyx henslowii		BOVA,HU6
100155	ST	la	Skipper, Appalachian grizzled	Pyrgus wyandot		BOVA,HU6
040292	ST		Shrike, migrant loggerhead	Lanius Iudovicianus migrans		BOVA
030063	cc	Illa	Turtle, spotted	Clemmys guttata		BOVA,HU6
030012	cc	IVa	Rattlesnake, timber	Crotalus horridus		BOVA
010077		la	Shiner, bridle	Notropis bifrenatus		BOVA
040040		la	<u>Ibis, glossy</u>	Plegadis falcinellus		BOVA,HU6
040306		la	Warbler, golden-winged	Vermivora chrysoptera		BOVA
100248		la	Fritillary, regal	Speyeria idalia idalia		BOVA,HU6
040213		lc	Owl, northern saw-whet	Aegolius acadicus		BOVA,HU6
040052		lla	Duck, American black	Anas rubripes		BOVA,HU6
040033		lla	Egret, snowy	Egretta thula		BOVA
040029		lla	Heron, little blue	Egretta caerulea caerulea		BOVA
040036		lla	Night-heron, yellow-crowned	Nyctanassa violacea violacea		BOVA
040181		lla	Tern, common	Sterna hirundo		BOVA,HU6
040320		lla	Warbler, cerulean	Setophaga cerulea		BOVA,HU6
040140		lla	Woodcock, American	Scolopax minor	<u>Potential</u>	BOVA,BBA,HU6
060071		lla	<u>Lampmussel, yellow</u>	Lampsilis cariosa		BOVA
040203		IIb	Cuckoo, black-billed	Coccyzus erythropthalmus		BOVA
040105		IIb	Rail, king	Rallus elegans		BOVA
040304		IIc	Warbler, Swainson's	Limnothlypis swainsonii		BOVA,HU6
100154		IIc	Butterfly, Persius duskywing	Erynnis persius persius		BOVA,HU6
100166		IIc	Skipper, Dotted	Hesperia attalus slossonae		HU6

To view All 732 species View 732

*FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; CC=Collection Concern

*I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

A control ground management strategies/actions exist and can be feasibly implemented.; b - On the ground actions or research needs have been identified but cannot feasibly be implemented at this time.; c - No on the ground actions or research needs have been identified conservation.

View Map of All Query Results from All Observation Tables

Bat Colonies or Hibernacula: Not Known

Anadromous Fish Use Streams

Impediments to Fish Passage

N/A

Colonial Water Bird Survey

N/A

Threatened and Endangered Waters

Managed Trout Streams

Bald Eagle Concentration Areas and Roosts

N/A

Bald Eagle Nests

N/A

Species Observations (30 records - displaying first 20)

View Map of All Query Results
Species Observations

			<u>opecies ouservations</u>					
		Data Ohaanaa J			N Species			
obsID	class	Date Observed	Observer	Different Species	Highest TE*	Highest Tier**		
317201	SppObs	Jun 23 2006	Christine Geist	1		III		
335100	SppObs	Jan 1 1975	DPK-B-KELSO	11		III		
613192	SppObs	May 31 2011	Mark; Causey	1				
611652	SppObs	Jan 16 2010	Mark; Causey	1				
611653	SppObs	Jan 16 2010	Mark; Causey	1				
602013	SppObs	May 27 2009	Mark; Causey	1				
601384	SppObs	May 26 2008	Mark; Causey	1				
<u>375721</u>	Aquatics	Sep 28 2007	B. T. Watson, M. E. Bradley	5				
<u>320605</u>	SppObs	May 27 2007	Mark Causey	1				
317010	SppObs	May 30 2006	Mark Causey	1				
425374	SppObs	Sep 27 2005	VCU - INSTAR	2				
312739	SppObs	May 29 2005	Mark Causey	1				
302340	SppObs	Jun 23 2003	Mark Causey	1				
300856	SppObs	Jun 30 2002	Mark Causey	1				
<u>300855</u>	SppObs	Jun 22 2002	Mark Causey	1				
300881	SppObs	May 27 2002	Mark Causey	1				
300223	SppObs	Jun 17 2001	Mark F. Causey, Ken H. Bass, Liam J. McGranaghan	1				
<u>67906</u>	SppObs	Apr 26 2001	Lee Goodwin (principle permittee), J. Ivers and T. Wasaff (collectors)	4				
<u>56487</u>	SppObs	Jun 1 1997	BILLY M. TEELS, DIRECTOR, WETLAND SCIENCE INSTITUTE, USDA, NATURAL RESOURCES, CONSERVATION SERVICE, LAUREL, MD	9				
425384	SppObs	Jun 1 1997	VCU - INSTAR	9				
<u> </u>		01						

Displayed 20 Species Observations

Selected 30 Observations <u>View all 30 Species Observations</u>

Habitat Predicted for Aquatic WAP Tier I & II Species (3 Reaches)

View Map Combined Reaches from Below of Habitat Predicted for WAP Tier I & II Aquatic Species

Otros and Names	Tier Species						\ <i>C</i> 1 4
Stream Name	Highest TE*	BOVA	Code, S	tatus [*]	, Tier ^{**} , Commo	on & Scientific Name	View Map
Bull Run (20700102)	SE	060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Yes</u>
Flat Branch (20700102)	SE	060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Yes</u>
tributary (20700102)	SE	060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Yes</u>

Habitat Predicted for Terrestrial WAP Tier I & II Species

Virginia Breeding Bird Atlas Blocks (6 records)

<u>View Map of All Query Results</u> <u>Virginia Breeding Bird Atlas Blocks</u>

DDA ID	Ada - O - d	Breeding	View Men			
BBA ID	Atlas Quadrangle Block Name	Different Species	Highest TE*	Highest Tier**	View Map	
50194	Gainesville, CE	38		III	<u>Yes</u>	
50196	Gainesville, SE	74		III	<u>Yes</u>	
51181	Independent Hill, NW	1			<u>Yes</u>	
51193	Manassas, CW	76		II	<u>Yes</u>	
51195	Manassas, SW	1			<u>Yes</u>	
50182	Nokesville, NE	84		II	<u>Yes</u>	

Public Holdings:

N/A

Summary of BOVA Species Associated with Cities and Counties of the Commonwealth of Virginia:

FIPS Code	City and County Name	Different Species	Highest TE	Highest Tier
059	<u>Fairfax</u>	559	FESE	I
153	Prince William	483	FESE	I
683	Manassas City	372	FTSE	I
685	Manassas Park City	371	FTSE	I

USGS 7.5' Quadrangles:

Nokesville Gainesville Independent Hill Manassas

USGS NRCS Watersheds in Virginia:

USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:

HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
PL34	Broad Run-Rocky Branch	59	FTSE	I
PL44	Middle Bull Run	72	FTSE	I
PL46	Lower Bull Run	69	ST	I

Compiled on 4/14/2021, 5.08:39 PM | | 1089118.0 | report=all | searchType= R | dist= 3218.688 poi= 38.46; 12.4 -77.29, 40.5 |
PixelSize=64; Anadromous=0.018094; BBA=0.032028; BECAR=0.017295; Bats=0.016992; Buffer=0.060044; County=0.05428; HU6=0.042788; Impediments=0.016855; Init=0.083184; PublicLands=0.020783; Quad=0.023966; SppObs=0.207288; TEWaters=0.019722; TierReaches=0.043147; TierTerrestrial=0.025028; Total=0.920043; Tracking_BOVA=0.256067; Trout=0.018233; huva=0.020625

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Observations reported or potential habitat occurs within a 2 mile radius around point 38.7701111 -77.4945833 in 059 Fairfax County, 153 Prince William County, 683 Manassas City, 685 Manassas Park City, VA where (060006) Floater, brook observed.

View Map of Site Location

Habitat Predicted for Aquatic WAP Tier I & II Species where Floater, brook (060006) observed (3 Reaches)

Ot Na	Tier Species						
Stream Name	Highest TE*	BOVA Code, Status*, Tier**, Common & Scientific Name				View Map	
Bull Run (20700102)	SE	060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Yes</u>
Flat Branch (20700102)	SE	060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Yes</u>
tributary (20700102)	SE	060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Yes</u>

View Map Combined Reaches from Below of Habitat Predicted for WAP Tier I & II Aquatic Species

*FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; CC=Collection Concern

**I=VA Wildlife Action Plan - Tier II - Critical Conservation Need; II=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need Virginia Widlife Action Plan Conservation Opportunity Ranking:

a - On the ground management strategies/actions exist and can be feasibly implemented.; b - On the ground actions or research needs have been identified or all identified conserva

Habitat Predicted for Terrestrial WAP Tier I & II Species where Floater, brook (060006) observed

N/A

USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:

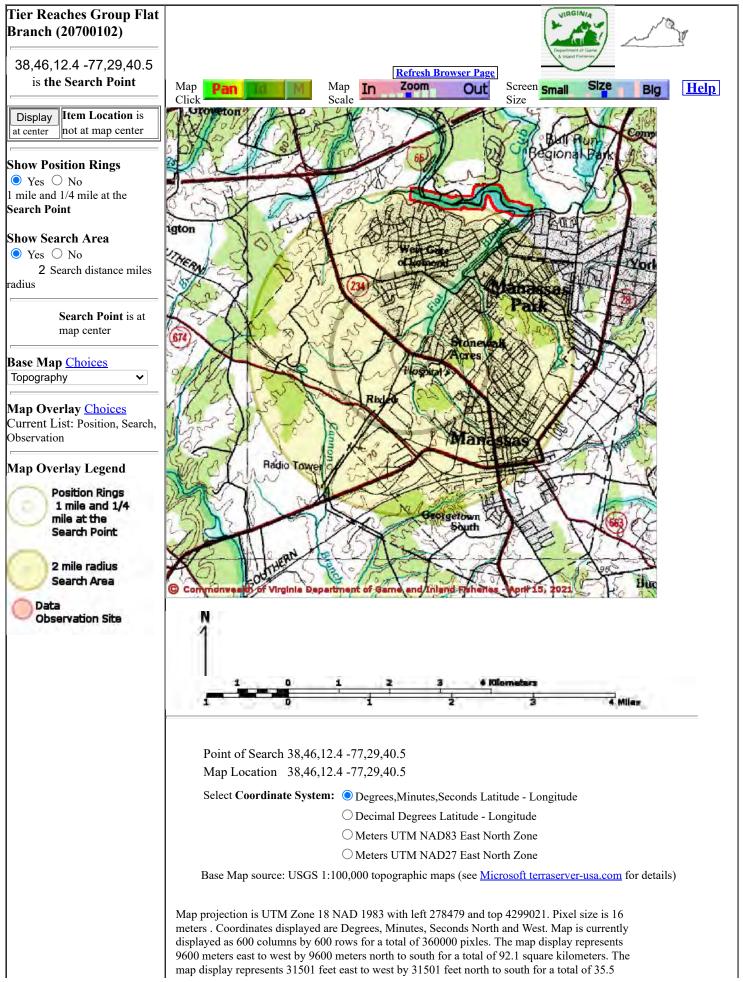
HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
PL34	Broad Run-Rocky Branch	59	FTSE	I

PL44 Middle Bull Run	72	FTSE	I
----------------------	----	------	---

Compiled on 4/15/2021, 10:06:32 AM I1089200.1 report=BOVA searchType= R dist= 3218 poi= 38.7701111 -77.4945833

 $|\ 4/15/2021, 10:06:32\ AM\ |\ \underline{DGIF}\ |\ \underline{Credits}\ |\ \underline{Disclaimer}\ |\ Please\ view\ our\ \underline{privacy\ policy}\ |\ @\ 1998-2021\ Commonwealth\ of\ Virginia\ Department\ of\ Game\ and\ Inland\ Fisheries\ I\ 1089200$

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square miles.

Topographic maps and Black and white aerial photography for year 1990+are from the United States Department of the Interior, United States Geological Survey. Color aerial photography aquired 2002 is from Virginia Base Mapping Program, Virginia Geographic Information Network.

Shaded topographic maps are from TOPO! ©2006 National Geographic

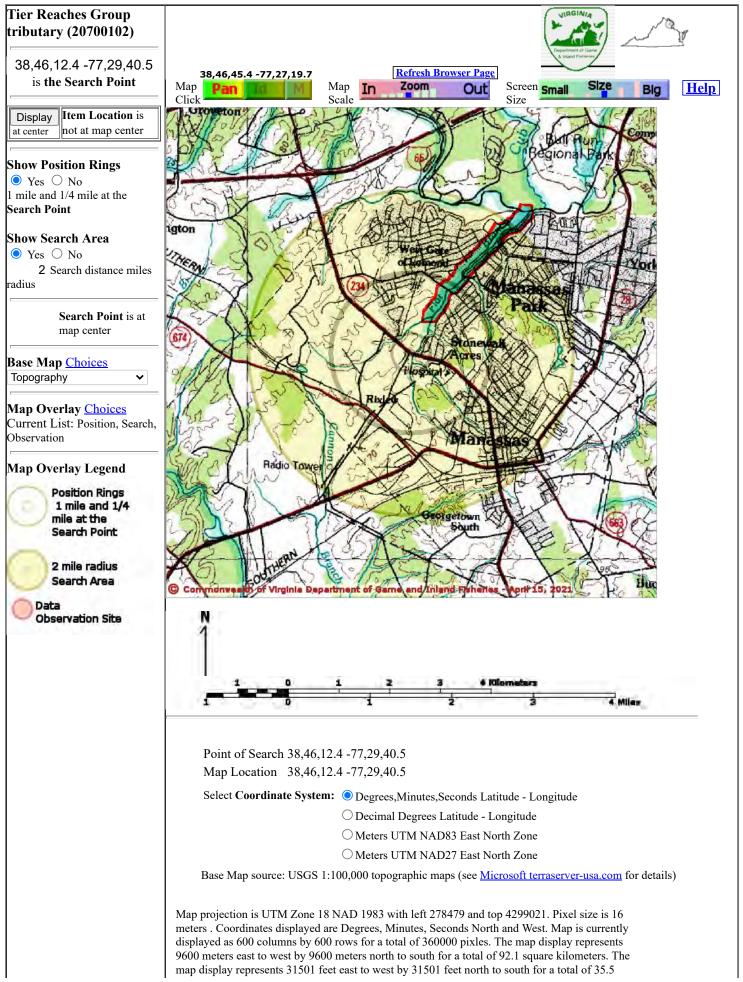
http://www.national.geographic.com/topo

All other map products are from the Commonwealth of Virginia Department of Game and Inland Fisheries.

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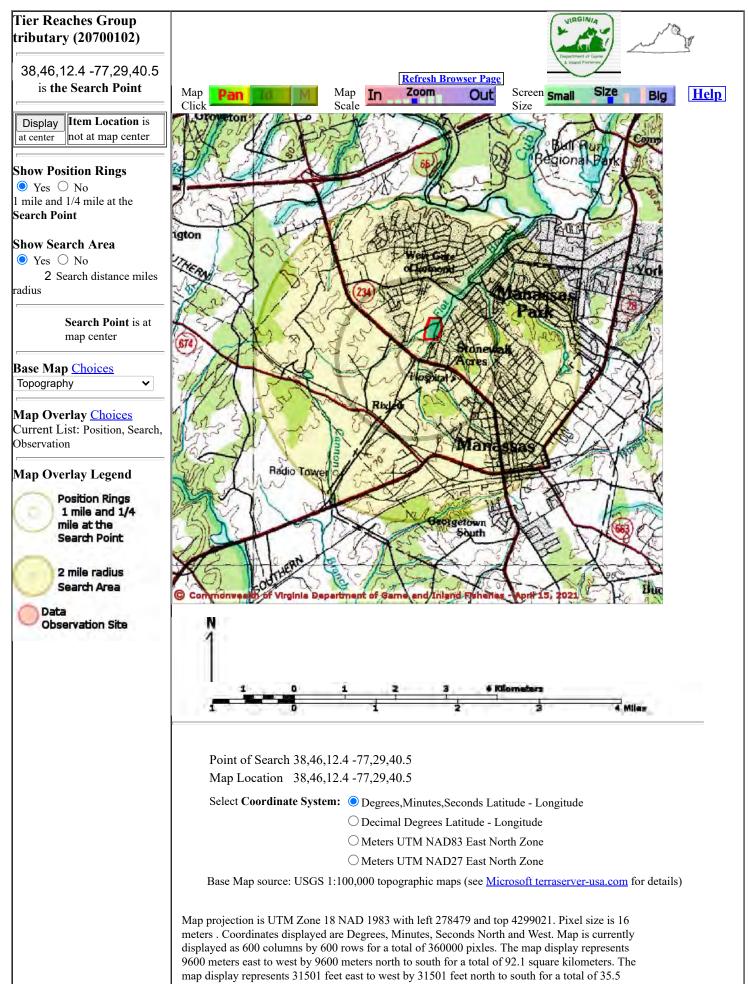
http://www.national.geographic.com/topo

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map assembled 2021-04-15 10:11:26 (qa/qc March 21, 2016 12:20 - tn=1089200.1 dist=3218

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','207001020755') | DGIF | Credits | Disclaimer | Contact vafwis support@dgif.virginia.gov | Please view our privacy policy | © 1998-2021 Commonwealth of Virginia Department of Game and Inland Fisheries



square miles.

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Shaded topographic maps are from TOPO! ©2006 National Geographic

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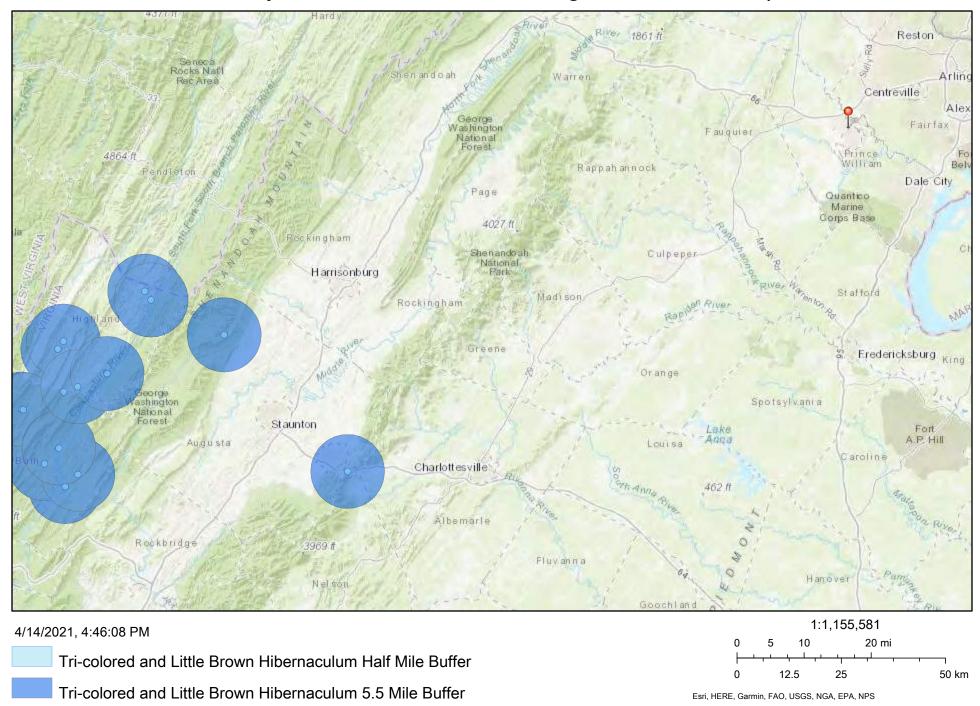
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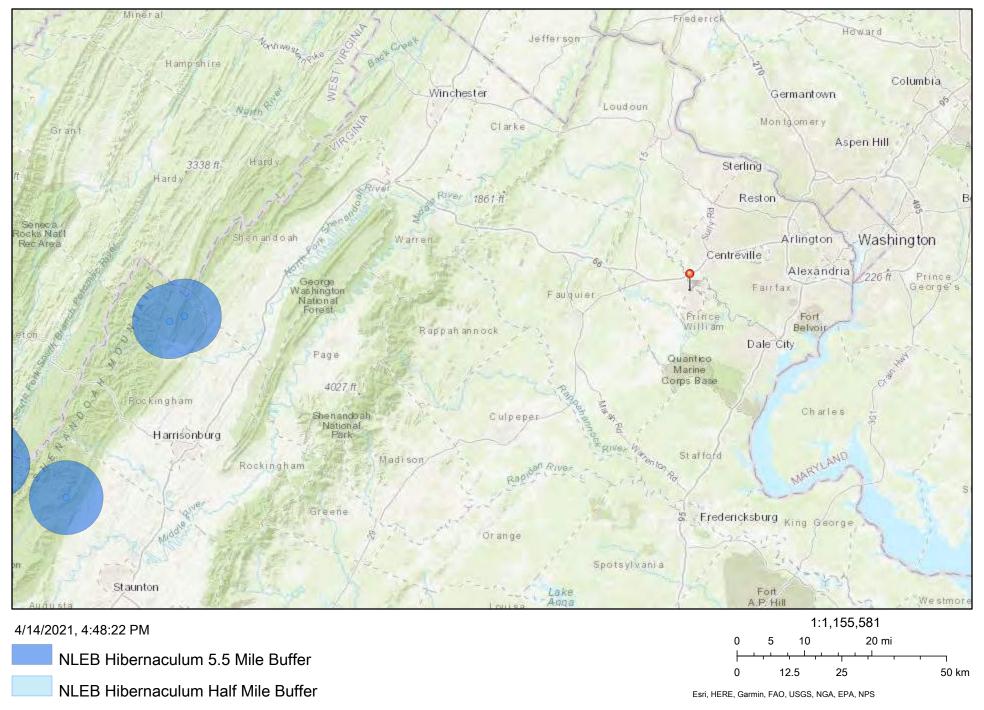
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Sudley Road Northbound Widening MYLU PESU Map



Sudley Road Northbound Widening NLEB Locations and Roost Trees



CENTER FOR CONSERVATION BIOLOGY VA EAGLES NEST LOCATOR



CCB Mapping Portal



Layers: VA Eagle Nest Locator, VA Eagle Nest Buffers, Eagle Roosts

Map Center [longitude, latitude]: [-77.47095108032227, 38.7586011908448]

Map Link:

 $\frac{\text{https://ccbbirds.org/maps/\#layer=VA+Eagle+Nest+Locator\&layer=VA+Eagle+Nest+Buffers\&layer=Eagle+Roosts}{\text{\&}zoom=14\&lat=38.7586011908448\&lng=-77.47095108032227\&legend=legend_tab_59557df6-c07b-11e5-a485-0e31c9be1b51\&base=World+Imagery+%28ESRI%29}$

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Threatened and Endangered Species Database Pulls - March 2020

UNITED STATES FISH AND WILDLIFE SERVICE

Stratton, Samantha

From: Stratton, Samantha

Sent: Monday, March 23, 2020 4:07 PM

To: rachel_case@fws.gov

Cc: Doherty, Jessica; Jesensky, Kenny

Subject: Sudley Road Third Lane UPC-109293 - City of Manassas, VA - Harperella Update **Attachments:** RE: Project Review: Sudley Road Third Lane UPC-109293 - City of Manassas, VA -

Harperella Updated Information

Rachel,

I am following up on behalf of Jessica Doherty to confirm what you all discussed during your conference call on January 31st regarding the Sudley Road Third Lane project in Manassas, VA. According to the revised Species Conclusion Table Jessica sent, the Harparella is not likely to be present within the study area because the presence of rocky or gravel shoals, sandbars or clear, swift-flowing water within the stream channel were not observed during a site reconnaissance on November 5, 2019. Therefore, a not likely to adversely effect determination was concluded.

I have attached your previous email coordination with Jessica as a reference and have cc'ed her on this email.

I would appreciate your concurrence on these determinations.

Thank you!

Samantha Stratton | Environmental Analyst **Kimley-Horn** | 11400 Commerce Park Drive Suite 400 Reston, VA 20191

Direct: 703 462 2706 | www.kimley-horn.com

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From: Doherty, Jessica

Sent: Tuesday, February 4, 2020 3:41 PM

To: Virginia Field Office, FW5

Cc: Jesensky, Kenny

Subject: RE: Project Review: Sudley Road Third Lane UPC-109293 - City of Manassas,

VA - Harperella Updated Information

Attachments: USFWS_Sudley_Compiled_2-4-2020.pdf

Rachel,

My apologies, the previous attachment did not include the updated species conclusion table. **This attachment does**. Please let me know if you need anything else on our end.

Thanks again! Jessica

From: Doherty, Jessica

Sent: Tuesday, February 4, 2020 3:37 PM

To: 'Virginia Field Office, FW5' < <u>virginiafieldoffice@fws.gov</u>> **Cc:** Jesensky, Kenny < <u>Kenny.Jesensky@kimley-horn.com</u>>

Subject: Project Review: Sudley Road Third Lane UPC-109293 - City of Manassas, VA - Harperella

Updated Information

Hi Rachel.

Per our conversation on Friday, January 31 regarding Harperella, attached is the revised project packet for the Sudley Road Third Lane project. The species conclusion table has been updated and the self-certification letter is attached in the packet.

Thanks for all your help! Jessica

From: Case, Rachel L < rachel case@fws.gov > On Behalf Of Virginia Field Office, FW5

Sent: Friday, January 31, 2020 10:22 AM

To: Doherty, Jessica < <u>Jessica.Doherty@kimley-horn.com</u>> **Cc:** Jesensky, Kenny < <u>Kenny.Jesensky@kimley-horn.com</u>>

Subject: Re: [EXTERNAL] Project Review: Sudley Road Third Lane UPC-109293 - City of Manassas, VA

Hi Jessica and Kenny,

Here is the link for harperella approved

surveyors https://www.fws.gov/northeast/virginiafield/pdf/endspecies/Surveyor Lists/PDF%20
Format/SURVEYOR%20LIST%20-%20Harperella.pdf, and here is the link for the Self-Certification Letter https://www.fws.gov/northeast/virginiafield/endangered/projectreviews-step8.html should you choose to change your determination for this species to "not likely to adversely affect.

Thanks for the call today, and please let me know if there is anything else I can help you with. I will be on the lookout for the revised project packet.

All the best, Rachel

Step 8 - Project Review Package - United States Fish and Wildlife Service

Step 8 - Project Review Package. A. If the ESA section 7 determination for any species or critical habitat is "may affect" (except the NLEB), submit the project review package to this office for review. Attach the Review Request Letter (MS Word Format) and provide all requested information as indicated in table below. We will respond when we receive a complete project review package.

www.fws.gov

Approved Surveyors in Virginia for: Harperella Ptilimnium nodosum

Approved Surveyors: Page 1 of 1 Approved Surveyors in Virginia for: Harperella (Ptilimnium nodosum) This list contains the names of individuals who are qualified to conduct habitat assessments/surveys for the referenced

www.fws.gov

From: Doherty, Jessica < Jessica. Doherty@kimley-horn.com >

Sent: Thursday, January 30, 2020 3:08 PM

To: Virginia Field Office, FW5 < <u>virginiafieldoffice@fws.gov</u>> **Cc:** Jesensky, Kenny < <u>Kenny.Jesensky@kimley-horn.com</u>>

Subject: RE: [EXTERNAL] Project Review: Sudley Road Third Lane UPC-109293 - City of Manassas, VA

Hi Rachel,

No problem, 10:00 am tomorrow works! Talk to you then.

Thanks, Jessica From: Case, Rachel L < rachel case@fws.gov > On Behalf Of Virginia Field Office, FW5

Sent: Thursday, January 30, 2020 3:00 PM

To: Doherty, Jessica < <u>Jessica.Doherty@kimley-horn.com</u>>

Subject: Re: [EXTERNAL] Project Review: Sudley Road Third Lane UPC-109293 - City of Manassas, VA

Hi Jessica,

Sorry for the delayed response, I have been out of the office. That would be fine with me. Does tomorrow around 10:00 am work for you?

Regards, Rachel

From: Doherty, Jessica < Jessica. Doherty@kimley-horn.com >

Sent: Monday, January 27, 2020 4:26 PM

To: Virginia Field Office, FW5 < virginia field office@fws.gov>

Cc: Atherton, Elizabeth < <u>Elizabeth.Atherton@kimley-horn.com</u>>; Gresham, Teresa

<<u>Teresa.Gresham@kimley-horn.com</u>>

Subject: RE: [EXTERNAL] Project Review: Sudley Road Third Lane UPC-109293 - City of Manassas, VA

Hi Rachel,

Hope all is well! Could we set up a call to discuss the potential harperella habitat at our project site? Does sometime this week or next work for you?

Thank you, Jessica

From: rachel case@fws.gov <rachel case@fws.gov > On Behalf Of Virginia Field Office, FW5

Sent: Friday, November 22, 2019 11:22 AM

To: Doherty, Jessica <Jessica.Doherty@kimley-horn.com>

Subject: Re: [EXTERNAL] Project Review: Sudley Road Third Lane UPC-109293 - City of Manassas, VA

Jessica,

Thank you for your project submission. Can you please explain the potential for harperella habitat, and in what ways this project may impact those areas that you do feel have the potential to support this species?

Regards, Rachel

On Tue, Nov 19, 2019 at 9:16 AM Doherty, Jessica < <u>lessica.Doherty@kimley-horn.com</u> wrote:

We have reviewed the referenced project using the Virginia Field Office's online project review process and have followed all guidance and instructions in completing the review. We completed our review on



From: Kimley Horn & Associates

11400 Commerce Park Drive, Suite 400

Reston, VA 20191

Jessica.doherty@kimley-horn.com

(703) 994-4503

To: U.S. Fish and Wildlife Service

Virginia Field Office 6669 Short Lane

Gloucester, Virginia 23061

February 4, 2020

Re: Project Review Request, Sudley Road Third Lane Prince William County and Manassas City, Virginia

City of Manassas Project Number: T-015

VDOT Project Number: 0234-155-306, C501, P101, R201

Federal Project Number: STP-5A01(779)

UPC: 109293

We have reviewed the referenced project using the Virginia Field Office's online project review process and have followed all guidance and instructions in completing the review. We completed our review on February 4, 2020 and are submitting our project review package in accordance with the instructions for further review.

Our proposed action consists of: providing a third continuous northbound through lane for 1.2 miles of Sudley Road between Grant Avenue and Godwin Drive. This will include converting existing right-turn lanes to a shared through/right-turn lane where available, and widening approximately 3,000 feet of Sudley Road where it is currently non-existent. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 200 feet to the south. The project includes installing curb and gutter, installing and upgrading guardrail, and adding sidewalk on the northern side of Sudley Road. The existing box culvert at Flat Branch Tributary near the intersection of Sudley Road and Godwin Drive will be extended. A channelization island will be added at Grant Avenue and Sudley Road. Crosswalks will be added to the following intersections:

- Across Sudley Road at Godwin Drive;
- Across Impalla Drive at Sudley Road; and
- Across Sudley Road at Rolling Road

The location of the project and the action area are identified on the enclosed map.

The project is expected to be completed within the next 5 years.

This project review is needed for Federal Highway Administration (FHWA) and Virginia Department of Transportation (VDOT) through the SmartScale funding program.

The enclosed project review package provides the information about the species and critical habitat considered in our review, and the species conclusions table included in the package identifies our determinations for the resources that may be affected by the project.

For additional information, please contact me at the address listed above.

Sincerely,

Jessica Doherty Environmental Analyst

Enclosures:

- 1) Project Review Request Letter
- 2) Species Conclusion Table
- 3) Figure 1: Overall Vicinity
- 4) Figure 2: Aerial Imagery
- 5) Figure 3: Topographic Vicinity
- 6) Consistency letter for FHWA, FRA, FTA Programmatic Consultation for Transportation Projects affecting NLEB or Indiana Bat
- 7) Official Species List
- 8) CCB Mapping Portal
- 9) MYLU PESU Habitat
- 10) NLEB Locations and Roost Trees



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Virginia Field Office 6669 Short Lane Gloucester, VA 23061

Date: 3/16/2020

Self-Certification Letter

Project Name: Sudley Road Third Lane

Dear Applicant:

Thank you for using the U.S. Fish and Wildlife Service (Service) Virginia Ecological Services online project review process. By printing this letter in conjunction with your project review package, you are certifying that you have completed the online project review process for the project named above in accordance with all instructions provided, using the best available information to reach your conclusions. This letter, and the enclosed project review package, completes the review of your project in accordance with the Endangered Species Act of 1973 (16 U.S.C. 1531-1544, 87 Stat. 884), as amended (ESA). This letter also provides information for your project review under the National Environmental Policy Act of 1969 (P.L. 91-190, 42 U.S.C. 4321-4347, 83 Stat. 852), as amended. A copy of this letter and the project review package must be submitted to this office for this certification to be valid. This letter and the project review package will be maintained in our records.

The species conclusions table in the enclosed project review package summarizes your ESA conclusions. These conclusions resulted in:

- "no effect" determinations for proposed/listed species and/or proposed/designated critical habitat; and/or
- Action may affect the northern long-eared bat; however, any take that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR § 17.40(o) [as determined through the Information, Planning, and Consultation System (IPaC) northern long-eared bat assisted determination key]; and/or
- "may affect, not likely to adversely affect" determinations for proposed/listed species and/or proposed/designated critical habitat.

Applicant Page 2

We certify that use of the online project review process in strict accordance with the instructions provided as documented in the enclosed project review package results in reaching the appropriate determinations. Therefore, we concur with the determinations described above for proposed and listed species and proposed and designated critical habitat. Additional coordination with this office is not needed.

Candidate species are not legally protected pursuant to the ESA. However, the Service encourages consideration of these species by avoiding adverse impacts to them. Please contact this office for additional coordination if your project action area contains candidate species.

Should project plans change or if additional information on the distribution of proposed or listed species, proposed or designated critical habitat becomes available, this determination may be reconsidered. This certification letter is valid for 1 year.

Information about the online project review process including instructions and use, species information, and other information regarding project reviews within Virginia is available at our website http://www.fws.gov/northeast/virginiafield/endspecies/project_reviews.html. If you have any questions, please contact Troy Andersen of this office at (804) 824-2428.

Sincerely,

Cindy Schulz Field Supervisor

Virginia Ecological Services

Cynthia a Schuly

Enclosures - project review package

Species Conclusions Table

Project Name: Sudley Road Third Lane UPC# 109293

Date: March 16, 2020

Species / Resource Name	Conclusion	ESA Section 7	Notes / Documentation
Northern Long-eared Bat (Myotis septentrionalis)		May effect	Dkey
Bald Eagle (Haliaeetus leucocephalus)	Unlikely to disturb nesting bald eagles, does not intersect with an eagle concentration area.	No Eagle Act permit required	
Harperella (Ptilimnium nodosum)	Potential habitat present and no current survey conducted	Not likely to adversely affect	Habitat for the Harperella as described on the Endangered Species List of the USFWS website (https://www.fws.gov/endangered/map/va-info.html) was used in an attempt to identify potential habitat within the study area during a site reconnaissance on November 5, 2019. Because the presence of rocky or gravel shoals, sandbars or clear, swift-flowing water within the stream channel were not observed, we believe suitable habitat for the Harparella is not likely to be present within the study area.
Critical Habitat	No critical habitat present		



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Virginia Ecological Services Field Office 6669 Short Lane Gloucester, VA 23061-4410

Phone: (804) 693-6694 Fax: (804) 693-9032 http://www.fws.gov/northeast/virginiafield/



In Reply Refer To: March 16, 2020

Consultation Code: 05E2VA00-2020-SLI-2605

Event Code: 05E2VA00-2020-E-07229 Project Name: Sudley Road Third Lane

Subject: List of threatened and endangered species that may occur in your proposed project

location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). Any activity proposed on National Wildlife Refuge lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered

2

species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Virginia Ecological Services Field Office 6669 Short Lane Gloucester, VA 23061-4410 (804) 693-6694

Project Summary

Consultation Code: 05E2VA00-2020-SLI-2605

Event Code: 05E2VA00-2020-E-07229

Project Name: Sudley Road Third Lane

Project Type: TRANSPORTATION

Project Description: The City of Manassas is proposing to provide a third continuous

northbound through lane for 1.2 miles of Sudley Road between Grant Avenue and Godwin Drive. This will include converting existing right-turn lanes to a shared through/right-turn lane where available and widening approximately 3,000 feet of Sudley Road where it is currently non-existent. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 200 feet to the south. The project includes installing curb and gutter, installing and upgrading guardrail, and adding sidewalk on the northern side of Sudley Road. A channelization island will be added at Grant Avenue and Sudley Road. Crosswalks will be

- added to the following intersections:Across Sudley Road at Godwin Drive;
- Across Impalla Drive at Sudley Road; and
- Across Sudley Road at Rolling Road

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/38.77046374528425N77.49447609997718W



Counties: Manassas, VA | Prince William, VA

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME STATUS

Northern Long-eared Bat *Myotis septentrionalis*

Threatened

No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045

Flowering Plants

NAME STATUS

Harperella *Ptilimnium nodosum*

Endangered

No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3739

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Virginia Ecological Services Field Office 6669 Short Lane Gloucester, VA 23061-4410

Phone: (804) 693-6694 Fax: (804) 693-9032 http://www.fws.gov/northeast/virginiafield/



In Reply Refer To: March 16, 2020

Consultation Code: 05E2VA00-2020-TA-2605

Event Code: 05E2VA00-2020-E-07237 Project Name: Sudley Road Third Lane

Subject: Verification letter for the 'Sudley Road Third Lane' project under the January 5, 2016,

Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-eared Bat

and Activities Excepted from Take Prohibitions.

Dear Samantha Stratton:

The U.S. Fish and Wildlife Service (Service) received on March 16, 2020 your effects determination for the 'Sudley Road Third Lane' (the Action) using the northern long-eared bat (*Myotis septentrionalis*) key within the Information for Planning and Consultation (IPaC) system. This IPaC key assists users in determining whether a Federal action is consistent with the activities analyzed in the Service's January 5, 2016, Programmatic Biological Opinion (PBO). The PBO addresses activities excepted from "take" prohibitions applicable to the northern long-eared bat under the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based upon your IPaC submission, the Action is consistent with activities analyzed in the PBO. The Action may affect the northern long-eared bat; however, any take that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o). Unless the Service advises you within 30 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that the PBO satisfies and concludes your responsibilities for this Action under ESA Section 7(a)(2) with respect to the northern long-eared bat.

Please report to our office any changes to the information about the Action that you submitted in IPaC, the results of any bat surveys conducted in the Action area, and any dead, injured, or sick northern long-eared bats that are found during Action implementation. If the Action is not completed within one year of the date of this letter, you must update and resubmit the information required in the IPaC key.

This IPaC-assisted determination allows you to rely on the PBO for compliance with ESA Section 7(a)(2) <u>only</u> for the northern long-eared bat. It **does not** apply to the following ESA-protected species that also may occur in the Action area:

• Harperella, *Ptilimnium nodosum* (Endangered)

If the Action may affect other federally listed species besides the northern long-eared bat, a proposed species, and/or designated critical habitat, additional consultation between you and this Service office is required. If the Action may disturb bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act is recommended.

[1] Take means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct [ESA Section 3(19)].

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

Sudley Road Third Lane

2. Description

The following description was provided for the project 'Sudley Road Third Lane':

The City of Manassas is proposing to provide a third continuous northbound through lane for 1.2 miles of Sudley Road between Grant Avenue and Godwin Drive. This will include converting existing right-turn lanes to a shared through/right-turn lane where available and widening approximately 3,000 feet of Sudley Road where it is currently non-existent. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 200 feet to the south. The project includes installing curb and gutter, installing and upgrading guardrail, and adding sidewalk on the northern side of Sudley Road. A channelization island will be added at Grant Avenue and Sudley Road. Crosswalks will be added to the following intersections:

- Across Sudley Road at Godwin Drive;
- Across Impalla Drive at Sudley Road; and
- Across Sudley Road at Rolling Road

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/38.77046374528425N77.49447609997718W



Determination Key Result

This Federal Action may affect the northern long-eared bat in a manner consistent with the description of activities addressed by the Service's PBO dated January 5, 2016. Any taking that may occur incidental to this Action is not prohibited under the final 4(d) rule at 50 CFR §17.40(o). Therefore, the PBO satisfies your responsibilities for this Action under ESA Section 7(a)(2) relative to the northern long-eared bat.

Determination Key Description: Northern Long-eared Bat 4(d) Rule

This key was last updated in IPaC on May 15, 2017. Keys are subject to periodic revision.

This key is intended for actions that may affect the threatened northern long-eared bat.

The purpose of the key for Federal actions is to assist determinations as to whether proposed actions are consistent with those analyzed in the Service's PBO dated January 5, 2016.

Federal actions that may cause prohibited take of northern long-eared bats, affect ESA-listed species other than the northern long-eared bat, or affect any designated critical habitat, require ESA Section 7(a)(2) consultation in addition to the use of this key. Federal actions that may affect species proposed for listing or critical habitat proposed for designation may require a conference under ESA Section 7(a)(4).

Determination Key Result

This project may affect the threatened Northern long-eared bat; therefore, consultation with the Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.) is required. However, based on the information you provided, this project may rely on the Service's January 5, 2016, *Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-Eared Bat and Activities Excepted from Take Prohibitions* to fulfill its Section 7(a)(2) consultation obligation.

Qualification Interview

- 1. Is the action authorized, funded, or being carried out by a Federal agency? *Yes*
- 2. Have you determined that the proposed action will have "no effect" on the northern long-eared bat? (If you are unsure select "No")

 No
- 3. Will your activity purposefully **Take** northern long-eared bats? *No*
- 4. Is the project action area located wholly outside the White-nose Syndrome Zone? Automatically answered No
- 5. Have you contacted the appropriate agency to determine if your project is near a known hibernaculum or maternity roost tree?

Location information for northern long-eared bat hibernacula is generally kept in state Natural Heritage Inventory databases — the availability of this data varies state-by-state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited. A web page with links to state Natural Heritage Inventory databases and other sources of information on the locations of northern long-eared bat roost trees and hibernacula is available at www.fws.gov/midwest/endangered/mammals/nleb/nhisites.html.

Yes

6. Will the action affect a cave or mine where northern long-eared bats are known to hibernate (i.e., hibernaculum) or could it alter the entrance or the environment (physical or other alteration) of a hibernaculum?

No

7. Will the action involve Tree Removal?

Yes

- 8. Will the action only remove hazardous trees for the protection of human life or property? *No*
- 9. Will the action remove trees within 0.25 miles of a known northern long-eared bat hibernaculum at any time of year?

No

10. Will the action remove a known occupied northern long-eared bat maternity roost tree or any trees within 150 feet of a known occupied maternity roost tree from June 1 through July 31?

No

Project Questionnaire

If the project includes forest conversion, report the appropriate acreages below. Otherwise, type '0' in questions 1-3.

1. Estimated total acres of forest conversion:

0.27

2. If known, estimated acres of forest conversion from April 1 to October 31

0

3. If known, estimated acres of forest conversion from June 1 to July 31 $\,$

0

If the project includes timber harvest, report the appropriate acreages below. Otherwise, type '0' in questions 4-6.

4. Estimated total acres of timber harvest

0

5. If known, estimated acres of timber harvest from April 1 to October 31

0

6. If known, estimated acres of timber harvest from June 1 to July 31

0

If the project includes prescribed fire, report the appropriate acreages below. Otherwise, type '0' in questions 7-9.

7. Estimated total acres of prescribed fire

0

8. If known, estimated acres of prescribed fire from April 1 to October 31 $\,$

0

9. If known, estimated acres of prescribed fire from June 1 to July 31 *0*

If the project includes new wind turbines, report the megawatts of wind capacity below. Otherwise, type '0' in question 10.

10. What is the estimated wind capacity (in megawatts) of the new turbine(s)? θ

VIRGINIA DEPARTMENT OF WILDLIFE RESOURCES

From: Doherty, Jessica

Sent: Tuesday, November 19, 2019 9:55 AM **To:** ProjectReview@dgif.virginia.gov

Cc: Gresham, Teresa

Subject: Attn: Ernie Aschenbach - Sudley Road Third Lane - UPC #109293

Attachments: DGIF_Compiled.pdf

Ernie,

The City of Manassas has proposed a road widening and improvement project located on Sudley Road within the City of Manassas and Prince William County. A project description can be seen below:

The City of Manassas is proposing to provide a third continuous northbound through lane for 1.2 miles of Sudley Road between Grant Avenue and Godwin Drive. This will include converting existing right-turn lanes to a shared through/right-turn lane where available, and widening approximately 3,000 feet of Sudley Road where it is currently non-existent. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 200 feet to the south. The project includes installing curb and gutter, installing and upgrading guardrail, and adding sidewalk on the northern side of Sudley Road. The existing box culvert at Flat Branch Tributary near the intersection of Sudley Road and Godwin Drive will be extended. A channelization island will be added at Grant Avenue and Sudley Road. Crosswalks will be added to the following intersections:

- Across Sudley Road at Godwin Drive;
- Across Impalla Drive at Sudley Road; and
- Across Sudley Road at Rolling Road

This is a SmartScale project, therefore it will utilize state and federal funds and a Categorical Exclusion (CE) is being completed. It is estimated the project will cost \$7.4 million. As part of this process we are reviewing potential impacts to threatened and endangered species and soliciting project comments.

Based on a review of the DGIF VaFWIS Search Report, there are no confirmed observations of threatened or endangered species within the project corridor. In addition, winter hibernacula and maternity roost trees were not identified on the NLEB or MYLU & PESU Habitat Mappers, nor were any eagle nests identified on the CCB Bald Eagle Mapper.

We would appreciate your concurrence on our findings or any other comments DGIF may have.

Thank you,

Jessica Doherty

Kimley-Horn | 11400 Commerce Park Drive, Suite 400, Reston, VA 20191 Direct: 703-994-4503 | Mobile: 703-965-8208 | www.kimley-horn.com

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Virginia Department of Game and Inland Fisheries

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Species Information

By Name

By Land Management

References

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VaFWIS Search Report Compiled on 3/16/2020, 12:15:31 PM

Known or likely to occur within a 2 mile radius around point 38.7701250 -77.4946085 in 059 Fairfax County, 153 Prince William County, 683 Manassas City, 685 Manassas Park City, VA View Map of Site Location

732 Known or Likely Species ordered by Status Concern for Conservation (displaying first 32) (32 species with Status* or Tier I** or Tier II**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
010032	FESE	lb	Sturgeon, Atlantic	Acipenser oxyrinchus		BOVA
050022	FTST	la	Bat, northern long-eared	Myotis septentrionalis E		BOVA
060029	FTST	lla	Lance, yellow	Elliptio lanceolata		BOVA,HU6
050020	SE	la	Bat, little brown	Myotis lucifugus		BOVA
050027	SE	la	Bat, tri-colored	Perimyotis subflavus		BOVA
060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Potential</u>	BOVA,Habitat,HU6
030062	ST	la	Turtle, wood	Glyptemys insculpta		BOVA,HU6
040096	ST	la	Falcon, peregrine	Falco peregrinus		BOVA
040293	ST	la	Shrike, loggerhead	Lanius Iudovicianus		BOVA
040379	ST	la	Sparrow, Henslow's	Centronyx henslowii		BOVA,HU6
100155	ST	la	Skipper, Appalachian grizzled	Pyrgus wyandot		BOVA,HU6
040292	ST		Shrike, migrant loggerhead	Lanius Iudovicianus migrans		BOVA
030063	СС	Illa	Turtle, spotted	Clemmys guttata		BOVA,HU6
030012	СС	IVa	Rattlesnake, timber	Crotalus horridus		BOVA
010077		la	Shiner, bridle	Notropis bifrenatus		BOVA
040040		la	Ibis, glossy	Plegadis falcinellus		BOVA,HU6
040306		la	Warbler, golden-winged	Vermivora chrysoptera		BOVA
100248		la	Fritillary, regal	Speyeria idalia idalia		BOVA,HU6
040213		lc	Owl, northern saw-whet	Aegolius acadicus		BOVA,HU6
040052		lla	Duck, American black	Anas rubripes		BOVA,HU6
040033		lla	Egret, snowy	Egretta thula		BOVA
040029		lla	Heron, little blue	Egretta caerulea caerulea		BOVA
040036		lla	Night-heron, yellow-crowned	Nyctanassa violacea violacea		BOVA
040181		lla	Tern, common	Sterna hirundo		BOVA,HU6
040320		lla	Warbler, cerulean	Setophaga cerulea		BOVA,HU6
040140		lla	Woodcock, American	Scolopax minor	<u>Potential</u>	BOVA,BBA,HU6
060071		lla	<u>Lampmussel, yellow</u>	Lampsilis cariosa		BOVA
040203		Ilb	Cuckoo, black-billed	Coccyzus erythropthalmus		BOVA
040105		Ilb	Rail, king	Rallus elegans		BOVA
040304		llc	Warbler, Swainson's	Limnothlypis swainsonii		BOVA,HU6
100154		llc	Butterfly, Persius duskywing	Erynnis persius persius		BOVA,HU6
100166		IIc	Skipper, Dotted	Hesperia attalus slossonae		HU6

To view All 732 species View 732

*FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; CC=Collection Concern

**|=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier Virginia Wildlife Action Plan Conservation Opportunity Ranking:
a - On the ground management strategies/actions exist and can be feasibly implemented.; b - On the ground actions or research needs have been identified but cannot feasibly be implemented at this time.; c - No on the ground management strategies/actions exist and can be feasibly implemented.

<u>View Map of All Query Results from All</u> <u>Observation Tables</u>

Bat Colonies or Hibernacula: Not Known

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage

N/A

Colonial Water Bird Survey

N/A

Threatened and Endangered Waters

N/A

Managed Trout Streams

N/A

Bald Eagle Concentration Areas and Roosts

N/A

Bald Eagle Nests

N/A

Species Observations (30 records - displaying first 20)

View Map of All Query Results

			<u>Species Observations</u>
obsID	class	Date Observed	Observer
317201	SppObs	Jun 23 2006	Christine Geist
335100	SppObs	Jan 1 1975	DPK-B-KELSO
613192	SppObs	May 31 2011	Mark; Causey
611653	SppObs	Jan 16 2010	Mark; Causey
611652	SppObs	Jan 16 2010	Mark; Causey
602013	SppObs	May 27 2009	Mark; Causey
601384	SppObs	May 26 2008	Mark; Causey
<u>375721</u>	Aquatics	Sep 28 2007	B. T. Watson, M. E. Bradley
<u>320605</u>	SppObs	May 27 2007	Mark Causey
317010	SppObs	May 30 2006	Mark Causey
<u>425374</u>	SppObs	Sep 27 2005	VCU - INSTAR
312739	SppObs	May 29 2005	Mark Causey
302340	SppObs	Jun 23 2003	Mark Causey
300856	SppObs	Jun 30 2002	Mark Causey
300855	SppObs	Jun 22 2002	Mark Causey
300881	SppObs	May 27 2002	Mark Causey
300223	SppObs	Jun 17 2001	Mark F. Causey, Ken H. Bass, Liam J. McGranaghan
<u>67906</u>	SppObs	Apr 26 2001	Lee Goodwin (principle permittee), J. Ivers and T. Wasaff (collectors)
<u>425384</u>	SppObs	Jun 1 1997	VCU - INSTAR
<u>56487</u>	SppObs	Jun 1 1997	BILLY M. TEELS, DIRECTOR, WETLAND SCIENCE INSTITUTE, USDA, NATURAL RESOURCES, CONSERVATION SERVICE, LAUREL, MD

Displayed 20 Species Observations

Selected 30 Observations View all 30 Species Observations

Habitat Predicted for Aquatic WAP Tier I & II Species (3 Reaches)

<u>View Map Combined Reaches from Below of Habitat Predicted for WAP Tier I & II Aquatic Species</u>

Otros and Niema	Tier Species				V: M		
Stream Name	Highest TE*	BOVA Code, Status*, Tier**, Common & Scientific Name				View Map	
Bull Run (20700102)	SE	060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Yes</u>
Flat Branch (20700102)	SE	060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Yes</u>
tributary (20700102)	SE	060006	SE	lb	Floater, brook	Alasmidonta varicosa	<u>Yes</u>

Habitat Predicted for Terrestrial WAP Tier I & II Species

N/A

Virginia Breeding Bird Atlas Blocks (6 records)

View Map of All Query Results Virginia Breeding Bird Atlas Blocks

DD A ID		Breeding	V: M		
BBA ID	Atlas Quadrangle Block Name	Different Species	Highest TE*	Highest Tier**	View Map
50194	Gainesville, CE	38		III	<u>Yes</u>
50196	<u>Gainesville, SE</u>	74		III	<u>Yes</u>
51181	Independent Hill, NW	1			<u>Yes</u>
51193	Manassas, CW	76		II	<u>Yes</u>
51195	Manassas, SW	1			<u>Yes</u>
50182	Nokesville, NE	84		II	<u>Yes</u>

Public Holdings:

N/A

Summary of BOVA Species Associated with Cities and Counties of the Commonwealth of Virginia:

FIPS Code	City and County Name	Different Species	Highest TE	Highest Tier
059	<u>Fairfax</u>	559	FESE	I
153	Prince William	483	FESE	I
683	Manassas City	372	FTSE	I
685	Manassas Park City	371	FTSE	I

USGS 7.5' Quadrangles:

Nokesville Gainesville Independent Hill Manassas

USGS NRCS Watersheds in Virginia:

N/A

USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:

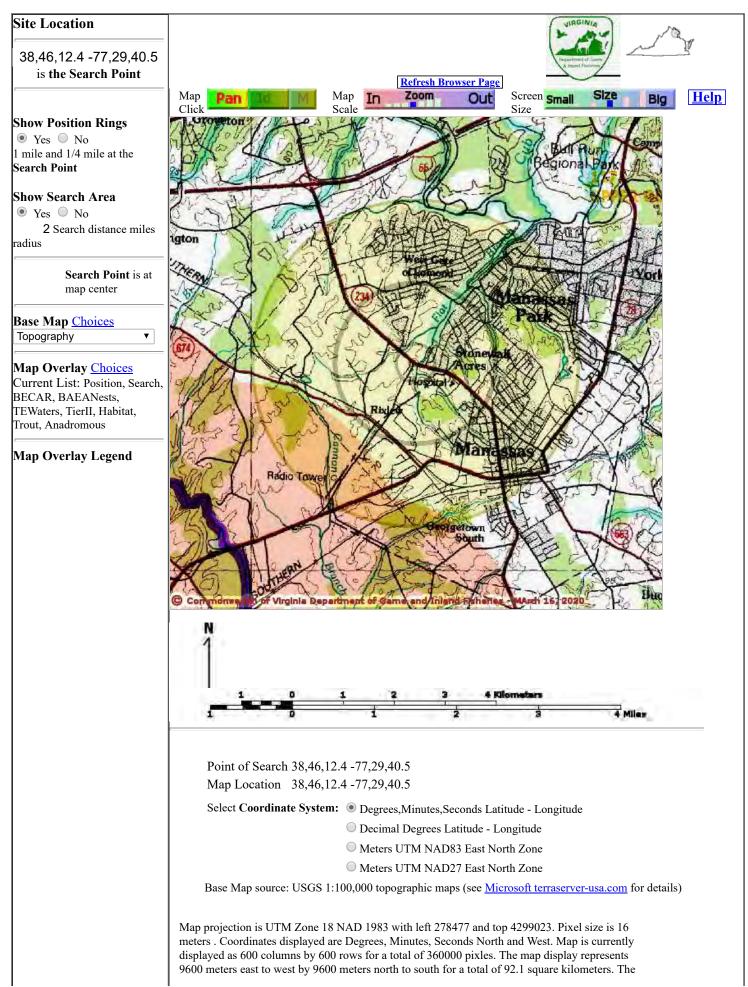
HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
PL34	Broad Run-Rocky Branch	59	FTSE	I
PL44	Middle Bull Run	72	FTSE	I
PL46	Lower Bull Run	69	ST	I

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If you have difficulty reading or accessing documents, please $\underline{\textbf{Contact Us}}$ for assistance.

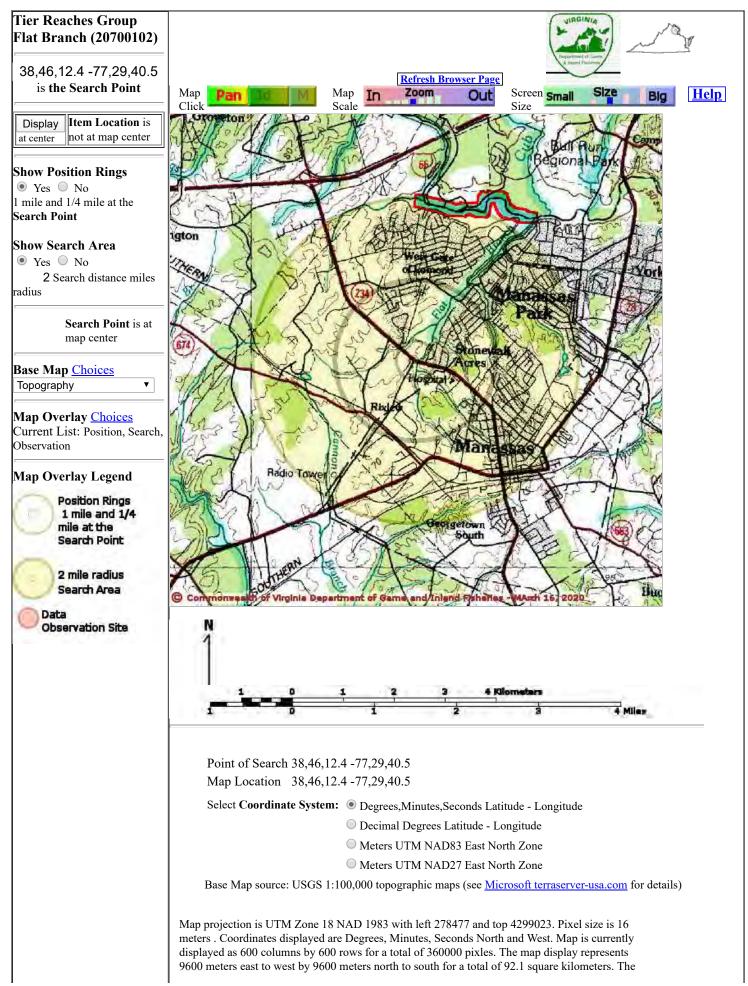
3/16/2020 VaFWIS Map



VaFWIS Map 3/16/2020

map display represents 31501 feet east to west by 31501 feet north to south for a total of 35.5 T & E Waters square miles. Federal Topographic maps and Black and white aerial photography for year 1990+are from the United States Department of the Interior, United States Geological Survey. State Color aerial photography aquired 2002 is from Virginia Base Mapping Program, Virginia Geographic Information Network. Shaded topographic maps are from TOPO! ©2006 National Geographic **Predicted Habitat** WAP Tier I & II http://www.national.geographic.com/topo All other map products are from the Commonwealth of Virginia Department of Game and Inland Aquatic Fisheries. map assembled 2020-03-16 12:17:01 (qa/qc March 21, 2016 12:20 - tn=1020270.0 dist=3218 Terrestrial \$poi=38.7701250 -77.4946085 **Trout Waters** Class I - IV Class V - VI Anadromous Fish Reach Confirmed Potential Impediment Position Rings 1 mile and 1/4 mile at the Search Point 2 mile radius Search Area **Bald Eagle** Concentration Areas and Roosts

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> map display represents 31501 feet east to west by 31501 feet north to south for a total of 35.5 square miles.

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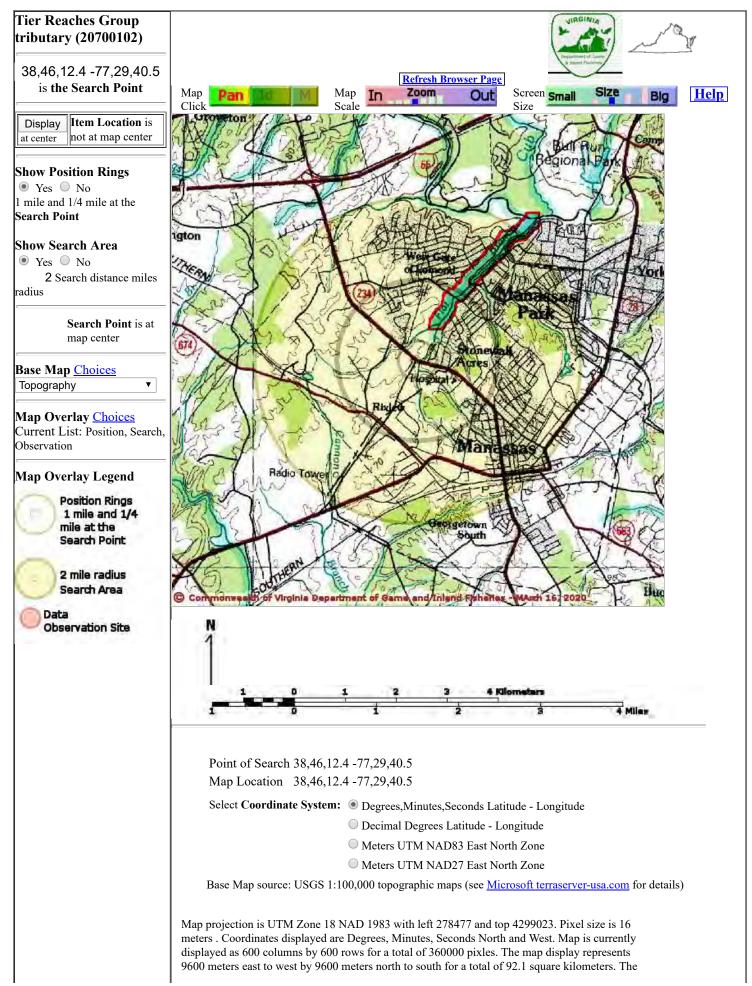
http://www.national.geographic.com/topo

All other map products are from the Commonwealth of Virginia Department of Game and Inland Fisheries.

map assembled 2020-03-16 12:17:25 (qa/qc March 21, 2016 12:20 - tn=1020270.0 dist=3218

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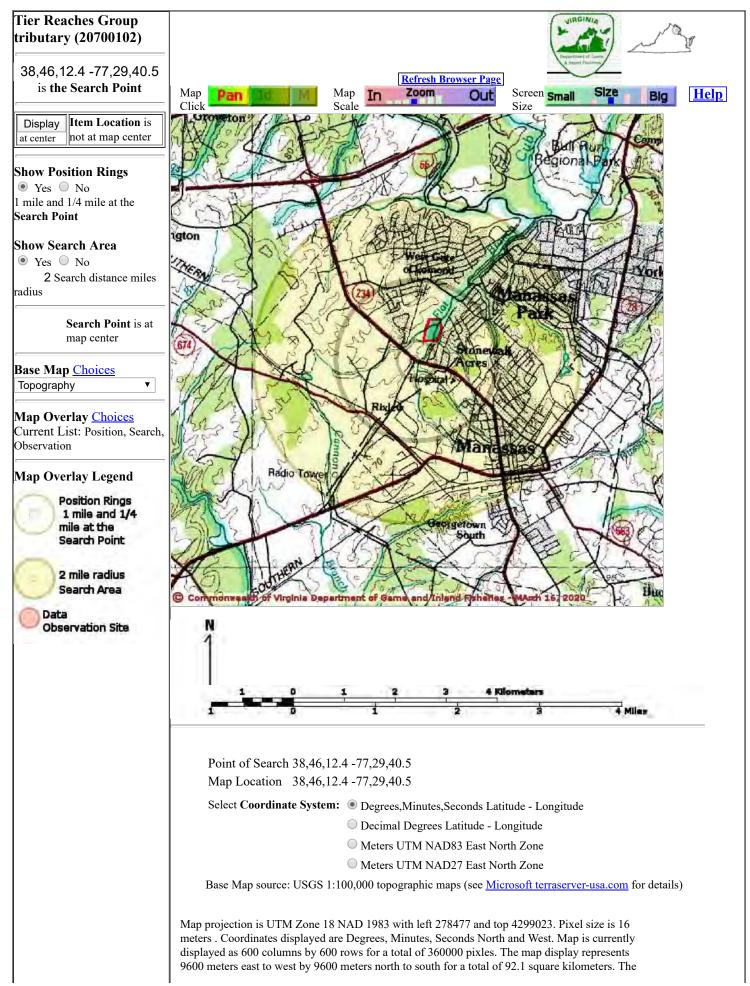
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All other map products are from the Commonwealth of Virginia Department of Game and Inland Fisheries.

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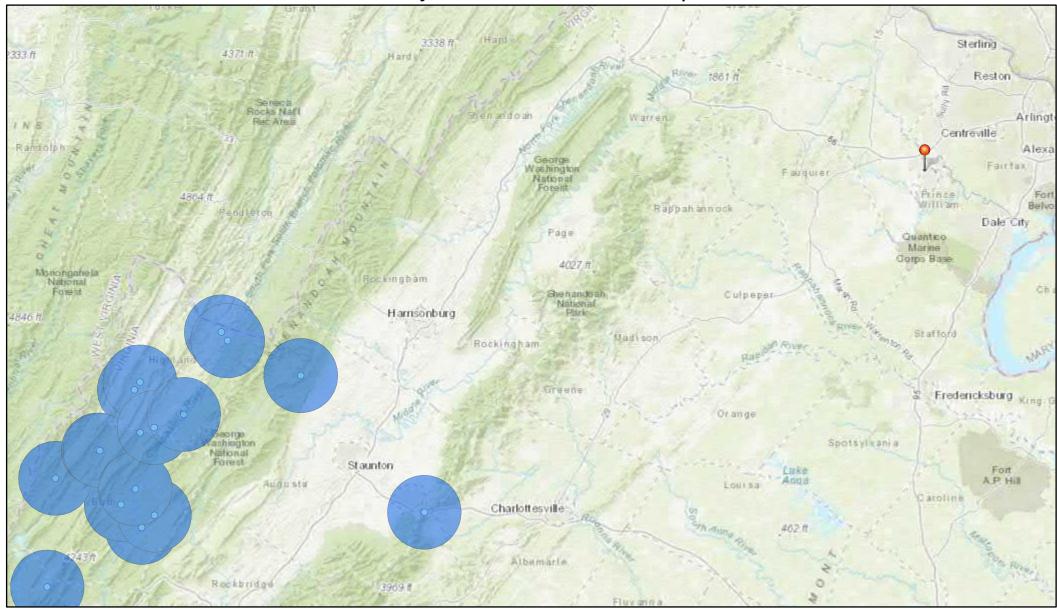
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Sudley Road MYLU PESU Map



3/23/2020, 2:50:24 PM

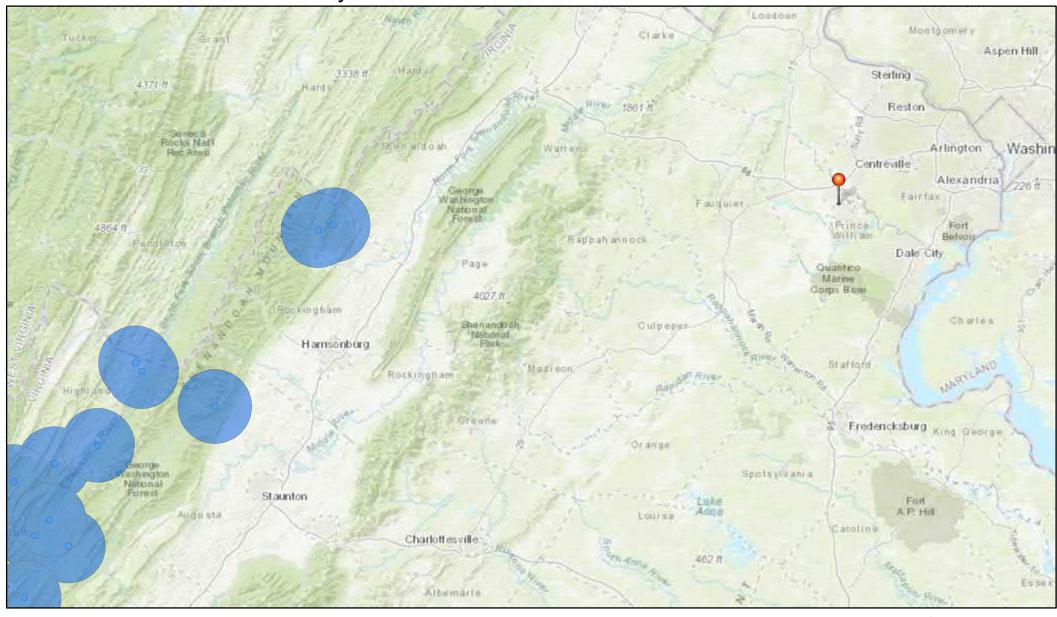
Tri-colored and Little Brown Hibernaculum Half Mile Buffer

Tri-colored and Little Brown Hibernaculum 5.5 Mile Buffer



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Sudley Road NLEB Locations and Roost Trees



3/16/2020, 1:08:52 PM

NLEB Hibernaculum 5.5 Mile Buffer

NLEB Hibernaculum Half Mile Buffer



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

DEPARTMENT OF CONSERVATION AND RECREATION NATURAL HERITAGE DATA EXPLORER



Web Project ID: WEB0000012726

Client Project Number:

PROJECT INFORMATION

TITLE: Sudley Road Third Lane

DESCRIPTION: The City of Manassas is proposing to provide a third continuous northbound through lane for 1.2 miles of Sudley Road between Grant Avenue and Godwin Drive. This will include converting existing right-turn lanes to a shared through/right-turn lane where available and widening approximately 3,000 feet of Sudley Road where it is currently non-existent. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 200 feet to the south. The project includes installing curb and gutter, installing and upgrading guardrail, and adding sidewalk on the northern side of Sudley Road. A channelization island will be added at Grant Avenue and Sudley Road. Crosswalks will be added to the following intersections: • Across Sudley Road at Godwin Drive; • Across Impalla Drive at Sudley Road; and • Across Sudley Road at Rolling Road

EXISTING SITE CONDITIONS: Currently a two-lane road with a turning lane. Paved road with median and some forested areas along the roadway.

QUADRANGLES: Manassas

COUNTIES: Prince William, City of Manassas

Latitude/Longitude (DMS): 38° 46' 7.8378" N / 77° 29' 13.2317" W

Acreage: 31 acres

Comments:

REQUESTOR INFORMATION

Priority: N Tier Level: Tier I Tax ID:

Contact Name: Samantha Stratton

Company Name: Kimley-Horn

Address: 11400 Commerce Park Dr Suite 400

City: Reston State: VA Zip: 20191

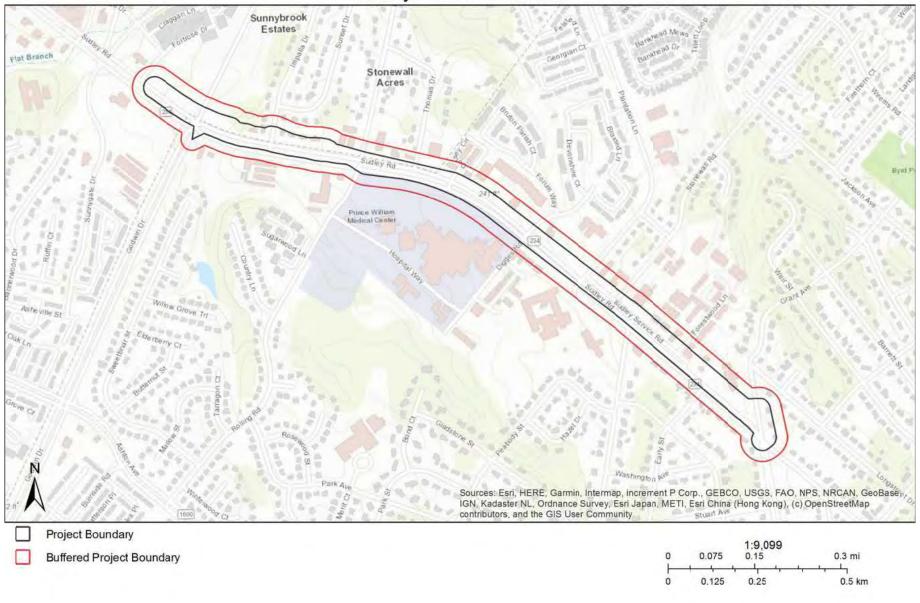
Phone: 7034622706	Fax:	Email: samantha.stratton@kimley-horn.com

Conservation Site Site Type Brank Acreage Listed Species Presence

Natural Heritage Screening Features Intersecting Project Boundary

Intersecting Predictive Models
Predictive Model Results

Sudley Road Third Lane



Quads: Manassas

Counties: City of Manassas; Prince William

Company: Kimley-Horn

Lat/Long: 384607 / -772913



The project mapped as part of this report has been searched against the Department of Conservation and Recreation's Biotics Data System for occurrences of natural heritage resources in the vicinity of the area indicated for this project. Natural heritage resources are defined as the habitat of rare, threatened, or endangered plant and animal species, unique or exemplary natural communities, and significant geologic formations.

According to the information currently in Biotics, natural heritage resources have not been documented within the submitted project boundary including a 100 foot buffer. In addition, the project area does not intersect any of the predictive models identifying potential habitat for natural heritage resources.

Under a Memorandum of Agreement established between the Virginia Department of Agriculture and Consumer Services (VDACS) and the Virginia Department of Conservation and Recreation (DCR), DCR represents VDACS in comments regarding potential impacts on state-listed threatened and endangered plant and insect species. The current activity will not affect any documented state-listed plants or insects.

Any absence of data may indicate that the project area has not been surveyed, rather than confirm that the area lacks additional natural heritage resources. New and updated information is continually added to Biotics. Please revisit this website or contact DCR for an update on this natural heritage information if a significant amount of time passes (DCR recommends no more than six months) before it is utilized.

The Virginia Department of Game and Inland Fisheries maintains a database of wildlife locations, including threatened and endangered species, trout streams, and anadromous fish waters, that may contain information not documented in the Natural Heritage Data Explorer. Their database may be accessed from http://vafwis.org/fwis/ or contact Ernie Aschenbach (804-367-2733 or <a href="maintain-ernitage-ernita

Thank you for submitting your project to the Virginia Department of Conservation and Recreation's Natural Heritage Data Explorer Web Service. Should you have any questions or concerns about this report, the Data Explorer, or other Virginia Natural Heritage Program services, please contact the Natural Heritage Project Review Unit at 804-371-2708.

Attachment F
Air and Noise Analysis



MEMORANDUM

To: Daniel Grinnell

From: Allison Fluitt

Kelsey Riley

Kimley-Horn and Associates, Inc.

Date: March 5, 2020

Subject: Sudley Road Northbound Widening (UPC 109293, State Project 0234-155-306)

The following memorandum details Kimley-Horn's air quality analysis of the Sudley Road northbound roadway widening project from Grant Avenue in the City of Manassas to north of Godwin Drive in Prince William County.

The City of Manassas is proposing to add a third lane to approximately 1.2 miles of Route 234 (Sudley Road) in the northbound direction, from Grant Avenue in the City of Manassas to just north of Godwin Drive in Prince William County. The addition of a third lane will require 0.55 miles of new pavement and restriping of an existing right turn lane for the remaining 0.65 miles to accommodate both right turn and through traffic. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 75 feet to the south. The project includes new pavement, curb and gutter, sidewalk, drainage, stormwater management, a quadruple box culvert extension, signing and pavement markings, traffic signal modifications and utility relocations. The project will tie into an existing 3-lane section with sidewalk in Prince William County. The enclosed map shows the general location of the study area. **Figure 1** (attached) shows the project extent.

Carbon Monoxide

The level of air quality analysis required for carbon monoxide (CO) for the study area is dependent upon a programmatic agreement between FHWA and VDOT from April 2016 based on the 2015 NCHRP 25-25 task 78 template. The programmatic agreement is applicable to intersections with a grade of 2% or less, six approach lanes or less, forecast approach speeds not less than 15 mph, and for non-skewed intersections (90 degree intersections). Two of the roadways that intersect with Sudley Road (Stonewall Rd and Grant Ave) are considered to be skewed. The skewed intersections are approximately at a 45-degree angle with a 2040 AADT of 30,300 vehicles per day which is below the threshold from the 2009 Programmatic Agreement which is incorporated by reference in the 2016 PA for skewed intersections; thus, the intersections contained in this analysis meets all of the programmatic agreement intersection criteria. Therefore, the application of the 2016 programmatic agreement was conducted for the remaining non-skewed intersections. The local background concentration for this region was determined using the data located in the Project-Level Air Quality Analysis Resource Document dated December 2018. Prince William County and the City of Manassas are located in the the Northern Virginia Region. For the Northern Virginia Region the 1



hour local background concentration for CO is 1.6 ppm and the 8 hour background concentration is 1.4 ppm. Using the resource document it was also determined the default persistence factor is 0.77 for the state. This value was determined by using the average of the 10 highest persistence factors. The Table below shows the results of the worst case one- and eight-hour concentrations for CO for the study intersections that intersect at 90 degrees. The approach speed was assumed to be 15 mph to provide a worst case scenario for the analysis and the CO concentrations and the one-hour CO concentration was used for an urban intersection from Table 2 in the Programmatic Agreement.

Intersections	Approach Speed (mph)	Approach Lanes	One-Hour Concentration (from the table, ppm)	Calc 1 hour (ppm)	Calc 8 hour (ppm)
Sudley Road and Godwin Drive	15	4	6.5	¹ 8.1	² 6.4
Sudley Road and Rolling Road	15	4	6.5	8.1	6.4
Sudley Road and Doesey Circle	15	4	6.5	8.1	6.4
Sudley Road and Diggers Road	15	4	6.5	8.1	6.4
Sudley Road and Plantation Lane	15	3	6.5	8.1	6.4

The National Ambient Air Quality Standard (NAAQS) thresholds for CO are 35 ppm for a one hour averaging time and 9 ppm for an eight hour averaging time. The one and eight-hour values calculated for each intersection are below these thresholds. As such, this project is covered by the programmatic agreement. The project is consistent with (and does not exceed) the project types and conditions listed in the agreement between the Federal Highway Administration and the Virginia Department of Transportation for streamling the project-level air quality analysis process for carbon monoxide. Modeling using "worst-case" parameters has been conducted for these project types and conditions. It has been determined that projects such as this one would not significantly impact air quality and would not cause or contribute to a new violation, increase the frequency or severity of an existing violation, or delay timely attainment of the NAAQS for carbon monoxide.

-

¹ One-hour concentration (ppm)= One-Hour concentration from the table + local background concentration (1.6)

² Eight-hour concentration (ppm)= One-Hour concentration from the table x local persistence factor (0.77) + local background concentration (1.4)



Particulate Matter

Mobile sources serve as contributors to particulate matter emissions. The final rule establishing that projects within non-attainment or maintenance areas for $PM_{2.5}$ require a qualitative analysis was published on March 10, 2006. Prince William County is designated as in attainment for both the 1997 and 2012 annual and the 2006 24-hour $PM_{2.5}$ standards. This project is within an attainment area for $PM_{2.5}$ and PM_{10} and does not include significant increases in diesel traffic. Therefore, no qualitative or quantitative $PM_{2.5}$ or PM_{10} analysis is required.

MSAT

This project is a CE level NEPA assessment that is not expected to have meaningful impacts on traffic volumes or vehicle mix. As such, no further analysis is needed per FHWA's Interim Guidance Update on MSAT Analysis in NEPA dated October 18, 2016³. The purpose of the project is to improve the corridor by the addition of a third lane which will require 0.55 miles of new pavement and restriping of an existing right turn lane for the remaining 0.65 miles to accommodate both right turn and through traffic. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 75 feet to the south. This project has been determined to generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special mobile source air toxics (MSAT) concerns. As such, this project will not result in changes in traffic volumes, vehicle mix, basic project location, or any other factor that would cause a meaningful increase in MSAT impacts of the project from that of the no-build alternative.

Moreover, Environmental Protection Agency (EPA) regulations for vehicle engines and fuels will cause overall MSAT emissions to decline significantly over the next several decades. Based on regulations now in effect, an analysis of national trends with EPA's MOVES2014 model forecasts a combined reduction of over 90 percent in the total annual emissions rate for the priority MSAT from 2010 to 2050 while vehicle-miles of travel are projected to increase by over 45 percent (Updated Interim Guidance on Mobile Source Air Toxic Analysis in NEPA Documents, Federal Highway Administration, October 18, 2016). This will both reduce the background level of MSAT as well as the possibility of even minor MSAT emissions from the project.

In FHWA's view, information is incomplete or unavailable to credibly predict the project-specific health impacts due to changes in mobile source air toxic (MSAT) emissions associated with a proposed set of highway alternatives. The outcome of such an assessment, adverse or not, would be influenced more by the uncertainty introduced into the process through assumption and speculation rather than any genuine insight into the actual health impacts directly attributable to MSAT exposure associated with a proposed action.

Regional Conformity

³ http://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/msat/2016msat.pdf

kimley-horn.com



This project lies with in Prince William County which is currently in a non-attainment area for 8-hour ozone. The project is in an area which is in attainment for all other NAAQS. The project is in an area subject to conformity requirements for 8-hour ozone and therefore must be included in a currently conforming transportation plan and program before being implemented per 40 CFR 93.114 and 40 CFR 93.115. In addition, the project is located in a volatile organic compounds (VOC) and nitrogen oxides (NOx) Emissions Control Area. As such, all reasonable precautions should be taken to limit the emissions of VOC and NOx. The following VDEQ air pollution regulations must be adhered to during the construction of this project: 9 VAC 5-130, Open Burning restrictions; and 9 VAC 5-50, Article 1, Fugitive Dust precautions.

Please let us know if you have any questions or comments regarding this memorandum. I can be reached by email at <u>allison.fluitt@kimley-horn.com</u> or by phone at (919) 653-2947.

Thank you,

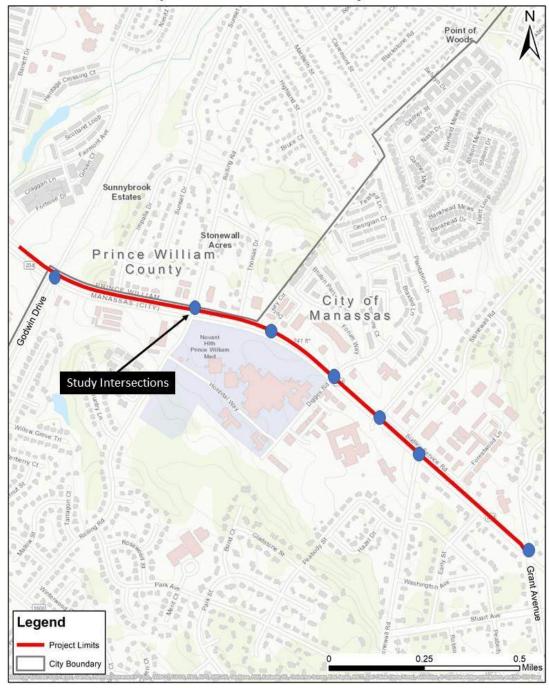
Allison Fluitt

an M. Sult



Figure 1. Project Location

Sudley Road Third Lane: Project Area





October 30, 2019

To: LJ Muchenje, P.E., PMP

Highway Noise Abatement Coordinator Virginia Department of Transportation

1401 East Broad Street Richmond, VA 23219

From: Natalie Smusz-Mengelkoch, P.E.

817 West Peachtree Street, NW, The Biltmore, Suite 601, Atlanta, GA 30308

Subject: Sudley Road (Route 234) Northbound Widening Project

UPC: 109293

Project No.: 0234-155-306

The City of Manassas is working with the Virginia Department of Transportation (VDOT) and the Federal Highway Administration (FHWA) to consider the proposed roadway improvements along Sudley Road (Route 234), between Grant Avenue and Godwin Drive in Manassas, Virginia. Traffic noise has been analyzed along the entire project corridor to consider existing and potential future noise impacts due to the proposed project and to meet the requirements set forth by the National Environmental Policy Act (NEPA). The purpose of this memorandum is to summarize the results of the noise analysis for the above-mentioned project. This analysis has been completed in accordance with the VDOT *Highway Traffic Noise Impact Analysis Guidance Manual* (February 2018), the State Noise Abatement Policy (SNAP), and Title 23 Code of Federal Regulations, Part 772 (23 CFR 772).

The purpose of the project is to reduce congestion and increase capacity by adding a third northbound through-traffic lane as well as improving the pedestrian infrastructure by adding sidewalk. Per the Federal noise regulations and the SNAP, the project qualifies as a Type I project, since the project involves the addition of a through-traffic lane, and as a result a noise study is required.

Through coordination with VDOT, it was initially anticipated that utilizing FHWA's Low Volume Road Noise Calculation Tool and preparing a Narrative Analysis would be appropriate for this project. However, after inputting project parameters into the FHWA Low Volume Road Noise Calculation Tool, it was determined that simple computer models would need to be created using FHWA's Traffic Noise Model® version 2.5 (TNM 2.5) and that a Screening Analysis would be a more suitable level of documentation for this project. This determination was made since noise wall abatement would not be feasible due to site access constraints, even if the analysis resulted in traffic noise impacts. **Figure 1** shows the project location.

A desktop review of the project area was performed, and multiple areas of frequent human use were identified and studied in this noise analysis. The noise-sensitive sites along the proposed project corridor include single-family residences, places of worship, restaurants, and a hospital. The studied noise-sensitive receptors are shown in **Figures 2a-2c**. Field noise measurements were not taken as part of this noise analysis.



The State Noise Abatement Policy has adopted the Noise Abatement Criteria (NAC) that have been established by FHWA (23 CFR 772) for determining traffic noise impacts for a variety of activity categories. The NAC represent the upper limit of acceptable traffic noise conditions within exterior areas having frequent human use. They do not apply to the entire tract of land on which the activity is based, but only to that portion where the activity takes place. The NAC is given in terms of the hourly, A-weighted, equivalent sound level in decibels [dB(A)]. The NAC noise levels are shown in Table 1 of the State Noise Abatement Policy.

A noise-sensitive receptor is considered to be impacted by traffic noise if either of the following two conditions is met:

- The VDOT State Noise Abatement Policy defines an approach level to be used when determining a traffic noise impact. The "Approach" level has been defined by VDOT as 1 dB(A) less than the Noise Abatement Criteria for Activity Categories A to E.
- The predicted traffic noise levels are substantially higher than the existing noise levels. VDOT
 defines a substantial noise increase to have occurred when the predicted highway traffic
 noise levels exceed existing noise levels by 10 dB(A) or more for all noise sensitive exterior
 activity categories.

The residences located along the project corridor are considered NAC Category B, the outdoor use area at the places of worship and hospital are considered NAC Category C, and the restaurants are considered NAC Category E. The studied noise-sensitive receivers were grouped into one Common Noise Environment (CNE). The *Highway Traffic Noise Impact Analysis Guidance Manual* defines a CNE as a group of receptors within the same Activity Category that are exposed to similar noise sources and levels; traffic volumes, traffic mix, and speed; and have similar topographic features. Several properties, such as convenience stores, retail facilities, and other commercial land uses, along the project corridor were not considered as part of this analysis because they are Category F properties. Category F properties are not considered to be noise sensitive.

Traffic data used for the noise analysis was derived from Annual Average Daily Traffic (AADT) volumes obtained from the *Virginia Department of Transportation Traffic Data Publications* on VDOT's website. Historic traffic data was analyzed to develop an approximate annual growth rate that could be applied to existing traffic volumes to estimate design year traffic volumes. A 0.5% annual growth rate was assumed to be conservative. Truck percentages were estimated using traffic mix data from the *2017 Traffic Data Publications* available on VDOT's website. The historical growth rate and traffic volume calculations are included in **Appendix A**. The Environmental Traffic Data (ENTRADA) spreadsheet was not used to determine the worst noise hour along the project corridor since this is a noise screening analysis and since traffic noise impacts were not predicted.

The existing year (2017) exterior traffic noise levels throughout the corridor range between 55 dB(A) and 64 dB(A). The design year (2050) build exterior traffic noise levels are predicted to range between 55 dB(A) and 65 dB(A). The noise levels throughout the project corridor are anticipated to increase an average of approximately 1 dB(A) between the existing and design year.



Table 1 contains a summary of the predicted noise levels for each of the modeled noise-sensitive receptors associated with the proposed project. The design year (2050) build noise model included the proposed third northbound through-traffic lane along Sudley Road, which is located closer to various noise-sensitive receptors. The location of all noise-sensitive receptors within the project study area are shown in **Figures 2a-2c**.

Table 1: Predicted Noise Levels

		Activity	NAC	Dwelling	Predicted Noise Levels [dB(A)]				
Receiver ID	Land Use	Category	[dB(A)]	Units	2017 Existing Condition	2050 Build Condition			
1	Church	С	67	1	59	61			
2	Residential	В	67	1	64	65			
3	Residential	В	67	1	63	64			
4	Residential	В	67	1	63	64			
5	Residential	В	67	1	63	64			
6	Residential	В	67	1	63	64			
7	Residential	В	67	1	63	64			
8	Residential	В	67	1	62	63			
9	Residential	В	67	1	62	63			
10	Residential	В	67	1	63	64			
11	Residential	В	67	1	63	64			
12	Church	С	67	1	56	57			
13	Church	С	67	1	60	61			
14	Church	С	67	1	55	55			
15	Hospital	С	67	1	58	59			
16	Restaurant	E	72	1	60	61			
17	Restaurant	E	72	1	59	60			
18	Residential	В	67	1	60	62			
19	Residential	В	67	1	61	63			

Existing and future traffic noise is not predicted to impact any of the studied noise-sensitive receptors along the project corridor. Therefore, noise abatement measures were not considered for this project.

The current noise regulations require the inclusion of undeveloped lands with an approved building permit in the noise analysis. The entire project corridor is developed and does not have any vacant land; therefore, the corridor was not evaluated for any potentially undeveloped land.

Any construction noise impacts that occur as a result of the roadway construction are anticipated to be temporary in nature and will cease upon completion of the project construction phase. The contractor will be required to conform to the construction noise specifications found in VDOT's 2016 Road and Bridge Specifications, Section 107.16(b.3), "Noise."



In conclusion, this project will not significantly alter the overall noise levels throughout the study area. Abatement was not considered for this analysis because design year (2050) traffic noise impacts were not predicted. Therefore, noise abatement is not recommended for this project.

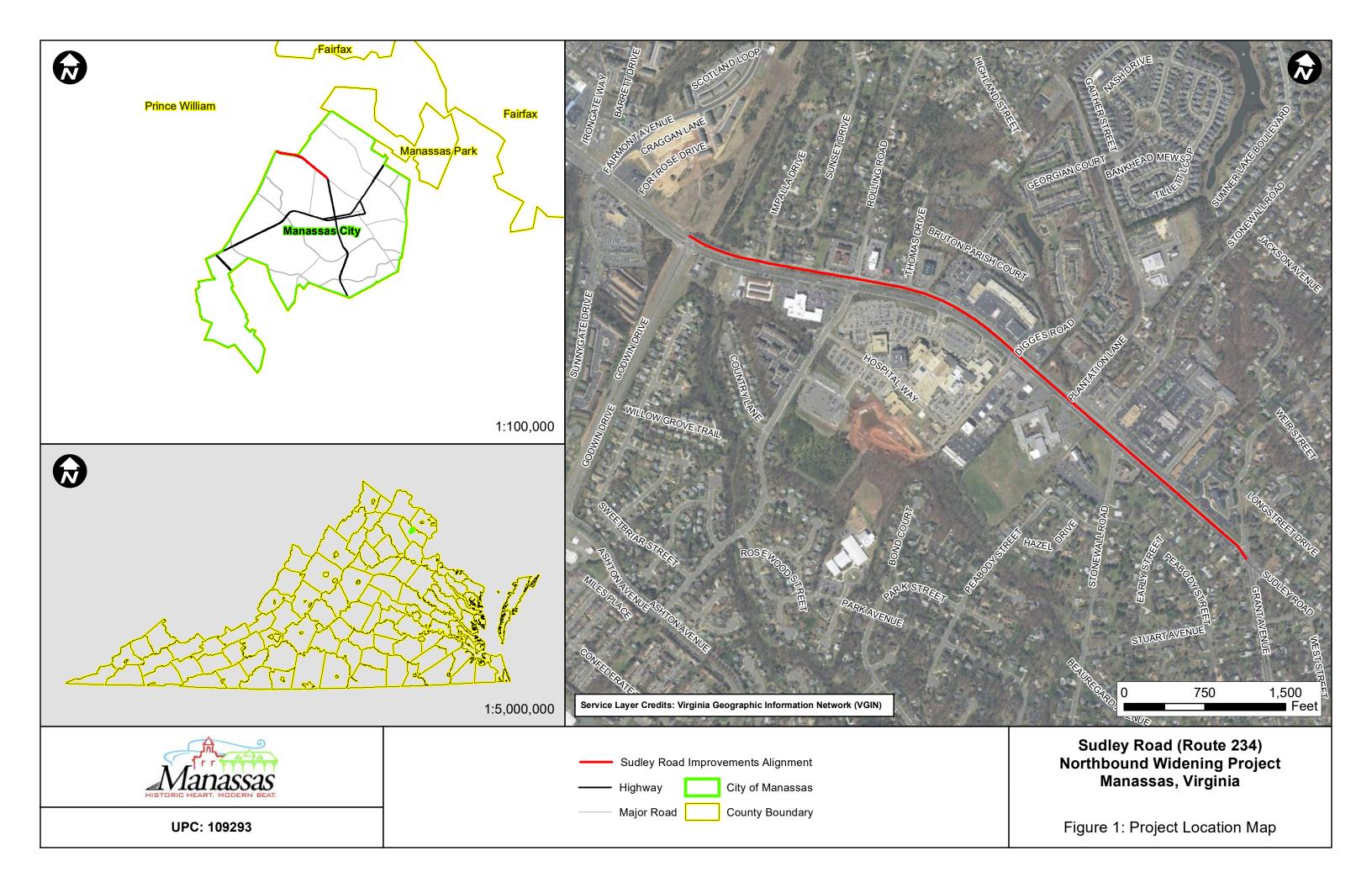
This screening analysis has been prepared in lieu of a detailed quantitative noise analysis and completes the traffic noise requirements of 23 CFR 772 and the VDOT SNAP.

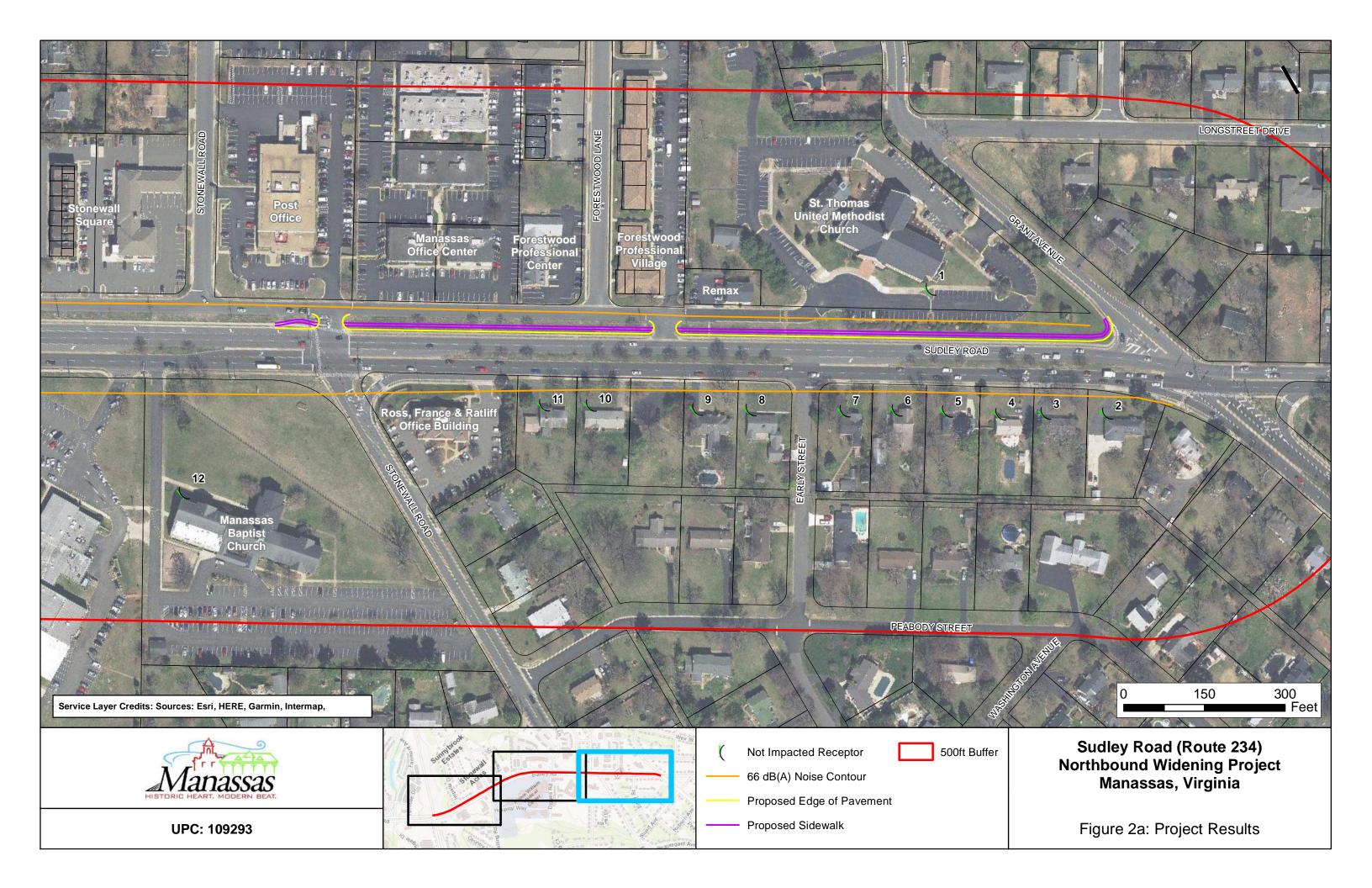
Please contact me at (404) 445-1902 or Natalie.Mengelkoch@kimley-horn.com should you have any questions or concerns.

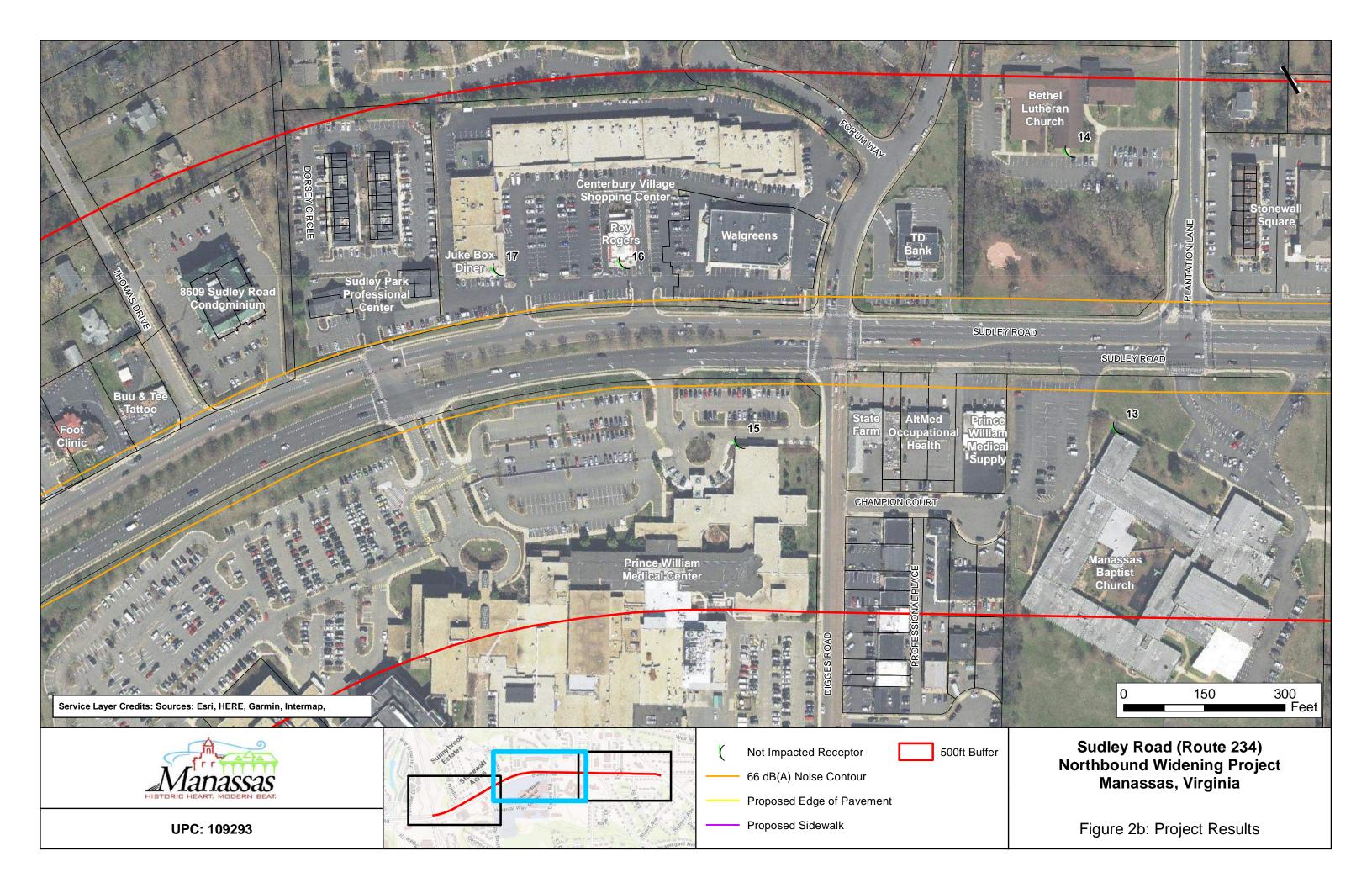
Sincerely,

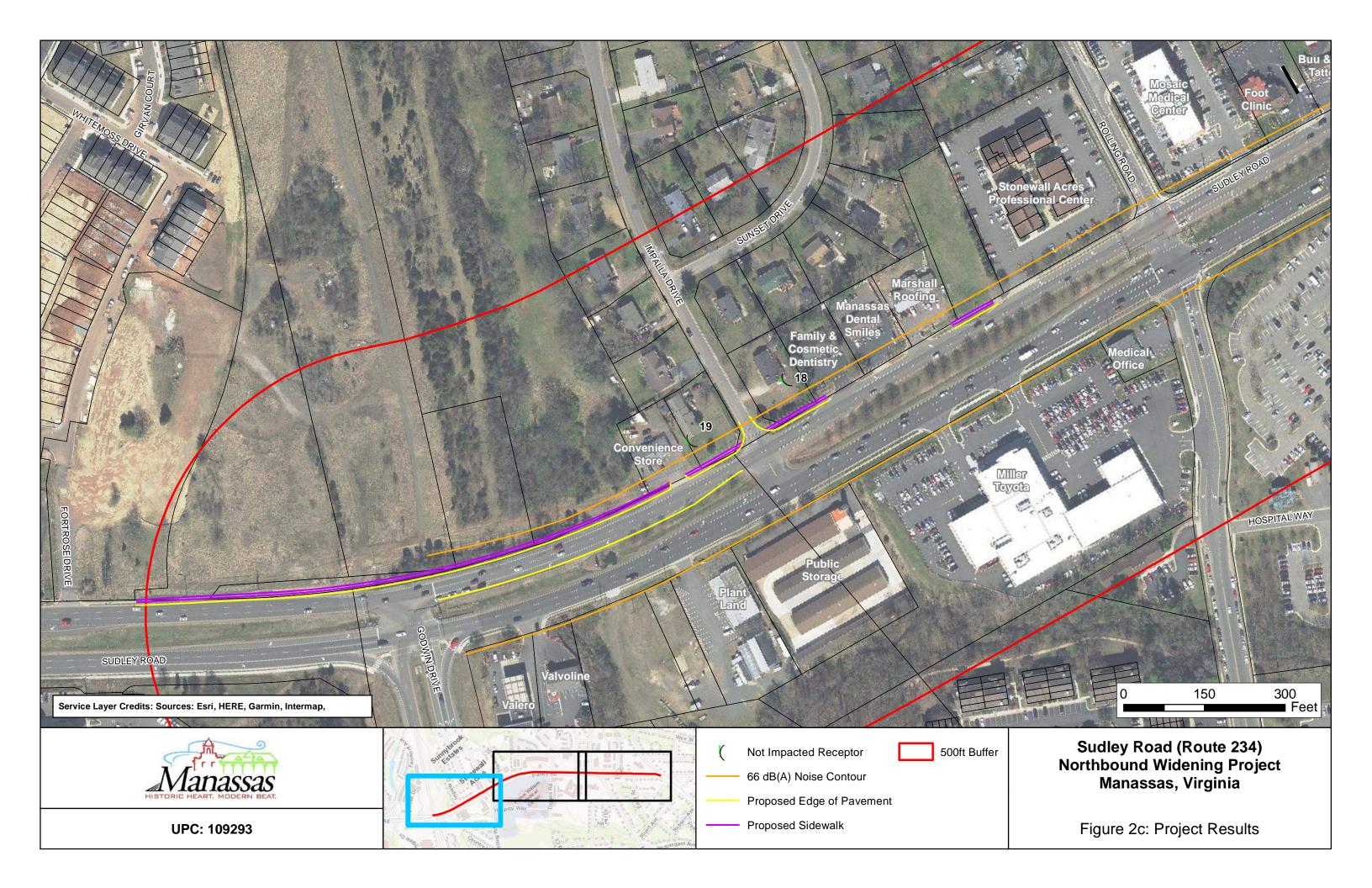
Natalie Smusz-Mengelkoch, P.E.

Traffic Noise Specialist









Appendix A

CALCULATED TRAFFIC VOLUMES

2017 Average Annual Daily Traffic Volumes2050 Average Annual Daily Traffic Volumes



Project Name Sudley Road Third Lane

Growth Rate Calculations

Roadway 2002								AADT ¹						15 Year	10 Year	9 Year	8 Year	7 Year	6 Year	5 Year	4 Year	3 Year	2 Year	1 Year
		2002	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Growth	Growth	Growth	Growth	Growth	Growth	Growth	Growth	Growth	Growth	Growth
Sudley Road	Grant Ave to Northern City Line	35,000	31,000	34,000	30,000	28,000	29,000	28,000	27,000	27,000	26,000	26,000	27,000	-1.72%	-1.37%	-2.53%	-1.31%	-0.52%	-1.18%	-0.72%	0.00%	0.00%	1.90%	3.85%
													Average	-1.72%	-1.37%	-2.53%	-1.31%	-0.52%	-1.18%	-0.72%	0.00%	0.00%	1.90%	3.85%

¹AADT information obtained from <u>Virginia Department of Transportation Daily Traffic Volume Estimates - City of Manassas</u>

Northbound Volume Calculation:

Growth rate over several years has been negative. To be conservative, a 0.5% growth rate was assumed.

 2017 Northbound Volume
 13500

 2020 Northbound Volume
 13700

 2050 Northbound Volume
 15900

 % Buses and Trucks (from 2017 data)
 2%

2017 Traffic Volumes Sudley Road, between Grant Avenue and Godwin Drive

Traffi	c Informati	on	NB Traffi	c Volumes a	nd Speed	SB Traffic Volumes and Speed				
Veh/day	270	000	Autos	1058	35	Autos	1058	35		
K	0.	08	MT	11	35	MT	11	35		
Peak Hr Vol	21	60	HT	11	35	HT	11	35		
D	50	50		1080	2160		1080			
Direction	NB	SB								
Peak Dir Vol	1080	1080		940	LOS (C Cap	940			
d	•	1		2	# of	lanes	2			
t		1		1880	Direction	nal Cap	1880			

2050 Traffic Volumes Sudley Road, between Grant Avenue and Godwin Drive

Traffi	ic Informati	on	NB Traffi	c Volumes a	ınd Speed	SB Traffic Volumes and Speed				
Veh/day	31	800	Autos	1246	35	Autos	1246	35		
K	0.	08	MT	13	35	MT	13	35		
Peak Hr Vol	25	544	HT	13	35	HT	13	35		
D	50	50		1272	25	44	1272			
Direction	NB	SB						-		
Peak Dir Vol	1272	1272		940	LOS	C Cap	940			
d		1		3	# of lanes		2			
t		1		2820	Direction	nal Cap	1880			

Attachment G Hazardous Materials Information



Memorandum

To: City of Manassas (c/o Bryan Foster)

From: Jessica Doherty

Kimley-Horn and Associates, Inc.

Date: June 16, 2020

Project: Sudley Road Third Lane

Manassas, Virginia

UPC #109293

Subject: Limited Evaluation for Hazardous Materials

Kimley-Horn and Associates, Inc. (Kimley-Horn) conducted a limited evaluation of the proposed project area for the potential for encountering hazardous materials or petroleum impacted soil during project construction. This evaluation is used to identify properties of concern which may have adversely impacted soil and groundwater quality in the footprint of the proposed improvements that would require deep excavation. Deep excavation is defined as soil excavation of three feet or greater below current land surface. The memo identifies such properties as sites of concern.

1. Project Corridor Location and Description

The proposed project consists of providing a third continuous northbound through lane for 1.2 miles of Sudley Road between Grant Avenue and Godwin Drive. This will include converting existing right-turn lanes to a shared through/right-turn lane where available and widening approximately 3,000 feet of Sudley Road where it is currently non-existent. Additionally, the existing left turn lane onto Godwin Drive will be extended approximately 200 feet to the south. The project includes installing curb and gutter, installing and upgrading guardrail, and adding sidewalk on the northern side of Sudley Road. A channelization island will be added at Grant Avenue and Sudley Road. Crosswalks will be added to the following intersections:

- Across Sudley Road at Godwin Drive;
- Across Impalla Drive at Sudley Road; and
- Across Sudley Road at Rolling Road

The United States Geological Survey (USGS) Manassas, VA 7.5 Minute Quadrangle Topographic Map indicates the elevation of the project corridor is between 200 and 300 feet above the North American Vertical Datum of 1988. The majority of the storm water and surface water run-off from the project area appears to flow along gutters and into storm sewer drop inlets or ditching beside pavement at curbs located along the project area. The location and extent of the project area is shown in Figures 1-3 within **Attachment A**.



2. Findings

The limited evaluation consisted of a site reconnaissance on November 5, 2019 and a review of industry standard state and federal environmental databases. The site reconnaissance was limited to a review of the project corridor and adjacent properties from public thoroughfares. A summary of the findings from the review is as follows:

2.1 Site Review/Reconnaissance. Site reconnaissance activities consisted of a visual inspection of the project area on November 5, 2019 from the existing right-of-way to identify any objects that have or may have adversely affected the soil and groundwater of the project area. Evidence of spills and releases, underground storage tanks (USTs) and aboveground storage tanks (ASTs), and releases from transformers were of particular interest. No observations of tanks or spills were observed during this limited evaluation, nor were any pad- or polemounted transformers or PCB stickers observed.

The project area is comprised of primarily paved areas including Sudley Road and adjacent commercial parking lots and a few private driveways. There are small grassy areas within the project area, but these are mainly maintained areas within the median and adjacent businesses. At the northeastern end of the project area where Sudley Road intersects Godwin Drive, there is a stream crossing of an unnamed tributary of Flat Branch.

A visual inspection of the project area identified no environmental concerns.

- 2.2 Major State and Federal Environmental Databases. Environmental Data Resources (EDR) provided an environmental database search of State and Federal regulatory agency records for the project corridor (Attachment B). The following records in the databases concerning the use or releases of contaminants were located on parcels within or adjacent to the project area. Distances provided are approximate and based on measurements in Google Earth and locations provided in the EDR report. A map of the following locations is provided in Attachment A. Table 1 summarizes the findings at the following locations.
 - 8566 Sudley Road, Miller Toyota-Volvo Miller Toyota-Volvo is located approximately 215 feet south of the project area, southwest of the intersection of Sudley Road and Rolling Road. The site is listed on the VA UST, VA AST, VA SPILLS, VA L TANKS, RCRA-VSQG, FIDNS, ECHO, and NJ MANIFEST databases. The EDR report identified two inactive USTs containing gasoline, one active AST containing gasoline, and a conditionally exempt small quantity generator. One spill was reported on March 9, 2006 due to used oil and transmission fluid found on the ground by a dumpster. The case was closed on August 10, 2006. There was also a leaking tank reported on November 20, 2014, but the case was closed on December 3, 2014. The site is classified as a conditionally exempt small quantity generator that handles more than 100 kilograms (kg) and less than 1,000kg of hazardous waste during any calendar month. A list of the wastes produced by the site can be referenced in the EDR Radius Report attached.



- 8565 Sudley Road Suite D, Gulf Coast Land & Dev LLC Gulf Coast Land & Dev LLC was identified as a historic gas station (EDR Hist Auto). This site is located northwest of the intersection of Sudley Road and Rolling Road and intersects the northern boundary of the project area.
- 8428 Impalla Drive, Sowder Bob Residence This residence is located within the
 project area northwest of the intersection of Sudley Road and Impalla Drive. A
 leaking UST was identified on the EDR report, and the case was closed on
 September 18, 2000.
- 8691 Sudley Road, Crystal Cleaners Crystal Cleaners was identified as a historic dry cleaner (EDR Hist Cleaners). This site is located northwest of the intersection of Sudley Road and Digges Road, approximately 185 feet north of the project area,
- 8700 Sudley Road, Prince William Hospital Prince William Hospital is located approximately 280 feet south of the project area. The site is listed on the RCRA-VSQG, ICIS, US AIRS, FINDS, ECHO, NY MANIFEST, VA SWF/LF, VA LTANKS, VA UST, VA AIRS, NJ MANIFEST, and PA MANIFEST databases. The site is classified as a conditionally exempt small quantify generator that handles more than 100kg and less than 1,000kg of hazardous waste during any calendar month. A list of wastes produced by the site can be referenced in the EDR Radius Report attached. The site is classified as a regulated medical waste facility with monthly air quality inspections. One UST containing heating oil is listed as removed.
- 8425 Impalla Drive, Stratton Douglas B Residence The Stratton Douglas B
 residence is located southeast of the intersection of Sunset Drive and Impalla Drive,
 approximately 85 feet north of the project area. A leaking tank was identified on the
 EDR report, and the case was closed on September 10, 2012.
- 8801 Sudley Road, U.S. Post Office A United States Post Office is located northeast of the intersection of Sudley Road and Stonewall Road and intersects the northern boundary of the project area. The site is listed on the VA LTANKS, VA UST, and VA LUST databases. A leaking tank was identified on the EDR report, and the case was closed on December 20, 1994. There are three inactive USTs containing gasoline listed on the EDR, two of which are listed as being removed from the ground and one remains in the ground.
- 8803 Sudley Road, H.G. Smithy This site intersects the northern boundary of the project area, and is located along Sudley Road between its intersection with Plantation Lane and Forestwood Lane. A leaking UST was identified on the EDR report, and the case was closed on February 21, 1995.
- 8536 Sudley Road, Sudley Valero This gas station is located approximately 50 feet south of the project area. The site is listed on the VA UST and the VA Financial Assurance databases. There are two gasoline containing USTs currently in use.
- 8538 Sudley Road, Valvoline This gas station is located approximately 85 feet south of the project area. The site is listed on the RCRA-VSQG, FINDS, and ECHO databases. The site is classified as a conditionally exempt small quantify generator that handles more than 100kg and less than 1,000kg of hazardous waste during any calendar month. A list of wastes produced by the site can be referenced in the EDR Radius Report attached.



- 8807 Sudley Road, Manassas Office Center III This site is located approximately 135 feet north of the project area and is located along Sudley Road between its intersection with Plantation Lane and Forestwood Lane. A leaking UST was identified on the EDR report, and the case was closed on June 8, 2001.
- 8667 Sudley Road Suite 303, Osorne Shell & Miller Osorne Shell & Miller is located
 in a shopping center northwest of the intersection of Sudley Road and Digges Road,
 approximately 200 feet north of the project area. This site was identified on the EDR
 report as a historic gas station (EDR Hist Auto).
- 8521 Sudley Road, Service Station Sunoco Service Station Sunoco intersects the
 northern boundary of the project area and is located west of the intersection of
 Sudley Road and Fortrose Drive. It is listed on the RCRA NonGen/NLR, FINDS, and
 ECHO databases. According to the EDR report, the non-generators do not presently
 generate hazardous waste.
- 8422 Impalla Drive, Bryne Terence and Paula Residence This residence is located approximately 260 feet north of the project area, near the intersection of Impalla Drive and Sunset Drive. A leaking tank was identified on the EDR report and the case was closed on November 20, 2003.
- 8522 Thomas Drive, Burgess Carolyn Property This residence is located approximately 140 feet north of the project area. A leaking tank was identified on the EDR report, and the case was closed on December 19, 2003.
- 8521 Thomas Drive, Daffan Land Limited Liability Corporation Property This
 property is located approximately 185 feet north of the project area. A leaking tank
 was identified on the EDR report and the case was closed on April 7, 2006.
- 8893 Grant Avenue, Wiedmeier Robert J. and Edith A. Property This residence is located approximately 320 feet north of the project area, near the intersection of Grant Avenue and Longstreet Drive. A leaking tank was identified on the EDR report and the case was closed on June 27, 2017.
- 8417 Sunset Drive, IBM Corp PW-07 Groundwater Treatment Facility This property
 is located approximately 460 feet north of the project area. It is listed on the PA
 MANIFEST and the RCRA-VSQG databases. There are cargo tanks listed on the
 property, and it is classified as a conditionally exempt small quantify generator that
 handles more than 100kg and less than 1,000kg of hazardous waste during any
 calendar month. A list of wastes produced by the site can be referenced in the EDR
 Radius Report attached.
- 9389 Forestwood Lane, Chiropractic Health Clinic This property is located approximately 250 feet north of the project area. It is listed on the FINDS, RCRA Nongen/NLR, and ECHO databases. According to the EDR report, the nongenerators do not presently generate hazardous waste.



Table 1. EDR Report Summary

ID	Name	Address	Database	Distance and Direction
1	Miller Toyota-Volvo	8566 Sudley Rd	VA UST, VA AST, VA SPILLS, VA LTANKS, RCRA-VSQG, FINDS, ECHO, NJ MANIFEST	25 feet south
2	Gulf Coast Land & Dev LLC	8565 Sudley Road Ste D	EDR Hist Auto	Within project area
3	Crystal Cleaners	8691 Sudley Rd	EDR Hist Cleaner	1,100 feet west
4	Prince William Hospital	8700 Sudley Rd	RCRA-VSQG, ICIS, US AIRS, FINDS, ECHO, NY MANIFEST, VA SWF/LF, VA LTANKS, VA UST, VA AIRS, NJ MANIFEST, PA MANIFEST	1,100 feet west
5	Stratton Douglas B Residence	8425 Impalla Dr	VA LTANKS	85 feet north
6	U.S. Post Office	8801 Sudley Rd	VA LTANKS, VA UST, VA LUST	Within project area
7	H.G. Smithy	8803 Sudley Rd	VA LUST, VA LTANKS	Within project area
8	Sudley Valero	8536 Sudley Rd	VA UST, VA Financial Assurance	50 feet south
9	Valvoline	8538 Sudley Rd	RCRA-VSQG, FINDS, ECHO	70 feet south
10	Manassas Office Center III	8807 Sudley Rd	VA LTANKS, VA LUST	135 feet north
11	Osorne Shell & Miller	8667 Sudley Rd Ste 303	EDR Hist Auto	1,200 feet east
12	Service Station Sunoco	8521 Sudley Rd	RCRA NonGen/NLR, FINDS, ECHO	185 feet west
13	Bryne Terence and Paula Residence	8422 Impalla Dr	VA LTANKS	260 feet north
14	Burgess Carolyn Property	8522 Thomas Dr	VA LTANKS	425 feet northeast



ID	Name	Address	Database	Distance and Direction
15	Daffan Land Limited Liability Corporation Property	8521 Thomas Dr	VA LTANKS	760 feet northeast
16	Wiedmeier Robert J and Edith A Property	8893 Grant Ave	VA LTANKS	320 feet north
17	IBM Corp PW-07 Groundwater Treatment Facility	8417 Sunset Drive	PA MANIFEST, RCRA- VSQG	460 feet north
18	Sowder Bob Residence	8428 Impalla Drive	LTANKS, LUST	Within project area
19	Chiropractic Health Clinic	9389 Forestwood Lane	RCRA NonGen/NLR, FINDS, ECHO	115 feet north

3. Conclusions and Recommendations

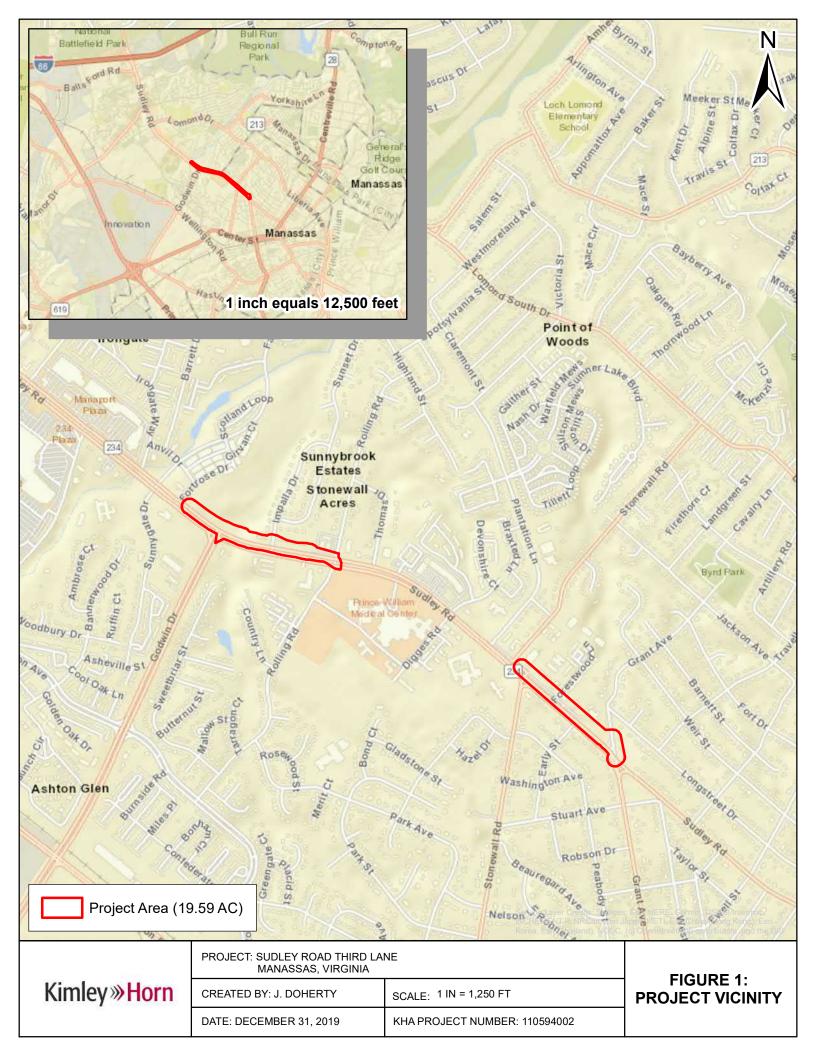
Based on a review of EDR provided state and federal databases and limited site reconnaissance of adjacent properties, no potential sites of concern were identified within the project area. If deep excavation is desired during construction and impacted soils are encountered, the impacted soils should be handled in accordance with all applicable state regulations. Specifications should be developed detailing the procedure for identifying and managing contaminated soil generated during construction. If design changes occur, potential impacts should be reevaluated at that time.

The conclusions and recommendations contained within this report are based on a limited evaluation of the project area. Kimley-Horn cannot provide complete assurance that all areas of potential soil and groundwater contamination have been identified.

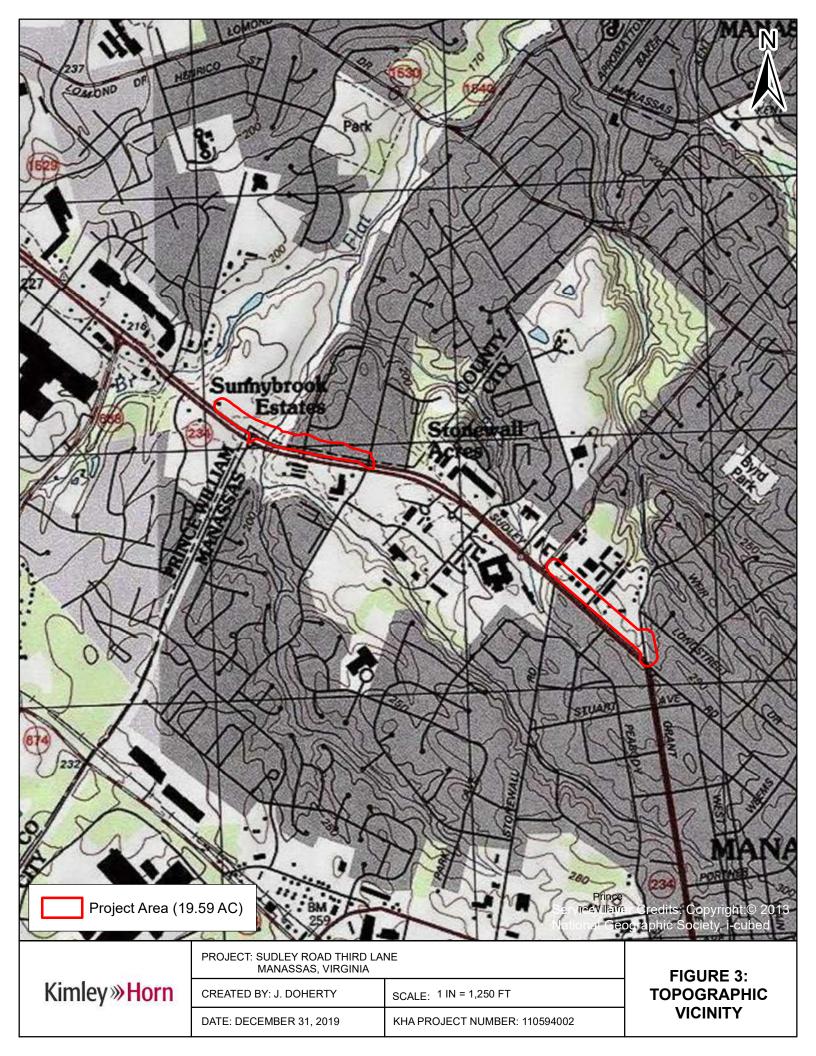
Attachment A: Figures
Attachment B: EDR Report

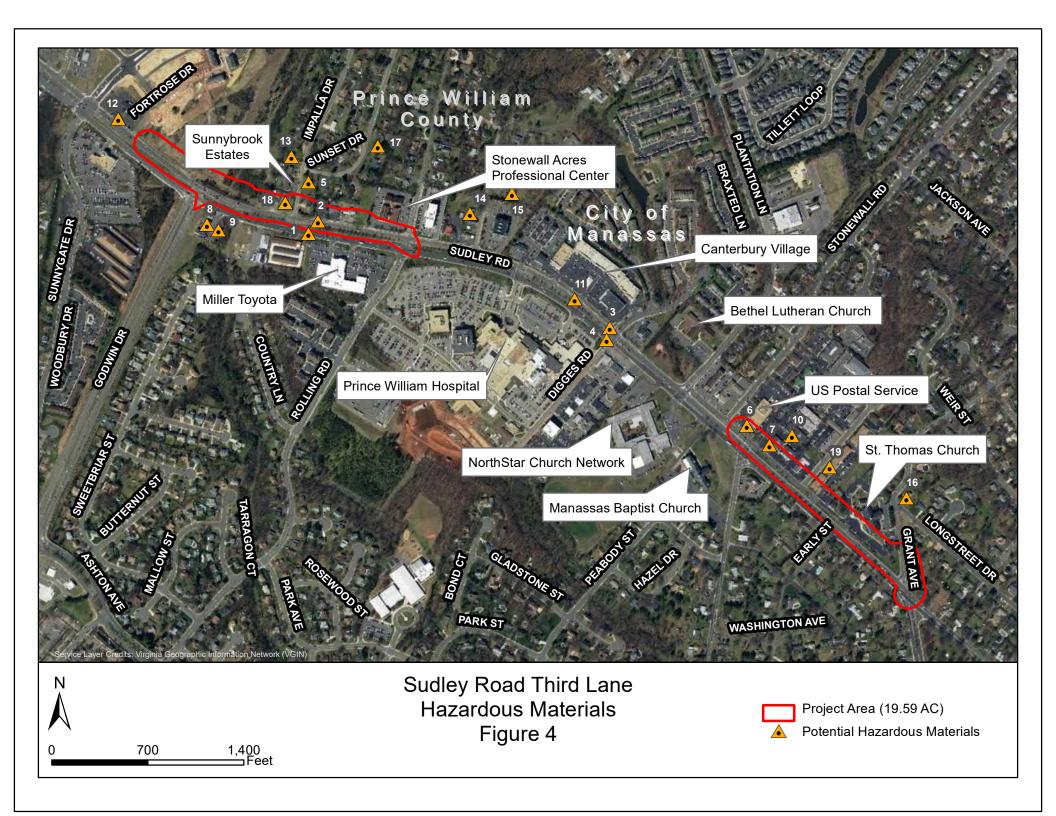


Attachment A: Figures











Attachment B: EDR Radius Report

Sudley Road Third Lane

8551 Sudley Road Manassas, VA 20110

Inquiry Number: 5815328.2s

October 03, 2019

The EDR Radius Map™ Report



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

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GEOCHECK ADDENDUM	

GeoCheck - Not Requested

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

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

8551 SUDLEY ROAD MANASSAS, VA 20110

COORDINATES

Latitude (North): 38.7703390 - 38° 46' 13.22" Longitude (West): 77.4934890 - 77° 29' 36.56"

Universal Tranverse Mercator: Zone 18 UTM X (Meters): 283367.7 UTM Y (Meters): 4294037.0

Elevation: 208 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5950523 MANASSAS, VA

Version Date: 2013

Southeast Map: 5950785 INDEPENDENT HILL, VA

Version Date: 2013

Southwest Map: 5950529 NOKESVILLE, VA

Version Date: 2013

Northwest Map: 5950569 GAINESVILLE, VA

Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140826 Source: USDA

MAPPED SITES SUMMARY

Target Property Address: 8551 SUDLEY ROAD MANASSAS, VA 20110

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	MILLER TOYOTA-VOLVO	8566 SUDLEY RD	VA UST, VA AST, VA SPILLS	Higher	1 ft.
A2	MILLER TOYOTA-VOLVO	8566 SUDLEY RD	VA LTANKS	Higher	1 ft.
B3	CRYSTAL CLEANERS	8691 SUDLEY RD	EDR Hist Cleaner	Higher	1 ft.
4	OSORNE SHELL & MILLE	8667 SUDLEY RD STE 3	EDR Hist Auto	Higher	1 ft.
C5	SOWDER BOB RESIDENCE	8428 IMPALA DR	VA LTANKS	Higher	1 ft.
C6	SOWDER, BOB RESIDENC	8428 IMPALA DRIVE	VA LUST	Higher	1 ft.
A7	MILLER TOYOTA VOLVO	8566 SUDLEY RD	RCRA-VSQG, FINDS, ECHO, NJ MANIFEST	Higher	1 ft.
A8	GULF COAST LAND & DE	8565 SUDLEY RD STE D	EDR Hist Auto	Higher	1 ft.
B9	PRINCE WILLIAM MEDIC	8700 SUDLEY RD	RCRA-VSQG, ICIS, US AIRS, FINDS, ECHO, NY MANIFE	ST Higher	1 ft.
D10	U S POST OFFICE - MA	8801 SUDLEY RD	VA LTANKS	Higher	1 ft.
D11	USPS - MANASSAS MAIN	8801 SUDLEY RD	VA UST	Higher	1 ft.
D12	H.G.SMITHY	8803 SUDLEY ROAD	VA LUST	Higher	1 ft.
D13	H G SMITHY	8803 SUDLEY RD	VA LTANKS	Higher	1 ft.
B14	PRINCE WILLIAM HOSPI	8700 SUDLEY RD	VA SWF/LF, VA LTANKS, VA UST, VA AIRS	Higher	1 ft.
B15	PRINCE WILLIAM HOSPI	8700 SUDLEY RD	NJ MANIFEST	Higher	1 ft.
D16	U.S. POST OFFICE	8801 SUDLEY ROAD	VA LUST	Higher	1 ft.
B17	PRINCE WILLIAM HOSPI	8700 SUDLEY RD	PA MANIFEST	Higher	1 ft.
C18	STRATTON DOUGLAS B R	8425 IMPALLA DR	VA LTANKS	Higher	49, 0.009, ENE
E19	SUDLEY VALERO	8536 SUDLEY RD	VA UST, VA Financial Assurance	Lower	54, 0.010, WSW
E20	VALVOLINE	8538 SUDLEY DR.	RCRA-VSQG, FINDS, ECHO	Lower	64, 0.012, WSW
F21	MANASSAS OFFICE CENT	8807 SUDLEY RD	VA LTANKS	Higher	148, 0.028, ESE
F22	MANASSAS OFFICE CENT	8807 SUDLEY ROAD	VA LUST	Higher	148, 0.028, ESE
G23	SERVICE STATION SUNO	8521 SUDLEY RD	RCRA NonGen / NLR, FINDS, ECHO	Lower	184, 0.035, WNW
G24	JACKMANS SUNOCO SERV	8521 SUDLEY RD	EDR Hist Auto	Lower	184, 0.035, WNW
H25	BURGESS CAROLYN PROP	8522 THOMAS DR	VA LTANKS	Higher	189, 0.036, East
26	BRYNE TERENCE AND PA	8422 IMPALLA DR	VA LTANKS	Lower	206, 0.039, NNE
F27	CHIROPRACTIC HEALTH	9389 FORESTWOOD LANE	RCRA NonGen / NLR, FINDS, ECHO	Higher	253, 0.048, ESE
28	WIEDMEIER ROBERT J A	8893 GRANT AVE	VA LTANKS	Higher	353, 0.067, ESE
H29	DAFFAN LAND LIMITED	8521 THOMAS DR	VA LTANKS	Higher	387, 0.073, East
I30	IBM CORP	8417 SUNSET DRIVE	PA MANIFEST	Higher	429, 0.081, ENE
I31	PW-07 GROUNDWATER TR	8417 SUNSET DRIVE	RCRA-VSQG	Higher	429, 0.081, ENE
32	LAWS H LAYTON JR RES	8415 IMPALLA DR	VA LTANKS	Higher	630, 0.119, NE
J33	DELCANO CAMILLO P AN	8509 BARRETT DR	VA UST	Lower	682, 0.129, NW
J34	DEL CANO CAMILO P AN	8509 BARRETT DR	VA LTANKS	Lower	682, 0.129, NW
35	MORAN JOSE AND MARIA	8502 ROLLING RD	VA LTANKS	Higher	752, 0.142, ENE
36	DAUBERT WILLIAM B AN	8900 WEIR ST	VA LTANKS	Higher	758, 0.144, ESE
37	SMITH TED PROPERTY	8885 GRANT AVE	VA LTANKS	Higher	804, 0.152, ESE
38	CITY OF MANASSAS - P	9100 DIGGES ROAD	VA AST, VA AIRS	Higher	819, 0.155, SE
39	WALKER HAMILTON C RE	8906 WEIR ST	VA LTANKS	Higher	860, 0.163, ESE

MAPPED SITES SUMMARY

Target Property Address: 8551 SUDLEY ROAD MANASSAS, VA 20110

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
40	BRENNER AND MCGAUHEY	8406 SUNSET DR	VA LTANKS	Higher	861, 0.163, NE
K41	AGNEW, CHARLES RESID	8408 IMPALA DRIVE	VA LUST	Lower	999, 0.189, NNE
K42	AGNEW CHARLES RESIDE	8408 IMPALLA DR	VA LTANKS	Lower	999, 0.189, NNE
L43	GOODYEAR AUTO SERVIC	8435 SUDLEY RD	RCRA NonGen / NLR, FINDS, ECHO	Higher	1316, 0.249, WNW
44	CHILDRESS JUNE RESID	8400 IMPALLA DR	VA LTANKS	Lower	1346, 0.255, NNE
L45	AMOCO #824	8400 SUDLEY ROAD	VA LUST	Higher	1396, 0.264, WNW
L46	AMOCO 824	8400 SUDLEY RD	VA LTANKS	Higher	1396, 0.264, WNW
M47	MANAPORT AUTOMOTIVE	8375 SUDLEY RD	VA LTANKS	Higher	1703, 0.323, NW
M48	MANAPORT AUTOMOTIVE	8375 SUDLEY ROAD	VA LUST	Higher	1703, 0.323, NW
49	HIBBS FRANCES G RESI	9649 PARK ST	VA LTANKS	Higher	1728, 0.327, SE
M50	EXXON #2-5586	8317 SUDLEY ROAD	VA LUST	Higher	1906, 0.361, NW
51	SUMNER LAKE	8405 PLANTATION LN	VA LTANKS	Higher	1933, 0.366, ENE
N52	HESS 46215	8250 SUDLEY RD	VA LTANKS, VA UST, VA Financial Assurance	Higher	2294, 0.434, WNW
N53	HESS #46215	8360 SUDLEY ROAD	VA LUST, VA SPILLS	Higher	2294, 0.434, WNW
O54	HAYDEN ELEMENTARY SC	9075 PARK AVENUE	VA LUST	Higher	2567, 0.486, SSE
O55	HAYDEN ELEMENTARY SC	9075 PARK AVE	VA LTANKS	Higher	2567, 0.486, SSE
56	DEMUTH GORDON RESIDE	9102 TRUSLER CT	VA LTANKS	Higher	2569, 0.487, SSE

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 National Priority List Sites
NPL LIENS	Federal Superfund Liens
Federal Delisted NPL site li	st
Delisted NPL	National Priority List Deletions
Federal CERCLIS list	
FEDERAL FACILITY	Federal Facility Site Information listing
	Superfund Enterprise Management System
Federal CERCLIS NFRAP si	ite list
SEMS-ARCHIVE	Superfund Enterprise Management System Archive
Federal RCRA CORRACTS	facilities list
CORRACTS	Corrective Action Report
	- Consolino Malion Mapon
Federal RCRA non-CORRA	CTS TSD facilities list
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
1.010.1001	Trong and Diopoda
Federal RCRA generators li	ist
· ·	RCRA - Large Quantity Generators
	RCRA - Large Quantity Generators
	Trong Calana, Constant
Federal institutional control	ls / engineering controls registries
	Land Use Control Information System
US ENG CONTROLS	Engineering Controls Sites List
	Sites with Institutional Controls

Federal ERNS list	
FRNS	Emergency Response Notification System
	Emergency response recuired of System
State- and tribal - equivalent	CERCLIS
VA 5HVV5	This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
State and tribal leaking store	age tank lists
_	Leaking Underground Storage Tanks on Indian Land
INDIAN LOST	Leaking Onderground Storage Tanks on Indian Land
State and tribal registered s	torage tank lists
_	-
	Underground Storage Tank Listing Underground Storage Tanks on Indian Land
	Torratory out a debrago Farme of maian Eana
State and tribal institutional	control / engineering control registries
VA ENG CONTROLS	Engineering Controls Sites Listing
	Voluntary Remediation Program Database
State and tribal voluntary cl	eanup sites
VA VCP	Voluntary Remediation Program
	Voluntary Cleanup Priority Listing
State and tribal Brownfields	sites
VA BROWNFIELDS	Brownfields Site Specific Assessments
ADDITIONAL ENVIRONMENTAL	RECORDS
Local Brownfield lists	
US BROWNFIELDS	A Listing of Brownfields Sites
OO BROWN ILLBO	7. Elsting of brownincide office
Local Lists of Landfill / Solid	d Waste Disposal Sites
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
IHS OPEN DUMPS	Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

LIENS 2..... CERCLA Lien Information

Local Land Records

US HIST CDL..... Delisted National Clandestine Laboratory Register US CDL...... National Clandestine Laboratory Register

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

VA SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR_____ Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION............ 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS...... Toxic Chemical Release Inventory System

RAATS...... RCRA Administrative Action Tracking System

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

MLTS...... Material Licensing Tracking System COAL ASH DOE...... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER...... PCB Transformer Registration Database

RADINFO...... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV......Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UXO...... Unexploded Ordnance Sites
DOCKET HWC...... Hazardous Waste Compliance Docket Listing

FUELS PROGRAM...... EPA Fuels Program Registered Listing
VA NPDES..... Comprehensive Environmental Data System

VA COAL ASH..... Coal Ash Disposal Sites

VA DRYCLEANERS..... Drycleaner List

VA ENF..... Enforcement Actions Data VA TIER 2..... Tier 2 Information Listing

VA UIC...... Underground Injection Control Wells

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

VA RGA LF...... Recovered Government Archive Solid Waste Facilities List

VA RGA LUST...... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-VSQG: 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 4 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MILLER TOYOTA VOLVO EPA ID:: VAD988205068	8566 SUDLEY RD	0 - 1/8 (0.000 mi.)	A7	16
PRINCE WILLIAM MEDIC EPA ID:: VAD988166427	8700 SUDLEY RD	0 - 1/8 (0.000 mi.)	B9	34
PW-07 GROUNDWATER TR EPA ID:: VAR000518316	8417 SUNSET DRIVE	ENE 0 - 1/8 (0.081 mi.)	l31	130
Lower Elevation	Address	Direction / Distance	Map ID	Page
VALVOLINE EPA ID:: VAR000501023	8538 SUDLEY DR.	WSW 0 - 1/8 (0.012 mi.)	E20	119

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 06/04/2019 has revealed that there is 1

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PRINCE WILLIAM HOSPI Permit Number: PBR171 Permit Number: PBR295 pmt_stat: Revoked	8700 SUDLEY RD	0 - 1/8 (0.000 mi.)	B14	79

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, has revealed that there are 10 VA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOWDER, BOB RESIDENC Database: LUST REG NO, Date of Facility Status: Closed Pollution Complaint #: 00-3226 Closed Date: 9/18/2000 Facility ID: 3900592	8428 IMPALA DRIVE	0 - 1/8 (0.000 mi.)	C6	15 15
H.G.SMITHY Database: LUST REG NO, Date of Facility Status: Closed Pollution Complaint #: 94-4322 Closed Date: 2/21/1995 Facility ID: 3900615	8803 SUDLEY ROAD Government Version: 05/18/2004	0 - 1/8 (0.000 mi.)	D12	78
U.S. POST OFFICE Database: LUST REG NO, Date of Facility Status: Closed Pollution Complaint #: 94-0270 Closed Date: 12/20/1994 Facility ID: 3002142	8801 SUDLEY ROAD Government Version: 05/18/2004	0 - 1/8 (0.000 mi.)	D16	110
MANASSAS OFFICE CENT Database: LUST REG NO, Date of Facility Status: Open Pollution Complaint #: 01-3056 Facility ID: 0	8807 SUDLEY ROAD Government Version: 05/18/2004	ESE 0 - 1/8 (0.028 mi.)	F22	122
AMOCO #824 Database: LUST REG NO, Date of Facility Status: Closed Pollution Complaint #: 95-4099 Closed Date: 2/3/1995 Facility ID: 3003701	8400 SUDLEY ROAD Government Version: 05/18/2004	WNW 1/4 - 1/2 (0.264 mi.)	L45	150
MANAPORT AUTOMOTIVE Database: LUST REG NO, Date of Facility Status: Open Pollution Complaint #: 94-1241 Facility ID: 3000187	8375 SUDLEY ROAD Government Version: 05/18/2004	NW 1/4 - 1/2 (0.323 mi.)	M48	151
EXXON #2-5586 Database: LUST REG NO, Date of	8317 SUDLEY ROAD Government Version: 05/18/2004	NW 1/4 - 1/2 (0.361 mi.)	M50	152

Facility Status: Closed Pollution Complaint #: 93-2288 Closed Date: 8/8/1994 Facility ID: 3010054

HESS #46215 8360 SUDLEY ROAD WNW 1/4 - 1/2 (0.434 mi.) N53 162

Database: LUST REG NO, Date of Government Version: 05/18/2004

Facility Status: Closed Facility Status: Open

Pollution Complaint #: 79-0152 Pollution Complaint #: 90-1385 Pollution Complaint #: 94-2965 Pollution Complaint #: 96-3073 Pollution Complaint #: 99-3396

*Additional key fields are available in the Map Findings section

Closed Date: 8/5/1994 Closed Date: 8/22/1994 Closed Date: 10/28/1994 Closed Date: 9/9/1996 Closed Date: 5/4/2000 Facility ID: 3002264

HAYDEN ELEMENTARY SC 9075 PARK AVENUE SSE 1/4 - 1/2 (0.486 mi.) **O54** 166

Database: LUST REG NO, Date of Government Version: 05/18/2004

Facility Status: Closed Pollution Complaint #: 99-3156 Closed Date: 4/2/1999 Facility ID: 3024336

Address Lower Elevation Direction / Distance Map ID Page AGNEW, CHARLES RESID 8408 IMPALA DRIVE NNE 1/8 - 1/4 (0.189 mi.) K41

Database: LUST REG NO, Date of Government Version: 05/18/2004

Facility Status: Open

Pollution Complaint #: 98-3570

Facility ID: 3900591

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 05/02/2019 has revealed that there are 27 VA LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MILLER TOYOTA-VOLVO Facility Status: Closed CEDS Facility Id: 200000076418 Pollution Complaint #: 20153102	8566 SUDLEY RD	0 - 1/8 (0.000 mi.)	A2	14
SOWDER BOB RESIDENCE Facility Status: Closed CEDS Facility Id: 200000185794 Pollution Complaint #: 20003226	8428 IMPALA DR	0 - 1/8 (0.000 mi.)	C5	15
U S POST OFFICE - MA	8801 SUDLEY RD	0 - 1/8 (0.000 mi.)	D10	74

146

Facility Status: Closed CEDS Facility Id: 200000096688 Pollution Complaint #: 19940270				
H G SMITHY Facility Status: Closed CEDS Facility Id: 200000185817 Pollution Complaint #: 19944322	8803 SUDLEY RD	0 - 1/8 (0.000 mi.)	D13	79
PRINCE WILLIAM HOSPI Facility Status: Closed CEDS Facility Id: 200000075493 Pollution Complaint #: 19910350	8700 SUDLEY RD	0 - 1/8 (0.000 mi.)	B14	79
STRATTON DOUGLAS B R Facility Status: Closed CEDS Facility Id: 200000857144 Pollution Complaint #: 20123163	8425 IMPALLA DR	ENE 0 - 1/8 (0.009 mi.)	C18	115
MANASSAS OFFICE CENT Facility Status: Closed CEDS Facility Id: 200000196788 Pollution Complaint #: 20013056 Pollution Complaint #: 20183247	8807 SUDLEY RD	ESE 0 - 1/8 (0.028 mi.)	F21	121
BURGESS CAROLYN PROP Facility Status: Closed CEDS Facility Id: 200000212556 Pollution Complaint #: 20043054	8522 THOMAS DR	E 0 - 1/8 (0.036 mi.)	H25	124
WIEDMEIER ROBERT J A Facility Status: Closed CEDS Facility Id: 200000885158 Pollution Complaint #: 20173436	8893 GRANT AVE	ESE 0 - 1/8 (0.067 mi.)	28	128
DAFFAN LAND LIMITED Facility Status: Closed CEDS Facility Id: 200000222839 Pollution Complaint #: 20063135	8521 THOMAS DR	E 0 - 1/8 (0.073 mi.)	H29	129
LAWS H LAYTON JR RES Facility Status: Closed CEDS Facility Id: 200000205083 Pollution Complaint #: 20023113	8415 IMPALLA DR	NE 0 - 1/8 (0.119 mi.)	32	132
MORAN JOSE AND MARIA Facility Status: Closed CEDS Facility Id: 200000219181 Pollution Complaint #: 20053189	8502 ROLLING RD	ENE 1/8 - 1/4 (0.142 mi.)	35	137
DAUBERT WILLIAM B AN Facility Status: Closed CEDS Facility Id: 200000873675 Pollution Complaint #: 20143114	8900 WEIR ST	ESE 1/8 - 1/4 (0.144 mi.)	36	138
SMITH TED PROPERTY Facility Status: Closed CEDS Facility Id: 200000212436 Pollution Complaint #: 20043048	8885 GRANT AVE	ESE 1/8 - 1/4 (0.152 mi.)	37	138
WALKER HAMILTON C RE Facility Status: Closed CEDS Facility Id: 200000221336	8906 WEIR ST	ESE 1/8 - 1/4 (0.163 mi.)	39	144

Pollution Complaint #: 20053291				
BRENNER AND MCGAUHEY Facility Status: Closed CEDS Facility Id: 200000851477 Pollution Complaint #: 20093209	8406 SUNSET DR	NE 1/8 - 1/4 (0.163 mi.)	40	145
AMOCO 824 Facility Status: Closed CEDS Facility Id: 200000193834 Pollution Complaint #: 19954099	8400 SUDLEY RD	WNW 1/4 - 1/2 (0.264 mi.)	L46	150
MANAPORT AUTOMOTIVE Facility Status: Closed CEDS Facility Id: 200000088053 Pollution Complaint #: 19941241	8375 SUDLEY RD	NW 1/4 - 1/2 (0.323 mi.)	M47	151
HIBBS FRANCES G RESI Facility Status: Closed CEDS Facility Id: 200000888258 Pollution Complaint #: 20193099	9649 PARK ST	SE 1/4 - 1/2 (0.327 mi.)	49	152
SUMNER LAKE Facility Status: Closed CEDS Facility Id: 200000198088 Pollution Complaint #: 20013105	8405 PLANTATION LN	ENE 1/4 - 1/2 (0.366 mi.)	51	153
HESS 46215 Facility Status: Closed CEDS Facility Id: 200000077602 Pollution Complaint #: 20043036	8250 SUDLEY RD	WNW 1/4 - 1/2 (0.434 mi.)	N52	153
Pollution Complaint #: 19993147 Pollution Complaint #: 19963073 Pollution Complaint #: 19942965 Pollution Complaint #: 19901385 *Additional key fields are available in th	e Map Findings section			
Pollution Complaint #: 19963073 Pollution Complaint #: 19942965 Pollution Complaint #: 19901385	e Map Findings section 9075 PARK AVE	SSE 1/4 - 1/2 (0.486 mi.)	O55	166
Pollution Complaint #: 19963073 Pollution Complaint #: 19942965 Pollution Complaint #: 19901385 *Additional key fields are available in the HAYDEN ELEMENTARY SC Facility Status: Closed CEDS Facility Id: 200000075301	,	SSE 1/4 - 1/2 (0.486 mi.) SSE 1/4 - 1/2 (0.487 mi.)	O55 56	166 167
Pollution Complaint #: 19963073 Pollution Complaint #: 19942965 Pollution Complaint #: 19901385 *Additional key fields are available in the HAYDEN ELEMENTARY SC Facility Status: Closed CEDS Facility Id: 200000075301 Pollution Complaint #: 19993156 DEMUTH GORDON RESIDE Facility Status: Closed CEDS Facility Id: 200000213867	9075 PARK AVE			
Pollution Complaint #: 19963073 Pollution Complaint #: 19942965 Pollution Complaint #: 19901385 *Additional key fields are available in the HAYDEN ELEMENTARY SC Facility Status: Closed CEDS Facility Id: 200000075301 Pollution Complaint #: 19993156 DEMUTH GORDON RESIDE Facility Status: Closed CEDS Facility Id: 200000213867 Pollution Complaint #: 20043180	9075 PARK AVE 9102 TRUSLER CT	SSE 1/4 - 1/2 (0.487 mi.)	56	167
Pollution Complaint #: 19963073 Pollution Complaint #: 19942965 Pollution Complaint #: 19901385 *Additional key fields are available in the HAYDEN ELEMENTARY SC Facility Status: Closed CEDS Facility Id: 200000075301 Pollution Complaint #: 19993156 DEMUTH GORDON RESIDE Facility Status: Closed CEDS Facility Id: 200000213867 Pollution Complaint #: 20043180 Lower Elevation BRYNE TERENCE AND PA Facility Status: Closed CEDS Facility Id: 200000210954	9075 PARK AVE 9102 TRUSLER CT Address	SSE 1/4 - 1/2 (0.487 mi.) Direction / Distance	56 <u>Map ID</u>	167

CEDS Facility Id: 200000185793 Pollution Complaint #: 19983570

CHILDRESS JUNE RESID Facility Status: Closed

CEDS Facility Id: 200000221521 Pollution Complaint #: 20053306 8400 IMPALLA DR

NNE 1/4 - 1/2 (0.255 mi.) 44

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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 05/15/2019 has revealed that there are 5 VA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MILLER TOYOTA-VOLVO Tank Status: REM FROM GRD Facility Id: 3007664 CEDS Facility ID: 200000076418	8566 SUDLEY RD	0 - 1/8 (0.000 mi.)	A1	8
USPS - MANASSAS MAIN Tank Status: CLS IN GRD Tank Status: REM FROM GRD Facility Id: 3002142 CEDS Facility ID: 200000096688	8801 SUDLEY RD	0 - 1/8 (0.000 mi.)	D11	74
PRINCE WILLIAM HOSPI Tank Status: PERM OUT OF USE Tank Status: REM FROM GRD Facility Id: 3021117 CEDS Facility ID: 200000075493	8700 SUDLEY RD	0 - 1/8 (0.000 mi.)	B14	79
Lower Elevation	Address	Direction / Distance	Map ID	Page
SUDLEY VALERO Tank Status: CURR IN USE Facility Id: 3025500 CEDS Facility ID: 200000194046	8536 SUDLEY RD	WSW 0 - 1/8 (0.010 mi.)	E19	116
DELCANO CAMILLO P AN Tank Status: REM FROM GRD Facility Id: 3038928 CEDS Facility ID: 200000206771	8509 BARRETT DR	NW 1/8 - 1/4 (0.129 mi.)	J33	133

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 05/15/2019 has revealed that there are 2 VA AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Address Direction / Distance 8566 SUDLEY RD 0 - 1/8 (0.000 mi.)		Page 8	
MILLER TOYOTA-VOLVO Facility ID: 3007664 CEDS Facility ID: 200000076418	8566 SUDLEY RD				
CITY OF MANASSAS - P Facility ID: 3043708 CEDS Facility ID: 200000886222	9100 DIGGES ROAD	SE 1/8 - 1/4 (0.155 mi.)	38	139	

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: 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 / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page 126	
CHIROPRACTIC HEALTH EPA ID:: VAD110472917	9389 FORESTWOOD LANE	ESE 0 - 1/8 (0.048 mi.)	F27		
GOODYEAR AUTO SERVIC EPA ID:: VAD981743925	8435 SUDLEY RD	WNW 1/8 - 1/4 (0.249 mi.)	L43	147	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
SERVICE STATION SUNO EPA ID:: VAD000754085	8521 SUDLEY RD	WNW 0 - 1/8 (0.035 mi.)	G23	122	

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there are 2 PA MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
PRINCE WILLIAM HOSPI Generator EPA Id: VAD988166427	8700 SUDLEY RD	0 - 1/8 (0.000 mi.)	B17	110	
IBM CORP Generator EPA Id: VAR000518316	8417 SUNSET DRIVE	ENE 0 - 1/8 (0.081 mi.)	130	129	

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

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PRINCE WILLIAM MEDIC	8700 SUDLEY RD	0 - 1/8 (0.000 mi.)	B9	34
EPA ID: VAD988166427				

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 2 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
MILLER TOYOTA VOLVO EPA Id: VAD988205068	8566 SUDLEY RD	0 - 1/8 (0.000 mi.)	A7	16	
PRINCE WILLIAM HOSPI EPA Id: VAD988166427	8700 SUDLEY RD	0 - 1/8 (0.000 mi.)	B15	107	

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
OSORNE SHELL & MILLE GULF COAST LAND & DE	8667 SUDLEY RD STE 3 8565 SUDLEY RD STE D	0 - 1/8 (0.000 mi.) 0 - 1/8 (0.000 mi.)	4 A8	15 34	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
JACKMANS SUNOCO SERV	8521 SUDLEY RD	WNW 0 - 1/8 (0.035 mi.)	G24	124	

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

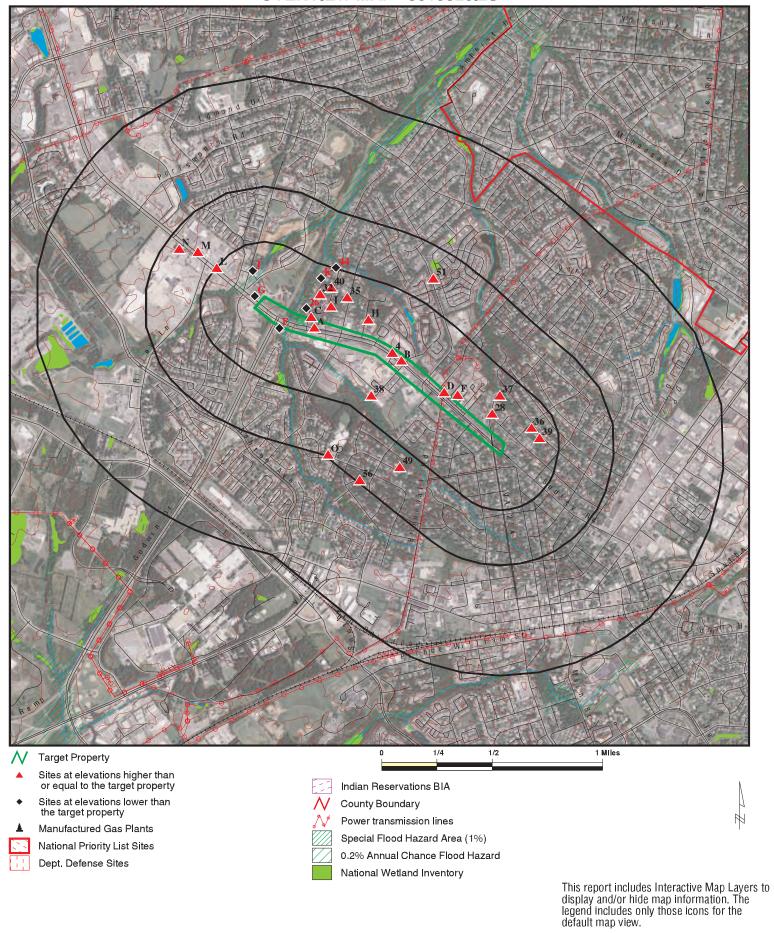
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CRYSTAL CLEANERS	8691 SUDLEY RD	0 - 1/8 (0.000 mi.)	В3	14

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

Site Name Database(s)

COLONIAL PIPELINE - BULL RUN COLONIAL PIPELINE SPILL BULL RUN SWIFT INCORPORATED FLAT BRANCH FROM STORM SEWER VA LUST VA LTANKS VA LTANKS, VA AIRS VA LTANKS

OVERVIEW MAP - 5815328.2S

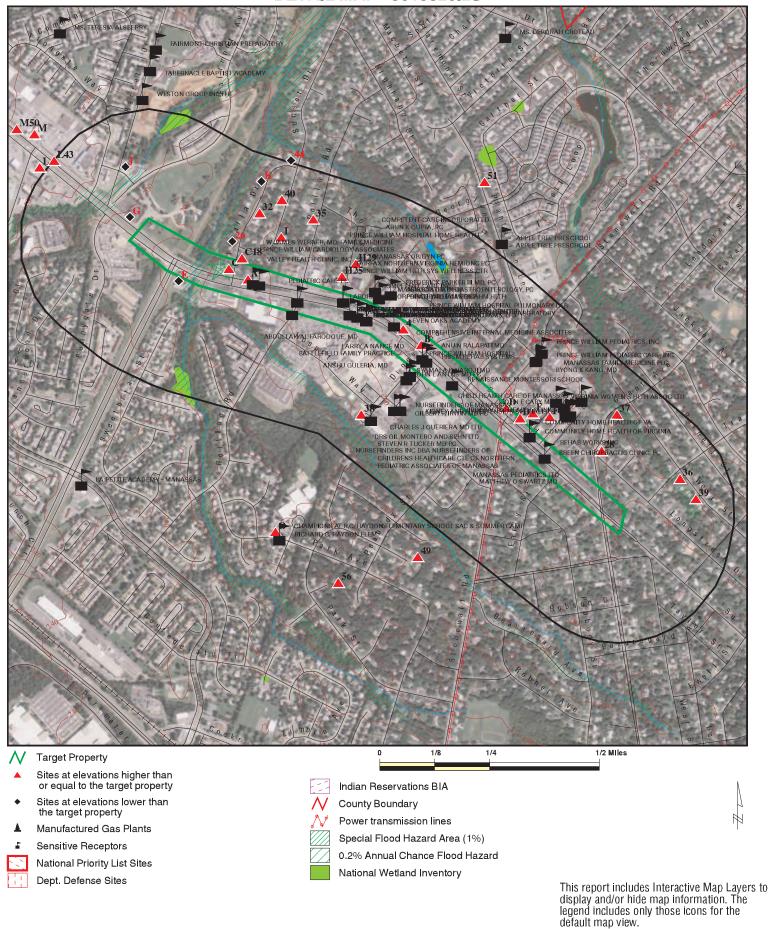


CLIENT: CONTACT: Kimley-Horn & Associates, Inc. Jessica Doherty

Sudley Road Third Lane 8551 Sudley Road Manassas VA 20110 INQUIRY#: 5815328.2s LAT/LONG: 38.770339 / 77.493489 DATE: October 03, 2019 7:23 pm

SITE NAME: ADDRESS:

DETAIL MAP - 5815328.2S



SITE NAME: Sudley Road Third Lane

ADDRESS: 8551 Sudley Road

Manassas VA 20110

CLIENT: Kimley-Horn & Associates, Inc.
CONTACT: Jessica Doherty
INQUIRY#: 5815328.2s

LAT/LONG: 38.770339 / 77.493489 DATE: October 03, 2019 7:26 pm

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted				
STANDARD ENVIRONMENTAL RECORDS												
Federal NPL site list												
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0				
Federal Delisted NPL sit	te list											
Delisted NPL	1.000		0	0	0	0	NR	0				
Federal CERCLIS list												
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0				
Federal CERCLIS NFRA	P site list											
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0				
Federal RCRA CORRAC	TS facilities li	st										
CORRACTS	1.000		0	0	0	0	NR	0				
Federal RCRA non-COR	RACTS TSD f	acilities list										
RCRA-TSDF	0.500		0	0	0	NR	NR	0				
Federal RCRA generator	rs list											
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 4	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 4				
Federal institutional cor engineering controls re												
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0				
Federal ERNS list												
ERNS	TP		NR	NR	NR	NR	NR	0				
State- and tribal - equiva	alent CERCLIS	3										
VA SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A				
State and tribal landfill a solid waste disposal site												
VA SWF/LF	0.500		1	0	0	NR	NR	1				
State and tribal leaking	storage tank l	ists										
VA LUST INDIAN LUST VA LTANKS	0.500 0.500 0.500		4 0 12	1 0 7	5 0 8	NR NR NR	NR NR NR	10 0 27				
State and tribal registere	ed storage tar	ık lists										
FEMA UST	0.250		0	0	NR	NR	NR	0				

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
VA UST VA AST INDIAN UST	0.250 0.250 0.250		4 1 0	1 1 0	NR NR NR	NR NR NR	NR NR NR	5 2 0
State and tribal institution control / engineering con		:						
VA ENG CONTROLS VA INST CONTROL	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal voluntary	cleanup sites	s						
VA VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
VA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS							
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste /							
US HIST CDL US CDL	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency R	elease Report	ts						
HMIRS VA SPILLS VA SPILLS 90	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Other Ascertainable Reco	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA	0.250 1.000 1.000 0.500 TP TP 0.250		2 0 0 0 NR NR 0 NR	1 0 0 0 NR NR NR 0	NR 0 0 0 NR NR NR NR	NR 0 0 NR NR NR NR	NR NR NR NR NR NR NR	3 0 0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP PADS	TP TP		NR	NR	NR NR	NR	NR	0
ICIS	TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	Ö
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	Ö
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS US MINES	TP 0.250		NR 0	NR 0	NR NR	NR NR	NR NR	0 0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NŘ	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	Ö
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
VA AIRS	TP		NR	NR	NR	NR	NR	0
VA NPDES	TP		NR	NR	NR	NR	NR	0
VA COAL ASH	0.500		0	0	0	NR	NR	0
VA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
VA ENF	TP		NR	NR	NR	NR	NR	0
VA Financial Assurance	TP		NR	NR	NR	NR	NR	0
PA MANIFEST NY MANIFEST	0.250		2	0	NR NR	NR	NR	2
NJ MANIFEST	0.250 0.250		1 2	0 0	NR NR	NR NR	NR NR	1 2
VA TIER 2	TP		NR	NR	NR	NR	NR	0
VA UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICA								Ü
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERN	IMENT ARCHI	<u>VES</u>						
Exclusive Recovered Go	vt. Archives							
VA RGA LF	TP		NR	NR	NR	NR	NR	0
								•

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
VA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals		0	37	11	13	0	0	61

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.

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

A1 MILLER TOYOTA-VOLVO VA UST U003679453 8566 SUDLEY RD VA AST N/A

MILLER TOYOTA-VOLVO

8566 SUDLEY RD

< 1/8 MANASSAS, VA 20110 1 ft.

Site 1 of 4 in cluster A

Relative: Facility: Higher Name:

Actual: Address: City,State,Zip:

 City, State, Zip:
 MANASSAS, VA 20110

 Facility Id:
 3007664

 Facility Type:
 AUTO DEALER

 CEDS Facility ID:
 200000076418

Owner:

Owner Id: 27841

Owner Name: Miller Toyota-Volvo
Owner Address: 8566 Sudley Rd
Owner Address2: Not reported
Owner City, State, Zip: Manssas, VA 22110
Owner Type: COMMERCIAL

Number of Active AST: 1
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 2

Owner Id: 36285

Owner Name: MIFCO - Manassas Ice & Fuel Company Inc

Owner Address: 9009 Center St
Owner Address2: Not reported
Owner City, State, Zip: Manassas, VA 2

Owner City, State, Zip: Manassas, VA 20110
Owner Type: COMMERCIAL

Number of Active AST: 1
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 2

UST:

Facility ID: 3007664 Federally Regulated: Yes

Tank Number: R1
Tank Capacity: 1000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD

Tank Type: UST

Tank Material:

Install Date: 4/25/1976 Tank Materials: Bare Steel No

Tank Materials: Cath Protect Steel No Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite No Tank Materials: Double Walled No Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired No **EDR ID Number**

VA SPILLS

Map ID MAP FINDINGS

Direction
Distance
Elevation

nce EDR ID Number tition Site Database(s) EPA ID Number

MILLER TOYOTA-VOLVO (Continued)

U003679453

l ank Materials: Unknown	Yes
Tank Materials: Other	No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge No Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon Nο Tank Release Detection: Spill Install No Tank Release Detection: Overfill Install No Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Not reported
Not reported

Pipe Release Detection: Line Tightness
No
Pipe Release Detection: Stat Invent Recon
Pipe Release Detection: Groundwater
No
Pipe Release Detection: Int Sec Containment
No
Pipe Release Det: Interior Double Walled
No
Pipe Release Detection: Other Method
No

Pipe Release Detection: Other Note Not reported

Pipe Type: UNKNOWN

Pipe Materials: Bare Steel No Pipe Materials: Galvanized Steel Yes Pipe Materials: Copper No Pipe Materials: Fiberglass No Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Not reported

Facility ID: 3007664
Federally Regulated: Yes

 Tank Number:
 R2

 Tank Capacity:
 400

 Tank Contents:
 USED OIL

 Tank Status:
 REM FROM GRD

Tank Type: UST

Tank Material:

Install Date: 4/25/1976
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No

Map ID MAP FINDINGS

Direction
Distance
Elevation

ce EDR ID Number on Site Database(s) EPA ID Number

MILLER TOYOTA-VOLVO (Continued)

U003679453

Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	Yes
Tank Materials: Other	No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge No Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install Nο Tank Release Detection: Overfill Install No Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Not reported
Not reported
Not reported

Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: UNKNOWN

Pipe Materials: Bare Steel No Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass Yes Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Not reported

AST:

 Facility ID:
 3007664

 Facility Type:
 AUTO DEALER

 CEDS Facility ID:
 200000076418

Direction Distance Elevation

on Site Database(s) EPA ID Number

MILLER TOYOTA-VOLVO (Continued)

U003679453

EDR ID Number

Tank Info:

Owner:

Owner Id: 27841

Owner Name: Miller Toyota-Volvo
Owner Address: 8566 Sudley Rd
Owner Address2: Not reported
Owner City/State/Zip: Manssas, VA 22110
Owner Type: COMMERCIAL

Number of Active AST: 1
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 2

Owner Id: 36285

Owner Name: MIFCO - Manassas Ice & Fuel Company Inc

Owner Address: 9009 Center St Owner Address2: Not reported

Owner City/State/Zip: Manassas, VA 20110
Owner Type: COMMERCIAL

Number of Active AST: 1
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 2

Fed Regulated: No
Tank Number: 1
Tank Type: AST
Tank Capacity: 1000
Tank Contents: GASOLINE
Tank Status: CURR IN USE

Tank Containment:

11/1/1990 Install Date: Containment: Curbing No Containment: Weirs No Containment: Sorbent No Containment: Culvert No Containment: Diversion No Containment: Retention No Containment: Dike Yes Containment: Unknown No Containment: Other No

Containment: Other Note Not reported

Release Detection:

Release Detection: Ground Water
Release Detection: Visual
Release Detection: Vapor
Release Detection: Interstitial
Release Detection: None
Release Detection: Other
No

Release Prevention: Double Bottom No Release Prevention: Double Walled No

Release Prevention: Lined Interior Not reported

Release Prevention: Poly Jacket No

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

MILLER TOYOTA-VOLVO (Continued)

U003679453

Release Prevention: Exc Liner
Release Prevention: None
Release Prevention: Unknown
Release Prevention: Other
Yes
Release Prevention: Other Note
Dike

Tank Foundation: Steel No
Tank Foundation: Earthen Yes
Tank Foundation: Concrete Imp
Tank Foundation: Unknown No
Tank Foundation: Other No

Tank Foundation: Other Note Not reported

Tank Roof: Float No Tank Roof: Cone No

Tank Roof: Breather Not reported Tank Roof: Dbldeck Not reported Tank Roof: Pontoon Not reported Tank Roof: Balloon Not reported Tank Roof: Lifter Not reported Tank Roof: Pan Not reported

Tank Roof: Other Yes

Tank Roof: Other Note Horizontal Cylinder

Tank Material:

Tank Materials: Bare Steel Yes
Tank Materials: Concrete No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Unknown No
Tank Materials: Other No

Tank Materials: Other Note Not reported

Tank Type Cathodic/CP: Ν Tank Type Single Wall: Ν Tank Type Double Wall: Ν Tank Type Lined Interior: Ν Tank Type Double Bottom: Ν Tank Type Potable/Skid: Ν Tank Type Shop Fabricated/Built: Ν Tank Type Vaulted Below Grade: Ν Tank Type Vertical: Ν Tank Type Horizontal: Ν Tank Type Unknown: Ν Tank Type Other: Ν Tank Type Other Specify: Ν

SPILLS:

Name: Not reported
Address: 8566 SUDLEY RD
City,State,Zip: MANASSAS, VA
Fips City/County: Prince William County

Status: Not reported Reference Id: Not reported IR Number: 2006-N-0704 Associated IR: Not reported Incident Date: 03/09/2006

Distance

Elevation Site Database(s) EPA ID Number

MILLER TOYOTA-VOLVO (Continued)

U003679453

EDR ID Number

Call Received Date: 03/09/2006

Closure Comments: See Site Summary for details

Threat To: Not reported

Terrorism (Y/N):

Characterize Incident:

Incident Type:

Incident Subtype:

NO

Not reported

Petroleum

Petroleum

Materials: Oil (Unknown)(-1 - -1 Unknown)

Not reported Effect To Receptor: Water Body: Not reported Low Quantity To Water: Not reported High Quantity To Water: Not reported Quantity Units: Not reported Other Receptors: Pavement RP Company: Not reported RP Name: Not reported Not reported Property Owner: Property Company: Not reported Duration Of Event (Hrs): Not reported Impacts: Not reported Other Impacts: Not reported Steps Taken: Not reported Steps Taken Description: Not reported System Components: Not reported Other System Components: Not reported Cause Of Event: Not reported Corrective Action Taken: Not reported Weather Status: Not reported Precipitation (Wet): Not reported

Discharge Volume: Not reported Unknown Discharge (Y/N): NO

Discharge Type:

Site Name: MILLER TOYOTA
Closure Date: 08/10/2006

Orig. Call Incident Description: Used oil & transmission fluid on ground by dumpster

Not reported

Original Call Material Description: Used Oil

Original Call Location Description: Miller Toyota-8566 Sudley Rd-Manassas-VA--Prince William County

Incident Ongoing at time of Call: Not reported

Agencies Notified (Y/N): NO

Other Agencies: Not reported

Permitted (Y/N): NO

Call Reported By Company Name:
Call Property Owner Company Name:
Danny Cook
Not reported
Not reported

Site Summary: Warning letter was sent by Waste Div 7/25/06 and response rec'd from

Miller Toyota 8/7/06. The violations appear to have been resolved with the correct house-keeping procedures; no further action is required at

this time. (See file for details of house-keeping procedures.)

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

A2 MILLER TOYOTA-VOLVO VA LTANKS S117622705 8566 SUDLEY RD N/A

< 1/8 MANASSAS, VA 20110 1 ft.

Site 2 of 4 in cluster A

Relative: LTANKS: Higher MILLER TOYOTA-VOLVO Name: Address: 8566 SUDLEY RD Actual:

City,State,Zip: MANASSAS, VA 20110-3837 213 ft.

Region: NRO CEDS Facility Id: 200000076418

Case Status: Closed 20153102 Pollution Complaint #: Reported: 11/20/2014 Case Closed Date: 12/03/2014 Program: RP Lead Ν

Federally Regulated UST (Y/N): Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: N Unknown Y/N: Ν

Other Description: Not reported

Heating Oil Category: NFA

B3 CRYSTAL CLEANERS EDR Hist Cleaner 1019966231 8691 SUDLEY RD N/A

Type:

Drycleaning Plants, Except Rugs

MANASSAS, VA 20110 < 1/8

1 ft.

Site 1 of 5 in cluster B

Name:

CRYSTAL CLEANERS

Year:

2008

Relative: **EDR Hist Cleaner** Higher

Actual: 1993 WHITE STAR CLEANERS Drycleaning Plants, Except Rugs 243 ft. 1996 **TOWN CLEANERS** Drycleaning Plants, Except Rugs 1997 **TOWN CLEANERS** Drycleaning Plants, Except Rugs **TOWN CLEANERS** Drycleaning Plants, Except Rugs 1998 Drycleaning Plants, Except Rugs 1999 **TOWN CLEANERS CRYSTAL CLEANERS** Drycleaning Plants, Except Rugs 2000 Drycleaning Plants, Except Rugs 2001 **CRYSTAL CLEANERS** Drycleaning Plants, Except Rugs 2002 **CRYSTAL CLEANERS** Drycleaning Plants, Except Rugs 2003 **CRYSTAL CLEANERS** Drycleaning Plants, Except Rugs 2004 **CRYSTAL CLEANERS** 2005 **CRYSTAL CLEANERS** Drycleaning Plants, Except Rugs Drycleaning Plants, Except Rugs 2006 **CRYSTAL CLEANERS** Drycleaning Plants, Except Rugs 2007 **CRYSTAL CLEANERS**

> Drycleaning Plants, Except Rugs 2011 CRYSTAL CLEANERS Drycleaning Plants, Except Rugs 2012 **CRYSTAL CLEANERS** Drycleaning Plants, Except Rugs 2013 **CRYSTAL CLEANERS** 2014 **CRYSTAL CLEANERS** Drycleaning Plants, Except Rugs

Direction

Distance

EDR ID Number

Elevation Site

Database(s) EPA ID Number

4 OSORNE SHELL & MILLER EDR Hist Auto 1020590221 8667 SUDLEY RD STE 303 N/A

< 1/8 MANASSAS, VA 20110

1 ft.

EDR Hist Auto

Relative: Higher

er Year: Name: Type:

Actual: 2002 OSORNE SHELL & MILLER Gasoline Service Stations 235 ft. OSORNE SHELL & MILLER Gasoline Service Stations

2004OSORNE SHELL & MILLERGasoline Service Stations2005OSORNE SHELL & MILLERGasoline Service Stations2006OSORNE SHELL & MILLERGasoline Service Stations2007OSORNE SHELL & MILLERGasoline Service Stations2008OSORNE SHELL & MILLERGasoline Service Stations2008OSORNE SHELL & MILLERGasoline Service Stations

C5 SOWDER BOB RESIDENCE VA LTANKS \$104896839

8428 IMPALA DR N/A

< 1/8 MANASSAS, VA 20110

1 ft.

Site 1 of 3 in cluster C

Relative: LTANKS:
Higher Name: SOWDER BOB RESIDENCE

 Actual:
 Address:
 8428 IMPALA DR

 211 ft.
 City,State,Zip:
 MANASSAS, VA 20110

211 ft. City,State,Zip: MANA Region: NRO

Region: NRO
CEDS Facility Id: 200000185794
Case Status: Closed
Pollution Complaint #: 20003226

 Reported:
 01/07/2000

 Case Closed Date:
 09/18/2000

 Program:
 RP Lead

 Federally Regulated UST (Y/N):
 N

Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν

Other Description: Not reported Heating Oil Category: Category 1

Ν

C6 SOWDER, BOB RESIDENCE VA LUST S104407571
8428 IMPALA DRIVE N/A

< 1/8 PRINCE WILLIAM, VA 20110

1 ft.

Site 2 of 3 in cluster C

Unknown Y/N:

Relative: LUST REG NO:

 Higher
 Region:
 NO

 Actual:
 Facility ID:
 3900592

 211 ft.
 Status:
 Closed

TC5815328.2s Page 15

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

SOWDER, BOB RESIDENCE (Continued)

S104407571

ECHO NJ MANIFEST **EDR ID Number**

Tank Size: other gasoline Product: Release Date: 01/07/2000 9/18/2000 Closed Date: Case Type: Article 11

Case Officer: Thomas R. Lancaster, P.G.

Pollution Complaint #: 00-3226 Permit Number: Not reported Priority: Not reported

MILLER TOYOTA VOLVO RCRA-VSQG Α7 1000581743 **FINDS** VAD988205068

8566 SUDLEY RD

< 1/8 MANASSAS, VA 20110 1 ft.

Site 3 of 4 in cluster A

Relative: RCRA-VSQG:

Higher Date form received by agency: 07/24/2017

MILLER TOYOTA VOLVO Facility name: Actual:

Facility address: 8566 SUDLEY RD 213 ft.

MANASSAS, VA 20110

EPA ID: VAD988205068 Contact: JAMES WALKER Contact address: 8566 SUDLEY RD

MANASSAS, VA 22110

Contact country: US

Contact telephone: 703-369-3040 Contact email: Not reported

03 EPA Region:

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

JEFFERY ABEL Owner/operator name: Owner/operator address: 8566 SUDLEY RD MANASSAH, VA 22110

Owner/operator country: US

Owner/operator telephone: 703-369-3040 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MILLER TOYOTA VOLVO (Continued)

1000581743

Owner/Op start date: Not reported Not reported Owner/Op end date:

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/06/2015

Site name: MILLER TOYOTA VOLVO Classification: Small Quantity Generator

Date form received by agency: 09/13/1991

Site name: MILLER TOYOTA VOLVO Classification: **Small Quantity Generator**

Hazardous Waste Summary:

D008 Waste code: **LEAD** Waste name:

Waste code: D013

Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

Waste code: D039

TETRACHLOROETHYLENE Waste name:

Violation Status: No violations found

Evaluation Action Summary:

07/17/2017 Evaluation date:

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

FINDS:

Registry ID: 110008195363

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Direction Distance Elevation

tion Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

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.

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000581743 Registry ID: 110008195363

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008195363

NJ MANIFEST:

 EPA Id:
 VAD988205068

 Mail Address:
 8566 SUDLEY RD

 Mail City/State/Zip:
 MANASSAS 221103899

Facility Phone: 7033687111
Emergency Phone: Not reported
Contact: MARK WIN
Comments: Not reported
SIC Code: Not reported

County: 00 Municipal: 00

Previous EPA Id: Not reported

Gen Flag:

Trans Flag: Not reported TSDF Flag: Not reported Name Change: Not reported Date Change: Not reported Not reported Not reported Not reported Not reported

Manifest:

Manifest Number: 001444593SKS EPA ID: VAD988205068 Date Shipped: 11/18/2008 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported 11/18/2008 Date Trans1 Transported Waste: Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Not reported Date Trans6 Transported Waste: Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Date TSDF Received Waste: 11/24/2008 TSDF EPA Facility Name: Not reported Not reported QTY Units: Not reported Transporter SEQ ID: Transporter-1 Date: Not reported Waste SEQ ID: Not reported Not reported Waste Type Code 2: Not reported Waste Type Code 3: Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year:
Waste Code:
Hand Code:
Quantity:

Not reported
D001
H020
H020
Guantity:
30 G

001136595SKS Manifest Number: EPA ID: VAD988205068 Date Shipped: 07/30/2008 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Not reported Transporter 8 EPA ID: Transporter 9 EPA ID: Not reported Not reported Transporter 10 EPA ID: Date Trans1 Transported Waste: 07/30/2008 Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported 08/04/2008 Date TSDF Received Waste: TSDF EPA Facility Name: Not reported QTY Units: Not reported Not reported Transporter SEQ ID: Transporter-1 Date: Not reported Not reported Waste SEQ ID: Not reported Waste Type Code 2: Waste Type Code 3: Not reported Waste Type Code 4: Not reported

Not reported

Waste Type Code 5:

Direction Distance Elevation

Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year:
Waste Code:
Hand Code:
Quantity:
Not reported
D001
H020
G001
H020
G001
H020
H020

Manifest Number: 001877595SKS EPA ID: VAD988205068 Date Shipped: 06/29/2009 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Not reported Transporter 4 EPA ID: Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Not reported Transporter 10 EPA ID: Date Trans1 Transported Waste: 06/29/2009 Date Trans2 Transported Waste: Not reported Not reported Date Trans3 Transported Waste: Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 07/06/2009 TSDF EPA Facility Name: Not reported QTY Units: Not reported Not reported Transporter SEQ ID: Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Not reported Waste Type Code 3: Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Not reported Date Accepted: Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported Waste Code: D001

Direction Distance Elevation

on Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Hand Code: H020 Quantity: 15 G

Manifest Number: 000323132CEX EPA ID: VAD988205068 Date Shipped: 10/23/2009 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: 10/23/2009 Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Not reported Date Trans5 Transported Waste: Date Trans6 Transported Waste: Not reported Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported 10/28/2009 Date TSDF Received Waste: TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: Not reported Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year:
Waste Code:
Hand Code:
Quantity:
Not reported
D039
H020
H020
4 G

 Manifest Number:
 NJA5223521

 EPA ID:
 VAD988205068

 Date Shipped:
 05/09/2005

 TSDF EPA ID:
 NJD002182897

 Transporter EPA ID:
 TXR000050930

 Transporter 2 EPA ID:
 Not reported

Direction Distance Elevation

vation Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Transporter 3 EPA ID: Not reported Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Transporter 7 EPA ID: Not reported Not reported Transporter 8 EPA ID: Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported 05/09/2005 Date Trans1 Transported Waste: Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Not reported Date Trans9 Transported Waste: Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 05/11/2005 TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: 06220525

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Manifest Number: 001910734SKS VAD988205068 EPA ID: Date Shipped: 05/05/2009 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported 05/05/2009 Date Trans1 Transported Waste: Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 05/11/2009 TSDF EPA Facility Name: Not reported QTY Units: Not reported Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Waste Type Code 3: Not reported Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year:
Waste Code:
Hand Code:
Quantity:
Not reported
H001
H020
H020
Guantity:
30 G

Manifest Number: NJA5070131 VAD988205068 EPA ID: Date Shipped: 08/02/2004 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Not reported Transporter 6 EPA ID: Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Not reported Transporter 10 EPA ID: Date Trans1 Transported Waste: 08/02/2004 Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 08/06/2004 TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08300425

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Manifest Number: 001172985SKS EPA ID: VAD988205068 Date Shipped: 04/10/2008 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: 04/10/2008 Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 04/14/2008 TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Not reported Waste Type Code 3: Waste Type Code 4: Not reported Waste Type Code 5: Not reported Not reported Waste Type Code 6: Not reported Date Accepted: Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year:
Waste Code:
Hand Code:
Quantity:
Not reported
D001
H020
H020
Guantity:
30 G

Manifest Number: NJA5310931

Direction Distance Elevation

on Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

EPA ID: VAD988205068 Date Shipped: 03/16/2006 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: 03/16/2006 Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 03/21/2006 TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported

Was Load Rejected: MANASSAS 221103899

04210621

Reason Load Was Rejected: Not reported

Data Entry Number:

Manifest Number: NJA5117303 VAD988205068 EPA ID: Date Shipped: 02/10/2004 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Not reported Transporter 6 EPA ID: Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Not reported Transporter 9 EPA ID: Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: 02/10/2004 Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation Site

Database(s)

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

EPA ID Number

Date Trans4 Transported Waste: Not reported Not reported Date Trans5 Transported Waste: Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 02/17/2004 TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: 03220421

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Manifest Number: NJA5039550 EPA ID: VAD988205068 Date Shipped: 06/10/2004 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Not reported Transporter 7 EPA ID: Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported 06/10/2004 Date Trans1 Transported Waste: Not reported Date Trans2 Transported Waste: Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Not reported Date Trans6 Transported Waste: Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported 06/16/2004 Date TSDF Received Waste: TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Waste Type Code 4: Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation

n Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 06250421

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Manifest Number: 003610426FLE EPA ID: VAD988205068 Date Shipped: 4/22/2011 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Not reported Date Trans1 Transported Waste: Date Trans2 Transported Waste: Not reported Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: Not reported TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Not reported Waste Type Code 4: Waste Type Code 5: Not reported Waste Type Code 6: Not reported Not reported Date Accepted: Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year:
Waste Code:
Hand Code:
Quantity:
Not reported
H039
H020
H020
Quantity:
30.00 gallons

Manifest Number: 001317550SKS EPA ID: VAD988205068

Direction Distance Elevation

tion Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Date Shipped: 01/26/2009 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: 01/26/2009 Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Not reported Date Trans5 Transported Waste: Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 02/03/2009 TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Not reported Waste Type Code 4: Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Not reported Manifest Discrepancy Type: Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year:
Waste Code:
Hand Code:
Quantity:

Not reported
D039
H020
H020
4 G

Manifest Number: 002446806SKS EPA ID: VAD988205068 Date Shipped: 07/27/2010 NJD002182897 TSDF EPA ID: Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported

Direction Distance Elevation

Site Database(s) **EPA ID Number**

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Transporter 9 EPA ID: Not reported Not reported Transporter 10 EPA ID: Date Trans1 Transported Waste: 07/27/2010 Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 08/04/2010 TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Not reported Transporter-1 Date: Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Waste Type Code 4: Not reported Not reported Waste Type Code 5: Not reported Waste Type Code 6: Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported Waste Code: D001 Hand Code: H020 Quantity: 28 G

Manifest Number: NJA5255710 EPA ID: VAD988205068 Date Shipped: 12/15/2005 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Not reported Transporter 6 EPA ID: Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Not reported Transporter 10 EPA ID: Date Trans1 Transported Waste: 12/15/2005 Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Not reported Date Trans4 Transported Waste: Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported

Map ID MAP FINDINGS
Direction

Distance
Elevation Site

Database(s)

EDR ID Number EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

Date Trans9 Transported Waste: Not reported Not reported Date Trans10 Transported Waste: Date TSDF Received Waste: 12/22/2005 TSDF EPA Facility Name: Not reported QTY Units: Not reported Not reported Transporter SEQ ID: Transporter-1 Date: Not reported Not reported Waste SEQ ID: Waste Type Code 2: Not reported Waste Type Code 3: Not reported Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: 02170622

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Manifest Number: 000983528SKS EPA ID: VAD988205068 Date Shipped: 02/12/2008 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: 02/12/2008 Date Trans2 Transported Waste: Not reported Not reported Date Trans3 Transported Waste: Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 02/18/2008 TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation Site

Database(s)

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

EPA ID Number

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year:
Waste Code:
Hand Code:
Quantity:

Not reported
D001
H020
29 G

Manifest Number: 003024807SKS VAD988205068 EPA ID: Date Shipped: 4/18/2012 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Not reported Transporter 4 EPA ID: Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Not reported Transporter 8 EPA ID: Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Not reported Date Trans1 Transported Waste: Not reported Date Trans2 Transported Waste: Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: Not reported TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Not reported Waste Type Code 2: Waste Type Code 3: Not reported Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Waste:

Manifest Year:
Waste Code:
Hand Code:
Quantity:
Not reported
Not reported
30.00 gallons

Direction Distance Elevation

Site Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Manifest Number: 005206125SKS EPA ID: VAD988205068 Date Shipped: 3/10/2016 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000081205 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Not reported Transporter 4 EPA ID: Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: Not reported Date Trans2 Transported Waste: Not reported Not reported Date Trans3 Transported Waste: Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: Not reported Not reported TSDF EPA Facility Name: QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Waste Type Code 4: Not reported Waste Type Code 5: Not reported Not reported Waste Type Code 6: Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

000906441SKS Manifest Number: EPA ID: VAD988205068 Date Shipped: 12/18/2007 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Not reported Transporter 5 EPA ID: Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported 12/18/2007 Date Trans1 Transported Waste: Date Trans2 Transported Waste: Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation Site

ite Database(s) EPA ID Number

MILLER TOYOTA VOLVO (Continued)

1000581743

EDR ID Number

Date Trans3 Transported Waste: Not reported Not reported Date Trans4 Transported Waste: Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 12/26/2007 TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported Not reported Waste Type Code 4: Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

Was Load Rejected: MANASSAS 221103899

Reason Load Was Rejected: Not reported

Manifest Number: 002409113SKS EPA ID: VAD988205068 Date Shipped: 04/06/2010 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: Not reported Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: 04/06/2010 Date Trans2 Transported Waste: Not reported Not reported Date Trans3 Transported Waste: Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported 04/08/2010 Date TSDF Received Waste: TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Waste Type Code 2: Not reported Waste Type Code 3: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MILLER TOYOTA VOLVO (Continued)

1000581743

Waste Type Code 4: Not reported Not reported Waste Type Code 5: Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: Not reported

MANASSAS 221103899 Was Load Rejected:

Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported Waste Code: D001 Hand Code: H020 Quantity: 30 G

A8 GULF COAST LAND & DEV LLC EDR Hist Auto 1022049521 N/A

8565 SUDLEY RD STE D

MANASSAS, VA 20110 < 1/8

1 ft.

Site 4 of 4 in cluster A

Relative: **EDR Hist Auto**

Higher Actual:

Year: Name: Type:

2010 **GULF COAST LAND & DEV LLC** Gasoline Service Stations, NEC 215 ft. 2011 **GULF COAST LAND & DEV LLC** Gasoline Service Stations, NEC

B9 PRINCE WILLIAM MEDICAL CENTER RCRA-VSQG 1004610501

8700 SUDLEY RD ICIS VAD988166427 MANASSAS, VA 22110 **US AIRS**

< 1/8 **FINDS** 1 ft. Site 2 of 5 in cluster B **ECHO** NY MANIFEST

Relative:

Higher RCRA-VSQG:

Date form received by agency: 09/30/1988 Actual:

PRINCE WILLIAM HOSPITAL Facility name: 243 ft.

Facility address: 8700 SUDLEY RD

MANASSAS, VA 22110

VAD988166427 EPA ID: Contact: HARRY HEIDENREICH

Contact address: 8700 SUDLEY RD MANASSAS, VA 22110

Contact country: US

703-369-8187 Contact telephone: Contact email: Not reported

EPA Region: 03

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

> month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any

Map ID MAP FINDINGS
Direction

Distance Elevation Site

Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET

OPERCITY, AK 99999

Owner/operator country: Not reported Owner/operator telephone: 215-555-1212 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: PRINCE WILLIAM HOSP CORP

Owner/operator address: 8700 SUDLEY RD

MANASSAS, VA 22110

Owner/operator country: Not reported Owner/operator telephone: 703-369-8000 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

. Waste code: D001

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

. Waste name: IGNITABLE WASTE

Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 09/26/2006

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

ICIS:

Enforcement Action ID: VA000A0000511530001100029

FRS ID: 110002477908

Action Name: PRINCE WILLIAM HOSPITAL CORPORATION 511530001100029

Facility Name: PRINCE WILLIAM MEDICAL CENTER

Facility Address: 8700 SUDLEY RD

MANASSAS, VA 22110 Administrative Order

Enforcement Action Type: Administrative Order Facility County: PRINCE WILLIAM

Program System Acronym: AIR

Enforcement Action Forum Desc: Administrative - Formal

EA Type Code: SCAAAO
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 38.76775
Longitude in Decimal Degrees: -77.48532
Permit Type Desc: Not reported

Program System Acronym: VA0000005115300011

Facility NAICS Code: 622110
Tribal Land Code: Not reported

Enforcement Action ID: VA000A0000511530001100016

FRS ID: 110002477908

Action Name: PRINCE WILLIAM HOSPITAL CORPORATION 511530001100016

Facility Name: PRINCE WILLIAM MEDICAL CENTER

Facility Address: 8700 SUDLEY RD
MANASSAS, VA 22110
Enforcement Action Type: Notice of Violation

Facility County:

Notice of Violation
PRINCE WILLIAM

Program System Acronym: AIR

Enforcement Action Forum Desc: Administrative - Informal

EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Latitude in Decimal Degrees: 38.76775

Longitude in Decimal Degrees: -77.48532

Permit Type Desc: Not reported

Program System Acronym: VA0000005115300011

Facility NAICS Code: 622110
Tribal Land Code: Not reported

US AIRS MINOR:

Envid: 1004610501

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908
D and B Number: Not reported
Primary SIC Code: Not reported
NAICS Code: 622110
Default Air Classification Code: MIN
Facility Type of Ownership Code: NON
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2008-06-09 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2008-08-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2009-03-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2009-05-08 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2011-04-01 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2012-01-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2013-03-22 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2013-08-28 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2014-01-30 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2014-03-18 00:00:00
Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2014-08-01 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2015-02-02 00:00:00
Activity Status Date: 2015-03-31 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Date: 2015-08-04 00:00:00
Activity Status Date: 2015-08-13 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2016-02-23 00:00:00
Activity Status Date: 2016-03-03 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2016-08-08 00:00:00
Activity Status Date: 2016-08-11 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2006-11-29 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-01-03 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

•

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Direction
Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-01-04 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-01-25 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-02-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-03-16 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-05-17 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-09-24 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2008-02-26 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2008-06-09 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2008-08-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2009-03-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2009-05-08 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2010-02-05 00:00:00
Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2010-08-09 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2011-02-10 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Date: 2011-08-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2012-01-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2012-01-12 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2012-07-30 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

03

Activity Date: 2013-03-22 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

.

Region Code:

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2013-08-28 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2014-01-30 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2014-08-01 00:00:00
Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-02-20 00:00:00
Activity Status Date: 2007-02-20 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2015-02-02 00:00:00
Activity Status Date: 2015-03-31 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2015-03-02 00:00:00
Activity Status Date: 2015-03-31 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2015-08-04 00:00:00
Activity Status Date: 2015-08-13 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2016-02-23 00:00:00
Activity Status Date: 2016-03-03 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2016-08-08 00:00:00
Activity Status Date: 2016-08-11 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1992-03-17 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1993-03-03 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1993-09-23 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1994-05-19 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1995-01-26 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Date: 1995-10-27 00:00:00
Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1996-11-15 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1998-01-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1998-12-01 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1999-12-03 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2002-09-05 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2003-04-21 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2006-11-29 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-01-03 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-01-04 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-01-25 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-02-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-03-16 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-05-17 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-09-24 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2008-02-26 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2008-06-09 00:00:00
Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2008-08-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2009-03-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Date: 2009-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2010-02-23 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2011-04-01 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2012-01-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2012-03-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2013-03-14 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2013-03-22 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2013-08-28 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2014-01-30 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2014-03-18 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2014-08-01 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-02-20 00:00:00
Activity Status Date: 2007-02-20 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2006-11-07 00:00:00
Activity Status Date: 2006-11-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal

Activity Status: Achieved

US AIRS MINOR:

Envid: 1004610501

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908
D and B Number: Not reported
Primary SIC Code: Not reported
NAICS Code: 622110
Default Air Classification Code: MIN
Facility Type of Ownership Code: NON
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Date: 2008-06-09 00:00:00
Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2008-08-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2009-03-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2009-05-08 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2011-04-01 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Direction Distance

Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Air Operating Status Code: **OPR** Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2012-01-06 00:00:00 Activity Status Date: Not reported

Activity Group:

Compliance Monitoring Inspection/Evaluation Activity Type: Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: **OPR** Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2013-03-22 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2013-08-28 00:00:00 Activity Status Date: Not reported

Activity Group: **Compliance Monitoring** Inspection/Evaluation Activity Type:

Activity Status: Not reported

Region Code: 03

AIR VA000005115300011 Programmatic ID:

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code:

Federally-Enforceable State Operating Permit - Non Title V Air Program:

Activity Date: 2014-01-30 00:00:00

Activity Status Date: Not reported

Activity Group: **Compliance Monitoring** Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2014-03-18 00:00:00 Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: Federally-Enforceable State Operating Permit - Non Title V

Activity Date: 2014-08-01 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2015-02-02 00:00:00
Activity Status Date: 2015-03-31 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2015-08-04 00:00:00
Activity Status Date: 2015-08-13 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2016-02-23 00:00:00
Activity Status Date: 2016-03-03 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2016-08-08 00:00:00
Activity Status Date: 2016-08-11 00:00:00
Activity Group: Compliance Monitoring

Direction Distance

Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: AIR VA0000005115300011 Programmatic ID:

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

03

Activity Date: 2006-11-29 00:00:00

Activity Status Date: Not reported

Compliance Monitoring Activity Group: Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: **OPR** Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-01-03 00:00:00 Activity Status Date: Not reported

Activity Group: Compliance Monitoring Inspection/Evaluation Activity Type:

Activity Status: Not reported

Region Code:

AIR VA0000005115300011 Programmatic ID:

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-01-04 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

AIR VA0000005115300011 Programmatic ID:

Facility Registry ID: 110002477908

Air Operating Status Code: **OPR** Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-01-25 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code:

AIR VA0000005115300011 Programmatic ID:

Facility Registry ID: 110002477908

Air Operating Status Code: **OPR** Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Date: 2007-02-06 00:00:00
Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-03-16 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-05-17 00:00:00

Activity Status Date: Not reported
Activity Group: Compliance Monit

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-09-24 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2008-02-26 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Direction Distance Elevation

evation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2008-06-09 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2008-08-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2009-03-11 00:00:00
Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2009-05-08 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2010-02-05 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

EDR ID Number

1004610501

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2010-08-09 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2011-02-10 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2011-08-04 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2012-01-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2012-01-12 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2012-07-30 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2013-03-22 00:00:00
Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2013-08-28 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2014-01-30 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Date: 2014-08-01 00:00:00
Activity Status Date: Not reported

Activity Status Date: Not reported

Activity Group: Compliance Monitoring

Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 2007-02-20 00:00:00
Activity Status Date: 2007-02-20 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2015-02-02 00:00:00
Activity Status Date: 2015-03-31 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2015-03-02 00:00:00
Activity Status Date: 2015-03-31 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2015-08-04 00:00:00
Activity Status Date: 2015-08-13 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2016-02-23 00:00:00
Activity Status Date: 2016-03-03 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2016-08-08 00:00:00
Activity Status Date: 2016-08-11 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Active

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1992-03-17 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1993-03-03 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1993-09-23 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1994-05-19 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1995-01-26 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1995-10-27 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1996-11-15 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1998-01-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1998-12-01 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1999-12-03 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2002-09-05 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2003-04-21 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Date: 2006-11-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-01-03 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-01-04 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-01-25 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-02-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-03-16 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-05-17 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-09-24 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2008-02-26 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2008-06-09 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2008-08-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2009-03-11 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2009-05-08 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2010-02-23 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2011-04-01 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2012-01-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2012-03-06 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2013-03-14 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2013-03-22 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA0000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

Activity Date: 2013-08-28 00:00:00 Activity Status Date: Not reported

Compliance Monitoring Activity Group: Inspection/Evaluation Activity Type: **Activity Status:** Not reported

Region Code: 03

Programmatic ID: AIR VA000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: **OPR** Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2014-01-30 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

AIR VA0000005115300011 Programmatic ID:

Facility Registry ID: 110002477908

Air Operating Status Code: **OPR** Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2014-03-18 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR VA000005115300011

Facility Registry ID: 110002477908

Air Operating Status Code: **OPR** Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2014-08-01 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

AIR VA0000005115300011 Programmatic ID:

Facility Registry ID: 110002477908

Air Operating Status Code: **OPR** Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2007-02-20 00:00:00 Activity Status Date: 2007-02-20 00:00:00 Activity Group: **Enforcement Action** Activity Type: Administrative - Formal Activity Status: Final Order Issued

Region Code: 03

Programmatic ID: AIR VA000005115300011

Facility Registry ID: 110002477908

Direction
Distance
Elevation

tion Site Database(s) EPA ID Number

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 2006-11-07 00:00:00
Activity Status Date: 2006-11-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal

Activity Status: Achieved

FINDS:

Registry ID: 110002477908

Environmental Interest/Information System

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

CEDS (Virginia - Comprehensive Environmental Data System) is the Department of Environmental Quality's (DEQ) electronic data system for maintaining databases on sources of pollutants in all media.

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.

AIR MINOR

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004610501 Registry ID: 110002477908

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002477908

NY MANIFEST:

Name: PRINCE WILLIAM HOSPITAL

Address: 8700 SUDLEY RD City,State,Zip: MANASSAS, VA 22110

Country: USA

EPA ID: VAD988166427 Facility Status: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

Location Address 1: 8700 SUDLEY RD

ΒP Code:

Location Address 2: Not reported Total Tanks: Not reported **MANASSAS** Location City: Location State: VA 22110 Location Zip: Location Zip 4: Not reported

NY MANIFEST:

EPAID: VAD988166427

Mailing Name: PRINCE WILLIAM HOSPITAL

Mailing Contact: **GEORGE SIEBERT** Mailing Address 1: 8700 SUDLEY RD Mailing Address 2: Not reported Mailing City: **MANASSAS**

Mailing State: VA 22110 Mailing Zip: Mailing Zip 4: Not reported Mailing Country: USA Mailing Phone: 7033698000

NY MANIFEST:

Document ID: NYG1159479 Manifest Status:

Not reported seq: 01 Year: 1999 Trans1 State ID: 71070WNY Trans2 State ID: Not reported Generator Ship Date: 05/11/1999 Trans1 Recv Date: 05/11/1999 Not reported Trans2 Recv Date: TSD Site Recv Date: 05/18/1999 Part A Recv Date: Not reported Not reported Part B Recv Date: Generator EPA ID: VAD988166427 Trans1 EPA ID: NYD982792814 Trans2 EPA ID: Not reported NYD000632372 TSDF ID 1: TSDF ID 2: Not reported Manifest Tracking Number: Not reported Import Indicator: Not reported **Export Indicator:** Not reported Not reported Discr Quantity Indicator: Discr Type Indicator: Not reported

Discr Residue Indicator: Not reported Discr Partial Reject Indicator: Not reported Discr Full Reject Indicator: Not reported Manifest Ref Number: Not reported Alt Facility RCRA ID: Not reported Alt Facility Sign Date: Not reported

MGMT Method Type Code: Not reported

Waste Code: U115 - ETHYLENE OXIDE (L,T)

Waste Code: Not reported Waste Code: Not reported Waste Code: Not reported Waste Code: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM MEDICAL CENTER (Continued)

1004610501

EDR ID Number

Waste Code: Not reported 00015 Quantity: Units: P - Pounds Number of Containers: 001

Container Type: DM - Metal drums, barrels

Handling Method: T Chemical, physical, or biological treatment.

Specific Gravity: 01.00

> Click this hyperlink while viewing on your computer to access -1 additional NY MANIFEST: record(s) in the EDR Site Report.

D10 **USPOST OFFICE - MANASSAS VA LTANKS** S104896460 8801 SUDLEY RD

N/A

< 1/8 MANASSAS, VA 22110

1 ft.

Site 1 of 5 in cluster D

Relative: LTANKS: Higher U S POST OFFICE - MANASSAS Name:

Address: 8801 SUDLEY RD Actual: MANASSAS, VA 22110 258 ft.

City, State, Zip: NRO Region:

CEDS Facility Id: 200000096688 Case Status: Closed Pollution Complaint #: 19940270 Reported: 08/13/1993 Case Closed Date: 12/20/1994 Program: RP Lead

Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): N Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Ν Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N:

Other Description: Not reported Heating Oil Category: Not reported

D11 **USPS - MANASSAS MAIN POST OFFICE** VA UST U003678485

8801 SUDLEY RD

< 1/8 MANASSAS, VA 22110

1 ft.

Site 2 of 5 in cluster D

Relative: Facility:

Higher Name: USPS - MANASSAS MAIN POST OFFICE

Address: 8801 SUDLEY RD Actual: City, State, Zip: MANASSAS, VA 22110 258 ft.

> Facility Id: 3002142

Facility Type: FEDERAL NON-MILITARY N/A

Direction Distance Elevation

n Site Database(s) EPA ID Number

USPS - MANASSAS MAIN POST OFFICE (Continued)

U003678485

EDR ID Number

CEDS Facility ID: 200000096688

Owner:

Owner Id: 37989

Owner Name: United States Postal Service

Owner Address: 1810 Reddy Dr Owner Address2: Not reported

Owner City, State, Zip: Woodbridge, VA 22191

Owner Type: FEDERAL

Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 3

UST:

Facility ID: 3002142 Federally Regulated: Yes

Tank Number: 4
Tank Capacity: 6000
Tank Contents: GASOLINE
Tank Status: CLS IN GRD

Tank Type: UST

Tank Material:

8/1/1993 Install Date: Tank Materials: Bare Steel No Tank Materials: Cath Protect Steel No Tank Materials: Epoxy Steel No Tank Materials: Fiberglass Yes Tank Materials: Concrete No Tank Materials: Composite No Tank Materials: Double Walled Yes Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired No Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge Yes Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install Yes Tank Release Detection: Overfill Install Yes Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled Yes Tank Release Detection: Other Method No

Tank Release Detection: Other Note Not reported Pipe Release Detection: Leak Deferred Not reported

Direction
Distance
Elevation

ce EDR ID Number on Site Database(s) EPA ID Number

USPS - MANASSAS MAIN POST OFFICE (Continued)

U003678485

Pipe Release Detection: Autoleak
Pipe Release Detection: Line Tightness
Pipe Release Detection: Stat Invent Recon
Pipe Release Detection: Groundwater
Pipe Release Detection: Int Sec Containment
Pipe Release Det: Interior Double Walled
Pipe Release Detection: Other Method
No

Pipe Release Detection: Other Note Not reported

Pipe Type: PRESSURE

Pipe Materials: Bare Steel No Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass Yes Pipe Materials: Cath Protect No Pipe Materials: Double Walled Yes Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Not reported

Facility ID: 3002142 Federally Regulated: Yes

Tank Number: R1
Tank Capacity: 6000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD

Tank Type: UST

Tank Material:

Install Date: 1/1/1980 Tank Materials: Bare Steel Yes Tank Materials: Cath Protect Steel No Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite No Tank Materials: Double Walled No Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired No Tank Materials: Unknown Nο Tank Materials: Other No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred
Tank Release Detection: Manual Gauge
No
Tank Release Detection: Auto Gauge
No
Tank Release Detection: Tank Tightness
No
Tank Release Detection: Vapor Monitor
No
Tank Release Detection: Inventory
No
Tank Release Detection: Stat Invent Recon
No

Direction Distance Elevation

n Site Database(s) EPA ID Number

USPS - MANASSAS MAIN POST OFFICE (Continued)

U003678485

EDR ID Number

Tank Release Detection: Spill Install No
Tank Release Detection: Overfill Install No
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No

Tank Release Detection: Other Note
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Not reported
Not reported

Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: NO VALVE SUCTION

Pipe Materials: Bare Steel Yes Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass No Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired Nο Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Not reported

Facility ID: 3002142 Federally Regulated: Yes

Tank Number: R2
Tank Capacity: 6000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD

Tank Type: UST

Tank Material:

Tank Materials: Other

1/1/1980 Install Date: Tank Materials: Bare Steel Yes Tank Materials: Cath Protect Steel No Tank Materials: Epoxy Steel No Tank Materials: Fiberglass Nο Tank Materials: Concrete No Tank Materials: Composite No Tank Materials: Double Walled No Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired No Tank Materials: Unknown No

Tank Materials: Other Note Not reported

No

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

No

USPS - MANASSAS MAIN POST OFFICE (Continued)

U003678485

```
Release Detection:
  Tank Release Detection: Leak Deferred
                                                 No
  Tank Release Detection: Manual Gauge
                                                 No
  Tank Release Detection: Auto Gauge
                                                 No
  Tank Release Detection: Tank Tightness
                                                 No
  Tank Release Detection: Vapor Monitor
                                                 No
  Tank Release Detection: Inventory
                                                 No
  Tank Release Detection: Stat Invent Recon
                                                 No
  Tank Release Detection: Spill Install
                                                 No
  Tank Release Detection: Overfill Install
                                                 No
  Tank Release Detection: Groundwater
                                                 No
  Tank Release Detection: Int Sec Containment
                                                 Nο
  Tank Release Detection: Int Double Walled
                                                 No
```

Tank Release Detection: Other Method

Tank Release Detection: Other Note Not reported Pipe Release Detection: Leak Deferred Not reported Pipe Release Detection: Autoleak Not reported

Pipe Release Detection: Line Tightness No Pipe Release Detection: Stat Invent Recon No Pipe Release Detection: Groundwater No Pipe Release Detection: Int Sec Containment Nο Pipe Release Det: Interior Double Walled No Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: NO VALVE SUCTION

Pipe Materials: Bare Steel Yes Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass No Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No

Not reported Pipe Materials: Other Note

D12 **H.G.SMITHY**

8803 SUDLEY ROAD

< 1/8 PRINCE WILLIAM, VA 20109

1 ft.

Site 3 of 5 in cluster D

LUST REG NO: Relative:

Higher Region: NO Facility ID: 3900615 Actual: Status: Closed 262 ft. Tank Size:

> Not reported Product: Release Date: 06/15/1994 Closed Date: 2/21/1995 Case Type: Article 11

Case Officer: Thomas R. Lancaster, P.G.

Pollution Complaint #: 94-4322 Permit Number: Λ

VA LUST \$104406987

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

H.G.SMITHY (Continued) S104406987

Priority:

VA LTANKS S104896849 D13 **H G SMITHY**

8803 SUDLEY RD N/A

< 1/8 MANASSAS, VA 20109

1 ft.

Site 4 of 5 in cluster D

Relative: LTANKS: Higher Name: **H G SMITHY** Address: 8803 SUDLEY RD Actual: City,State,Zip: MANASSAS, VA 20109 262 ft.

Region: NRO

CEDS Facility Id: 200000185817 Case Status: Closed Pollution Complaint #: 19944322 Reported: 06/15/1994 Case Closed Date: 02/21/1995 Program: RP Lead

Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): N Exempt 2 Heating Oil UST (2): Ν

Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N:

Other Description: Not reported Heating Oil Category: Not reported

B14 PRINCE WILLIAM HOSPITAL VA SWF/LF U003681486 8700 SUDLEY RD **VA LTANKS** N/A **VA UST**

< 1/8 MANASSAS, VA 22110 1 ft.

SWF/LF:

Relative:

Site 3 of 5 in cluster B

Higher Permit Number: PBR171

Unit Name: Regulated Medical Waste (RMW) Facility Actual:

Unit Status Code: Not reported 243 ft.

Deq Region: Northern Regional Office

Mailing Address: 8700 Sudley Rd Mailing Address 2: Not reported Mailing Address 3: Not reported

Mailing City, St, Zip: Manassas, VA 22110

Facility Telephone: Not reported Decimal Longitude: Not reported

Lat/Long (dms): 38 46 7.362 / -77 29 14.08

Owner Name: Not reported Operator Name: Not reported

Unit Status Description: Regulated Medical Waste (RMW) Facility - Steam Sterilizer - Not

Constructed

VA AIRS

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Payment ID: Not reported

Permit:

Permit Number: PBR171

Unit Description: Prince William Hospital FIC Description: Manassas City

Permit Event Desc: Permit issued
Permit Event Complete Date: 6/14/2001

Permit Number: PBR171

Unit Description: Prince William Hospital

FIC Description: Manassas City

Permit Event Desc: PBR Facility Date of Final Closure

Permit Event Complete Date: 11/19/1988

Permit Number: PBR171

Unit Description: Prince William Hospital

FIC Description: Manassas City
Permit Event Desc: Permit revoked
Permit Event Complete Date: 1/25/2007

Permit Number: PBR171

Unit Description: Prince William Hospital FIC Description: Manassas City

FIC Description: Manassas City
Permit Event Desc: Application received

Permit Event Complete Date: 11/28/2000

Permit Number: PBR295

Unit Name: Regulated Medical Waste (RMW) Facility

Unit Status Code: Not reported

Deq Region: Northern Regional Office

Mailing Address: 8700 Sudley Rd
Mailing Address 2: Not reported
Mailing Address 3: Not reported

Mailing City,St,Zip: Manassas, VA 22110
Facility Telephone: Not reported
Decimal Longitude: Not reported

Lat/Long (dms): 38 46 7.362 / -77 29 14.08

Owner Name: Not reported Operator Name: Not reported

Unit Status Description: Regulated Medical Waste (RMW) Facility - Steam Sterilizer - Closed

Payment ID: Not reported

Permit:

Permit Number: PBR295

Unit Description: Prince William Hospital

FIC Description: Manassas City

Permit Event Desc: PBR Facility Date of Final Closure

Permit Event Complete Date: 6/14/2001

Permit Number: PBR295

Unit Description: Prince William Hospital

FIC Description: Manassas City
Permit Event Desc: Permit issued
Permit Event Complete Date: 1/1/1996

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

LTANKS: PRINCE WILLIAM HOSPITAL Name: 8700 SUDLEY RD Address: City,State,Zip: MANASSAS, VA 22110 Region: NRO 200000075493 CEDS Facility Id: Case Status: Closed

Pollution Complaint #: 19910350 Reported: 09/07/1990 10/05/1993 Case Closed Date: Program: RP Lead Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): N Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Ν Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): N Other Y/N: Ν

Not reported Other Description: Heating Oil Category: Not reported

Facility:

Unknown Y/N:

PRINCE WILLIAM HOSPITAL Name:

Address: 8700 SUDLEY RD City,State,Zip: MANASSAS, VA 22110

Facility Id: 3021117 Facility Type: COMMERCIAL CEDS Facility ID: 200000075493

Owner:

Owner Id: 37419

PRINCE WILLIAM HOSPITAL CORPORATION Owner Name:

Owner Address: 8700 SUDLEY ROAD

Owner Address2: Not reported

Owner City, State, Zip: MANASSAS, VA 22110

Owner Type: COMMERCIAL

Number of Active AST: 0 Number of Active UST: 0 0 Number of Inactive AST: Number of Inactive UST: 3

UST:

Facility ID: 3021117 Federally Regulated: No

Tank Number: 1 Tank Capacity: 10000 **HEATING OIL** Tank Contents: **PERM OUT OF USE** Tank Status:

Tank Type: UST

Direction
Distance
Elevation

Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Tank	Ma	teria	ŀ
مصا	4-11	D-4	_

and Material.	
Install Date:	1/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	Yes
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection:Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No

Tank Release Detection: Other Note
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Not reported
Not reported

Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note EUROPEAN METHOD

Pipe Type: NO VALVE SUCTION

Pipe Materials: Bare Steel No Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass Yes Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Not reported

Direction Distance Elevation

ce EDR ID Number ion Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

Facility ID:	3021117
Federally Regulated:	No

Tank Number: 619588
Tank Capacity: 500

Tank Contents: HEATING OIL
Tank Status: REM FROM GRD

Tank Type: UST

Tank Material:

Install Date: 1/1/1979 Tank Materials: Bare Steel Yes Tank Materials: Cath Protect Steel No Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite No Tank Materials: Double Walled No Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired Nο Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge No Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install No Tank Release Detection: Overfill Install No Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note Not reported

Pipe Release Detection: Leak Deferred No

Pipe Release Detection: Autoleak Not reported

Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: Not reported

Pipe Materials: Bare Steel Yes
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper No
Pipe Materials: Fiberglass No
Pipe Materials: Cath Protect No

Direction Distance Elevation

Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Pipe Materials: Double Walled No
Pipe Materials: Sec Containment No
Pipe Materials: Repaired No
Pipe Materials: Unknown No
Pipe Materials: Other No

Pipe Materials: Other Note Not reported

Facility ID: 3021117
Federally Regulated: No

Tank Number: R1
Tank Capacity: 10000
Tank Contents: HEATING OIL

Tank Status: REM FROM GRD

Tank Type: UST

Tank Material:

Install Date: 1/1/1963 Tank Materials: Bare Steel Yes Tank Materials: Cath Protect Steel No Tank Materials: Epoxy Steel Nο Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite No Tank Materials: Double Walled No Tank Materials: Lined Interior Yes Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired No Tank Materials: Unknown No

Tank Materials: Other Note Not reported

No

Release Detection:

Tank Materials: Other

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge No Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install No Tank Release Detection: Overfill Install No Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Not reported
Not reported

Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

Pipe Release Detection: Other Note Not reported

NO VALVE SUCTION Pipe Type:

Pipe Materials: Bare Steel Yes Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass No Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired Nο Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Not reported

AIRS:

Name: NOVANT HEALTH PRINCE WILLIAM MEDICAL CENTER

Address: 8700 SUDLEY RD City,State,Zip: MANASSAS, VA 22110

Region: NRO Registration Number: 70006 Contact First Name: Hank Contact Last Name: Dawson

Interim Plant Engineering Manager Contact Title:

Contact Phone: 7033698455 38.76784333 Latitude: Longitude: -77.48752959

38 46 4.235988 / -77 29 15.106524 Lat Deg/Min/Sec Lon Deg/Min/Sec:

Mailing Address: 8700 Sudley Rd Mailing City: Manassas Mailing State: VA Mailing Zip Code: 22110 Program Type: Article 5 - SOP Permit Type: SOP-FED Issued Date: 05/22/2007 Operating Status: Operating

Contact Email: hldawson@novanthealth.org

Owner ID: 5499

Owner Name: PRINCE WILLIAM HOSPITAL

Owner Tele: Not reported

Facility Full Name: Prince William Medical Center ICIS Federal ID: VA0000005115300011

Currently Active (y/n):

Primary Permit Type Desc: State Operating Permit Issued where at least one condition is intended

to be federally enforceable

Permit Status: Superseded

AIRS:

Emission Year: 2014 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Pollutant Short Name: PB

Value (tons/year): 1.39038e-05

Emission Year: 2014

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX Value (tons/year): 2.225917

 Emission Year:
 2014

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Pollutant Short Name: VOC Value (tons/year): 0.1495463

Emission Year: 2014

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO2 Value (tons/year): 0.09645979

 Emission Year:
 2014

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO Value (tons/year): 2.10002

Emission Year: 2014

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10 Value (tons/year): 0.1974871

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Emission Year: 2014

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5 Value (tons/year): 0.18611635

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5

Value (tons/year): 0.30572273459999999

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX

Value (tons/year): 2.830426723

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Pollutant Short Name: VOC Value (tons/year): 0.225720319

Emission Year: 2017

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO2

Value (tons/year): 6.426049740000005E-2

Emission Year: 2017

Latitude: 38.76783288

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO

Value (tons/year): 3.3375304384

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead
Pollutant Short Name: PB

Value (tons/year): 1.950980000000001E-5

Emission Year: 2017

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10

Value (tons/year): 0.30920526459999997

 Emission Year:
 2013

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name: PB

Value (tons/year): 1.77588e-05

 Emission Year:
 2013

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX Value (tons/year): 3.77474

 Emission Year:
 2013

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

Direction Distance

Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Pollutant Short Name: VOC 0.2322677 Value (tons/year):

Emission Year: 2013 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Sulfur Dioxide Pollutant Short Name: SO₂

Value (tons/year): 0.21218095

Emission Year: 2013

Latitude: 38.76783288 -77.48748936 Longitude:

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO Value (tons/year): 3.099545

Emission Year: 2013 38.76783288 Latitude: Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10 Value (tons/year): 0.2847135

Emission Year: 2013 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Particulate Matter 2.5 Pollutant Name:

Pollutant Short Name: PM 2.5 Value (tons/year): 0.26731815

Emission Year: 2016

38.76783288 Latitude: Longitude: -77.48748936 8062

SIC Primary Code:

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

Direction Distance

Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

City/County: Manassas City Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX Value (tons/year): 1.76174144

Emission Year: 2016 Latitude: 38.76783288 -77.48748936 Longitude: SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name:

Value (tons/year): 1.14044e-05

Emission Year: 2016 38.76783288 Latitude: Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Pollutant Short Name: VOC

0.141924862 Value (tons/year):

Emission Year: 2016

Latitude: 38.76783288 -77.48748936 Longitude:

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code:

City/County: Manassas City Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO₂

Value (tons/year): 0.080569702

Emission Year: 2016 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO

Value (tons/year): 1.993992824

Emission Year: 2016

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Particulate Matter 10

Direction Distance Elevation

Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Pollutant Short Name: PM 10 0.188264988 Value (tons/year):

Emission Year: 2016

Latitude: 38.76783288 -77.48748936 Longitude:

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5 0.183070903 Value (tons/year):

Emission Year: 2015 Latitude: 38.76783288 Lonaitude: -77.48748936

SIC Primary Code: 8062

GEN. MEDICAL/SURGICAL HOSPITAL SIC Primary Description:

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name: РΒ

Value (tons/year): 1.24082e-05

Emission Year: 2015

Latitude: 38.76783288 Longitude: -77.48748936 SIC Primary Code:

8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX

2.2729883488 Value (tons/year):

Emission Year: 2015 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Volatile Organic Compounds Pollutant Name:

VOC Pollutant Short Name:

0.1528424964 Value (tons/year):

Emission Year: 2015

Latitude: 38.76783288 Lonaitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO₂

Value (tons/year): 0.0931929318

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Emission Year: 2015

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO

Value (tons/year): 2.1356575812

 Emission Year:
 2015

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10 Value (tons/year): 0.2012216128

Emission Year: 2015

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 68

City/County: Manassas City
Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5 Value (tons/year): 0.1945813578

Name: NOVANT HEALTH PRINCE WILLIAM MEDICAL CENTER

Address: 8700 SUDLEY RD City,State,Zip: MANASSAS, VA 22110

Region: NRO
Registration Number: 70006
Contact First Name: Hank
Contact Last Name: Dawson

Contact Title: Interim Plant Engineering Manager

 Contact Phone:
 7033698455

 Latitude:
 38.76784333

 Longitude:
 -77.48752959

Lat Deg/Min/Sec Lon Deg/Min/Sec: 38 46 4.235988 / -77 29 15.106524

Mailing Address: 8700 Sudley Rd Mailing City: Manassas Mailing State: VA Mailing Zip Code: 22110 Program Type: Article 5 - SOP Permit Type: MINAMEN Issued Date: 11/17/2014 Operating Status: Operating

Contact Email: hldawson@novanthealth.org

Owner ID: 5499

Owner Name: PRINCE WILLIAM HOSPITAL

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

Owner Tele: Not reported

Prince William Medical Center Facility Full Name: ICIS Federal ID: VA0000005115300011

Currently Active (y/n):

Primary Permit Type Desc: Minor Amendment to State Operating Permit

Permit Status: Issued

AIRS:

Emission Year: 2014 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

GEN. MEDICAL/SURGICAL HOSPITAL SIC Primary Description:

FIPS Code:

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name: PΒ

1.39038e-05 Value (tons/year):

Emission Year: 2014 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX Value (tons/year): 2.225917

Emission Year: 2014 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Pollutant Short Name: VOC 0.1495463 Value (tons/year):

Emission Year: 2014 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

GEN. MEDICAL/SURGICAL HOSPITAL SIC Primary Description:

FIPS Code: 683

City/County: Manassas City Pollutant Name: Sulfur Dioxide SO₂ Pollutant Short Name: 0.09645979 Value (tons/year):

Emission Year: 2014 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683 Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

City/County: Manassas City
Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO Value (tons/year): 2.10002

 Emission Year:
 2014

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10 Value (tons/year): 0.1974871

 Emission Year:
 2014

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5 Value (tons/year): 0.18611635

Emission Year: 2017

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5

Value (tons/year): 0.30572273459999999

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX

Value (tons/year): 2.830426723

Emission Year: 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

 SIC Primary Code:
 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Pollutant Short Name: VOC

Value (tons/year): 0.225720319

Emission Year: 2017

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO2

Value (tons/year): 6.4260497400000005E-2

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Carbon Monoxide

Pollutant Short Name: CC

Value (tons/year): 3.3375304384

Emission Year: 2017

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name: PB

Value (tons/year): 1.950980000000001E-5

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10

Value (tons/year): 0.30920526459999997

 Emission Year:
 2013

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name: PB

Value (tons/year): 1.77588e-05

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

Emission Year: 2013 38.76783288 Latitude: Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX Value (tons/year): 3.77474

Emission Year: 2013 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

VOC Pollutant Short Name: Value (tons/year): 0.2322677

Emission Year: 2013

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code:

City/County: Manassas City Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO₂

0.21218095 Value (tons/year):

Emission Year: 2013 38.76783288 Latitude: Longitude: -77.48748936

SIC Primary Code: 8062

GEN. MEDICAL/SURGICAL HOSPITAL SIC Primary Description:

FIPS Code: 683

City/County: Manassas City Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO Value (tons/year): 3.099545

Emission Year: 2013

38.76783288 Latitude: Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Particulate Matter 10

PM 10 Pollutant Short Name: Value (tons/year): 0.2847135

Emission Year: 2013

Latitude: 38.76783288

Direction Distance Elevation

Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5 0.26731815 Value (tons/year):

Emission Year: 2016 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code:

City/County: Manassas City Pollutant Name: Nitrogen Oxide

NOX Pollutant Short Name: Value (tons/year): 1.76174144

Emission Year: 2016

Latitude: 38.76783288 Lonaitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Lead

ΡВ Pollutant Short Name:

Value (tons/year): 1.14044e-05

Emission Year: 2016 Latitude: 38.76783288

Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Volatile Organic Compounds Pollutant Name:

Pollutant Short Name: VOC Value (tons/year): 0.141924862

Emission Year: 2016 38.76783288 Latitude: Longitude: -77.48748936

SIC Primary Code: 8062

GEN. MEDICAL/SURGICAL HOSPITAL SIC Primary Description:

FIPS Code: 683

City/County: Manassas City Pollutant Name: Sulfur Dioxide Pollutant Short Name: SO₂

Value (tons/year): 0.080569702

Emission Year: 2016

Latitude: 38.76783288 Lonaitude: -77.48748936

SIC Primary Code: 8062

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO

Value (tons/year): 1.993992824

 Emission Year:
 2016

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10 Value (tons/year): 0.188264988

Emission Year: 2016

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5 Value (tons/year): 0.183070903

Emission Year: 2015

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name: PB

Value (tons/year): 1.24082e-05

 Emission Year:
 2015

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX

Value (tons/year): 2.2729883488

Emission Year: 2015

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

City/County: Manassas City

Volatile Organic Compounds Pollutant Name:

Pollutant Short Name: VOC

Value (tons/year): 0.1528424964

Emission Year: 2015 38.76783288 Latitude: -77.48748936 Longitude: SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO₂

Value (tons/year): 0.0931929318

Emission Year: 2015 38.76783288 Latitude: Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Carbon Monoxide Pollutant Short Name: CO

Value (tons/year): 2.1356575812

Emission Year: 2015

Latitude: 38.76783288 -77.48748936 Longitude:

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code:

City/County: Manassas City Particulate Matter 10 Pollutant Name:

Pollutant Short Name: PM 10 Value (tons/year): 0.2012216128

Emission Year: 2015 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5 Value (tons/year): 0.1945813578

NOVANT HEALTH PRINCE WILLIAM MEDICAL CENTER Name:

Address: 8700 SUDLEY RD City,State,Zip: MANASSAS, VA 22110

Region: NRO Registration Number: 70006 Contact First Name: Hank Contact Last Name: Dawson

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

Contact Title:

Interim Plant Engineering Manager

 Contact Phone:
 7033698455

 Latitude:
 38.76784333

 Longitude:
 -77.48752959

Lat Deg/Min/Sec Lon Deg/Min/Sec: 38 46 4.235988 / -77 29 15.106524

Mailing Address:8700 Sudley RdMailing City:ManassasMailing State:VAMailing Zip Code:22110

Program Type: Article 6 - mNSR
Permit Type: MINAMEN
Issued Date: 03/13/2012
Operating Status: Operating

Contact Email: hldawson@novanthealth.org

Owner ID: 5499

Owner Name: PRINCE WILLIAM HOSPITAL

Owner Tele: Not reported

Facility Full Name: Prince William Medical Center ICIS Federal ID: VA0000005115300011

Currently Active (y/n): Y

Primary Permit Type Desc: Minor Amendment to Minor NSR Permit

Permit Status: Superseded

AIRS:

 Emission Year:
 2014

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name: PB

Value (tons/year): 1.39038e-05

 Emission Year:
 2014

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX Value (tons/year): 2.225917

 Emission Year:
 2014

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Pollutant Short Name: VOC Value (tons/year): 0.1495463

Emission Year: 2014

EDR ID Number

U003681486

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO2 Value (tons/year): 0.09645979

 Emission Year:
 2014

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

 2002
 2003

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO Value (tons/year): 2.10002

Emission Year: 2014

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10 Value (tons/year): 0.1974871

 Emission Year:
 2014

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5 Value (tons/year): 0.18611635

Emission Year: 2017

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5

Value (tons/year): 0.30572273459999999

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX

Value (tons/year): 2.830426723

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Pollutant Short Name: VOC Value (tons/year): 0.225720319

Emission Year: 2017

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO2

Value (tons/year): 6.4260497400000005E-2

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO

Value (tons/year): 3.3375304384

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name: PB

Value (tons/year): 1.950980000000001E-5

 Emission Year:
 2017

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10

Value (tons/year): 0.30920526459999997

 Emission Year:
 2013

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead
Pollutant Short Name: PB

Value (tons/year): 1.77588e-05

 Emission Year:
 2013

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Nitrogen Oxide
Pollutant Short Name: NOX

Value (tons/year): NOX 3.77474

 Emission Year:
 2013

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Pollutant Short Name: VOC Value (tons/year): 0.2322677

 Emission Year:
 2013

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Sulfur Dioxide
Pollutant Short Name: SO2

Value (tons/year): 0.21218095

 Emission Year:
 2013

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062
SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Direction Distance

Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO 3.099545 Value (tons/year):

Emission Year: 2013 38.76783288 Latitude: -77.48748936 Longitude: SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10 Value (tons/year): 0.2847135

Emission Year: 2013 Latitude: 38.76783288 -77.48748936 Longitude:

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5 0.26731815 Value (tons/year):

Emission Year: 2016

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX Value (tons/year): 1.76174144

Emission Year: 2016 Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name: PΒ

Value (tons/year): 1.14044e-05

Emission Year: 2016

Latitude: 38.76783288 -77.48748936 Longitude:

SIC Primary Code:

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code:

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Pollutant Short Name: VOC

Direction Distance Elevation

levation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Value (tons/year): 0.141924862

Emission Year: 2016

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO2

Value (tons/year): 0.080569702

 Emission Year:
 2016

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO

Value (tons/year): 1.993992824

Emission Year: 2016

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10 Value (tons/year): 0.188264988

 Emission Year:
 2016

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 2.5

Pollutant Short Name: PM 2.5 Value (tons/year): 0.183070903

Emission Year: 2015

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Lead Pollutant Short Name: PB

Value (tons/year): 1.24082e-05

Direction Distance Elevation

evation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

EDR ID Number

Emission Year: 2015

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Nitrogen Oxide

Pollutant Short Name: NOX

Value (tons/year): 2.2729883488

 Emission Year:
 2015

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City

Pollutant Name: Volatile Organic Compounds

Pollutant Short Name: VOC

Value (tons/year): 0.1528424964

Emission Year: 2015

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Sulfur Dioxide

Pollutant Short Name: SO2

Value (tons/year): 0.0931929318

 Emission Year:
 2015

 Latitude:
 38.76783288

 Longitude:
 -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Carbon Monoxide

Pollutant Short Name: CO

Value (tons/year): 2.1356575812

Emission Year: 2015

Latitude: 38.76783288 Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City
Pollutant Name: Particulate Matter 10

Pollutant Short Name: PM 10 Value (tons/year): 0.2012216128

Emission Year: 2015

Latitude: 38.76783288

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

U003681486

S108794258

N/A

NJ MANIFEST

Longitude: -77.48748936

SIC Primary Code: 8062

SIC Primary Description: GEN. MEDICAL/SURGICAL HOSPITAL

FIPS Code: 683

City/County: Manassas City Pollutant Name: Particulate Matter 2.5

PM 2.5 Pollutant Short Name: 0.1945813578 Value (tons/year):

B15 PRINCE WILLIAM HOSPITAL

8700 SUDLEY RD

< 1/8 MANASSAS, VA 22110

1 ft.

Site 4 of 5 in cluster B

Relative: NJ MANIFEST: Higher

EPA Id: VAD988166427 8700 SUDLEY RD Mail Address: Actual: Mail City/State/Zip: MANASSAS 22110 243 ft.

Facility Phone: 7033698187 **Emergency Phone:** Not reported Contact: Not reported Comments: Not reported SIC Code: Not reported

00 County: Municipal: 00

Previous EPA Id: Not reported

Gen Flag: Χ

Trans Flag: Not reported TSDF Flag: Not reported Name Change: Not reported Not reported Date Change:

Manifest:

Manifest Number: 001317697SKS EPA ID: VAD988166427 Date Shipped: 09/30/2008 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: NJD071629976 Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: 09/30/2008 Date Trans2 Transported Waste: 10/08/2008 Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported

Not reported

Date Trans9 Transported Waste:

Map ID MAP FINDINGS
Direction

Distance Elevation Site

Database(s)

PRINCE WILLIAM HOSPITAL (Continued)

S108794258

EDR ID Number

EPA ID Number

Date Trans10 Transported Waste: Not reported 10/08/2008 Date TSDF Received Waste: TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Not reported Waste SEQ ID: Not reported Waste Type Code 2: Waste Type Code 3: Not reported Waste Type Code 4: Not reported Waste Type Code 5: Not reported Waste Type Code 6: Not reported Date Accepted: Not reported Manifest Discrepancy Type: Not reported Data Entry Number: Not reported Was Load Rejected: MANASSAS 22110 Reason Load Was Rejected: Not reported

Waste:

Manifest Year:
Waste Code:
U239
Hand Code:
H061
Quantity:
200 P

Manifest Number: 006962490JJK EPA ID: VAD988166427 Date Shipped: 6/23/2011 TSDF EPA ID: NJD980536593 Transporter EPA ID: NJD986607380 Transporter 2 EPA ID: NJR000063677 Transporter 3 EPA ID: NJD080631369 Transporter 4 EPA ID: NJD000692061 Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: Not reported Date Trans2 Transported Waste: Not reported Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Not reported Date Trans7 Transported Waste: Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Not reported Date Trans10 Transported Waste: Date TSDF Received Waste: Not reported TSDF EPA Facility Name: Not reported Not reported QTY Units: Transporter SEQ ID: Not reported Not reported Transporter-1 Date: Not reported Waste SEQ ID: Waste Type Code 2: Not reported Waste Type Code 3: Not reported Waste Type Code 4: Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation Site

Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

S108794258

EDR ID Number

Waste Type Code 5:

Waste Type Code 6:

Date Accepted:

Manifest Discrepancy Type:

Data Entry Number:

Was Load Rejected:

Reason Load Was Rejected:

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Waste:

Manifest Year:
Waste Code:
D001
Hand Code:
H141

Quantity: 200.00 Pounds

Manifest Number: 000058248SKS VAD988166427 EPA ID: Date Shipped: 07/06/2007 TSDF EPA ID: NJD002182897 Transporter EPA ID: TXR000050930 Transporter 2 EPA ID: NJD986607380 Transporter 3 EPA ID: Not reported Transporter 4 EPA ID: Not reported Transporter 5 EPA ID: Not reported Transporter 6 EPA ID: Not reported Transporter 7 EPA ID: Not reported Transporter 8 EPA ID: Not reported Transporter 9 EPA ID: Not reported Transporter 10 EPA ID: Not reported Date Trans1 Transported Waste: 07/06/2007 07/19/2007 Date Trans2 Transported Waste: Date Trans3 Transported Waste: Not reported Date Trans4 Transported Waste: Not reported Date Trans5 Transported Waste: Not reported Date Trans6 Transported Waste: Not reported Date Trans7 Transported Waste: Not reported Date Trans8 Transported Waste: Not reported Date Trans9 Transported Waste: Not reported Date Trans10 Transported Waste: Not reported Date TSDF Received Waste: 07/25/2007 TSDF EPA Facility Name: Not reported QTY Units: Not reported Transporter SEQ ID: Not reported Transporter-1 Date: Not reported Waste SEQ ID: Not reported Not reported Waste Type Code 2: Not reported Waste Type Code 3: Waste Type Code 4: Not reported Not reported Waste Type Code 5: Not reported Waste Type Code 6: Date Accepted: Not reported Manifest Discrepancy Type: Not reported

Not reported

Data Entry Number:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

S108794258

Was Load Rejected: MANASSAS 22110 Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported Waste Code: D001 Hand Code: H06 50 P Quantity:

Manifest Year: Not reported Waste Code: F003 H06 Hand Code: 900 P Quantity:

Not reported Manifest Year: Waste Code: F003 H06 Hand Code: 50 P Quantity:

D16 **U.S. POST OFFICE** VA LUST \$103772033 8801 SUDLEY ROAD N/A

< 1/8 PRINCE WILLIAM, VA 20109

1 ft.

Site 5 of 5 in cluster D

Relative: LUST REG NO: Higher

NO Region: Facility ID: 3002142 Actual: Status: Closed 258 ft. Tank Size:

Not reported Product: Release Date: 08/13/1993 Closed Date: 12/20/1994

Case Type: Article 11/File Missing

Case Officer: Bill Von Till 94-0270 Pollution Complaint #: Permit Number: 0 Priority:

B17 PRINCE WILLIAM HOSPITAL **PA MANIFEST** S111773742 8700 SUDLEY RD N/A

< 1/8 MANASSAS, VA 20110

1 ft.

Site 5 of 5 in cluster B

Relative: Manifest Details: Higher Year:

011518673FLE Manifest Number: Actual: TSD Copy Manifest Type: 243 ft. Generator EPA Id: VAD988166427

Generator Date: 12/19/2017 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported

2017

Direction Distance Elevation

vation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

S111773742

EDR ID Number

Contact Phone: Not reported TSD EPA Id: Not reported TSD Date: Not reported

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

TSD Facility Address: 2869 Sandstone Dr

TSD Facility City: Hatfield TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1
Line Number: 1
Waste Number: D006
Container Number: 4

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 560
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017

Manifest Number: 010428343FLE TSD Copy Manifest Type: Generator EPA Id: VAD988166427 Generator Date: 04/13/2017 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported TSD EPA Id: Not reported TSD Date: Not reported

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

TSD Facility Address: 2869 Sandstone Dr

TSD Facility City: Hatfield TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1
Line Number: 2
Waste Number: D006
Container Number: 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 2

Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017

Manifest Number: 010428343FLE Manifest Type: TSD Copy Generator EPA Id: VAD988166427 Generator Date: 04/13/2017 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Not reported Contact Phone: TSD EPA Id: Not reported TSD Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

S111773742

EDR ID Number

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

TSD Facility Address: 2869 Sandstone Dr

TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported

Page Number: 1
Line Number: 1
Waste Number: D004
Container Number: 4

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 560
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017

Manifest Number: 010428343FLE Manifest Type: TSD Copy VAD988166427 Generator EPA Id: Generator Date: 04/13/2017 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported Not reported TSD EPA Id: TSD Date: Not reported

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

TSD Facility Address: 2869 Sandstone Dr

TSD Facility City: Hatfield TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1
Line Number: 3
Waste Number: D001
Container Number: 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 10
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017

Manifest Number: 010428343FLE Manifest Type: **TSD Copy** Generator EPA Id: VAD988166427 Generator Date: 04/13/2017 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported TSD EPA Id: Not reported TSD Date: Not reported

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

TSD Facility Address: 2869 Sandstone Dr

TSD Facility City: Hatfield

Direction Distance Elevation

ation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

S111773742

EDR ID Number

TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1
Line Number: 1
Waste Number: D006
Container Number: 4

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 560
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017

010438452FLE Manifest Number: Manifest Type: **TSD Copy** Generator EPA Id: VAD988166427 Generator Date: 08/15/2017 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported TSD EPA Id: Not reported TSD Date: Not reported

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

TSD Facility Address: 2869 Sandstone Dr

TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported

Page Number: 1
Line Number: 3
Waste Number: D001
Container Number: 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity:

Unit:
Pounds
Handling Code:
Not reported
TSP EPA Id:
PAD085690592
Date TSP Sig:
Not reported

Year: 2017

Manifest Number: 010438452FLE Manifest Type: TSD Copy Generator EPA Id: VAD988166427 Generator Date: 08/15/2017 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported TSD EPA Id: Not reported TSD Date: Not reported

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

TSD Facility Address: 2869 Sandstone Dr

TSD Facility City: Hatfield TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1

Direction Distance Elevation

evation Site Database(s) EPA ID Number

PRINCE WILLIAM HOSPITAL (Continued)

S111773742

EDR ID Number

Line Number: 2
Waste Number: D005
Container Number: 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 2
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017

Manifest Number: 011518673FLE TSD Copy Manifest Type: Generator EPA Id: VAD988166427 Generator Date: 12/19/2017 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported TSD EPA Id: Not reported TSD Date: Not reported

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

TSD Facility Address: 2869 Sandstone Dr

TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported

Page Number: 1
Line Number: 2
Waste Number: D005
Container Number: 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 2
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017

010438452FLE Manifest Number: Manifest Type: TSD Copy Generator EPA Id: VAD988166427 Generator Date: 08/15/2017 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported TSD EPA Id: Not reported TSD Date: Not reported

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

TSD Facility Address: 2869 Sandstone Dr

TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported

Page Number: 1
Line Number: 2
Waste Number: D004
Container Number: 1

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PRINCE WILLIAM HOSPITAL (Continued)

S111773742

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 2 Unit: Pounds Handling Code: Not reported PAD085690592 TSP EPA Id: Date TSP Sig: Not reported

Year: 2017

010438452FLE Manifest Number: Manifest Type: **TSD Copy** Generator EPA Id: VAD988166427 Generator Date: 08/15/2017 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported TSD EPA Id: Not reported TSD Date: Not reported

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

2869 Sandstone Dr TSD Facility Address:

TSD Facility City: Hatfield TSD Facility State: PΑ

Facility Telephone: Not reported

Page Number: Line Number: 2 Waste Number: D001 Container Number:

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: Unit: Pounds Handling Code: Not reported TSP EPA Id: PAD085690592 Date TSP Sig: Not reported

Click this hyperlink while viewing on your computer to access

19 additional PA_MANIFEST: record(s) in the EDR Site Report.

C18 STRATTON DOUGLAS B RESIDENCE ENE 8425 IMPALLA DR

MANASSAS, VA 20110 < 1/8

0.009 mi.

Site 3 of 3 in cluster C 49 ft.

Relative: LTANKS:

Higher STRATTON DOUGLAS B RESIDENCE Name: Address: 8425 IMPALLA DR Actual:

City,State,Zip: MANASSAS, VA 20110 211 ft. Region: NRO

200000857144 CEDS Facility Id: Case Status: Closed Pollution Complaint #: 20123163 Reported: 03/08/2012 09/10/2012 Case Closed Date: Program: RP Lead

Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν

VA LTANKS \$111866162

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

STRATTON DOUGLAS B RESIDENCE (Continued)

S111866162

Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: N Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Category 1

E19 **SUDLEY VALERO VA UST** U003682288 8536 SUDLEY RD **WSW VA Financial Assurance** N/A

< 1/8 MANASSAS, VA 20110

0.010 mi.

54 ft. Site 1 of 2 in cluster E

Relative: Facility: SUDLEY VALERO Lower Name:

Address: 8536 SUDLEY RD Actual: City,State,Zip: MANASSAS, VA 20110 190 ft.

Facility Id: 3025500 Facility Type: **GAS STATION** CEDS Facility ID: 200000194046

Owner:

Owner Id:

Brookwell Petroleum Limited Liability Corporation Owner Name:

8536 Sudley Rd Owner Address: Owner Address2: Not reported Owner City, State, Zip: Manassas, VA 20110 Owner Type: COMMERCIAL

Number of Active AST: 0 Number of Active UST: 2 Number of Inactive AST: 0 Number of Inactive UST: 0

Owner Id: 37533

Owner Name: NZMD INTERNATIONAL, INC Owner Address: 6301 DUNNAWAY COURT

Owner Address2: Not reported MCLEAN, VA 22101 Owner City, State, Zip: COMMERCIAL Owner Type:

Number of Active AST: 0 Number of Active UST: 2 Number of Inactive AST: 0 Number of Inactive UST: 0

UST:

Facility ID: 3025500 Federally Regulated: Yes

Tank Number: 1 Tank Capacity: 12000 Tank Contents: **GASOLINE Tank Status: CURR IN USE**

Tank Type: UST

Direction Distance Elevation

EDR ID Number
Site Database(s) EPA ID Number

SUDLEY VALERO (Continued)

U003682288

Tan	レ N /	lata	rial	ŀ
ran	N IV	iale	IIIa	١.

3/1/1996 Install Date: Tank Materials: Bare Steel Nο Tank Materials: Cath Protect Steel No Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite Yes Tank Materials: Double Walled Yes Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket Nο Tank Materials: Repaired No Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge Yes Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon Nο Tank Release Detection: Spill Install Yes Tank Release Detection: Overfill Install Yes Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method

Tank Release Detection: Other Note 0.2 gph CSLD monthly test

Pipe Release Detection: Leak Deferred Not reported Pipe Release Detection: Autoleak Not reported

Pipe Release Detection: Line Tightness
Pipe Release Detection: Stat Invent Recon
Pipe Release Detection: Groundwater
Pipe Release Detection: Int Sec Containment
Pipe Release Detection: Other Method
No

Pipe Release Detection: Other Note new piping installed 8/14/12

Pipe Type: PRESSURE

Pipe Materials: Bare Steel No Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass No Pipe Materials: Cath Protect No Pipe Materials: Double Walled Yes Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other Yes

Pipe Materials: Other Note Polyflexible Piping replaced 8/14/12 using existing pipe chase

Direction Distance Elevation

on Site Database(s) EPA ID Number

SUDLEY VALERO (Continued)

U003682288

EDR ID Number

Facility ID: 3025500 Federally Regulated: Yes

Tank Number: 2
Tank Capacity: 12000
Tank Contents: GASOLINE
Tank Status: CURR IN USE

Tank Type: UST

Tank Material:

3/1/1996 Install Date: Tank Materials: Bare Steel No Tank Materials: Cath Protect Steel Nο Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite Yes Tank Materials: Double Walled Yes Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No No Tank Materials: Repaired Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge Yes Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install Yes Tank Release Detection: Overfill Install Yes Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note 0.2 gph monthly CSLD test

Pipe Release Detection: Leak Deferred Not reported Not reported Not reported

Pipe Release Detection: Line Tightness

Pipe Release Detection: Stat Invent Recon

Pipe Release Detection: Groundwater

Pipe Release Detection: Int Sec Containment

Pipe Release Det: Interior Double Walled

Pipe Release Detection: Other Method

No

Pipe Release Detection: Other Note new piping installed 8/14/12

Pipe Type: PRESSURE

Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper No
Pipe Materials: Fiberglass No
Pipe Materials: Cath Protect No

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SUDLEY VALERO (Continued) U003682288

Pipe Materials: Double Walled Yes Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other Yes

Pipe Materials: Other Note "Polyflexoble (new piping replaced on 8/14/12 using existing pipe chase, no clsoure ass

VA Financial Assurance 1:

Name: SUDLEY VALERO Address: 8536 SUDLEY RD City, State, Zip: MANASSAS, VA 20110

Facility ID: 3025500

Owner Name: **Brookwell Petroleum Limited Liability Corporation**

ROF Own Id: 42876 UST Tank Type: Mechanism: Not reported Gallonage: Not reported Per Occurence: Not reported Third Party: Not reported Annual Aggregate: Not reported In Compliance: Not reported Total Capacity: 12000

CEDS Facility Name: Sudley Citgo - Sudley Auto Repair

Tank Status: **CURR IN USE**

Active Federally Regualted UST: Y

Name: SUDLEY VALERO Address: 8536 SUDLEY RD City,State,Zip: MANASSAS, VA 20110

Facility ID: 3025500

Owner Name: **Brookwell Petroleum Limited Liability Corporation**

ROF Own Id: 42876 Tank Type: UST Mechanism: Not reported Gallonage: Not reported Per Occurence: Not reported Third Party: Not reported Annual Aggregate: Not reported In Compliance: Not reported Total Capacity: 12000

CEDS Facility Name: Sudley Citgo - Sudley Auto Repair

Tank Status: **CURR IN USE**

Active Federally Regualted UST: Y

E20 **VALVOLINE** RCRA-VSQG 1004791792

WSW 8538 SUDLEY DR. **FINDS** VAR000501023 **ECHO**

< 1/8 MANASSAS, VA 20110

RCRA-VSQG:

0.012 mi.

Relative:

64 ft. Site 2 of 2 in cluster E

Lower Date form received by agency: 03/19/2001 VALVOLINE Facility name: Actual: Facility address: 8538 SUDLEY DR. 186 ft.

MANASSAS, VA 20110

EPA ID: VAR000501023

Direction Distance Elevation

Site **EPA ID Number** Database(s)

VALVOLINE (Continued) 1004791792

Mailing address: 888 WORCESTER ST. SUITE 80

WELLESLEY, MA 02482

DONALD SMITH Contact:

888 WORCESTER ST. SUITE 80 Contact address:

WELLESLEY, MA 02482

Contact country: US

781-235-9200 Contact telephone: Contact email: Not reported

EPA Region: 03

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

MIDATLANTIC LUBES Owner/operator name:

Owner/operator address: 888 WORCESTER ST. SUITE 80

WELLESLEY, MA 02482

Owner/operator country: Not reported Owner/operator telephone: 781-235-9200 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

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

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

VALVOLINE (Continued) 1004791792

Violation Status: No violations found

FINDS:

Registry ID: 110005292183

Environmental Interest/Information 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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

1004791792 Envid: Registry ID: 110005292183

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005292183

MANASSAS OFFICE CENTER III

MANASSAS OFFICE CENTER III S104897244 F21 VA LTANKS

ESE 8807 SUDLEY RD < 1/8 MANASSAS, VA 20110

0.028 mi.

Site 1 of 3 in cluster F 148 ft.

Relative: LTANKS: Higher Name:

Address: 8807 SUDLEY RD Actual: City,State,Zip: MANASSAS, VA 20110 264 ft.

NRO Region: CEDS Facility Id: 200000196788 Case Status: Closed

Pollution Complaint #: 20013056 09/06/2000 Reported: Case Closed Date: 06/08/2001 Program: RP Lead Federally Regulated UST (Y/N): Ν

Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): N Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Unknown Y/N:

Other Description: Not reported Heating Oil Category: Category 1

8807 SUDLEY ROAD PARTNERS LLC PROPERTY Name:

Address: 8807 SUDLEY RD City,State,Zip: MANASSAS, VA 20110 N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MANASSAS OFFICE CENTER III (Continued)

S104897244

Region: NRO

200000196788 CEDS Facility Id: Case Status: Closed Pollution Complaint #: 20183247 Reported: 06/07/2018 Case Closed Date: 06/19/2018 Program: RP Lead Federally Regulated UST (Y/N): Ν

Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Small Heating Oil AST (2): Ν Regulated AST (3): N Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N:

Other Description: Not reported

Heating Oil Category: NFA

F22 **MANASSAS OFFICE CENTER III** VA LUST \$105502414 N/A

ESE 8807 SUDLEY ROAD < 1/8 PRINCE WILLIAM, VA 20110

0.028 mi.

148 ft. Site 2 of 3 in cluster F

Relative: LUST REG NO:

Higher NO Region: Facility ID: 0 Actual: Status: Open 264 ft. Tank Size: 550

Product: heating oil Release Date: 09/06/2000 Closed Date: Not reported Case Type: Article 11 Case Officer: Randy Chapman 01-3056 Pollution Complaint #: Permit Number: Not reported Priority: Not reported

G23 **SERVICE STATION SUNOCO** RCRA NonGen / NLR 1000432638 VAD000754085 WNW 8521 SUDLEY RD **FINDS**

< 1/8 MANASSAS, VA 20109

0.035 mi.

184 ft. Site 1 of 2 in cluster G Relative: RCRA NonGen / NLR:

Lower Date form received by agency: 08/18/1980

Facility name: SERVICE STATION SUNOCO Actual:

Facility address: 8521 SUDLEY RD 202 ft.

MANASSAS, VA 22110 EPA ID: VAD000754085

Contact: DON GRAY Contact address: 8521 SUDLEY RD **ECHO**

Direction Distance

Elevation Site Database(s) EPA ID Number

SERVICE STATION SUNOCO (Continued)

1000432638

EDR ID Number

MANASSAS, VA 22110

Contact country: US

Contact telephone: 301-341-0100 Contact email: Not reported

EPA Region: 03

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999

Owner/operator country: Not reported Owner/operator telephone: 215-555-1212 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: SUN OIL COMPANY OF PENNSYLVANIA

Owner/operator address: OWNERSTREET

OWNERCITY, AK 99999

Owner/operator country: Not reported 215-555-1212 Owner/operator telephone: Owner/operator email: Not reported Owner/operator fax: Not reported Not reported Owner/operator extension: Private Legal status: Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SERVICE STATION SUNOCO (Continued)

1000432638

Waste code: D001

IGNITABLE WASTE Waste name:

Violation Status: No violations found

FINDS:

Registry ID: 110006454130

Environmental Interest/Information 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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

1000432638 Envid: Registry ID: 110006454130

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006454130

G24 JACKMANS SUNOCO SERVICE CENTER EDR Hist Auto 1020791665

WNW 8521 SUDLEY RD MANASSAS, VA 22110 < 1/8

0.035 mi.

184 ft. Site 2 of 2 in cluster G

Relative:

EDR Hist Auto

Lower

Year: Name: Type:

Actual: 1974 JACKMANS SUNOCO SERVICE CENTER Gasoline Service Stations 202 ft.

> 1975 JACKMANS SUNOCO SERVICE CENTER **Gasoline Service Stations** 1976 JACKMANS SUNOCO SERVICE CENTER Gasoline Service Stations JACKMANS SUNOCO SERVICE CENTER Gasoline Service Stations 1977 JACKMANS SUNOCO SERVICE CENTER Gasoline Service Stations 1978 1979 JACKMANS SUNOCO SERVICE CENTER Gasoline Service Stations 1980 JACKMANS SUNOCO SERVICE CENTER Gasoline Service Stations JACKMANS SUNOCO SERVICE CENTER 1982 Gasoline Service Stations

> 1983 JACKMANS SUNOCO SERVICE CENTER Gasoline Service Stations

H25 **BURGESS CAROLYN PROPERTY VA LTANKS**

East 8522 THOMAS DR

< 1/8 MANASSAS, VA 20110

0.036 mi.

189 ft. Site 1 of 2 in cluster H

Relative: LTANKS:

Higher **BURGESS CAROLYN PROPERTY** Name:

Address: 8522 THOMAS DR Actual: City,State,Zip: MANASSAS, VA 20110 219 ft.

NRO Region:

S106097146

N/A

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BURGESS CAROLYN PROPERTY (Continued)

S106097146

CEDS Facility Id: 200000212556 Case Status: Closed Pollution Complaint #: 20043054 Reported: 09/17/2003 Case Closed Date: 12/19/2003 RP Lead Program: Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): N Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Category 2

BRYNE TERENCE AND PAULA RESIDENCE

BRYNE TERENCE AND PAULA RESIDENCE 26

VA LTANKS S105860662

N/A

NNE 8422 IMPALLA DR < 1/8 MANASSAS, VA 20110

0.039 mi. 206 ft.

Relative: LTANKS: Lower Name:

Address: 8422 IMPALLA DR Actual: MANASSAS, VA 20110

City, State, Zip: 193 ft. Region: NRO

> CEDS Facility Id: 200000210954 Case Status: Closed Pollution Complaint #: 20033272 Reported: 05/06/2003 Case Closed Date: 11/20/2003 Program: RP Lead

Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): N Other Y/N: Ν Unknown Y/N:

Other Description:

Heating Oil Category: Category 2

Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

F27 CHIROPRACTIC HEALTH CLINIC RCRA NonGen / NLR 1000367949
ESE 9389 FORESTWOOD LANE FINDS VAD1104729

ESE 9389 FORESTWOOD LANE FINDS VAD110472917 < 1/8 MANASSAS, VA 20110 ECHO

0.048 mi.

253 ft. Site 3 of 3 in cluster F
Relative: RCRA NonGen / NLR:

Higher Date form received by agency: 07/06/2017

Actual: Facility name: CHIROPRACTIC HEALTH CLINIC 9389 FORESTWOOD LANE

MANASSAS, VA 20110

EPA ID: VAD110472917 Contact: LOUIS KOFF

Contact address: 9389 FORESTWOOD LANE

MANASSAS, VA 20110

Contact country: US

Contact telephone: 703-361-0251 Contact email: Not reported

EPA Region: 03

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET

OPERCITY, AK 99999

Owner/operator country: US

Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator

Owner/Op end date:

Owner/Op end date:

Owner/Op end date:

Operator

Not reported

Not reported

Owner/operator name: KOFF, LOUIS I Owner/operator address: OWNERSTREET

OWNERCITY, AK 99999

Owner/operator country: US

Owner/operator telephone: 215-555-1212 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET

OPERCITY, AK 99999

Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CHIROPRACTIC HEALTH CLINIC (Continued)

1000367949

Owner/Operator Type: Operator Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: KOFF, LOUIS I Owner/operator address: OWNERSTREET OWNERCITY, AK 99999

Owner/operator country: Not reported Owner/operator telephone: 215-555-1212 Owner/operator email: Not reported Owner/operator fax: Not reported Not reported Owner/operator extension: Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/04/1987

Site name: CHIROPRACTIC HEALTH CLINIC

Classification: **Small Quantity Generator**

Hazardous Waste Summary:

Waste code: D002

CORROSIVE WASTE Waste name:

Waste code: D011 Waste name: SILVER

Violation Status: No violations found

Evaluation Action Summary:

06/16/2017 Evaluation date:

Evaluation: FOCUSED COMPLIANCE INSPECTION

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Direction Distance

Elevation Site Database(s) EPA ID Number

CHIROPRACTIC HEALTH CLINIC (Continued)

1000367949

EDR ID Number

FINDS:

Registry ID: 110006454997

Environmental Interest/Information 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.

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000367949 Registry ID: 110006454997

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006454997

WIEDMEIER ROBERT J AND EDITH A PROPERTY

28 WIEDMEIER ROBERT J AND EDITH A PROPERTY

VA LTANKS \$120835358

N/A

ESE 8893 GRANT AVE < 1/8 MANASSAS, VA 20110

0.067 mi. 353 ft.

Relative: LTANKS: Higher Name:

 Actual:
 Address:
 8893 GRANT AVE

 256 ft.
 City,State,Zip:
 MANASSAS, VA 20110

 256 ft.
 City,State,Zip:
 MANASSAS, V

 Region:
 NRO

 CEDS Facility Id:
 200000885158

 Case Status:
 Closed

 Pollution Complaint #:
 20173436

 Reported:
 05/24/2017

 Case Closed Date:
 06/27/2017

 Program:
 RP Lead

 Federally Regulated UST (Y/N):
 N

Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Small Heating Oil AST (2): Ν Regulated AST (3): N Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N:

Other Description: Not reported

Heating Oil Category: NFA

Direction Distance

Elevation Site Database(s) EPA ID Number

H29 DAFFAN LAND LIMITED LIABILITY CORPORATION PROPERTY VA LTANKS S107615122
East 8521 THOMAS DR N/A

DAFFAN LAND LIMITED LIABILITY CORPORATION PROPERTY

East 8521 THOMAS DR < 1/8 MANASSAS, VA 20110

0.073 mi.

387 ft. Site 2 of 2 in cluster H

Relative: LTANKS: Higher Name:

 Actual:
 Address:
 8521 THOMAS DR

 208 ft.
 City,State,Zip:
 MANASSAS, VA 20110

208 ft. City,State,Zip: MAN,
Region: NRO

 CEDS Facility Id:
 200000222839

 Case Status:
 Closed

 Pollution Complaint #:
 20063135

 Reported:
 12/01/2005

 Case Closed Date:
 04/07/2006

Program: RP Lead Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: N Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Category 1

2010

I30 IBM CORP PA MANIFEST S111773865
ENE 8417 SUNSET DRIVE PA MANIFEST N/A

< 1/8 MANASSAS, VA 20110

0.081 mi.

429 ft. Site 1 of 2 in cluster I

Relative: Manifest Details: Higher Year:

 Actual:
 Manifest Number:
 002228879JJK

 221 ft.
 Manifest Type:
 TSD Copy

 Generator EPA Id:
 VAR000518316

 Generator Date:
 03/09/2010

Generator Date: 03/09/2010
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL

TSD EPA Id: PAD000736942
TSD Date: Not reported

TSD Facility Name: CALGON CARBON CORP

TSD Facility Address: 200 NEVILLE RD TSD Facility City: NEVILLE ISLAND

TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1
Line Number: 1
Waste Number: F002
Container Number: 1

Container Type: Cargo tanks (tank trucks)

Direction Distance

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

IBM CORP (Continued) S111773865

Waste Quantity: 39000
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

I31 PW-07 GROUNDWATER TREATMENT FACILITY RCRA-VSQG 1012189112

ENE 8417 SUNSET DRIVE < 1/8 MANASSAS, VA 20109

0.081 mi.

429 ft. Site 2 of 2 in cluster I

Relative: RCRA-VSQG:

Higher Date form received by agency: 12/19/2018

Actual: Facility name: PW-07 GROUNDWATER TREATMENT FACILITY

221 ft. Facility address: 8417 SUNSET DRIVE

MANASSAS, VA 20109

EPA ID: VAR000518316
Mailing address: WELLINGTON ROAD
MANASSAS, VA. 20100

MANASSAS, VA 20109

Contact: DEAN W CHARTRAND
Contact address: WELLINGTON ROAD

MANASSAS, VA 20109

Contact country: US

Contact telephone: 703-257-2583

Contact email: CHARTD@US.IBM.COM

EPA Region: 03

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

the cleanup of a spill, into of off any land of water, of

hazardous waste

Owner/Operator Summary:

Owner/operator name: PRINCE WILLIAM COUNTY SERVICE AUTHORITY

Owner/operator address: COUNTY COMPLEX COURT WOODBRIDGE, VA 22192

Owner/operator country: US

Owner/operator telephone: 703-335-7900 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Other Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

VAR000518316

Direction Distance

Elevation Site Database(s) EPA ID Number

PW-07 GROUNDWATER TREATMENT FACILITY (Continued)

1012189112

EDR ID Number

Owner/operator name: IBM CORPORATION Owner/operator address: WELLINGTON ROAD

MANASSAS, VA 20109

Owner/operator country: US

Owner/operator telephone: 703-257-2583

Owner/operator email: CHARTD@US.IMB.COM

Owner/operator fax: 703-257-0712
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/31/2004
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 05/23/2018

Site name: PW-07 GROUNDWATER TREATMENT FACILITY

Classification: Large Quantity Generator

Date form received by agency: 05/12/2016

Site name: IBM CORPORATION

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/30/2012

Site name: IBM CORPORATION

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/15/2012

Site name: IBM CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 11/10/2009

Site name: IBM CORPORATION

Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D039

. Waste name: TETRACHLOROETHYLENE

Direction Distance

Elevation Site Database(s) **EPA ID Number**

PW-07 GROUNDWATER TREATMENT FACILITY (Continued)

1012189112

S105174558

N/A

EDR ID Number

Waste code: F002

THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, Waste name:

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,

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

SPENT SOLVENT MIXTURES.

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

LAWS H LAYTON JR RESIDENCE

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND

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

SPENT SOLVENT MIXTURES.

Amount (Lbs): 38000

Violation Status: No violations found

32 LAWS H LAYTON JR RESIDENCE **VA LTANKS**

NE 8415 IMPALLA DR MANASSAS, VA 20110 < 1/8

0.119 mi. 630 ft.

Relative: LTANKS: Higher Name:

Address: 8415 IMPALLA DR Actual: City,State,Zip: MANASSAS, VA 20110 210 ft.

Region: NRO

CEDS Facility Id: 200000205083 Case Status: Closed Pollution Complaint #: 20023113

Reported: 11/16/2001 Case Closed Date: 03/13/2002 Program: RP Lead

Federally Regulated UST (Y/N): N Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: N

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LAWS H LAYTON JR RESIDENCE (Continued)

S105174558

Unknown Y/N:

Not reported Other Description: Heating Oil Category: Category 2

J33 **DELCANO CAMILLO P AND ELIZABETH PROPERTY** VA UST U003917727 NW

8509 BARRETT DR N/A

1/8-1/4 MANASSAS, VA 20109

0.129 mi.

682 ft. Site 1 of 2 in cluster J

Relative: Facility:

Lower DELCANO CAMILLO P AND ELIZABETH PROPERTY Name:

Address: 8509 BARRETT DR Actual: City,State,Zip: MANASSAS, VA 20109 193 ft.

Facility Id: 3038928 Facility Type: **COMMERCIAL** CEDS Facility ID: 200000206771

Owner:

Owner Id: 41379

Owner Name: delCano Camillo P and Elizabeth

Owner Address: 6720 Buglecall PI Owner Address2: Not reported

Gainesville, VA 20155 Owner City, State, Zip:

Owner Type: COMMERCIAL

Number of Active AST: 0 Number of Active UST: 0 Number of Inactive AST: 0 Number of Inactive UST: 3

UST:

3038928 Facility ID: Federally Regulated: Yes

Tank Number: 1 Tank Capacity: 1000 Tank Contents: DIESEL

REM FROM GRD Tank Status:

Tank Type: UST

Tank Material:

Install Date: Not reported

Tank Materials: Bare Steel Yes Tank Materials: Cath Protect Steel No Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite No Tank Materials: Double Walled No Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired No Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

DELCANO CAMILLO P AND ELIZABETH PROPERTY (Continued)

U003917727

EDR ID Number

Release Detection:
Tank Release D

ank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge No Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install No Tank Release Detection: Overfill Install No Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment Nο Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note Not reported

Pipe Release Detection: Leak Deferred No

Pipe Release Detection: Autoleak Not reported

Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: NO VALVE SUCTION

Pipe Materials: Bare Steel Yes Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass No Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Not reported

Facility ID: 3038928 Federally Regulated: Yes

Tank Number: 2
Tank Capacity: 500
Tank Contents: DIESEL

Tank Status: REM FROM GRD

Tank Type: UST

Tank Material:

Install Date: Not reported

Tank Materials: Bare Steel Yes
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No

Direction Distance Elevation

Site Database(s) EPA ID Number

DELCANO CAMILLO P AND ELIZABETH PROPERTY (Continued)

U003917727

EDR ID Number

Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge No Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install No Tank Release Detection: Overfill Install No Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled Nο Tank Release Detection: Other Method No

Tank Release Detection: Other Note Not reported

Pipe Release Detection: Leak Deferred No

Pipe Release Detection: Autoleak Not reported

Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: NO VALVE SUCTION

Pipe Materials: Bare Steel Yes Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass No Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Not reported

Facility ID: 3038928 Federally Regulated: Yes

Tank Number: 3
Tank Capacity: 500

Tank Contents: GASOLINE
Tank Status: REM FROM GRD

Tank Type: UST

Tank Material:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

DELCANO CAMILLO P AND ELIZABETH PROPERTY (Continued)

U003917727

Install Date:	Not reported
=	•
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge No Tank Release Detection:Tank Tightness Nο Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install No Tank Release Detection: Overfill Install No Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note Not reported

Pipe Release Detection: Leak Deferred No

Pipe Release Detection: Autoleak Not reported

Pipe Release Detection: Line Tightness No Pipe Release Detection: Stat Invent Recon No Pipe Release Detection: Groundwater No Pipe Release Detection: Int Sec Containment No Pipe Release Det: Interior Double Walled No Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: NO VALVE SUCTION

Pipe Materials: Bare Steel Yes Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass No Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Not reported

Direction Distance

Distance EDR ID Number

Elevation Site EDA ID Number

J34 DEL CANO CAMILO P AND ELIZABETH PROPERTY VA LTANKS S105566655 NW 8509 BARRETT DR N/A

NW 8509 BARRETT DR 1/8-1/4 MANASSAS, VA 20109

0.129 mi.

682 ft. Site 2 of 2 in cluster J

Relative: LTANKS:

Lower Name: DEL CANO CAMILO P AND ELIZABETH PROPERTY

 Actual:
 Address:
 8509 BARRETT DR

 193 ft.
 City,State,Zip:
 MANASSAS, VA 20109

Region: NRO

 CEDS Facility Id:
 200000206771

 Case Status:
 Closed

 Pollution Complaint #:
 20023247

 Reported:
 06/03/2002

 Case Closed Date:
 07/16/2002

 Program:
 RP Lead

Federally Regulated UST (Y/N): Regulated Petroleum UST (1): Υ Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Ν Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Not reported

Ν

35 MORAN JOSE AND MARIA RESIDENCE

ENE 8502 ROLLING RD 1/8-1/4 MANASSAS, VA 20110

Other Y/N:

0.142 mi. 752 ft.

 Relative:
 LTANKS:

 Higher
 Name:

 MORAN JOSE AND MARIA RESIDENCE

 Actual:
 Address:
 8502 ROLLING RD

 213 ft.
 City,State,Zip:
 MANASSAS, VA 20110

Region: NRO

 CEDS Facility Id:
 200000219181

 Case Status:
 Closed

 Pollution Complaint #:
 20053189

 Reported:
 01/26/2005

 Case Closed Date:
 08/30/2006

 Program:
 RP Lead

Federally Regulated UST (Y/N): N Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): N Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν

VA LTANKS

S106850223

N/A

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

MORAN JOSE AND MARIA RESIDENCE (Continued)

Unknown Y/N:

Other Description: Not reported Heating Oil Category: Category 3

36 DAUBERT WILLIAM B AND MELISSA L RESIDENCE VA LTANKS \$116162579

ESE 8900 WEIR ST N/A

1/8-1/4 MANASSAS, VA 20110

0.144 mi. 758 ft.

Relative: LTANKS:

Higher Name: DAUBERT WILLIAM B AND MELISSA L RESIDENCE

Actual: Address: 8900 WEIR ST

271 ft. City,State,Zip: MANASSAS, VA 20110

Region: NRO

 CEDS Facility Id:
 200000873675

 Case Status:
 Closed

 Pollution Complaint #:
 20143114

 Reported:
 01/13/2014

 Case Closed Date:
 02/06/2017

 Program:
 RP Lead

Federally Regulated UST (Y/N):

Regulated Petroleum UST (1):

Excluded UST (1):

N

Deferred UST (1):

Partially Deferred UST (1):

Exempt 1 UST (2):

N

Exempt 2 Heating Oil UST (2):

Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N

Other Description: Not reported Heating Oil Category: Category 3

37 SMITH TED PROPERTY VA LTANKS S106097127 ESE 8885 GRANT AVE N/A

1/8-1/4 MANASSAS, VA 22110

0.152 mi. 804 ft.

Relative: LTANKS: Higher Name:

 Higher
 Name:
 SMITH TED PROPERTY

 Actual:
 Address:
 8885 GRANT AVE

 246 ft.
 City,State,Zip:
 MANASSAS, VA 22110

Region: NRO CEDS Facility Id: 200000212436

 Case Status:
 Closed

 Pollution Complaint #:
 20043048

 Reported:
 09/23/2003

 Case Closed Date:
 11/12/2003

 Program:
 RP Lead

Federally Regulated UST (Y/N):

Regulated Petroleum UST (1):

N

Excluded UST (1):

N

S106850223

Direction Distance

Elevation Site Database(s) EPA ID Number

SMITH TED PROPERTY (Continued)

S106097127

EDR ID Number

Deferred UST (1):

Partially Deferred UST (1):

Exempt 1 UST (2):

Exempt 2 Heating Oil UST (2):

Small Heating Oil AST (2):

Regulated AST (3):

Unregulated AST (3):

N

Other Y/N:

Unknown Y/N:

N

Other Description: Not reported Heating Oil Category: Category 2

38 CITY OF MANASSAS - POWER GENERATION

VA AST S122853970 VA AIRS N/A

SE 9100 DIGGES ROAD 1/8-1/4 MANASSAS, VA 20110

0.155 mi. 819 ft.

Relative: AST:

 Higher
 Facility ID:
 3043708

 Actual:
 Facility Type:
 LOCAL

 228 ft.
 CEDS Facility ID:
 200000886222

Tank Info:

Owner:

Owner Id: 36616

Owner Name: City of Manassas
Owner Address: 8500 Public Works Dr

Owner Address2: Not reported

Owner City/State/Zip: Manassas, VA 20110

Owner Type: LOCAL
Number of Active AST: 3
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 0

Fed Regulated:

Tank Number:

Daytank1

Tank Type:

AST

Tank Capacity:

Tank Contents:

DIESEL

Tank Status:

No

Daytank1

1200

CURR IN USE

Tank Containment:

Install Date: 3/27/2019 Containment: Curbing No Containment: Weirs No Containment: Sorbent No Containment: Culvert No Containment: Diversion No Containment: Retention No Containment: Dike No Containment: Unknown No Containment: Other No

Containment: Other Note Not reported

Release Detection:

Release Detection: Ground Water No

Direction
Distance
Elevation

ce EDR ID Number on Site Database(s) EPA ID Number

CITY OF MANASSAS - POWER GENERATION (Continued)

S122853970

Release Detection: Visual Yes
Release Detection: Vapor No
Release Detection: Interstitial No
Release Detection: None No
Release Detection: Other No

Release Prevention: Double Bottom No Release Prevention: Double Walled No

Release Prevention: Lined Interior Not reported

Release Prevention: Poly Jacket No Release Prevention: Exc Liner No Release Prevention: None No Release Prevention: Unknown No Release Prevention: Other No

Release Prevention: Other Note Not reported

Tank Foundation: Steel No
Tank Foundation: Earthen No
Tank Foundation: Concrete Imp
Tank Foundation: Unknown No
Tank Foundation: Other No

Tank Foundation: Other Note Not reported

Tank Roof: Float No Tank Roof: Cone No

Tank Roof: Breather Not reported
Tank Roof: Dbldeck Not reported
Tank Roof: Pontoon Not reported
Tank Roof: Balloon Not reported
Tank Roof: Lifter Not reported
Tank Roof: Pan Not reported

Tank Roof: Other No

Tank Roof: Other Note Not reported

Tank Material:

Tank Materials: Bare Steel Yes
Tank Materials: Concrete No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Unknown No
Tank Materials: Other No

Tank Materials: Other Note Not reported

Tank Type Cathodic/CP: Ν Tank Type Single Wall: Ν Tank Type Double Wall: Ν Tank Type Lined Interior: Ν Tank Type Double Bottom: Ν Tank Type Potable/Skid: Ν Tank Type Shop Fabricated/Built: Ν Tank Type Vaulted Below Grade: Ν Tank Type Vertical: Ν Tank Type Horizontal: Ν Tank Type Unknown: Ν Tank Type Other: Ν Tank Type Other Specify: Ν

Owner:

MAP FINDINGS Map ID Direction

Distance Elevation

Site Database(s) **EPA ID Number**

CITY OF MANASSAS - POWER GENERATION (Continued)

S122853970

EDR ID Number

Owner Id: 36616

Owner Name: City of Manassas Owner Address: 8500 Public Works Dr Owner Address2: Not reported

Owner City/State/Zip: Manassas, VA 20110

Owner Type: LOCAL Number of Active AST: 3 Number of Active UST: 0 Number of Inactive AST: 0 Number of Inactive UST: 0

Fed Regulated: No Tank Number: Daytank2 Tank Type: AST Tank Capacity: 1200 Tank Contents: DIESEL Tank Status: **CURR IN USE**

Tank Containment:

3/27/2019 Install Date: Containment: Curbing No Containment: Weirs No Containment: Sorbent No Containment: Culvert No Containment: Diversion No Containment: Retention No Containment: Dike No Containment: Unknown No Containment: Other No

Containment: Other Note Not reported

Release Detection:

Release Detection: Ground Water No Release Detection: Visual Yes Release Detection: Vapor No Release Detection: Interstitial No Release Detection: None No Release Detection: Other No

Release Detection: Other Note Not reported

Release Prevention: Double Bottom No Release Prevention: Double Walled No

Release Prevention: Lined Interior Not reported

Release Prevention: Poly Jacket No Release Prevention: Exc Liner No Release Prevention: None No Release Prevention: Unknown No Release Prevention: Other No

Release Prevention: Other Note Not reported

Tank Foundation: Steel No Tank Foundation: Earthen No Tank Foundation: Concrete Imp Yes Tank Foundation: Unknown No Tank Foundation: Other No

Tank Foundation: Other Note Not reported

Tank Roof: Float No Tank Roof: Cone No

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CITY OF MANASSAS - POWER GENERATION (Continued)

S122853970

Tank Roof: Breather Not reported Tank Roof: Dbldeck Not reported Tank Roof: Pontoon Not reported Tank Roof: Balloon Not reported Tank Roof: Lifter Not reported Not reported Tank Roof: Pan

Tank Roof: Other No

Tank Roof: Other Note Not reported

Tank Material:

Tank Materials: Bare Steel Yes Tank Materials: Concrete No Tank Materials: Insulated Tank Jacket No Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Tank Type Cathodic/CP: Ν Tank Type Single Wall: Ν Tank Type Double Wall: Ν Tank Type Lined Interior: Ν Tank Type Double Bottom: Ν Tank Type Potable/Skid: Ν Tank Type Shop Fabricated/Built: Ν Tank Type Vaulted Below Grade: Ν Tank Type Vertical: Ν Tank Type Horizontal: Ν Tank Type Unknown: Ν Tank Type Other: Ν Tank Type Other Specify: Ν

Owner:

Owner Id: 36616

City of Manassas Owner Name: 8500 Public Works Dr Owner Address: Owner Address2:

Not reported

Owner City/State/Zip: Manassas, VA 20110

Owner Type: LOCAL Number of Active AST: 3 Number of Active UST: 0 Number of Inactive AST: 0 Number of Inactive UST: 0

Fed Regulated: No Tank Number: MC1 Tank Type: AST Tank Capacity: 5000 Tank Contents: DIESEL Tank Status: **CURR IN USE**

Tank Containment:

Install Date: 3/27/2019 Containment: Curbing No Containment: Weirs No Containment: Sorbent No Containment: Culvert No

Direction Distance Elevation

EDR ID Number Site Database(s) **EPA ID Number**

CITY OF MANASSAS - POWER GENERATION (Continued)

S122853970

Containment: Diversion No Containment: Retention No Containment: Dike No Containment: Unknown No Containment: Other No

Containment: Other Note Not reported

Release Detection:

Release Detection: Ground Water No Release Detection: Visual Yes Release Detection: Vapor No Release Detection: Interstitial No Release Detection: None No Release Detection: Other No

Release Detection: Other Note Not reported

Release Prevention: Double Bottom No Release Prevention: Double Walled No

Release Prevention: Lined Interior Not reported

Release Prevention: Poly Jacket No Release Prevention: Exc Liner No Release Prevention: None No Release Prevention: Unknown Nο Release Prevention: Other No

Release Prevention: Other Note Not reported

Tank Foundation: Steel No Tank Foundation: Earthen No Tank Foundation: Concrete Imp Yes Tank Foundation: Unknown No Tank Foundation: Other No

Tank Foundation: Other Note Not reported

Tank Roof: Float No Tank Roof: Cone No

Tank Roof: Breather Not reported Tank Roof: Dbldeck Not reported Not reported Tank Roof: Pontoon Tank Roof: Balloon Not reported Tank Roof: Lifter Not reported Tank Roof: Pan Not reported

Tank Roof: Other No

Tank Roof: Other Note Not reported

Tank Material:

Tank Materials: Bare Steel Yes Tank Materials: Concrete No Tank Materials: Insulated Tank Jacket No Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Tank Type Cathodic/CP: Ν Tank Type Single Wall: Ν Tank Type Double Wall: Ν Tank Type Lined Interior: Ν Tank Type Double Bottom: Ν Tank Type Potable/Skid: Ν Tank Type Shop Fabricated/Built: Ν Tank Type Vaulted Below Grade: Ν

Direction Distance

Elevation Site Database(s) EPA ID Number

CITY OF MANASSAS - POWER GENERATION (Continued)

S122853970

EDR ID Number

Tank Type Vertical: N
Tank Type Horizontal: N
Tank Type Unknown: N
Tank Type Other: N
Tank Type Other Specify: N

AIRS:

Name: CITY OF MANASSAS - POWER GENERATION

Address: 9100 DIGGES ROAD
City,State,Zip: MANASSAS, VA 20110

Region: NRO
Registration Number: 74149
Contact First Name: James
Contact Last Name: Bower

Contact Title: Systems Operations & Generation Manager

Contact Phone: 7032578354
Latitude: Not reported
Longitude: Not reported
Lat Deg/Min/Sec Lon Deg/Min/Sec: Not reported

Mailing Address: 8500 Public Works Drive

Mailing City: Manassas
Mailing State: VA
Mailing Zip Code: 20110

Program Type: Article 6 - mNSR
Permit Type: MINOR-NOPUBINT

Issued Date: 06/29/2018 Operating Status: Planned

Contact Email: jbower@manassasva.gov

Owner ID: Not reported
Owner Name: Not reported
Owner Tele: Not reported

Facility Full Name: City of Manassas - Power Generation

ICIS Federal ID: VA0000005168374149

Currently Active (y/n):

Primary Permit Type Desc: Minor NSR Permit for Project or New Stationary Source without public

interest (9 VAC 5-80-1170 D4)

Permit Status: Issued

39 WALKER HAMILTON C RESIDENCE VA LTANKS \$107153060

ESE 8906 WEIR ST

1/8-1/4 MANASSAS, VA 20110

0.163 mi. 860 ft.

 Relative:
 LTANKS:

 Higher
 Name:

 WALKER HAMILTON C RESIDENCE

 Actual:
 Address:
 8906 WEIR ST

 277 ft.
 City,State,Zip:
 MANASSAS, VA 20110

Region: NRO

 CEDS Facility Id:
 200000221336

 Case Status:
 Closed

 Pollution Complaint #:
 20053291

 Reported:
 05/09/2005

 Case Closed Date:
 09/22/2005

 Program:
 RP Lead

N/A

Direction Distance

Elevation Site Database(s) **EPA ID Number**

WALKER HAMILTON C RESIDENCE (Continued)

S107153060

EDR ID Number

Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Category 1

Ν

Ν

Ν

40 **BRENNER AND MCGAUHEY RESIDENCE**

VA LTANKS S109848364 NE 8406 SUNSET DR N/A MANASSAS, VA 20110 1/8-1/4

0.163 mi. 861 ft.

Relative: LTANKS: BRENNER AND MCGAUHEY RESIDENCE Higher Name:

8406 SUNSET DR Address: Actual: City,State,Zip: MANASSAS, VA 20110-3816 211 ft.

Region: NRO

200000851477 CEDS Facility Id: Case Status: Closed Pollution Complaint #: 20093209 Reported: 06/04/2009 Case Closed Date: 08/03/2011 Program: RP Lead Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν

Other Description: Not reported Heating Oil Category: Category 3

Unregulated AST (3):

Other Y/N:

Unknown Y/N:

Direction Distance

Elevation Site Database(s) **EPA ID Number**

K41 **AGNEW, CHARLES RESIDENCE VA LUST** S104407269 NNE 8408 IMPALA DRIVE

N/A

S104896838

N/A

EDR ID Number

1/8-1/4 PRINCE WILLIAM, VA 20110

0.189 mi.

999 ft. Site 1 of 2 in cluster K

LUST REG NO: Relative:

Lower NO Region: Facility ID: 3900591 Actual: Status: Open 192 ft. Tank Size: 550 Product: heating oil

10/06/1997 Release Date: Not reported Closed Date: Article 11 Case Type: Case Officer: Randy Chapman Pollution Complaint #: 98-3570 Permit Number: Not reported

Priority: 3

K42 **AGNEW CHARLES RESIDENCE VA LTANKS**

8408 IMPALLA DR NNE 1/8-1/4 MANASSAS, VA 20110

0.189 mi.

999 ft. Site 2 of 2 in cluster K

LTANKS: Relative: Lower AGNEW CHARLES RESIDENCE Name:

Address: 8408 IMPALLA DR Actual: 192 ft. City,State,Zip: MANASSAS, VA 20110

> NRO Region:

CEDS Facility Id: 200000185793 Case Status: Closed Pollution Complaint #: 19983570 Reported: 10/06/1997 07/31/2002 Case Closed Date: RP Lead Program:

Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Category 3

Direction Distance

Elevation Site Database(s) EPA ID Number

L43 GOODYEAR AUTO SERVICE CTR - MANASSAS RCRA NonGen / NLR 1000194136

WNW 8435 SUDLEY RD FINDS VAD981743925 1/8-1/4 MANASSAS, VA 20109 ECHO

0.249 mi.

1316 ft. Site 1 of 3 in cluster L

Relative: RCRA NonGen / NLR:

Higher Date form received by agency: 05/15/2017

Actual: Facility name: GOODYEAR AUTO SERVICE CTR - MANASSAS

208 ft. Facility address: 8435 SUDLEY RD

MANASSAS, VA 20109

EPA ID: VAD981743925

Mailing address: 4625 HILLINS FERRY RD BALTIMORE, MD 21227

Contact: G. WHITE
Contact address: 8435 SUDLEY RD

MANASSAS, VA 22110

Contact country: US

Contact telephone: 301-247-0900 Contact email: Not reported

EPA Region: 03

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET

OPERCITY, AK 99999

Owner/operator country: US

Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GOODYEAR T & R CO
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999

Owner/operator country: US

Owner/Op end date:

Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET

OPERCITY, AK 99999

Not reported

Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported

Direction Distance Elevation

ation Site Database(s) EPA ID Number

GOODYEAR AUTO SERVICE CTR - MANASSAS (Continued)

1000194136

EDR ID Number

Owner/operator extension:
Legal status:
Owner/Operator Type:
Owner/Op start date:
Owner/Op end date:
Not reported
Not reported
Not reported

Owner/operator name: GOODYEAR T & R CO
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999

Owner/operator country: Not reported Owner/operator telephone: 215-555-1212 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 11/06/1986

Site name: GOODYEAR AUTO SERVICE CTR - MANASSAS

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE WASTE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 04/06/2017

Evaluation: FOCUSED COMPLIANCE INSPECTION

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GOODYEAR AUTO SERVICE CTR - MANASSAS (Continued)

1000194136

VA LTANKS \$107152837

N/A

FINDS:

Registry ID: 110006455610

Environmental Interest/Information 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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000194136 Registry ID: 110006455610

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006455610

CHILDRESS JUNE RESIDENCE 44

Unknown Y/N:

NNE 8400 IMPALLA DR 1/4-1/2 MANASSAS, VA 20110

0.255 mi. 1346 ft.

Relative: LTANKS:

Lower Name: CHILDRESS JUNE RESIDENCE

Address: 8400 IMPALLA DR Actual: City, State, Zip: MANASSAS, VA 20110 192 ft.

> Region: NRO CEDS Facility Id: 200000221521 Case Status: Closed Pollution Complaint #: 20053306 Reported: 06/22/2005 Case Closed Date: 08/15/2006

Program: RP Lead Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Ν Small Heating Oil AST (2): Υ Regulated AST (3): N Unregulated AST (3): Ν Other Y/N: Ν

Other Description: Not reported Heating Oil Category: Category 2

Direction Distance

Elevation Site Database(s) **EPA ID Number**

L45 **AMOCO #824 VA LUST** S105983596 8400 SUDLEY ROAD

N/A

EDR ID Number

WNW PRINCE WILLIAM, VA 20109 1/4-1/2

0.264 mi.

1396 ft. Site 2 of 3 in cluster L

LUST REG NO: Relative: Higher Region:

NO Facility ID: 3003701 Actual: Status: Closed 212 ft. Tank Size:

> Product: Not reported 10/24/1994 Release Date: 2/3/1995 Closed Date: Article 9 Case Type: Case Officer: Randy Chapman

Pollution Complaint #: 95-4099 Permit Number: 0 Priority:

L46 **AMOCO 824 VA LTANKS** S104897083 WNW 8400 SUDLEY RD N/A

1/4-1/2 MANASSAS, VA 20109

0.264 mi.

1396 ft. Site 3 of 3 in cluster L

LTANKS: Relative: Higher Name: AMOCO 824 Address: 8400 SUDLEY RD Actual: 212 ft. City,State,Zip: MANASSAS, VA 20109

> NRO Region:

CEDS Facility Id: 200000193834 Case Status: Closed 19954099 Pollution Complaint #: Reported: 08/08/1994 Case Closed Date: 02/03/1995 RP Lead Program:

Federally Regulated UST (Y/N): Regulated Petroleum UST (1): Υ Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Ν Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

M47 MANAPORT AUTOMOTIVE VA LTANKS S104895781
NW 8375 SUDLEY RD N/A

NW 8375 SUDLEY RD 1/4-1/2 MANASSAS, VA 20110

0.323 mi.

1703 ft. Site 1 of 3 in cluster M

Relative: LTANKS:
Higher Name: MANAPORT AUTOMOTIVE

 Actual:
 Address:
 8375 SUDLEY RD

 214 ft.
 City,State,Zip:
 MANASSAS, VA 20110

Region: NRO CEDS Facility Id: 20000

 CEDS Facility Id:
 200000088053

 Case Status:
 Closed

 Pollution Complaint #:
 19941241

 Reported:
 12/09/1993

 Case Closed Date:
 11/05/2002

 Program:
 RP Lead

Federally Regulated UST (Y/N): Regulated Petroleum UST (1): Υ Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Ν Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Not reported

M48 MANAPORT AUTOMOTIVE VA LUST S105983526 NW 8375 SUDLEY ROAD N/A

NW 8375 SUDLEY ROAD 1/4-1/2 PRINCE WILLIAM, VA 20109

0.323 mi.

1703 ft. Site 2 of 3 in cluster M

 Relative:
 LUST REG NO:

 Higher
 Region:
 NO

 Actual:
 Facility ID:
 3000187

 214 ft.
 Status:
 Open

Tank Size: 0

Product: Not reported
Release Date: 12/09/1993
Closed Date: Not reported
Case Type: Article 9
Case Officer: Randy Chapman

Pollution Complaint #: 94-1241
Permit Number: 0
Priority: -

Direction Distance

Elevation Site Database(s) EPA ID Number

49 HIBBS FRANCES G RESIDENCE VA LTANKS S123422882 SE 9649 PARK ST N/A

SE 9649 PARK ST 1/4-1/2 MANASSAS, VA 20110

0.327 mi. 1728 ft.

Relative: LTANKS:
Higher Name: HIBBS FRANCES G RESIDENCE

 Actual:
 Address:
 9649 PARK ST

 263 ft.
 City,State,Zip:
 MANASSAS, VA 20110-4346

Region: NRO

 CEDS Facility Id:
 200000888258

 Case Status:
 Closed

 Pollution Complaint #:
 20193099

 Reported:
 12/07/2018

 Case Closed Date:
 12/28/2018

 Program:
 RP Lead

 Federally Regulated UST (Y/N):
 N

Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported

Heating Oil Category: NFA

M50 EXXON #2-5586 VA LUST S103458820 NW 8317 SUDLEY ROAD N/A

NW 8317 SUDLEY ROAD 1/4-1/2 PRINCE WILLIAM, VA 0

0.361 mi.

Relative:

1906 ft. Site 3 of 3 in cluster M

 Higher
 Region:
 NO

 Actual:
 Facility ID:
 3010054

 217 ft.
 Status:
 Closed

LUST REG NO:

Priority:

Status: Closed
Tank Size: 0
Product: Not reported

Release Date: 05/17/1993
Closed Date: 8/8/1994
Case Type: Article 9
Case Officer: Lewis E. Hilder
Pollution Complaint #: 93-2288
Permit Number: 0

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Direction Distance

Elevation Site Database(s) EPA ID Number

51 SUMNER LAKE VA LTANKS S104897292
ENE 8405 PLANTATION LN N/A

ENE 8405 PLANTATION LN 1/4-1/2 MANASSAS, VA 20110

0.366 mi. 1933 ft.

 Relative:
 LTANKS:

 Higher
 Name:
 SUMNER LAKE

 Actual:
 Address:
 8405 PLANTATION LN

 243 ft.
 City,State,Zip:
 MANASSAS, VA 20110

Region: NRO

 CEDS Facility Id:
 200000198088

 Case Status:
 Closed

 Pollution Complaint #:
 20013105

 Reported:
 10/11/2000

 Case Closed Date:
 01/08/2001

 Program:
 RP Lead

 Federally Regulated LIST (V/N):
 N

Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Category 2

HESS 46215 VA LTANKS U003948121 8250 SUDLEY RD VA UST N/A

NRO

1/4-1/2 MANASSAS, VA 20109

0.434 mi.

N52

WNW

2294 ft. Site 1 of 2 in cluster N

Region:

 Relative:
 LTANKS:

 Higher
 Name:
 HESS 46215

 Actual:
 Address:
 8250 SUDLEY RD

 221 ft.
 City,State,Zip:
 MANASSAS, VA 20109

 CEDS Facility Id:
 200000077602

 Case Status:
 Closed

 Pollution Complaint #:
 20043036

 Reported:
 09/03/2003

Case Closed Date: 01/27/2004
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): Y

Excluded UST (1):

Deferred UST (1):

Partially Deferred UST (1):

Exempt 1 UST (2):

Exempt 2 Heating Oil UST (2):

Small Heating Oil AST (2):

Regulated AST (3):

N

Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N

VA Financial Assurance

Direction Distance Elevation

Site Database(s) EPA ID Number

HESS 46215 (Continued) U003948121

Unknown Y/N: N

Other Description: Not reported Heating Oil Category: Not reported

 Name:
 HESS 46215

 Address:
 8250 SUDLEY RD

 City, State, Zip:
 MANASSAS, VA 20109

Region: NRO

 CEDS Facility Id:
 200000077602

 Case Status:
 Closed

 Pollution Complaint #:
 19993147

 Reported:
 11/09/1998

 Case Closed Date:
 07/22/1999

 Program:
 RP Lead

Federally Regulated UST (Y/N): Regulated Petroleum UST (1): Υ Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Ν Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Not reported

 Name:
 HESS 46215

 Address:
 8250 SUDLEY RD

 City,State,Zip:
 MANASSAS, VA 20109

Region: NRO CEDS Facility Id: 20000077602

 Case Status:
 Closed

 Pollution Complaint #:
 19963073

 Reported:
 11/15/1995

 Case Closed Date:
 09/09/1996

 Program:
 RP Lead

 Federally Regulated UST (Y/N):
 Y

Regulated Petroleum UST (1): Υ Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Ν Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): N Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Not reported

 Name:
 HESS 46215

 Address:
 8250 SUDLEY RD

 City, State, Zip:
 MANASSAS, VA 20109

Map ID MAP FINDINGS

Direction Distance Elevation

Site Database(s) EPA ID Number

HESS 46215 (Continued) U003948121

Region: NRO

200000077602 CEDS Facility Id: Case Status: Closed Pollution Complaint #: 19942965 Reported: 03/18/1994 Case Closed Date: 10/28/1994 RP Lead Program: Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν

Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Ν Small Heating Oil AST (2): Ν Regulated AST (3): N Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N:

Other Description: Not reported Heating Oil Category: Not reported

 Name:
 HESS 46215

 Address:
 8250 SUDLEY RD

 City, State, Zip:
 MANASSAS, VA 20109

Region: NRO

 CEDS Facility Id:
 200000077602

 Case Status:
 Closed

 Pollution Complaint #:
 19901385

 Reported:
 04/17/1990

 Case Closed Date:
 08/22/1994

 Program:
 RP Lead

Federally Regulated UST (Y/N): Regulated Petroleum UST (1): Υ Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Ν Small Heating Oil AST (2): N Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N:

Other Description: Not reported Heating Oil Category: Not reported

 Name:
 HESS #46215

 Address:
 8250 SUDLEY RD

 City, State, Zip:
 MANASSAS, VA 20109

Region: NRO

 CEDS Facility Id:
 200000077602

 Case Status:
 Closed

 Pollution Complaint #:
 19790152

 Reported:
 08/29/1978

 Case Closed Date:
 08/05/1994

 Program:
 RP Lead

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

HESS 46215 (Continued) U003948121

Federally Regulated UST (Y/N): Υ Regulated Petroleum UST (1): Υ Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): N Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Not reported

Facility:

Name: HESS 46215 Address: 8250 SUDLEY RD City,State,Zip: MANASSAS, VA 20109

Facility Id: 3002264 **GAS STATION** Facility Type: CEDS Facility ID: 200000077602

Owner:

33066 Owner Id:

Owner Name: Marathon Petroleum Company LP

Owner Address: 589 S Main St Owner Address2: Not reported Owner City, State, Zip: Findlay, OH 45840 **PRIVATE**

Owner Type: Number of Active AST: 0 Number of Active UST: 4 Number of Inactive AST: 0 Number of Inactive UST: 0

Owner Id: 33378

Owner Name: Hess Corporation Owner Address: 1 Hess Plaza Owner Address2: Not reported Woodbridge, NJ 7095 Owner City, State, Zip:

COMMERCIAL Owner Type:

Number of Active AST: 0 Number of Active UST: 4 0 Number of Inactive AST: Number of Inactive UST: 0

UST:

Facility ID: 3002264 Federally Regulated: Yes

Tank Number: 1 Tank Capacity: 10000 Tank Contents: **GASOLINE** Tank Status: **CURR IN USE**

Tank Type: UST

Tank Material:

Map ID MAP FINDINGS

Direction Distance Elevation

EDR ID Number
Site Database(s) EPA ID Number

HESS 46215 (Continued) U003948121

Install Date: 4/14/1970 Tank Materials: Bare Steel No Tank Materials: Cath Protect Steel Yes Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite No Tank Materials: Double Walled No Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired No Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge Yes Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install Yes Tank Release Detection: Overfill Install Yes Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Pipe Release Detection: Line Tightness

Not reported
Not reported
Yes

Pipe Release Detection: Line Tightness
Pipe Release Detection: Stat Invent Recon
Pipe Release Detection: Groundwater
Pipe Release Detection: Int Sec Containment
Pipe Release Det: Interior Double Walled
Pipe Release Detection: Other Method
No

Pipe Release Detection: Other Note Not reported

Pipe Type: PRESSURE

Pipe Materials: Bare Steel No Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass Yes Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other

Pipe Materials: Other Note Replaced 9-4-03

Facility ID: 3002264 Federally Regulated: Yes Map ID MAP FINDINGS

Direction
Distance
Elevation

n Site Database(s) EPA ID Number

HESS 46215 (Continued) U003948121

 Tank Number:
 2

 Tank Capacity:
 10000

 Tank Contents:
 GASOLINE

 Tank Status:
 CURR IN USE

 Tank Type:
 UST

Tank Material:

4/14/1970 Install Date: Tank Materials: Bare Steel No Tank Materials: Cath Protect Steel Yes Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete Nο Tank Materials: Composite No Tank Materials: Double Walled No Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired No Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge Yes Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install Yes Tank Release Detection: Overfill Install Yes Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note Not reported Pipe Release Detection: Leak Deferred Not reported Pipe Release Detection: Autoleak Not reported

Pipe Release Detection: Line Tightness
Pipe Release Detection: Stat Invent Recon
Pipe Release Detection: Groundwater
No
Pipe Release Detection: Int Sec Containment
Pipe Release Det: Interior Double Walled
Pipe Release Detection: Other Method
No

Pipe Release Detection: Other Note Not reported

Pipe Type: PRESSURE

Pipe Materials: Bare Steel No Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass Yes Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

HESS 46215 (Continued) U003948121

Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Replaced 9-4-03

3002264 Facility ID: Federally Regulated: Yes

Tank Number: 3 Tank Capacity: 10000 Tank Contents: **GASOLINE** Tank Status: **CURR IN USE**

Tank Type: UST

Tank Material:

Install Date: 4/14/1970 Tank Materials: Bare Steel No Tank Materials: Cath Protect Steel Yes Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite Nο Tank Materials: Double Walled No Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired Nο Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge Yes Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install Yes Tank Release Detection: Overfill Install Yes Tank Release Detection: Groundwater No Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note Not reported Pipe Release Detection: Leak Deferred Not reported Pipe Release Detection: Autoleak Not reported

Pipe Release Detection: Line Tightness Yes Pipe Release Detection: Stat Invent Recon No Pipe Release Detection: Groundwater No Pipe Release Detection: Int Sec Containment No Pipe Release Det: Interior Double Walled No Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: **PRESSURE** Map ID MAP FINDINGS

Direction Distance Elevation

Site Database(s) EPA ID Number

HESS 46215 (Continued) U003948121

Pipe Materials: Bare Steel No Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass Yes Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Replaced 9-4-03

Facility ID: 3002264 Federally Regulated: Yes

Tank Number: 4
Tank Capacity: 10000
Tank Contents: DIESEL
Tank Status: CURR IN USE

Tank Type: UST

Tank Material:

Install Date: 4/14/1970 Tank Materials: Bare Steel No Tank Materials: Cath Protect Steel Yes Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite No Tank Materials: Double Walled No Tank Materials: Lined Interior No Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired No Tank Materials: Unknown No Tank Materials: Other No

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge No Tank Release Detection: Auto Gauge Yes Tank Release Detection: Tank Tightness No Tank Release Detection: Vapor Monitor No Tank Release Detection: Inventory No Tank Release Detection: Stat Invent Recon No Tank Release Detection: Spill Install Yes Tank Release Detection: Overfill Install Yes Tank Release Detection: Groundwater Nο Tank Release Detection: Int Sec Containment No Tank Release Detection: Int Double Walled No Tank Release Detection: Other Method No

Tank Release Detection: Other Note
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Not reported
Not reported

Pipe Release Detection: Line Tightness Yes

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

HESS 46215 (Continued) U003948121

Pipe Release Detection: Stat Invent Recon No Pipe Release Detection: Groundwater No Pipe Release Detection: Int Sec Containment No Pipe Release Det: Interior Double Walled No Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

PRESSURE Pipe Type:

Pipe Materials: Bare Steel No Pipe Materials: Galvanized Steel No Pipe Materials: Copper No Pipe Materials: Fiberglass Yes Pipe Materials: Cath Protect No Pipe Materials: Double Walled No Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown Nο Pipe Materials: Other No

Pipe Materials: Other Note Replaced 9-4-03

VA Financial Assurance 1:

Name: HESS 46215 8250 SUDLEY RD Address: City,State,Zip: MANASSAS, VA 20109

Facility ID: 3002264

Owner Name: Marathon Petroleum Company LP

ROF Own Id: 33066 Tank Type: UST

Not reported Mechanism: Gallonage: Not reported Per Occurence: Not reported Third Party: Not reported Annual Aggregate: Not reported In Compliance: Not reported 10000 Total Capacity: CEDS Facility Name: Hess 46215 Tank Status: **CURR IN USE**

Active Federally Regualted UST: Y

Name: HESS 46215 Address: 8250 SUDLEY RD City,State,Zip: MANASSAS, VA 20109

Facility ID: 3002264

Owner Name: Marathon Petroleum Company LP

ROF Own Id: 33066 Tank Type: UST Not reported Mechanism: Not reported Gallonage: Per Occurence: Not reported Third Party: Not reported Annual Aggregate: Not reported In Compliance: Not reported **Total Capacity:** 10000 CEDS Facility Name: Hess 46215 Tank Status: **CURR IN USE**

Active Federally Regualted UST: Y

Direction Distance

Elevation Site Database(s) **EPA ID Number**

HESS 46215 (Continued) U003948121

Name: HESS 46215 Address: 8250 SUDLEY RD City,State,Zip: MANASSAS, VA 20109

Facility ID: 3002264

Owner Name: Marathon Petroleum Company LP

ROF Own Id: 33066 UST Tank Type: Mechanism: Not reported Gallonage: Not reported Per Occurence: Not reported Third Party: Not reported Annual Aggregate: Not reported In Compliance: Not reported Total Capacity: 10000 CEDS Facility Name: Hess 46215 Tank Status: **CURR IN USE**

Active Federally Regualted UST: Y

Name: HESS 46215 Address: 8250 SUDLEY RD City,State,Zip: MANASSAS, VA 20109

Facility ID: 3002264

Owner Name: Marathon Petroleum Company LP

ROF Own Id: 33066 Tank Type: UST Mechanism: Not reported Gallonage: Not reported Per Occurence: Not reported Third Party: Not reported Annual Aggregate: Not reported In Compliance: Not reported 10000 Total Capacity: CEDS Facility Name: Hess 46215 Tank Status: **CURR IN USE**

Active Federally Regualted UST: Y

S103457466 HESS #46215 **VA LUST** WNW 8360 SUDLEY ROAD **VA SPILLS** N/A

PRINCE WILLIAM, VA 20109 1/4-1/2

0.434 mi.

N53

2294 ft. Site 2 of 2 in cluster N

LUST REG NO: Relative: Higher Region:

Facility ID: 3002264 Actual: Status: Closed 221 ft. Tank Size:

> Not reported Product: 08/29/1978 Release Date: Closed Date: 8/5/1994 Case Type: Article 9

NO

Case Officer: James D. Green Pollution Complaint #: 79-0152 Permit Number: 0 Priority:

Region: NO Facility ID: 3002264 **EDR ID Number**

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

HESS #46215 (Continued)

S103457466

Status: Closed Tank Size: 0

Product: Not reported Release Date: 04/17/1990 Closed Date: 8/22/1994 Case Type: Article 9 Case Officer: James D. Green

Pollution Complaint #: 90-1385 Permit Number: 0 Priority: 0

NO Region: Facility ID: 3002264 Status: Closed Tank Size:

Not reported Product: Release Date: 03/18/1994 10/28/1994 Closed Date: Case Type: Article 11 Case Officer: James D. Green Pollution Complaint #: 94-2965 Permit Number: 0

NO Region: Facility ID: 3002264 Status: Closed Tank Size:

Priority:

Not reported Product: 11/15/1995 Release Date: Closed Date: 9/9/1996 Case Type: Article 9 Case Officer: James D. Green

Pollution Complaint #: 96-3073 Permit Number: 0 3 Priority:

Region: NO Facility ID: 3002264 Status: Closed Tank Size: unknown Product: gasoline Release Date: 06/09/1999 5/4/2000 Closed Date: Case Type: Article 9 Case Officer: James D. Green Pollution Complaint #: 99-3396

Permit Number: Not reported Priority: Not reported

NO Region: Facility ID: 3002264 Status: Open Tank Size: unknown gas/heating oil Product: Release Date: 11/09/1998 Closed Date: Not reported

Direction Distance Elevation

Site Database(s) **EPA ID Number**

HESS #46215 (Continued)

S103457466

EDR ID Number

Case Type: Article 9 James D. Green Case Officer: Pollution Complaint #: 99-3147 Permit Number: Not reported Priority: Not reported

SPILLS NO:

NO Region:

ld: Not reported

Incident Summary: Report line leak of UST system

Date In: 8/13/1997 Date Closed: Not reported Not reported Pollution Type: Responsible Party: Not reported **Facility Status:** Closed

Owner: **Hess Corporation** Facility Contact: Not reported Facility Permitted: Not reported Facility Telephone: Not reported 1336 Time In:

Reported By Name: Kevin McGinnis Reported By Telephone: 908-750-7168 Reported By Affiliation/Addr: Hess Corporation Incident Response IR #: Not reported Responsible Party Address: Not reported Responsible Party City: Not reported Responsible Party State: Not reported Responsible Party Zip: Not reported Responsible Party Contact: Not reported Responsible Party Telephone: Not reported Owner Name: Not reported Owner Address: Not reported Owner City: Not reported Owner State: Not reported Not reported Owner Zip: Owner Contact: Not reported Owner Telephone: Not reported Incident Date: Not reported Not reported Incident Time: Not reported Petroleum: Not reported Solid Waste: Hazardous Waste: Not reported Water: Not reported Air: Not reported Sewage: Not reported Fish Kill: Not reported Threat Wetlands: Not reported Not reported Wetlands: Not reported Material Released: Possible Receptors: Not reported Quantity Released: Not reported Unit Released: Not reported Quantity In Water: Not reported Receiving Waters: Not reported

1a Inspection Date: Not reported

River Basin:

Call Date: Not reported Map ID MAP FINDINGS

Distance Elevation Site

Site Database(s) EPA ID Number

HESS #46215 (Continued) S103457466

Inspector: Not reported Response Due: Not reported Response Received Date: Not reported Visit Needed: Not reported Open: Not reported Air Referral Date: Not reported Air Reg/ Permit Number: Not reported Waste Referral Date: Not reported Epa Id Or Permit Number: Not reported Water Referral Date: Not reported Water Permit Number: Not reported Remediation Referral Date: Not reported Remediation Pc Number: Not reported **Enforcement Referral Date:** Not reported Nov Number: Not reported 98-3068 Pc Number: PZG Receive By: Case Officer: Not reported Case Type: A11, UST

Case Officer:

Case Type:

Street Address:

Polllutant:

Impact:

Spill Date:

Not reported

petroleum

unknown

Not reported

Not reported

Not reported

Spill Volume: -1
Measure: gallons
Volume In Water: -1

Stream Name: Not reported Investigation Date: Not reported Closure Date: Not reported Lab Results: Not reported Target Date: Not reported Prep Number: Not reported Report Date: Not reported Report Time: Not reported Pollutant Scr: Not reported Volume: Not reported Volume Esc: Not reported Future Recommendations: Not reported Stream Code: Not reported Visit Date: Not reported Not reported Lab Date: File Close Date: Not reported Prep Copy: Not reported Not reported City: Incident Summary: Not reported

Reported: Reporting of line leak, and testing the system isoplated the leak to

below the Bravo box. No estimate on amount released. Alternate contacts are Pete Hade or Dawn/Don? Johnson at same number.

Results: Not reported Inspection Comments: Not reported Remarks: Not reported

EDR ID Number

Direction Distance

Elevation Site Database(s) **EPA ID Number**

054 **HAYDEN ELEMENTARY SCHOOL VA LUST** S103772882

N/A

EDR ID Number

SSE 9075 PARK AVENUE 1/4-1/2 PRINCE WILLIAM, VA 20110

0.486 mi.

2567 ft. Site 1 of 2 in cluster O

LUST REG NO: Relative: Higher Region:

NO Facility ID: 3024336 Actual: Closed Status: 240 ft. Tank Size: 6,000 Product: heating oil

11/12/1998 Release Date: 4/2/1999 Closed Date: Article 11 Case Type:

Case Officer: Thomas R. Lancaster, P.G.

Pollution Complaint #: 99-3156 Permit Number: Not reported Priority: Not reported

O55 HAYDEN ELEMENTARY SCHOOL VA LTANKS S104895689 N/A

SSE 9075 PARK AVE

1/4-1/2 MANASSAS, VA 22110

0.486 mi.

2567 ft. Site 2 of 2 in cluster O

LTANKS: Relative: Higher HAYDEN ELEMENTARY SCHOOL Name:

Address: 9075 PARK AVE Actual: 240 ft. City,State,Zip: MANASSAS, VA 22110

> NRO Region:

CEDS Facility Id: 200000075301 Case Status: Closed 19993156 Pollution Complaint #: Reported: 11/12/1998 Case Closed Date: 04/02/1999 RP Lead Program: Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν

Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Not reported Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

56 DEMUTH GORDON RESIDENCE VA LTANKS \$106201154 SSE 9102 TRUSLER CT N/A

SSE 9102 TRUSLER CT 1/4-1/2 MANASSAS, VA 20110

0.487 mi. 2569 ft.

Relative: LTANKS:
Higher Name: DEMUTH GORDON RESIDENCE

 Actual:
 Address:
 9102 TRUSLER CT

 255 ft.
 City,State,Zip:
 MANASSAS, VA 20110-4326

255 ft. City,State,Zip: MANAS Region: NRO

 CEDS Facility Id:
 200000213867

 Case Status:
 Closed

 Pollution Complaint #:
 20043180

 Reported:
 01/22/2004

 Case Closed Date:
 06/21/2004

 Program:
 RP Lead

 Federally Regulated LIST (V/N):
 N

Federally Regulated UST (Y/N): Ν Regulated Petroleum UST (1): Ν Excluded UST (1): Ν Deferred UST (1): Ν Partially Deferred UST (1): Ν Exempt 1 UST (2): Ν Exempt 2 Heating Oil UST (2): Υ Small Heating Oil AST (2): Ν Regulated AST (3): Ν Unregulated AST (3): Ν Other Y/N: Ν Unknown Y/N: Ν

Other Description: Not reported Heating Oil Category: Category 2

EDR ID Number

Count: 4 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MANASSAS	S109599642	COLONIAL PIPELINE SPILL BULL RUN	RTE 234 AND SUDLEY MANOR DR	20109	VA LTANKS
MANASSAS	S110761781	SWIFT INCORPORATED	9613 - 9615 CENTER POINT LN	20110	VA LTANKS, VA AIRS
MANASSAS	S105299813	FLAT BRANCH FROM STORM SEWER	PEABODY AND BEAUREGARD ST	20110	VA LTANKS
PRINCE WILLIAM	S104407645	COLONIAL PIPELINE - BULL RUN	ROUTE 234 & SUDLEY MANOR DRIVE	20109	VA LUST

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 07/19/2019 Source: EPA
Date Data Arrived at EDR: 07/30/2019 Telephone: N/A

Number of Days to Update: 35 Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 07/19/2019

Source: EPA

Date Data Arrived at EDR: 07/30/2019

Telephone: N

Date Made Active in Pagents: 00/03/2019

Lett EDR Cov

Number of Days to Update: 35

Telephone: N/A Last EDR Contact: 10/02/2019

Next Scheduled EDR Contact: 01/13/2020

Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 07/19/2019 Date Data Arrived at EDR: 07/30/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 35

Source: EPA Telephone: N/A

Last EDR Contact: 10/02/2019

Next Scheduled EDR Contact: 01/13/2020 Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 39

Source: Environmental Protection Agency Telephone: 703-603-8704

Last EDR Contact: 07/03/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/19/2019 Date Data Arrived at EDR: 07/30/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 35

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 10/02/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 07/19/2019 Date Data Arrived at EDR: 07/30/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 35

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 10/02/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 09/16/2019

Next Scheduled EDR Contact: 01/06/2020 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 09/16/2019

Next Scheduled EDR Contact: 01/06/2020 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency Telephone: 800-438-2474

Last EDR Contact: 09/16/2019

Next Scheduled EDR Contact: 01/06/2020 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 09/16/2019

Next Scheduled EDR Contact: 01/06/2020 Data Release Frequency: Quarterly

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

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 09/16/2019

Next Scheduled EDR Contact: 01/06/2020 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

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: 08/13/2019 Date Data Arrived at EDR: 08/20/2019 Date Made Active in Reports: 08/26/2019

Number of Days to Update: 6

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 08/07/2019

Next Scheduled EDR Contact: 11/25/2019 Data Release Frequency: Varies

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: 08/19/2019 Date Data Arrived at EDR: 08/20/2019 Date Made Active in Reports: 08/26/2019

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 08/20/2019

Next Scheduled EDR Contact: 12/09/2019 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: 08/19/2019 Date Data Arrived at EDR: 08/20/2019 Date Made Active in Reports: 08/26/2019

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 08/20/2019

Next Scheduled EDR Contact: 12/09/2019 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/09/2019 Date Data Arrived at EDR: 09/09/2019 Date Made Active in Reports: 09/23/2019

Number of Days to Update: 14

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 09/09/2019

Next Scheduled EDR Contact: 01/06/2020 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

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 Environmental Quality

Telephone: 804-698-4236 Last EDR Contact: 09/30/2019

Next Scheduled EDR Contact: 12/30/2019

Data Release Frequency: N/A

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

SWF/LF: Solid Waste Management 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: 06/04/2019 Date Data Arrived at EDR: 06/05/2019 Date Made Active in Reports: 07/31/2019

Number of Days to Update: 56

Source: Department of Environmental Quality

Telephone: 804-698-4238 Last EDR Contact: 08/30/2019

Next Scheduled EDR Contact: 12/16/2019 Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST REG SC: Leaking Underground Storage Tanks

Leaking underground storage tank site locations. Includes: counties of Amherst, Appomattox, Buckingham, Campbell, Charlotte, Cumberland, Halifax, Lunenburg, Mecklenburg, Nottoway, Pittsylvania, Prince Deward; cities of Danville, Lynchburg.

Date of Government Version: 09/06/2013 Date Data Arrived at EDR: 09/06/2013 Date Made Active in Reports: 09/17/2013

Number of Days to Update: 11

Source: Department of Environmental Quality, South Central Region

Telephone: 434-582-5120 Last EDR Contact: 08/29/2016

Next Scheduled EDR Contact: 12/12/2016 Data Release Frequency: Semi-Annually

LUST REG PD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locaitons. Includes: counties of Amelia, Brunswick, Charles City, Chesterfield, Dinwiddie, Essex, Gloucester, Goochland, Greensville, Hanover, Henrico, King and Queen, King William, Lancaster, Mathews, Middlesex, New Kent, Northumberland, Powhatan, Prince George, Richmond, Surry, Sussex, Westmoreland; cities of Colonial Heights, Emporia, Hopewell, Petersburg.

Date of Government Version: 12/02/2014 Date Data Arrived at EDR: 12/04/2014 Date Made Active in Reports: 01/16/2015

Number of Days to Update: 43

Source: Department of Environmental Quality Piedmont Regional Office

Telephone: 804-527-5020 Last EDR Contact: 08/29/2016

Next Scheduled EDR Contact: 12/12/2016 Data Release Frequency: Quarterly

LUST REG SW: Leaking Underground Storage Tank Database

Leaking underground storage tank site locations. Includes: counties of Bland, Buchanan, Carroll, Dickenson, Grayson, Lee, Russell, Scott, Smyth, Tazewell, Washington, Wise, Wythe; cities of Bristol, Galax, Norton.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/18/2013
Date Made Active in Reports: 09/16/2013

Number of Days to Update: 60

Source: Department of Environmental Quality Southwest Regional Office

Telephone: 276-676-4800 Last EDR Contact: 10/11/2016

Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: No Update Planned

LUST REG NO: Leaking Underground Storage Tank Tracking Database

Leaking underground storage tank site locations. Includes: counties of Arlington, Caroline, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Madison, Orange, Prince William, Rappahannock, Spotsylvania, Stafford; cities of Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, Manassas Park.

Date of Government Version: 05/18/2004 Date Data Arrived at EDR: 05/22/2004 Date Made Active in Reports: 07/09/2004

Number of Days to Update: 48

Source: Department of Environmental Quality Northern Regional Office

Telephone: 703-583-3800 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

LUST REG TD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locations. Includes: counties of Accomack, Isle of Wight, James City, Northampton, Southampton, York; cities of Chesapeake, Franklin, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, Williamsburg.

Date of Government Version: 06/30/2013 Date Data Arrived at EDR: 07/05/2013 Date Made Active in Reports: 09/16/2013

Number of Days to Update: 73

Source: Department of Environmental Quality Tidewater Regional Office

Telephone: trofoia@deq.vir Last EDR Contact: 09/26/2016

Next Scheduled EDR Contact: 01/09/2017 Data Release Frequency: Quarterly

LUST REG VA: Leaking Underground Storage Tank List

Leaking underground storage tank site locations. Includes: counties of Albemarle, Augusta, Bath, Clarke, Fluvanna, Frederick, Greene, Highland, Nelson, Page, Rockbridge, Rockingham, Shenandoah, Warren; cities of Buena Vista, Charlottesville, Harrisonburg, Lexington, Staunton, Waynesboro, Winchester.

Date of Government Version: 12/06/2011 Date Data Arrived at EDR: 12/08/2011 Date Made Active in Reports: 01/16/2012

Number of Days to Update: 39

Source: Department of Environmental Quality Valley Regional Office

Telephone: 540-574-7800 Last EDR Contact: 08/29/2016

Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

LUST REG WC: Leaking Underground Storage Tank List

Leaking underground storage tank site locations. Includes: counties of Alleghany, Bedford, Botetourt, Craig, Floyd, Franklin, Giles, Henry, Montgomery, Patrick, Pulaski, Roanoke; cities of Bedford, Clifton Forge, Covington, Martinsville, Radford, Roanoke, Salem.

Date of Government Version: 06/04/2015 Date Data Arrived at EDR: 06/05/2015 Date Made Active in Reports: 07/07/2015

Number of Days to Update: 32

Source: Department of Environmental Quality West Central Regional Office

Telephone: 540-562-6700 Last EDR Contact: 08/29/2016

Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/17/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 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: 10/10/2018 Date Data Arrived at EDR: 03/08/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

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

Date of Government Version: 02/19/2019 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

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: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 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: 09/24/2018 Date Data Arrived at EDR: 03/12/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 50

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 07/23/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

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

Date of Government Version: 11/01/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

LTANKS: Leaking Petroleum Storage Tanks

Includes releases of petroleum from underground storage tanks and aboveground storage tanks.

Date of Government Version: 05/02/2019 Date Data Arrived at EDR: 05/30/2019 Date Made Active in Reports: 07/15/2019

Number of Days to Update: 46

Source: Department of Environmental Quality

Telephone: 804-698-4010 Last EDR Contact: 08/27/2019

Next Scheduled EDR Contact: 12/09/2019 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017 Date Data Arrived at EDR: 05/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 08/26/2019

Next Scheduled EDR Contact: 10/21/2019

Data Release Frequency: Varies

UST: Registered Petroleum Storage Tanks

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: 05/15/2019 Date Data Arrived at EDR: 05/30/2019 Date Made Active in Reports: 07/15/2019

Number of Days to Update: 46

Source: Department of Environmental Quality

Telephone: 804-698-4010 Last EDR Contact: 08/27/2019

Next Scheduled EDR Contact: 12/09/2019 Data Release Frequency: Quarterly

AST: Registered Petroleum Storage Tanks Registered Aboveground Storage Tanks.

> Date of Government Version: 05/15/2019 Date Data Arrived at EDR: 05/30/2019 Date Made Active in Reports: 07/12/2019

Number of Days to Update: 43

Source: Department of Environmental Quality

Telephone: 804-698-4010 Last EDR Contact: 08/27/2019

Next Scheduled EDR Contact: 12/09/2019 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018 Date Data Arrived at EDR: 03/08/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 54

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 08/05/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018 Date Data Arrived at EDR: 03/12/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 50

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 07/23/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/05/2019 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Sites Listing

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: 04/09/2019 Date Data Arrived at EDR: 04/11/2019 Date Made Active in Reports: 06/26/2019

Number of Days to Update: 76

Source: Department of Environmental Quality

Telephone: 804-698-4228 Last EDR Contact: 07/22/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Quarterly

INST CONTROL: Voluntary Remediation Program Database

Sites included in the Voluntary Remediation Program database that have deed restrictions.

Date of Government Version: 04/09/2019 Date Data Arrived at EDR: 04/11/2019 Date Made Active in Reports: 06/26/2019

Number of Days to Update: 76

Source: Department of Environmental Quality

Telephone: 804-698-4228 Last EDR Contact: 07/22/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 09/19/2019

Next Scheduled EDR Contact: 01/06/2020

Data Release Frequency: Varies

VRP: Voluntary Remediation Program

The Voluntary Cleanup Program encourages owners of elected contaminated sites to take the initiative and conduct voluntary cleanups that meet state environmental standards.

Date of Government Version: 04/09/2019 Date Data Arrived at EDR: 04/11/2019 Date Made Active in Reports: 06/26/2019

Number of Days to Update: 76

Source: Department of Environmental Quality

Telephone: 804-698-4228 Last EDR Contact: 07/22/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site Specific Assessments

To qualify for Brownfields Assessment, the site must meet the Federal definition of a Brownfields and should have contaminant issues that need to be addressed and a redevelopment plan supported by the local government and community. Virginia's Department of Environmental Quality performs brownfields assessments under a cooperative agreement with the U.S. Environmental Protection Agency at no cost to communities, property owners or, prospective purchasers. The assessment is an evaluation of environmental impacts caused by previous site uses similar to a Phase II Environmental Assessment.

Date of Government Version: 04/23/2019 Date Data Arrived at EDR: 04/24/2019 Date Made Active in Reports: 06/25/2019

Number of Days to Update: 62

Source: Department of Environmental Quality

Telephone: 804-698-4207 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/03/2019 Date Data Arrived at EDR: 06/04/2019 Date Made Active in Reports: 08/26/2019 Number of Days to Update: 83 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 09/19/2019

Next Scheduled EDR Contact: 12/30/2019 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 07/25/2019

Next Scheduled EDR Contact: 11/11/2019 Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 08/02/2019

Next Scheduled EDR Contact: 11/11/2019 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019 Date Data Arrived at EDR: 06/13/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 82

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 08/21/2019

Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

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

Date of Government Version: 06/11/2019 Date Data Arrived at EDR: 06/13/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 82

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 08/21/2019

Next Scheduled EDR Contact: 12/09/2019 Data Release Frequency: Quarterly

PFAS: Per- and Polyfluoroalkyl Substances

PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 04/08/2019 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/08/2019

Number of Days to Update: 28

Source: Department of Environmental Quality

Telephone: 804-698-4336 Last EDR Contact: 07/08/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/30/2019 Date Data Arrived at EDR: 07/30/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 35

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 10/02/2019

Next Scheduled EDR Contact: 01/13/2020 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/24/2019 Date Data Arrived at EDR: 06/26/2019 Date Made Active in Reports: 09/23/2019

Number of Days to Update: 89

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 09/24/2019

Next Scheduled EDR Contact: 01/06/2020 Data Release Frequency: Quarterly

SPILLS: Prep/Spills Database Listing

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment. PREP staff often work to assist local emergency responders, other state agencies, federal agencies, and responsible parties, as may be needed, to manage pollution incidents. Oil spills, fish kills, and hazardous materials spills are examples of incidents that may involve the DEQ's PREP Program.

Date of Government Version: 05/01/2019 Date Data Arrived at EDR: 05/30/2019 Date Made Active in Reports: 07/15/2019

Number of Days to Update: 46

Source: Department of Environmental Quality

Telephone: 804-698-4287 Last EDR Contact: 08/27/2019

Next Scheduled EDR Contact: 12/09/2019 Data Release Frequency: Quarterly

SPILLS BRL: Prep/Spills Database Listing

A listing of spills locations located in the Blue Ridge Regional area, Lynchburg.

Date of Government Version: 09/18/2009 Date Data Arrived at EDR: 09/18/2009 Date Made Active in Reports: 10/06/2009

Number of Days to Update: 18

Source: DEQ, Blue Ridge Regional Office

Telephone: 434-582-6218 Last EDR Contact: 11/28/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Varies

SPILLS WC: Prep Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/21/2009 Date Data Arrived at EDR: 09/29/2009 Date Made Active in Reports: 10/30/2009

Number of Days to Update: 31

Source: Department of Environmental Quality, West Central Region

Telephone: 540-562-6700 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

SPILLS VA: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 08/08/2012 Date Data Arrived at EDR: 08/09/2012 Date Made Active in Reports: 10/05/2012

Number of Days to Update: 57

Source: Department of Environmental Quality, Valley Regional Office

Telephone: 540-574-7800 Last EDR Contact: 05/06/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Quarterly

SPILLS TD: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/17/2009 Date Data Arrived at EDR: 09/23/2009 Date Made Active in Reports: 10/06/2009

Number of Days to Update: 13

Source: Department of Environmental Quality, Tidewater Region

Telephone: trofoia@deq.vir Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: Quarterly

SPILLS SW: Reportable Spills

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 01/21/2010 Date Data Arrived at EDR: 01/22/2010 Date Made Active in Reports: 02/16/2010

Number of Days to Update: 25

Source: Department of Environmental Quality, Southwest Region

Telephone: 276-676-4839 Last EDR Contact: 07/13/2012

Next Scheduled EDR Contact: 10/29/2012 Data Release Frequency: No Update Planned

SPILLS PD: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 10/20/2009 Date Data Arrived at EDR: 10/29/2009 Date Made Active in Reports: 12/03/2009

Number of Days to Update: 35

Source: Department of Environmental Quality, Piedmont Region

Telephone: 804-527-5020 Last EDR Contact: 02/06/2012

Next Scheduled EDR Contact: 05/21/2012 Data Release Frequency: Quarterly

SPILLS NO: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/23/2009 Date Data Arrived at EDR: 09/29/2009 Date Made Active in Reports: 10/30/2009

Number of Days to Update: 31

Source: Department of Environmental Quality, Northern Region

Telephone: 703-583-3864 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

SPILLS PC: Pollution Complaint Database

Pollution Complaints Database. The pollution reports contained in the PC database include the initial release reporting of Leaking Underground Storage Tanks and all other releases of petroleum to the environment as well as releases to state waters. The database is current through 12/1/93. Since that time, all spill and pollution reporting information has been collected and tracked through the DEQ regional offices.

Date of Government Version: 06/01/1996 Date Data Arrived at EDR: 10/22/1996 Date Made Active in Reports: 11/21/1996

Number of Days to Update: 30

Source: Department of Environmental Quality

Telephone: 804-698-4287 Last EDR Contact: 03/08/2010

Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/01/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/15/2013

Number of Days to Update: 43

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 09/16/2019

Next Scheduled EDR Contact: 01/06/2020 Data Release Frequency: Quarterly

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: 05/15/2019 Date Data Arrived at EDR: 05/21/2019 Date Made Active in Reports: 08/08/2019

Number of Days to Update: 79

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 08/23/2019

Next Scheduled EDR Contact: 12/02/2019

Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 07/09/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

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

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 07/10/2019

Next Scheduled EDR Contact: 10/21/2019

Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 08/16/2019

Next Scheduled EDR Contact: 11/25/2019 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/24/2019 Date Data Arrived at EDR: 06/26/2019 Date Made Active in Reports: 09/23/2019

Number of Days to Update: 89

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 09/24/2019

Next Scheduled EDR Contact: 01/06/2020 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 08/05/2019

Next Scheduled EDR Contact: 11/18/2019 Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/09/2019

Next Scheduled EDR Contact: 11/18/2019 Data Release Frequency: Varies

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: 12/31/2016 Date Data Arrived at EDR: 06/21/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 09/19/2019

Next Scheduled EDR Contact: 12/30/2019 Data Release Frequency: Every 4 Years

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: 12/31/2016 Date Data Arrived at EDR: 01/10/2018 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 2

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 08/23/2019

Next Scheduled EDR Contact: 12/02/2019 Data Release Frequency: Annually

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: 09/30/2018 Date Data Arrived at EDR: 04/24/2019 Date Made Active in Reports: 08/08/2019 Number of Days to Update: 106 Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 07/26/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Annually

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: 07/19/2019 Date Data Arrived at EDR: 07/30/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 35

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 10/02/2019

Next Scheduled EDR Contact: 12/16/2019 Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019 Date Data Arrived at EDR: 05/02/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 07/22/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/20/2019 Date Data Arrived at EDR: 09/05/2019 Date Made Active in Reports: 09/23/2019

Number of Days to Update: 18

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 10/02/2019

Next Scheduled EDR Contact: 11/18/2019 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 03/20/2019 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 34

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 07/12/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 07/03/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned

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: 06/20/2019 Date Data Arrived at EDR: 06/20/2019 Date Made Active in Reports: 08/08/2019

Number of Days to Update: 49

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 09/04/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 09/06/2019

Next Scheduled EDR Contact: 12/16/2019 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 09/03/2019

Next Scheduled EDR Contact: 12/16/2019

Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017 Date Data Arrived at EDR: 11/30/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 08/09/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S.

Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019 Date Data Arrived at EDR: 07/01/2019 Date Made Active in Reports: 09/23/2019

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/01/2019

Next Scheduled EDR Contact: 01/13/2020 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 04/01/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 08/08/2019

Number of Days to Update: 100

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 07/31/2019

Next Scheduled EDR Contact: 11/11/2019 Data Release Frequency: Quarterly

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: 06/30/2019 Date Data Arrived at EDR: 07/16/2019 Date Made Active in Reports: 10/02/2019

Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 10/02/2019

Next Scheduled EDR Contact: 01/20/2020 Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Lindsto: 318

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 09/16/2019

Next Scheduled EDR Contact: 01/06/2020 Data Release Frequency: Biennially

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: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 07/10/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 07/30/2019

Next Scheduled EDR Contact: 11/18/2019 Data Release Frequency: Varies

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: 06/23/2017 Date Data Arrived at EDR: 10/11/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 23

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 08/21/2019

Next Scheduled EDR Contact: 12/02/2019 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/19/2019 Date Data Arrived at EDR: 07/30/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 35

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 10/02/2019

Next Scheduled EDR Contact: 01/13/2020 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 05/03/2019 Date Data Arrived at EDR: 05/29/2019 Date Made Active in Reports: 08/08/2019

Number of Days to Update: 71

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 08/27/2019

Next Scheduled EDR Contact: 12/09/2019 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 08/30/2019

Next Scheduled EDR Contact: 12/09/2019 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 08/30/2019

Next Scheduled EDR Contact: 12/09/2019 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019 Date Data Arrived at EDR: 03/28/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 34

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 09/10/2019

Next Scheduled EDR Contact: 12/23/2019 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 05/03/2019 Date Data Arrived at EDR: 06/05/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 90

Source: EPA

Telephone: (215) 814-5000 Last EDR Contact: 09/04/2019

Next Scheduled EDR Contact: 12/16/2019 Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 07/06/2019 Date Data Arrived at EDR: 07/09/2019 Date Made Active in Reports: 10/02/2019

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 07/09/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 01/17/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 74

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 07/15/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 07/26/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 71

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 08/21/2019

Next Scheduled EDR Contact: 12/09/2019 Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/20/2019 Date Data Arrived at EDR: 05/21/2019 Date Made Active in Reports: 08/08/2019

Number of Days to Update: 79

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 08/20/2019

Next Scheduled EDR Contact: 12/02/2019 Data Release Frequency: Quarterly

AIRS: Permitted Airs Facility List
A listing of permitted Airs facilities.

Date of Government Version: 06/20/2019 Date Data Arrived at EDR: 06/20/2019 Date Made Active in Reports: 07/31/2019

Number of Days to Update: 41

Source: Department of Environmental Quality

Telephone: 804-698-4000 Last EDR Contact: 09/13/2019

Next Scheduled EDR Contact: 12/30/2019 Data Release Frequency: Annually

CEDS: Comprehensive Environmental Data System

Virginia Water Protection Permits, Virginia Pollution Discharge System (point discharge) permits and Virginia Pollution Abatement (no point discharge) permits.

Date of Government Version: 06/05/2019 Date Data Arrived at EDR: 06/06/2019 Date Made Active in Reports: 07/31/2019

Number of Days to Update: 55

Source: Department of Environmental Quality

Telephone: 804-698-4077 Last EDR Contact: 08/30/2019

Next Scheduled EDR Contact: 12/16/2019 Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Sites

A listing of facilities with coal ash impoundments.

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/12/2018 Date Made Active in Reports: 01/30/2019

Number of Days to Update: 49

Source: Department of Environmental Protection

Telephone: 804-698-4285 Last EDR Contact: 08/30/2019

Next Scheduled EDR Contact: 12/16/2019 Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List
A listing of registered drycleaners.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 11/01/2018 Date Made Active in Reports: 12/26/2018

Number of Days to Update: 55

Source: Department of Environmental Quality

Telephone: 804-698-4407 Last EDR Contact: 07/08/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data A listing of enforcement actions.

Date of Government Version: 06/26/2019 Date Data Arrived at EDR: 06/27/2019 Date Made Active in Reports: 07/31/2019

Number of Days to Update: 34

Source: Department of Environmental Quality

Telephone: 804-698-4031 Last EDR Contact: 09/30/2019

Next Scheduled EDR Contact: 01/13/2020 Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/08/2019 Date Data Arrived at EDR: 05/09/2019 Date Made Active in Reports: 07/12/2019

Number of Days to Update: 64

Source: Department of Environmental Quality

Telephone: 804-698-4205 Last EDR Contact: 07/25/2019

Next Scheduled EDR Contact: 11/11/2019 Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information listing

Solid waste financial assurance information.

Date of Government Version: 05/02/2019 Date Data Arrived at EDR: 05/07/2019 Date Made Active in Reports: 07/12/2019

Number of Days to Update: 66

Source: Department of Environmental Quality

Telephone: 804-698-4123 Last EDR Contact: 07/25/2019

Next Scheduled EDR Contact: 11/11/2019

Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 01/20/2017 Date Made Active in Reports: 02/14/2017

Number of Days to Update: 25

Source: Department of Environmental Quality

Telephone: 804-698-4159 Last EDR Contact: 09/13/2019

Next Scheduled EDR Contact: 12/30/2019 Data Release Frequency: Annually

UIC: Underground Injection Control Wells

A listing of underground injection controls wells.

Date of Government Version: 04/30/2019 Date Data Arrived at EDR: 05/01/2019 Date Made Active in Reports: 06/28/2019

Number of Days to Update: 58

Source: Department of Mines, Minerals and Energy

Telephone: 276-415-9700 Last EDR Contact: 07/31/2019

Next Scheduled EDR Contact: 11/11/2019 Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Source: EDR, Inc. Date Data Arrived at EDR: N/A Telephone: N/A Last EDR Contact: N/A Date Made Active in Reports: N/A

Next Scheduled EDR Contact: N/A Number of Days to Update: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Virgina.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/20/2014

Number of Days to Update: 203

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Virgina and at the Regional VA Levels.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/15/2014 Number of Days to Update: 198

Source: Department of Environmental Quality Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 05/14/2019 Date Data Arrived at EDR: 05/14/2019 Date Made Active in Reports: 08/05/2019

Number of Days to Update: 83

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 08/07/2019

Next Scheduled EDR Contact: 11/25/2019 Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/16/2019

Number of Days to Update: 36

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/02/2019

Next Scheduled EDR Contact: 01/20/2020 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

facility.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 05/01/2019 Date Made Active in Reports: 06/21/2019

Number of Days to Update: 51

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 07/29/2019

Next Scheduled EDR Contact: 11/11/2019 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018 Date Data Arrived at EDR: 07/19/2019 Date Made Active in Reports: 09/10/2019

Number of Days to Update: 53

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 07/15/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 04/09/2018

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 08/16/2019

Next Scheduled EDR Contact: 12/02/2019 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/06/2019

Next Scheduled EDR Contact: 12/23/2019 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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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: Licensed Facilities Source: Department of Social Services

Telephone: 804-692-1900

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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