Martinsville Southern Connector Study
Route 220 Environmental Impact Statement

MARCH 2020

Hazardous Materials Technical Report

State Project #: 0220-044-052, P101; UPC: 110916
Federal Project #: STP-044-2(059)

Prepared in Coordination With:

U.S. Department of Transportation
Federal Highway Administration

HAZARDOUS MATERIALS TECHNICAL REPORT

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List of Acronyms

AIRS	Permitted Airs Facility List
ASTM	American Society for Testing and Materials
ASTs	Aboveground Storage Tanks
BRAC	Base Realignment and Closure
CAA	Clean Air Act
CDL	Clandestine Drug Lab
CEDS	Comprehensive Environmental Data System
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CESQG	Conditionally Exempt Small-Quantity Generator
CFR	Code of Federal Regulations
CORRACTS	Conservation and Recovery Act Corrective Action Site
DOD	Department of Defense
DSCA	Dry-Cleaning Solvent Cleanup Act
ECHO	Enforcement and Compliance History Online
EIS	Environmental Impact Statement
EO	Executive Order
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FOIA	Freedom of Information Act
FRB	Federal Remediation Branch
FY	Fiscal Year
FINDS	Facility Index System
FTTS	Federal Insecticide, Fungicide, and Rodenticide Act/Toxic Substance Control Act Tracking System
FUDS	Formerly Used Defense Sites
GIS	Geographic Information System
HMIRS	Hazardous Materials Information Reporting System
ICIS	Integrated Compliance Information System
LF	Landfill Database
LQG	Large-Quantity Generator
LTANKS	Leaking Petroleum Storage Tanks
LUSTs	Leaking Underground Storage Tanks
MGP	Manufactured Gas Plant
MLTS	Material License Tracking System
MPH	Miles per hour
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NEPA	National Environmental Policy Act
NFRAP	No Further Remedial Action Planned
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRC	Nuclear Regulatory Commission
OFD	One Federal Decision
PADS	Protected Areas Database
PCB	Polychlorinated biphenyls

PC	Pollution Compliant
PREP	Pollution Response Program
PRP	Potential Responsible Parties
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
REC	Recognized Environmental Condition
RGA	Recorded Government Activities
RMP	Risk Management Plan
RUST	Regional Underground Storage Tank
SARA	Superfund Amendments and Reauthorization Act
SQG	Small-Quantity Generator
SSTS	Section 7 Tracking Systems
SWF/LF	Solid Waste/Landfill Facilities
SYIP	Six Year Improvement Program
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substance Control Act
TSD	Treatment Storage and Disposal
UMTRA	Uranium Mill Tailing Remedial Action
USC	United States Code
USACE	United States Army Corps of Engineers
USDOT	United States Department of Transportation
USFWS	United States Fish and Wildlife Service
USTs	Underground Storage Tanks
VAC	Virginia Administrative Code
VCP	Voluntary Cleanup Program
VDEQ	Virginia Department of Environmental Quality
VDOT	Virginia Department of Transportation
VRP	Voluntary Remediation Program

1. INTRODUCTION

The Virginia Department of Transportation (VDOT), in coordination with the Federal Highway Administration (FHWA) as the Federal Lead Agency and in cooperation with the U.S. Army Corps of Engineers (USACE) and the U.S. Environmental Protection Agency (EPA), have prepared a Draft Environmental Impact Statement (EIS) for the Martinsville Southern Connector Study – Route 220 EIS (Martinsville Southern Connector Study). This study evaluates potential transportation improvements along the U.S. Route 220 (Route 220) corridor between the North Carolina state line and U.S. Route 58 (Route 58) in Henry County near the City of Martinsville (Martinsville), Virginia.

The Draft EIS and supporting technical documentation have been prepared pursuant to the National Environmental Policy Act of 1969 (NEPA), codified in 42 United States Code §4321-4347, as amended, and in accordance with FHWA regulations, found in 23 Code of Federal Regulations (CFR) §771. As part of the Draft EIS, the environmental review process has been carried out following the conditions and understanding of the *NEPA and Clean Water Act (Section 404) Merged Process for Highway Projects in Virginia* (merged process)[1]. The Martinsville Southern Connector Study also follows the One Federal Decision (OFD) process, which was enacted by Executive Order (EO) 13807: *Establishing Discipline and Accountability in the Environmental Review and Permitting Process for Infrastructure Projects* (82 FR 163)[2].

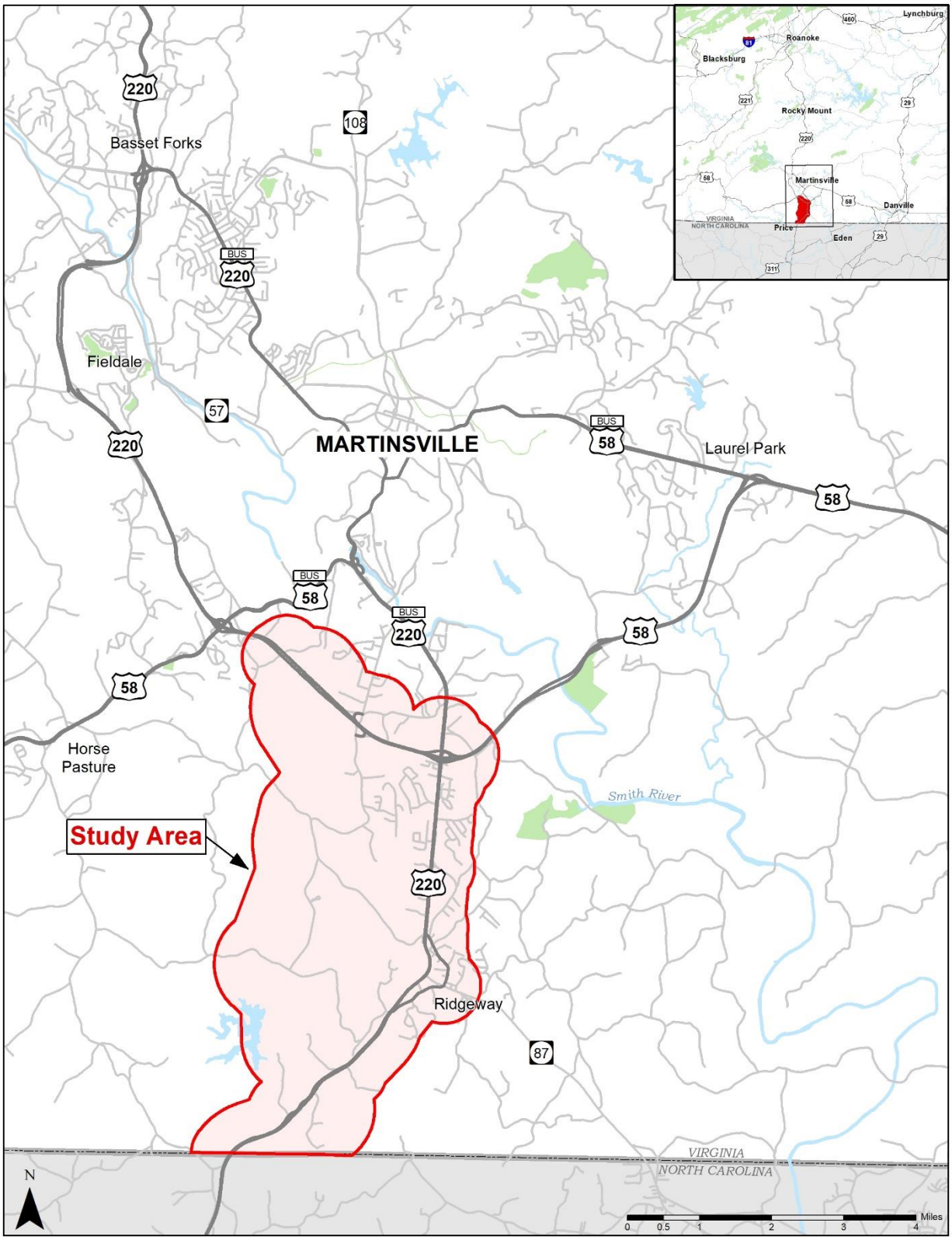
The study area for the Martinsville Southern Connector Study is located south of Martinsville in Henry County, Virginia (see **Figure 1-1**). Positioned on the southern border of Virginia, the study area is located approximately 60 miles southeast of the City of Roanoke (Roanoke) via Route 220, 30 miles west of the City of Danville via Route 58, and 40 miles north of the City of Greensboro in North Carolina via Interstate 73 and Route 220.

The study area encompasses approximately seven miles of the Route 220 corridor, between the interchange of Route 220 with the William F. Stone Highway and the North Carolina state line. Within the study area, existing Route 220 consists of a four-lane roadway, with two travel lanes in each direction. The William F. Stone Highway is signed as Route 58 to the east of its interchange with Route 220; west of the interchange, Route 220 is collocated with Route 58, as both bypass Martinsville. For the purposes of consistency in this study, portions of the William F. Stone Highway east and west of the Route 220 interchange are herein referred to as Route 58. The study area also includes the interchange of Route 58 at Route 641 (Joseph Martin Highway), approximately 1.25 miles west of Route 220. Additionally, the study area encompasses the Town of Ridgeway (Ridgeway), where Route 220 connects with Route 87 (Morehead Avenue), approximately three miles south of Route 58.

[1]Established under a memorandum of understanding between VDOT, FHWA, USACE, EPA, and the U.S. Fish and Wildlife Service (USFWS), the merged process establishes a procedure for coordinated environmental review and development of documentation in Virginia that complies with the requirements of NEPA and provides sufficient information to support Federal regulatory decision-making, including FHWA approval or permits issued by other Federal agencies.

[2]The Martinsville Southern Connector Study is following the OFD process, subsequent to receiving OFD designation by FHWA. OFD requires that major infrastructure projects have a single permitting timetable for synchronized environmental reviews and authorizations: www.permits.performance.gov/permitting-projects/us-route-58220-bypass-north-carolina-state-line-limited-access-study.

Figure 1-1: Study Area



The study area boundary for the Martinsville Southern Connector Study has been developed to assist with data collection efforts and the evaluation of alternatives retained for evaluation. The study area covers 12,873 acres and generally encompasses a one-half-mile buffer around the portion of existing Route 220, between the North Carolina state line and Route 58, and each alternative carried forward for evaluation. The study area was used in various instances during preliminary research and to establish an understanding of the potentially affected natural, cultural, and social resources that may be impacted by the improvements evaluated in the Draft EIS.

The purpose of this ***Hazardous Material Technical Report*** is to identify the locations of known and suspected hazardous material storage and/or release sites in relation to the alternatives retained for evaluation in the Draft EIS. Information in this report, described below, will support discussions presented in the Draft EIS.

1.1 PURPOSE AND NEED

Working with FHWA and the Cooperating and Participating Agencies, the Purpose and Need for the study was concurred upon on November 2018. The purpose of the Martinsville Southern Connector Study is to enhance mobility for both local and regional traffic traveling along Route 220 between the North Carolina state line and Route 58 near Martinsville, Virginia.

The Martinsville Southern Connector Study addresses the following needs:

- **Accommodate Regional Traffic** – current inconsistencies in access, travel speeds, and corridor composition along Route 220 inhibit mobility and creates unsafe conditions considering the high volume of truck and personal vehicle traffic traveling through the corridor to origins and destinations north and south of the study area;
- **Accommodate Local Traffic** – numerous, uncontrolled access configurations along Route 220, combined with high through traffic movement, create traffic delays and contribute to high crash rates for travelers within the corridor accessing residences, commercial buildings, and schools; and
- **Address Geometric Deficiencies and Inconsistencies** – current geometric conditions along Route 220, such as lane widths, horizontal curves, and stopping sight distances, are below current design standards and vary along the length of the corridor, resulting in safety concerns for all users.

1.2 ALTERNATIVES CARRIED FORWARD FOR EVALUATION

1.2.1 Alternatives Retained

VDOT, in coordination with FHWA, the Cooperating and Participating Agencies, and the general public, initially considered a broad range of alignment options to address the established Purpose and Need of the Martinsville Southern Connector Study. A number of these alignment options were not carried forward based on their inability to meet the Purpose and Need. Other alignment options were developed into alternatives for evaluation, but were not retained based on anticipated impacts to private property. As part of the public involvement process during the development of the Draft EIS, additional alternatives were suggested for evaluation. These options were similar to the alignment options initially considered and were not carried forward for evaluation based on their inability to address the identified Purpose and Need for the study.

The alternatives carried forward for evaluation and retained for detailed study in the Draft EIS are listed below:

- No-Build Alternative;
- Alternative A – New access-controlled alignment west of existing Route 220 with a new interchange with Route 58 to the west of Route 641 (Joseph Martin Highway) and reconstruction of the existing Route 220 alignment for approximately 0.5 miles from the North Carolina state line;
- Alternative B – New access-controlled alignment west of existing Route 220 and west of Magna Vista High School with reconstruction of the Joseph Martin Highway interchange at Route 58 and reconstruction of the existing Route 220 alignment for approximately 0.5 miles from the North Carolina state line; and
- Alternative C – New access-controlled alignment west of existing Route 220 and east of Magna Vista High School with reconstruction of the Joseph Martin Highway interchange at Route 58 and reconstruction of the existing Route 220 alignment for approximately 0.5 miles from the North Carolina state line.

These alternatives are described in the sections that follow. Additional information is included in the Draft EIS and supporting ***Alternatives Analysis Technical Report*** (VDOT, 2020a), including the process used to identify and screen alignment options, alternatives carried forward, and alternatives retained for detailed study.

Based on the detailed study of the alternatives retained for evaluation, Alternative C has been identified in the Draft EIS as the Preferred Alternative.

1.2.1.1 No-Build Alternative

In accordance with the regulations for implementing NEPA [40 CFR §1502.14(d)], the No-Build Alternative has been included for evaluation as a basis for the comparison of future conditions and impacts. The No-Build Alternative would retain the Route 220 roadway and associated intersections and interchanges in their present configuration, allowing for routine maintenance and safety upgrades.

This alternative assumes no major improvements within the study area, except for previously committed projects that are currently programmed and funded in VDOT's *Six Year Improvement Plan (SYIP) for Fiscal Year (FY) 2020-2025* (VDOT, 2019) and Henry County's *Budget for FY 2019-2020* (Henry County, 2019). As these other projects are independent of the evaluated alternatives, they are not evaluated as part of the Draft EIS and supporting documentation.

1.2.1.2 Alternative A

Alternative A would consist of a new roadway alignment that is primarily to the west of existing Route 220. Under Alternative A, access would be controlled and provided at three new interchanges. It is assumed that interchanges would be provided at both ends of the facility and one would be located along the corridor. For the purposes of the analyses in the Draft EIS and supporting documentation, it is assumed this third interchange would occur at Route 687 (Soapstone Road). The reconstructed portion of Route 220, along with the new alignment, would incorporate full access control.

Beginning at the North Carolina state line, Alternative A would reconstruct Route 220 for approximately one mile, where it would shift eastward on a new alignment before turning to the north to cross over the Norfolk Southern railroad. The wide curve in this location would allow for an adequate turning radius to meet design standards for the arterial facility with a 60 mph design speed and minimize potential impacts to residents in the vicinity of J.B. Dalton Road. A new interchange to access a realigned existing Route 220 would be constructed near Route 689 (Reservoir Road) and Route 971 (J.B. Dalton Road). After crossing the railroad, the new

alignment would parallel White House Road along its south side and then shift to the northwest crossing Patterson Branch. The alignment would then shift to the north, following a small ridge between Patterson Branch and a tributary to Marrowbone Creek, before crossing Marrowbone Creek east of Marrowbone Dam. The alignment would continue north and to the west of a large farm/open field, crossing tributaries of Marrowbone Creek. The alignment would shift eastward and cross over Route 688 (Lee Ford Camp Road), Stillhouse Run, and a floodplain. After crossing Stillhouse Run, the alignment would shift northward and continue for approximately one mile. The alignment would then continue north reaching Soapstone Road, where a new interchange would be provided, west of the intersection with Joseph Martin Highway. An interchange with Alternative A is proposed at Soapstone Road. The alignment would then turn to the northeast to cross three minor tributaries to Marrowbone Creek. The alignment continues in a northerly direction with a new interchange at Route 58, west of the interchange at Joseph Martin Highway.

1.2.1.3 Alternative B

Alternative B would consist of a new roadway alignment that is primarily to the west of existing Route 220. Under Alternative B, access would be controlled and provided at two new interchanges and a modified interchange at Route 58 and the Joseph Martin Highway. For the purpose of this study, it is assumed that new interchanges would be provided at the southern end of the facility and at Soapstone Road. If this alternative were to advance to a phase of more detailed design, the final interchange locations and configurations would be refined. The reconstructed portion of Route 220, along with the new alignment, would incorporate access control.

Beginning at the North Carolina state line, Alternative B would reconstruct Route 220 for approximately one mile, where it would shift eastward before turning to the north to cross over the Norfolk Southern railroad. The wide horizontal curve in this location would allow for an adequate turning radius to meet design standards for the arterial facility with a 60 mph design speed, as well as minimize potential impacts to residents in the vicinity of J.B. Dalton Road. A new interchange to access a realigned existing Route 220 would be constructed near Reservoir Road and J.B. Dalton Road. After crossing the railroad, the new alignment would parallel White House Road along its south side and then shift to the northwest prior to crossing Patterson Branch. The alignment would then gradually shift from the northwest to the northeast and cross three tributaries to Marrowbone Creek. The alignment would continue in a northeasterly direction over Lee Ford Camp Road, where it would pass to the east of the Marrowbone Plantation, shifting northwest to cross Marrowbone Creek. After crossing Marrowbone Creek, Alternative B would continue to the northwest, crossing Magna Vista School Road south of Magna Vista High School, then paralleling Magna Vista School Road west of the high school up to a new interchange with Soapstone Road. The new interchange at Soapstone Road would require the relocation of a portion of Magna Vista School Road. From the Soapstone Road interchange, the alignment would continue to the northeast and cross two minor tributaries before shifting to the north. The alignment would then shift to the northeast to cross Little Marrowbone Creek and tie in with Joseph Martin Highway at its interchange with Route 58, requiring modifications to the existing interchange configuration to provide a more direct connection between Route 58 and the new roadway. The reconstructed portion of Route 220 at the southern end, along with the new alignment, would be an access-controlled facility.

1.2.1.4 Alternative C (Preferred Alternative)

Alternative C would consist of a new roadway alignment that is primarily to the west of existing Route 220. Alternative C was developed as a modification of the initially considered Alignment Option 4C based on agency comments, with the primary changes occurring north of Soapstone

Road. Alignment Option 4C originally included an interchange between Joseph Martin Highway and Route 220; however, adequate spacing could not be provided to accommodate all movements. Therefore, the alignment was shifted to tie in at the location of the existing Joseph Martin Highway interchange. Under Alternative C, access would be controlled and provided at two new interchanges and a modified interchange at Route 220/Route 58 and Joseph Martin Highway. For the purposes of the analyses in the Draft EIS it is assumed that new interchanges would be provided at the southern end of the facility and at Soapstone Road. If this alternative were to advance to a phase of more detailed design, the final interchange locations and configuration would be refined. The reconstructed portion of Route 220, along with the new alignment, would incorporate access control.

Beginning at the North Carolina state line, Alternative C would reconstruct Route 220 for approximately one mile, where it would shift eastward on a new alignment before turning to the north to cross over the Norfolk Southern railroad. The wide curve in this location would allow for an adequate turning radius to meet design standards for the arterial facility with a 60 mph design speed, and minimize potential impacts to residents in the vicinity of J.B. Dalton Road. A new interchange to access a realigned existing Route 220 would be constructed near Reservoir Road and J.B. Dalton Road. After crossing the railroad, the new alignment would continue northward for approximately 1.5 miles, crossing White House Road and a tributary to Marrowbone Creek. The alignment would then shift to the northeast to cross Lee Ford Camp Road. Alternative C would then shift northward and continue east of Magna Vista High School and Marrowbone Creek and parallel the Pace Airport to the east. After passing Pace airport, the alignment would shift to the northeast and cross Soapstone Road to the east of Marrowbone Creek. A new interchange with Alternative C would be constructed at Soapstone Road. North of Soapstone Road, the alignment would shift west and cross Joseph Martin Highway. The alignment would continue to the northwest and cross two tributaries before shifting to the north. The alignment would then shift to the northeast to cross Little Marrowbone Creek and tie in with Joseph Martin Highway at the existing interchange location with Route 58. This would require modifications to the existing interchange to provide a more direct connection between Route 58 and the new roadway.

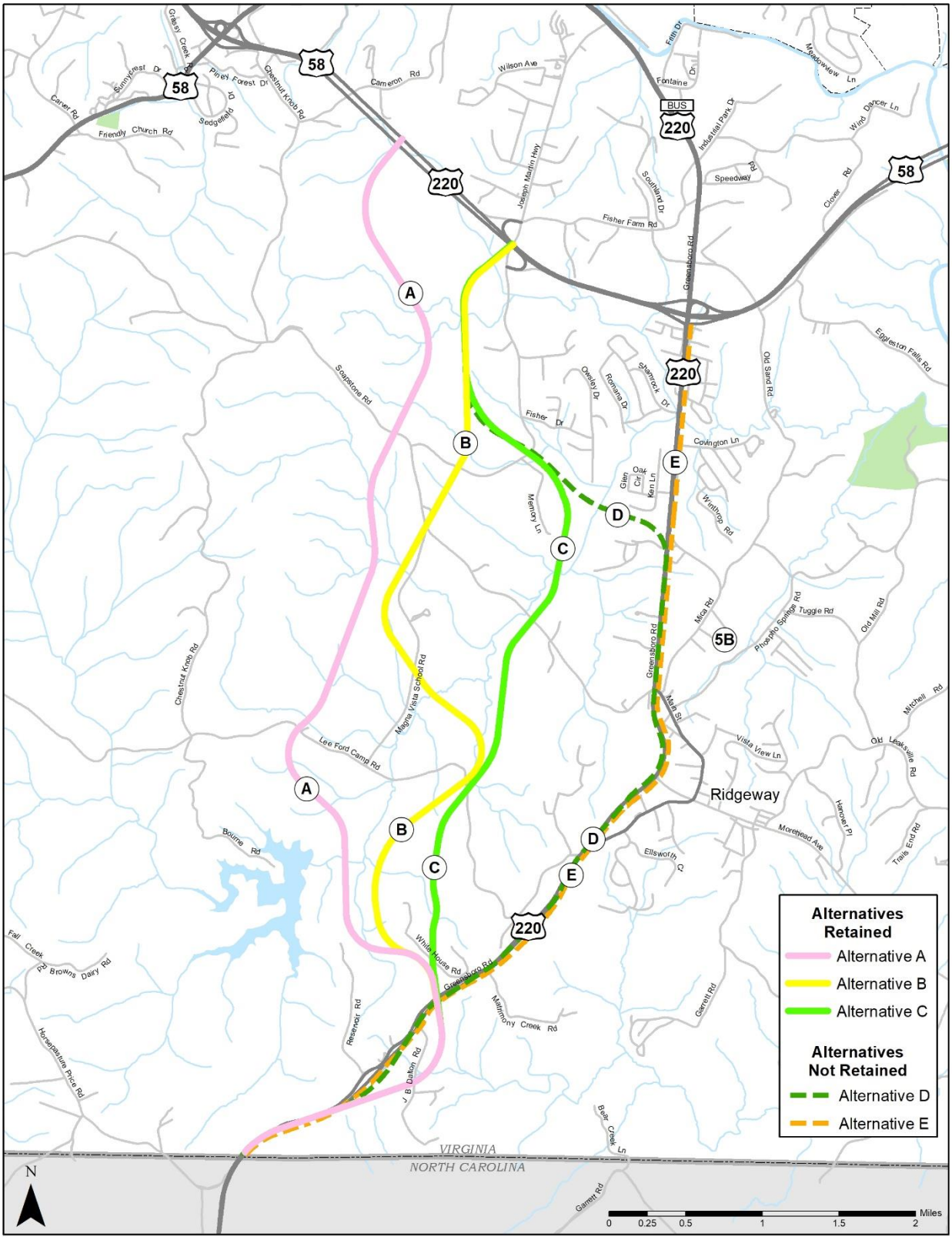
1.2.2 Alternatives Not Retained

As part of the alternatives development process for the Draft EIS, the following alternatives were carried forward for evaluation, but have not been retained for detailed study in the Draft EIS, based on their anticipated impacts to private properties. However, these alternatives were evaluated to a sufficient level of detail to eliminate them from further consideration and detailed study in the Draft EIS. While this Technical Report does not include the analysis of Alternatives D and E, other technical reports, such as the ***Natural Resources Technical Report*** (VDOT, 2020d), were prepared prior to the elimination of alternatives and thus include the following two alternatives, which are summarized in the sections that follow.

- Alternative D – Reconstruct Route 220 as an access-controlled roadway, with a spur on new alignment north of Ridgeway and reconstruct the Joseph Martin interchange at Route 58; and
- Alternative E – Reconstruct Route 220 as an access-controlled roadway, consolidating access to interchanges at select locations.

These alternatives, as well as those previously described that have been retained for detailed analysis in the Draft EIS, are illustrated on **Figure 1-2**.

Figure 1-2: Route 220 Alternative Alignment Map



1.2.1.1 Alternative D

Alternative D would consist of reconstructing existing Route 220 as an access-controlled roadway for approximately 5.6 miles from the North Carolina state line where it would then divert to the west on a new access-controlled roadway just north of Water Plant Road. Under Alternative D, access would be controlled and provided at three new interchanges and a modified interchange at Route 58 and the Joseph Martin Highway. South of Water Plant Road, access to the new roadway would be made via frontage roads and new interchanges near Reservoir Road and at Morehead Avenue. A new structure providing access to Route 220 would be located at Lee Ford Camp Road/Church Street. At Water Plant Road an interchange is suggested where the new roadway branches from Route 220 to provide direct access between the new roadway and Route 220 to the north. From this interchange, the new alignment would proceed northwest, crossing Marrowbone Creek and then parallels a tributary of Marrowbone Creek to beyond Joseph Martin Highway. The alignment then shifts northward and follows the same alignments as Alternatives B and C just north of the Radial warehouse site to the tie-in location with Route 58. Modifications to the existing interchange at Route 58 and Joseph Martin Highway would be required with this alternative. The reconstructed portion of Route 220, along with the new alignment, would incorporate access control.

1.2.2.2 Alternative E

Alternative E would consist of fully reconstructing existing Route 220 as an access-controlled roadway between the North Carolina state line and Route 58, removing all direct connections of existing driveways and side streets to Route 220.

Under Alternative E, access would be controlled and provided only at interchanges at various locations in the corridor. Existing residential and commercial driveways would be directed to frontage roads that parallel the roadway, ultimately connecting to Route 220 at interchanges. New interchanges to provide frontage road access to Route 220 are located at Reservoir Road and at Morehead Avenue. Structures over or under the new Route 220 roadway are included at Lee Ford Camp Road/Church Street and Soapstone Road/Main Street to provide east-west connectivity. The Route 220 interchange at Route 58 would be modified to provide direct access between the new roadway, Route 58, and Business Route 220 to the north.

1.3 METHODS

To meet the study objectives, the following work tasks were performed in general conformance with the guidelines outlined in the American Society for Testing and Materials (ASTM) Standard E1527-13 and the EPA All Appropriate Inquiry (AAI) Rule [40 CR) Part 312]:

- Compilation and review of information on file with appropriate Federal, state, and local environmental regulatory agencies.
- A field reconnaissance was performed within and proximal to the Inventory Corridors of the three alternatives being evaluated in the Draft EIS.

This technical report does not include file reviews of the above referenced database reports or comprehensive site reconnaissance of the identified sites. Interviews of property owners were not performed, and site-specific information on file with the EPA or Virginia Department of Environmental Quality (VDEQ) was not reviewed for the identified sites.

The Martinsville Southern Connector study area is shown on **Figure 1-1**. The alternative polygons shown on **Figures 3-1** through **3-3**, in **Section 3**, present the Inventory Corridors for each alternative. The Inventory Corridors consist of an approximate 400-foot wide base corridor with expansions at roadway intersections/ interchanges.

1.3.1 Database Review

A records search was performed by Envirosite Corporation to identify properties within and

proximal to the Alternative Inventory Corridors that are listed in databases maintained by the EPA and the VDEQ. The Envirosite Report searches multiple Federal and state environmental related databases and maps the database findings within the search radius. All the database search distances in the Envirosite report were based on the appropriate minimum search distance requirements of the ASTM standard. These search distances for each database reviewed are listed on pages 19-23 of the database report, which includes a detailed description of the acronyms used in this section (see **Appendix A)**.

1.3.2 Significant Assumptions

It is assumed that the information documented in the Federal and state environmental database records is accurate and up-to-date.

1.3.3 Limitations and Exceptions

Text In addition to the limitations set forth in ASTM Standard E1527-13, the accuracy and completeness of this report is necessarily limited by access limitations, physical limitations to observations (i.e. snow, rain, asphalt, buildings, etc.), information requested but not available at time of report preparation, and the following:

1. The Chesapeake Custom Chemical Company located at 126 Reservoir Road in Ridgeway, Virginia was not accessed. Sufficient observations and photographs were taken of the facility from the adjoining public roadway.
2. None of the interiors of the existing buildings for the properties identified in the database records were accessed during field reconnaissance.
3. No VDEQ Freedom of Information Act (FOIA) documentation or historical aerial photographs/ topographic maps were obtained/reviewed for any of the locations identified as part of this technical report.

2. SITE DESCRIPTION AND PHYSICAL SETTING

2.1 PHYSICAL SETTING

The following subsections of this report describe the general topography, geology, and soils for the study area.

2.1.1 Topography

The study area and Alternatives Inventory Corridors are in south-central Henry County within the inner Piedmont Physiographic Province. The topography of the study area consists of hilly terrain dissected by numerous stream valleys that display typical dendritic drainage patterns. Topographic relief in the study area ranges from approximately 220 feet to 340 feet above mean sea level, with higher elevations west of Alternative A and the lowest elevations in the stream valleys for Little Marrowbone Creek and Marrowbone Creek. Marrowbone Creek flows northeast through the study area, turns east proximal to its crossing with Route 220, and flows approximately two-miles before discharging to the Smith River. The Smith River is a tributary of the Dan River.

2.1.2 Geology

The bedrock geology of the study area consists of Late Precambrian metasedimentary and metaplutonic rocks and Cambrian plutonic rocks. Bedrock is typically overlain by up to 30 feet of deeply weathered rock (saprolite) and thick soils (residuum). Outcrops are commonly limited to stream valleys and steep slopes where the saprolite and residuum have been removed by erosion. Rocks from various structural features are found in Henry County, including those from the Smith River Allochthon, the Sauratown Mountains Anticlinorium, and the Danville Basin. Geological formations underlying the study area are described below.

2.1.2.1 Rich Acres Formation

The Rich Acres Formation is a Cambrian plutonic igneous rock that consists of dark greenish-gray medium-grained biotite-hornblende gabbro. Mafic dikes and sills are also observed cross-cutting this formation. This is the most extensive geologic formation underlying the study area and is part of the Martinsville Igneous Complex.

2.1.2.2 Fork Mountain Formation

The Fork Mountain Formation is a Late Paleozoic-Early Cambrian metasedimentary rock formation composed of medium-grained mica schist interlayered with garnet-biotite gneiss. This formation is associated with the Smith River Allochthon and displays extensive thermal metamorphic zones from intrusive contacts with the Martinsville Igneous Complex.

2.1.2.3 Bassett Formation – Biotite Gneiss and Granite Gneiss

The Bassett Formation is a Late Proterozoic metaplutonic rock associated with the Smith River Allochthon. The biotite gneiss and granite gneiss variation of this formation includes both metamorphosed sedimentary and plutonic rocks. Medium-grained biotite gneiss is interlayered with muscovite-biotite schist, quartz schist, epidote quartzite and localized medium grained quartzofeldspathic granofels. Gneisses are cut by numerous granite dikes and sills proximal to the contact with the Martinsville Igneous Complex.

2.1.2.4 Ultramafic Rocks

Isolated areas in Henry County are underlain by metamorphosed ultramafic rocks of Late Proterozoic to Early Cambrian age. Rocks are predominantly comprised of talc chlorite-actinolite or talc-tremolite schists. These formations occur in elongated, lenticular bodies that trend parallel to the schistosity of surrounding geological formations.

2.1.3 Soils

Soils in the study area occur in a variety of physical settings (e.g., stream valleys, hillslopes, floodplains, etc.) Soils are predominantly loamy-textured and well-drained. Most soils are derived from residuum weathered from igneous and metamorphic rocks and slope wash colluvium. Floodplain soils along the major stream valleys are developed from alluvium.

2.1.4 Hydrogeology

Groundwater within the study area occurs in unconfined conditions within the upper part of the bedrock and lower portions of the overlying saprolite and residuum. Depth to groundwater ranges from 0 feet along the stream valleys to 30 to 50 feet along the uplands. Groundwater flow typically mirrors surface topography with groundwater flow from upland recharge areas toward low lying stream valleys where groundwater is discharged to the surface water system and associated wetlands.

2.1.5 Study Area General Characteristics

Land use in the study area in south-central Henry County, Virginia generally consists of a mix of residential, light commercial/industrial, agricultural, and undeveloped woodlands. Along the existing Route 220, land use consists primarily of light commercial/industrial development with interspersed areas of residential development. The northern portion of the study area along Route 58/220 contains a mixture of residential and light commercial development. South of the town limits for Ridgeway, development becomes sparser, with most development located along Route 220. West of Route 220, the land use for the majority of the Build Alternatives is undeveloped, rural land with interspersed rural residential properties and large areas of undeveloped woodlands.

3. RECORDS REVIEW

3.1 STANDARD ENVIRONMENTAL RECORD SOURCES

In order to identify and assess hazardous materials, potentially affecting or affected by the three alternatives under evaluation, Envirosite Corporation was utilized to perform a search of Federal and State regulatory agency databases within the study area to identify potential sites with Recognized Environmental Conditions (RECs). The Envirosite Government Records Report is included as **Appendix A**, which "maps" the database findings within the study area. The databases that were searched to generate the Envirosite Report are summarized in **Table 3-1**.

Table 3-1: Federal, Proprietary, & State Databases Searched by Envirosite

Database	Definition
NPL	National Priorities List (NPL) (Superfund). Hazardous waste sites targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS).
Proposed NPL	Proposed National Priority List Sites.
NPL LIENS	Federal Superfund Liens.
Delisted NPL	Delisted NPL. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that EPA uses to delete sites from the NPL.
CERCLIS	Sites that are proposed for or on the NPL, or in the screening or assessment phase for possible inclusion on the NPL.
FEDERL FACILIY	Federal Facility Site Information listing. A listing of NPL and Base Realignment and Closure (BRAC) sites found in CERCLIS Database where the EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.
CERCLIS - NFRAP	Archived CERCLIS sites with a status of No Further Remedial Action Planned (NFRAP), denoting sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. The NFRAP status does not necessarily indicate that no environmental concerns are present.
CORRACTS	Resource Conservation and Recovery Act Corrective Action Sites (CORRACTS). Hazardous waste handlers with Resource Conservation and Recovery Act (RCRA) corrective action activity.
CORRAT 2020 CORACTION	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 yet been fully investigated 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.
RCRA TSDF	Resource Conservation and Recovery Information System (RCRIS), Treatment, Storage, and Disposal (TSD) facilities. Hazardous waste handlers.
RCRA-LQG	RCRIS sites that are large-quantity generators (LQG) of hazardous waste. LQGs generate over 1,000 kg of hazardous waste, or over 1 kg of acutely hazardous waste per month.
RCRA-SQG	RCRA sites that are small-quantity generators (SQG). SQGs generate 100 kg and 1,000 kg of hazardous waste per month.
RCRA-CESQG	RCRA-Conditionally Exempt Small-Quantity Generators (CESQG). CESQGs generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Database	Definition
US ENG CONTROLS	Engineering Controls Sites List. A list of sites with engineering controls in place including various forms of caps, building foundations, liners, and treatment methods.
US INST CONTROL	Sites with Institutional Controls. A listing of sites with institutional controls in place, including administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements.
LUCIS	Land Use control information pertaining to the former Navy Base Realignment and Closure properties.
ERNS	Emergency Response Notification System. Releases of oil and hazardous substances.
US BROWN-FIELDS	A listing of Brownfield sites.
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations. A listing of illegal dump sites located on the Torres Martinez Indian Reservation located in eastern Riverside and northern Imperial County, California.
ODI	Open Dump Inventory: Disposal facility that does not comply with one or more of
US CDL	Clandestine Drug Lab (CDL) Database. Locations listed by the US Department of Justice.
US HIST CDL	A listing of historical clandestine drug lab locations.
LIENS 2	Comprehensive Environmental Response, Compensation, and Liability Act (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.
HMIRS	Hazardous Materials Information Reporting System Database (HMIRS). A list of release incident information reported to the U.S. Department of Transportation (USDOT) by carriers of hazardous materials.
RCRA-NonGen	RCRA-Non Generators. Non-Generators do not presently generate hazardous waste.
DOT OPS	Incident and Accident Data from the Department of Transportation, Office of Pipeline Safety Incident and Accident Data.
DOD	Department of Defense Sites (DOD). Data set of Federally owned or administered lands having area equal to or greater than 640 acres of the US, Puerto Rico, and the US Virgin Islands.
FUDS	Formerly used Defense sites (FUDS) where USACE will conduct necessary cleanup actions.
CONSENT	Superfund (CERCLA) Consent Decrees. Major legal settlements that establish responsibility and standard for cleanup at NPL (Superfund) sites.
ROD	NPL (Superfund) site containing technical and health information to aid in the cleanup.
UMTRA	Uranium Mill Tailing Remedial Action (UMTRA) Sites. (Mined by private companies for Federal government use in national defense programs).
MINES	Mines Master Index File containing all mine identification numbers issued for mines active or opened since 1971.
TRIS	Toxic Chemical Release Inventory System (TRIS). TRIS identifies facilities which release toxic chemicals into the air, water, and land in reportable quantities.
TSCA	Toxic Substance Control Act (TSCA). An inventory, which includes locations and chemical production of more than 700 processors and manufacturers of chemicals.
FTTS	Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)/TSCA Tracking System (FTTS). National Compliance Database tracking administrative cases and pesticide enforcement actions and compliance activities related FIFRA, TSCA, and Emergency Planning and Community Right-to-Know Act (EPCRA).
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing. Information was obtained from the National Compliance Database. May include data not in newer FTTS database.
SSTS	Section 7 Tracking Systems (SSTS) of the Federal Insecticide, Fungicide, and Rodenticide Act.
ICIS	Integrated Compliance Information System (ICIS) supports information needs of the national enforcement and compliance program as well as the unique needs of the National

Database	Definition
	Pollutant Discharge Elimination System (NPDES) program.
PADS	Polychlorinated biphenyls (PCB) Activity Database System. The Protected Areas Database (PADS) stores information about facilities that handle PCBs.
MLTS	Material License Tracking System (MLTS). MLTS contains information on sites licensed by the Nuclear Regulatory Commission (NRC) to handle radioactive materials.
RADINFO	Radiation Information Database. EPA regulated facilities for radiation and radioactivity.
FINDS	Facility Index System. (FINDS) An inventory of all facilities that are regulated or tracked by EPA.
ECHO	Enforcement & Compliance History Information (ECHO). ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.
(VA) NPDES	Virginia's NPDES program.
SCRD DRY-CLEANERS	State Coalition for Remediation of Dry-cleaners listing.
PRP	Potentially Responsible Parties (PRP). A listing of verified Potentially Responsible Parties.
EPA WATCHLIST	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.
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 cleanup, closure, and post-closure care of their facilities.
PCB TRANS-FORMER	EPA's PCB Transformer Registration Database.
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List. A listing of coal combustion residues surface impoundments with high hazard potential ratings.
COAL ASH DOE	Stream-Electric Plant Operation Data. A listing of power plants that store ash in surface ponds.
2020 COR ACTION	2020 Corrective Action Program List. RCRA cleanup baseline includes facilities expected to need corrective action, including heavily contaminated sites, previously contaminated sites that have been cleaned up, and others that have not been fully investigated.
FEMA UST	A listing of all Federal Emergency Management Agency (FEMA) owned underground storage tanks (USTs).
Envirosite Proprietary Records	
Manufactured Gas Plants	Database including records of coal gas plants used in the US from the 1800's to the 1950's.
State (Virginia) Databases	
SWF/LF	Solid Waste/Landfill Facilities (SWF/LF). Inventory of solid waste disposal facilities or landfills in a particular state. May be active or inactive facilities, depending on the state, or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.
(VA) LUST	Leaking Underground Storage Tank (LUST) Tracking Database.
(VA) RGA LUST	Recorded Government Archives (RGA) LUST Database.
(VA) RGA LF	RGA Landfill Database (LF).
(VA) LTANKS	Leaking Petroleum Storage Tanks (LTANKS). Includes releases of petroleum from USTs and aboveground storage tanks (ASTs).
USTs	Registered Petroleum USTs.
ASTs	Registered Petroleum ASTs.
Regional SPILLS	Regional Department of Environmental Quality-Pollution Response Program (PREP) provides for responses to air, water, and waste pollution incidents in order to protect

Database	Definition
	human health and the environment.
Historical SPILLS	Pollution Complaint Database. Database includes the initial release reporting of LUSTs and all other releases of petroleum to the environment and state waters. Database is current through 12/1/1993.
Hist Auto	Sites documented as current or historic automotive repair or fueling facilities.
Hist Cleaners	Sites documented as historic dry-cleaning facilities.
ENG CONTROLS	Engineering Controls Sites Listing. A listing of sites with Engineering Controls in place such as caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or affect human health.
INST CONTROL	Sites included in the Voluntary Cleanup Program Database that have deed restrictions.
VRP/VCP	Voluntary Remediation Program/Voluntary Cleanup Program (VRP/VCP).
DRY CLEANERS	A listing of dry-cleaners.
BROWN-FIELDS	Brownfields Site Specific Assessments. Meets 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.
(VA) ENF	Enforcement Actions Data.
CEDS	Comprehensive Environmental Data System (CEDS). Virginia Water Protection Permits, Virginia Pollution Discharge System (point discharge) permits and Virginia Pollution Abatement (no point discharge) permits.
AIRS	Permitted Airs Facility List (AIRS). A listing of permitted Airs facilities.
TIER 2	A list of facilities which store or manufacture hazardous materials.
FINANCIAL ASSURANCE	A listing of financial assurance information for UST facilities; intended to ensure that resources are available to pay for cost of closure, post-closure care, and corrective measures if the owner or operator is unable or unwilling to pay.
COAL ASH	Coal Ash Disposal Sites. A listing of facilities with coal ash impoundments.
State (North Carolina) Databases	
BFA	Location and Completed Brownfields Sites recorded in the NC DENR Division of Waste Management Brownfields Program Database.
DSCA	Location address and status information for site that have been certified into the Dry Cleaning Solvent Cleanup Act (DSCA) Program.
HW Sites	Location of sites within North Carolina that are regulated by the hazardous waste portions of RCRA.
IH Sites	Inactive Hazardous substance spill and disposal sites including active and inactive facilities and a variety of property types. The term “inactive” refers to the fact that cleanup was inactive at large numbers of sites at the time of program enactment. The Inactive Hazardous Sites database includes closed remediation sites that have land use restrictions recorded as part of the remedy.
MGP Sites	Location of Manufactured Gas Plant (MGP) sites participating in the MGP Assessment and Remediation Program as described in the Administrative Order on Consent 00-SF-192.
Active Permitted Landfills	Locations of landfills that are permitted by the State and are actively accepting waste.
Pre-Regulatory Landfill Site	Locations of non-permitted landfills that closed prior to January 1, 1983 when waste disposal permitting regulations commenced. Locations are on or near entrance of site.
RUST Incidents	The Regional Underground Storage Tank (RUST) database includes all underground storage tank incidents and release reports which have become incidents.
FRB Sites	The Federal Remediation Branch (FRB) works cooperatively with the EPA to implement the Federal Superfund program under CERCLA as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA).

3.2 REGULATORY DATABASES

Thirteen sites associated with 22 database listings were listed within or proximal to the Alternative Inventory Corridors as summarized below. The regulatory and field identified sites (see **Section 4**) within or proximal to the Alternative Inventory Corridors are depicted on **Figures 3-1 and 3-2**. Note that some of the sites share the same physical address or site name.

- 1 RCRA-SQG;
- 8 USTs;
- 7 LPTs;
- 1 HIST LPT;
- 1 SPILLS-VA;
- 1 Archived SPILLS -VA;
- 1 AFS;
- 1 CEDS;
- 1 CERCLIS NFRAP; and
- 1 RMP facility as required by the Clean Air Act (CAA).

The regulatory identified sites within and proximal to each alternative Inventory Corridor are presented in the following subsections.

3.2.1 Alternative A Regulatory Database Results

As summarized in **Table 3-2** and depicted on **Figure 3-1**, 21 unique Envirosite IDs were identified at 13 sites within or proximal to the Alternative A Inventory Corridor. Eight sites associated with 12 regulatory database listings are proximal but outside the Inventory Corridor for Alternative A. Seven of the unique IDs are associated with seven regulatory database listings at five sites within the Inventory Corridor. Following is a summary of the database listings at the five sites within the Inventory Corridor for Alternative A:

- 1 SPILLS;
- 4 USTs;
- 1 CEDs;
- 1 RMP; and
- 1 CERCLIS NFRAP.

Table 3-2: Alternative A Regulatory Sites Identified by Envirosite Corporation

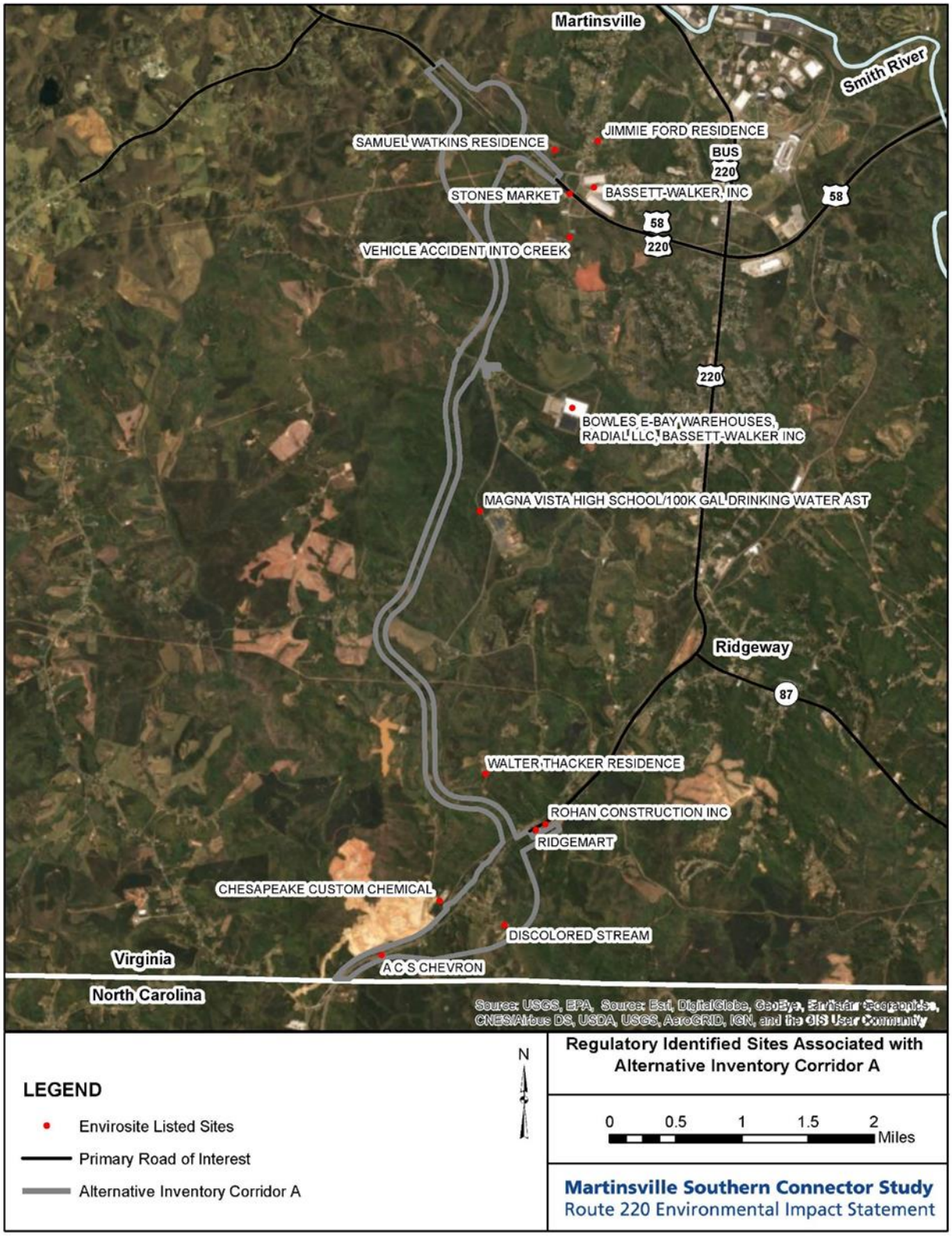
Envirosite ID & Database Listing	Site Name & ID	Address	Within Inventory Corridor	Location Relative to Inventory Corridor	Notes
19 SPILLS - VA	Discolored Stream IR # 2010-W- 2930	184 Carolina Way, Ridgeway VA 24148	Yes	Unnamed tributary to Matrimony Creek; proximate to 184 Carolina Way	Discoloration in the creek in April 2010. VDEQ did not confirm evidence of discoloration in the creek. IR# 2010-W- 2930 closed in February 2011.
D15, D16 UST - VA	Ridgemart/ Greensboro Stop & Shop Fac. ID - 2023161 CEDS ID - 2000000891 12	10079 Greensboro Rd, Ridgeway, VA 24148	Yes	Southwest of the intersection with Matrimony Creek Road (VA 734)	Three 6,000-gallon gasoline USTs and one 6,000-diesel fuel UST installed on site in 01/90. One 2,000-gallon diesel UST installed in 03/07; listed as temporarily out of use. No reported releases documented at the property.
D17 UST - VA	Rohan Construction, Inc. FAC ID - 2001514 CEDS ID - 2000000891 48	10151 Greensboro Rd, Ridgeway, VA 24148	Yes	Southwest of the intersection with Matrimony Creek Road (VA 734). Adjoins Ridgemart Greensboro Stop and Shop to the southwest	Currently Eastwood Towing & Recovery. Three gasoline USTs and one diesel fuel UST of unknown volumes closed in the ground in 05/75. Evidence of the closed in place USTs not observed during site recon.
20 UST - VA	ACS Chevron FAC ID - 2001893 CEDS ID - 2000000904 39	11689 Greensboro Rd, Ridgeway, VA 24148	Yes	Southernmost limits of Alternative A	Building is abandoned. Three 6,000-gallon gasoline USTs and one 2,000-gallon diesel fuel UST closed in the ground in 09/82. Closed in place USTs and suspected fuel islands observed during site recon.
I36 UST - VA	Southeastern Adhesives Co./ Chesapeake Custom Chemical Co. FAC ID - 2001217 CEDS ID - 2000008818 99	126 Reservoir Rd. Ridgeway, VA 24148	Yes	Northwest of Route 220 Intersection with VA 689.	One 10,000-gallon gasoline UST removed in 10/84. Several ASTs (unknown contents) visible from the road. ASTs not listed in the Envirosite Database Report.
I37 CEDS-VA RMP , CERCLIS - NFRAP	Southeastern Adhesives Co./ Chesapeake Custom Chemical Co. FAC Reg ID 1000001306	126 Reservoir Rd. Ridgeway, VA 24148	Yes	Northwest of Route 220 Intersection with VA 689.	Remedial management plan (RMP) completed in 1998-1999; operated as the Southeastern Adhesives Co. RMP for storage 100,000-gallons formaldehyde solution. No

Envirosite ID & Database Listing	Site Name & ID	Address	Within Inventory Corridor	Location Relative to Inventory Corridor	Notes
	72 FAC ID - 2001217 CEDS ID - 2000000831 19				accidents or spills listed in relation to the RMP or formaldehyde.
18 UST – VA LPT - VA	Stones Market FAC ID - 2026176 CEDS ID – 2000000892 04 PC # 1991-0950	Route 4 Box 499 Martinsville, VA 24112	No	0.125-mi SE – Higher Elevation[1]	Three gasoline USTs removed from the ground in 08/91. No evidence of a former gas station at this location.
F25, F26, F27 UST – VA LPT - VA	Bassett-Walker, Inc.– Distribution Center FAC ID - 2023267 CEDS ID – 2000000887 79	1501 Joseph Martin Hwy. Martinsville, VA 24112	No	0.25-mi E – Higher Elevation	Three large warehouses with large water AST. Currently operated as Virginia Logistics, LLC. No fuel or any USTs were ever located at this facility. All fuel storage was at 3375-3379 Joseph Martin Hwy.; currently operated as Radial, LLC (see **L46, L47**, and **L58**).
51 LPT - VA	Walter Thacker Residence PC # 2015- 2088 CEDS ID - 2000008789 17	525 White House Rd. Ridgeway, VA 24148	No	0.21-mi NE – Higher Elevation	Release reported 09/14. PC# 2015- 2088 closed 11/14.
L46, L47 UST - VA HIST LPT - VA	Bassett-Walker, Inc FAC ID - 2000342 CEDS ID – 2000000829 71	3375 Joseph Martin Hwy. Martinsville, VA 24112	No	0.80 mi E – Higher Elevation	Four 10,000-gallon No. 2 fuel oil USTs; permanently out of service 10/85. Two 10,000-gallon USTs (gasoline and diesel fuel) installed in 02/76; removed in 06/96. Two 30,000-gallon No. 2 fuel oil USTs installed 02/68; closed in ground in 06/95. PC# 1997-1010 closed in 06/97. Two active 10,000-gallon diesel fuel USTs between warehouse buildings.
55 RCRA-SQG	Radial, LLC EPA ID - VAR000534 495	3375 Joseph Martin Hwy. Martinsville, VA 24112	No	0.80 mi E – Higher Elevation	Listed in 08/16. Hazardous wastes include D007 (chromium). No violations reported to date.

Envirosite ID & Database Listing	Site Name & ID	Address	Within Inventory Corridor	Location Relative to Inventory Corridor	Notes
L58 LPT - VA	Bowles E- Bay Warehouses CEDS ID - 2000000829 71 PC # 2016-2310	3379 Joseph Martin Hwy. Martinsville, VA 24112	No	0.80 mi E – Higher Elevation	Release reported in 03/16. PC# 2016-2310 closed in 04/16.
49 LPT - VA	Samuel Watkins Residence PC # 2015-2100 CEDS ID - 2000008789 74	45 Watdill Circle, Martinsville, VA 24112	No	0.125-mi NNE – Higher Elevation	Release reported in September 2014. PC 2015-2100 closed in January 2015.
K42 UST – VA AFS	Magna Vista High School PS ID - VA0000005 108900081 Facility Reg ID – 1100081979 95 FAC ID – 2022162 CEDS ID - 2000000827 09	701 Magna Vista School Rd. Ridgeway, VA 24148	No	0.25-mi NNE – Higher Elevation	No violations for minor emissions of sulfur dioxide. One 10,000-gallon diesel fuel UST installed in 09/87; listed as still in use. UST w/two attached dispenser islands at bus loop northeast of the school building. Second diesel/ No. 2 fuel oil UST north of main school building near suspected boiler room.
K43 Archived SPILLS - VA	Magna Vista High School IR # 2009-W- 0199	701 Magna Vista School Rd. Ridgeway, VA 24148	No	0.097-mi NNE – Higher Elevation	Petroleum impacted soil during 100,000- gallon water AST removal in 01/09. Contractor removed the impacted soil & VDEQ closed IR# 2009-W-0199 in 07/10. Former water tank site observed north of school building.
63 LPT - VA	Vehicle Accident into Creek PC # 2018-2150	1766 Joseph Martin Hwy. Martinsville, VA 24112	No	0.50 mi ESE – Higher Elevation	Vehicle accident released fuel to the creek. Clean-up services by the VDEQ State Lead contractor. PC# 2018-2150 closed in in 03/18.
69 LPT - VA	Jimmie Ford Residence PC # 2018-2154 CEDS ID - 2000008863 37	65 Montrose Ave Martinsville, VA 24112	No	0.40-mi NNE – Higher Elevation	Release reported in 01/2018. PC# 2018- 2154 closed 03/18.

1 Sites identified at Higher Elevation may be presumed to be upgradient of the alternative corridor based on assumption that groundwater and surface water flow generally mirror topography

Figure 3-1: Regulatory & Field Identified Sites Associated with Alternative A



3.2.2 Alternative B Regulatory Database Results

As summarized in **Table 3-3** and depicted on **Figure 3-2**, 21 unique Envirosite IDs were identified at 13 sites proximate to Alternative B. Five sites associated with 22 regulatory database listings are proximal but outside the Inventory Corridor for Alternative B. Twelve of the unique IDs are associated with 13 regulatory database listings at eight sites within the Inventory Corridor. The UST-VA and LPT-VA listings at 1501 Joseph Highway are within the Inventory Corridor. However, the unique IDs (**F25-F27**) assigned to 1501 Joseph Martin Highway are associated with the physical addresses of 3375-3379 Joseph Martin Highway, which is operated as Radial LLC. Therefore, unique IDs **F25-F27** are not considered RECs for Alternative B. A summary of the 12 database listings at the seven remaining sites with RECs in the Inventory Corridor for Alternative B is provided below:

- 1 SPILLS;
- 6 USTs;
- 3 LPTs;
- 1 CED;
- 1 CERCLIS NFRAP; and
- 1 RMP.

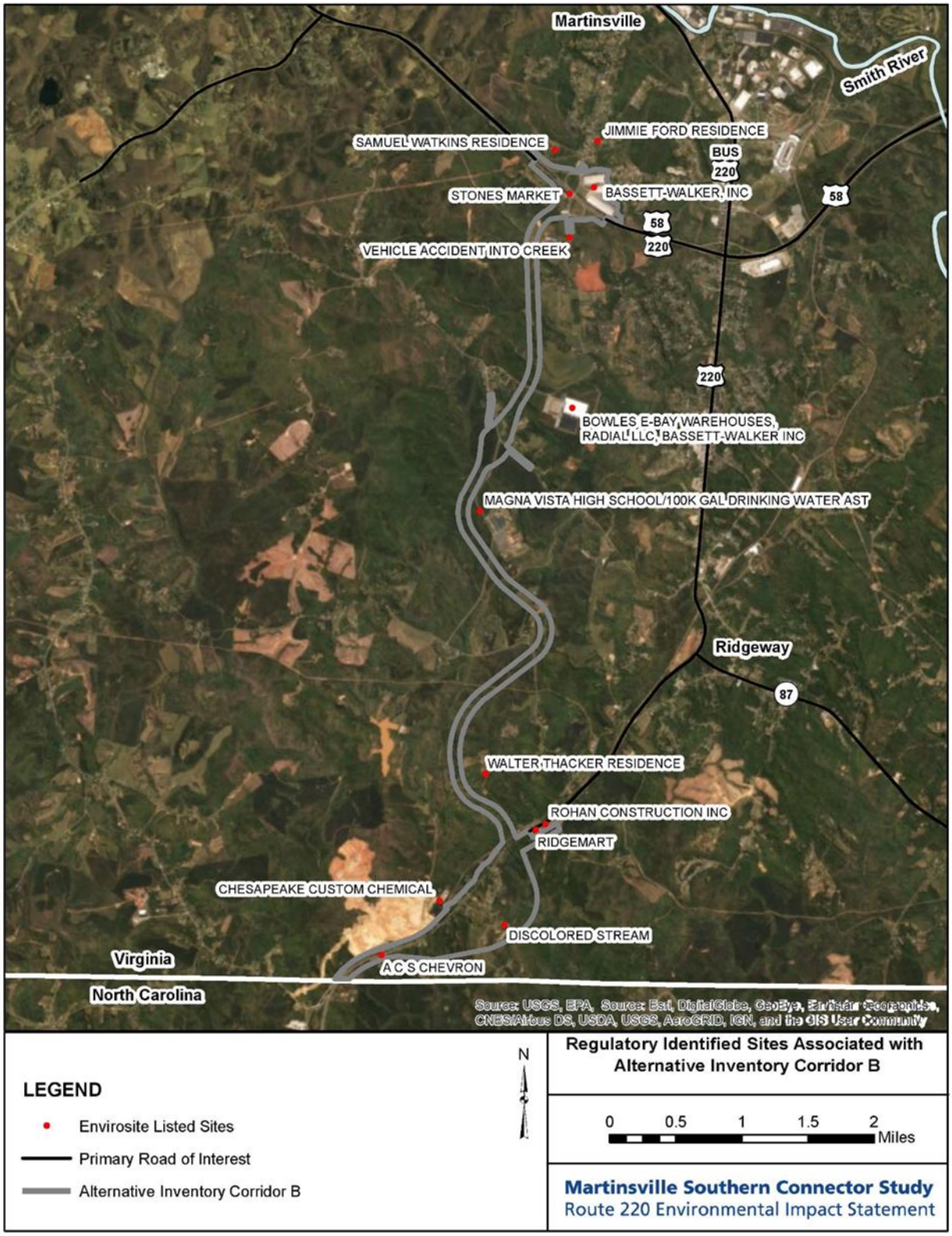
Table 3-3: Alternative B Regulatory Sites Identified by Envirosite Corporation

Envirosite ID & Database Listing	Site Name & ID	Address	Within Inventory Corridor	Location Relative to Inventory Corridor	Notes
19 SPILLS - VA	Discolored Stream IR # 2010-W- 2930	184 Carolina Way, Ridgeway, VA 24148	Yes	Unnamed tributary to Matrimony Creek; proximate to 184 Carolina Way	*See Note in Table 3-2*
D15, D16 UST - VA	Ridgemart/ Greensboro Stop & Shop Fac. ID - 2023161 CEDS ID - 200000089112	10079 Greensboro Rd, Ridgeway, VA 24148	Yes	Southwest of the intersection with Matrimony Creek Road (VA 734)	*See Note in Table 3-2*
D17 UST - VA	Rohan Construction, Inc. FAC ID - 2001514 CEDS ID - 200000089148	10151 Greensboro Rd, Ridgeway, VA 24148	Yes	Southwest of the intersection with Matrimony Creek Road (VA 734). Adjoins Ridgemart Greensboro Stop and Shop to the southwest	*See Note in Table 3-2*
20 UST - VA	ACS Chevron FAC ID - 2001893 CEDS ID - 200000090439	11689 Greensboro Rd, Ridgeway, VA 24148	Yes	Southernmost limits of Alternative B	*See Note in Table 3-2*
I36 UST - VA	Southeastern Adhesives Co./	126 Reservoir	Yes	Northwest of Route 220	*See Note in Table 3-2*

Envirosite ID & Database Listing	Site Name & ID	Address	Within Inventory Corridor	Location Relative to Inventory Corridor	Notes
	Chesapeake Custom Chemical Co. FAC ID - 2001217 CEDS ID - 200000881899	Rd. Ridgeway, VA 24148		Intersection with VA 689.	
I37 CEDS-VA RMP , CERCLIS - NFRAP	Southeastern Adhesives Co./ Chesapeake Custom Chemical Co. FAC Reg ID 100000130672 FAC ID - 2001217 CEDS ID - 200000083119	126 Reservoir Rd. Ridgeway, VA 24148	Yes	Northwest of Route 220 Intersection with VA 689.	*See Note in Table 3-2*
18 UST – VA LPT - VA	Stones Market FAC ID - 2026176 CEDS ID – 200000089204 PC # 1991-0950	Route 4 Box 499 Martinsville, VA 24112	No	Proximate to the intersection of VA 641 and Route 58	*See Note in Table 3-2*
F25, F26, F27 UST – VA LPT - VA	Bassett-Walker, Inc.– Distribution Center FAC ID - 2023267 CEDS ID – 200000088779	1501 Joseph Martin Hwy. Martinsville, VA 24112	No	North of Route 220 interchange with VA 641	*See Note in Table 3-2*
51 LPT - VA	Walter Thacker Residence PC # 2015- 2088 CEDS ID - 200000878917	525 White House Rd. Ridgeway, VA 24148	No	0.21-mi E – Higher Elevation	*See Note in Table 3-2*
L46, L47 UST - VA HIST LPT - VA	Bassett-Walker, Inc FAC ID - 2000342 CEDS ID – 200000082971	3375 Joseph Martin Hwy. Martinsville, VA 24112	No	0.30 mi NNE – Higher Elevation	*See Note in Table 3-2*

Envirosite ID & Database Listing	Site Name & ID	Address	Within Inventory Corridor	Location Relative to Inventory Corridor	Notes
55 RCRA-SQG	Radial, LLC EPA ID - VAR000534495	3375 Joseph Martin Hwy. Martinsville, VA 24112	No	0.30 mi E – Higher Elevation	*See Note in Table 3-2*
L58 LPT - VA	Bowles E- Bay Warehouses CEDS ID - 200000082971 PC # 2016-2310	3379 Joseph Martin Hwy. Martinsville, VA 24112	No	0.30 mi NNE – Higher Elevation	*See Note in Table 3-2*
49 LPT - VA	Samuel Watkins Residence PC # 2015-2100 CEDS ID - 200000878974	45 Watdill Circle, Martinsville, VA 24112	No	0.125-mi N – Higher Elevation	*See Note in Table 3-2*
K42 UST – VA AFS	Magna Vista High School PS ID - VA0000005 108900081 Facility Reg ID – 110008197995 FAC ID – 2022162 CEDS ID - 200000082709	701 Magna Vista School Rd. Ridgeway, VA 24148	No	0.097-mi NNE – Higher Elevation	*See Note in Table 3-2*
K43 Archived SPILLS - VA	Magna Vista High School IR # 2009-W- 0199	701 Magna Vista School Rd. Ridgeway, VA 24148	No	0.097-mi NNE – Higher Elevation	*See Note in Table 3-2*
63 LPT - VA	Vehicle Accident into Creek PC # 2018-2150	1766 Joseph Martin Hwy. Martinsville, VA 24112	No	South of Route 58 Intersection with Fisher Farm Road (VA 641)	*See Note in Table 3-2*
69 LPT - VA	Jimmie Ford Residence PC # 2018-2154 CEDS ID - 200000886337	65 Montrose Ave Martinsville, VA 24112	No	0.295-mi NNE – Higher Elevation	*See Note in Table 3-2*

Figure 3-2: Regulatory & Field Identified Sites Associated with Alternative B



3.2.3 Alternative C Regulatory Database Results

As summarized in **Table 3-4** and depicted on **Figure 3-3**, 21 unique Envirosite IDs were identified at 13 sites proximal to Alternative C. Six sites associated with 10 regulatory database listings are proximal but outside the Inventory Corridor for Alternative C. Twelve of the unique IDs are associated with 13 regulatory database listings at eight locations within the Inventory Corridor. As previously noted in **Section 3.2.1**, the unique IDs (**F25-F27**) assigned to 1501 Joseph Martin Highway are not considered RECs for Alternative C. A summary of the 13 database listings at the seven remaining sites with RECs in the Inventory Corridor for Alternative C is provided below:

- 1 SPILLS;
- 6 USTs;
- 3 LPTs;
- 1 CEDs;
- CERCLIS NFRAP;
- 1 RMP; and
- 1 Archived SPILLS.

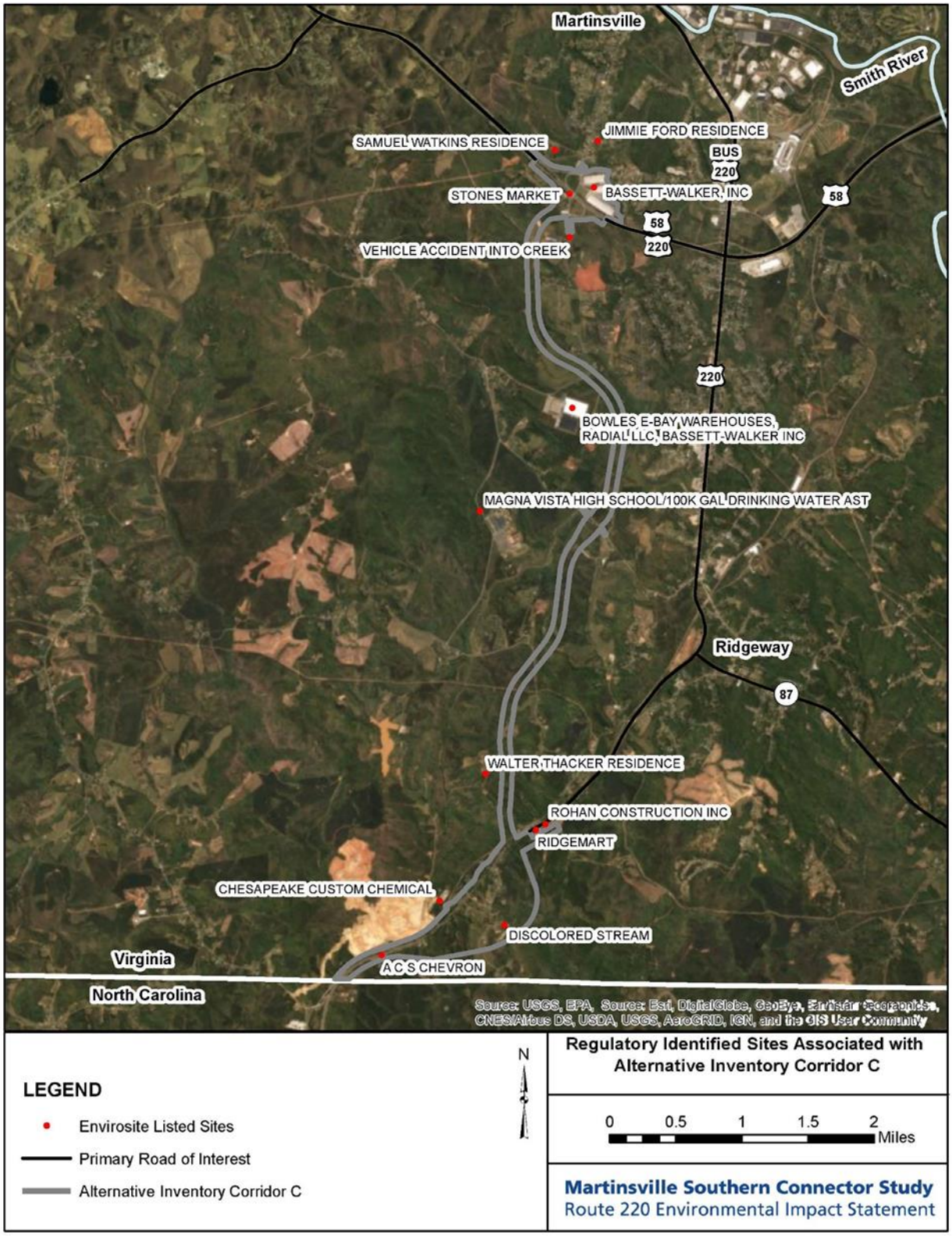
Table 3-4: Alternative C Regulatory Sites Identified by Envirosite Corporation

Envirosite ID & Database Listing	Site Name & ID	Address	Within Inventory Corridor	Location Relative to Inventory Corridor	Notes
19 SPILLS - VA	Discolored Stream IR # 2010-W- 2930	184 Carolina Way, Ridgeway VA 24148	Yes	Unnamed tributary to Matrimony Creek; proximate to 184 Carolina Way	*See Note in Table 3-2*
D15, D16 UST - VA	Ridgemart/ Greensboro Stop & Shop Fac. ID - 2023161 CEDS ID - 200000089112	10079 Greensboro Rd, Ridgeway, VA 24148	Yes	Southwest of the intersection with Matrimony Creek Road (VA 734)	*See Note in Table 3-2*
D17 UST - VA	Rohan Construction, Inc. FAC ID - 2001514 CEDS ID - 200000089148	10151 Greensboro Rd, Ridgeway, VA 24148	Yes	Southwest of the intersection with Matrimony Creek Road (VA 734). Adjoins Ridgemart Greensboro Stop and Shop to the southwest	*See Note in Table 3-2*
20 UST - VA	ACS Chevron FAC ID - 2001893 CEDS ID - 200000090439	11689 Greensboro Rd, Ridgeway, VA 24148	Yes	Southernmost limits of Alternative C	*See Note in Table 3-2*
I36 UST - VA	Southeastern Adhesives Co./ Chesapeake Custom	126 Reservoir Rd. Ridgeway,	Yes	Northwest of Route 220 Intersection with VA 689.	*See Note in Table 3-2*

Envirosite ID & Database Listing	Site Name & ID	Address	Within Inventory Corridor	Location Relative to Inventory Corridor	Notes
	Chemical Co. FAC ID - 2001217 CEDS ID - 200000881899	VA 24148			
I37 CEDS-VA RMP , CERCLIS - NFRAP	Southeastern Adhesives Co./ Chesapeake Custom Chemical Co. FAC Reg ID 100000130672 FAC ID - 2001217 CEDS ID - 200000083119	126 Reservoir Rd. Ridgeway, VA 24148	Yes	Northwest of Route 220 Intersection with VA 689.	*See Note in Table 3-2*
18 UST – VA LPT - VA	Stones Market FAC ID - 2026176 CEDS ID – 200000089204 PC # 1991-0950	Route 4 Box 499 Martinsville, VA 24112	No	Intersection of Route 58 with Fisher Farm Road (VA 641)	*See Note in Table 3-2*
F25, F26, F27 UST – VA LPT - VA	Bassett-Walker, Inc.– Distribution Center FAC ID - 2023267 CEDS ID – 200000088779	1501 Joseph Martin Hwy. Martinsville, VA 24112	No	North of Route 220 interchange with VA 641	*See Note in Table 3-2*
51 LPT - VA	Walter Thacker Residence PC # 2015- 2088 CEDS ID - 200000878917	525 White House Rd. Ridgeway, VA 24148	No	0.134-mi W – Higher Elevation	*See Note in Table 3-2*
L46, L47 UST - VA HIST LPT - VA	Bassett-Walker, Inc FAC ID - 2000342 CEDS ID – 200000082971	3375 Joseph Martin Hwy. Martinsville, VA 24112	No	0.172 mi W – Higher Elevation	*See Note in Table 3-2*
55 RCRA-SQG	Radial, LLC EPA ID - VAR000534	3375 Joseph Martin Hwy. Martinsville,	No	0.172 mi W – Higher Elevation	*See Note in Table 3-2*

Envirosite ID & Database Listing	Site Name & ID	Address	Within Inventory Corridor	Location Relative to Inventory Corridor	Notes
	495	VA 24112			
L58 LPT - VA	Bowles E- Bay Warehouses CEDS ID - 2000000829 71 PC # 2016-2310	3379 Joseph Martin Hwy. Martinsville, VA 24112	No	0.172 mi W – Higher Elevation	*See Note in Table 3-2*
49 LPT - VA	Samuel Watkins Residence PC # 2015-2100 CEDS ID - 2000008789 74	45 Watdill Circle, Martinsville, VA 24112	No	0.125-mi N – Higher Elevation	*See Note in Table 3-2*
K42 UST – VA AFS	Magna Vista High School PS ID - VA0000005 108900081 Facility Reg ID – 1100081979 95 FAC ID – 2022162 CEDS ID - 2000000827 09	701 Magna Vista School Rd. Ridgeway, VA 24148	No	0.80-mi W – Higher Elevation	*See Note in Table 3-2*
K43 Archived SPILLS - VA	Magna Vista High School IR # 2009-W- 0199	701 Magna Vista School Rd. Ridgeway, VA 24148	No	0.80-mi W – Higher Elevation	*See Note in Table 3-2*
63 LPT - VA	Vehicle Accident into Creek PC # 2018-2150	1766 Joseph Martin Hwy. Martinsville, VA 24112	No	South of Route 58 Intersection with Fisher Farm Road (VA 641)	*See Note in Table 3-2*
69 LPT - VA	Jimmie Ford Residence PC # 2018-2154 CEDS ID - 2000008863 37	65 Montrose Ave Martinsville, VA 24112	No	0.295-mi NNE – Higher Elevation	*See Note in Table 3-2*

Figure 3-3: Regulatory & Field Identified Sites Associated with Alternative C



3.2.4 Unmapped Sites

The Envirosite Report identified 14 orphan sites with 16 database listings that were unmappable due to insufficient address information. A summary of the regulatory database listings at these 14 sites is as follows:

- 1 CERCLA-NFRAP;
- 1 SEMS 8R Archived SITES;
- 1 ECHO;
- 1 FRS;
- 1 RCRA CESQGs;
- 1 Archived SPILLS; and
- 10 USTs.

Attempts were made to locate these orphan sites by using street maps, computer searches, and field reconnaissance. Three of the orphaned sites are linked to sites previously identified in the Envirosite database report as listed below:

3.2.4.1 Southeastern Adhesives Co. – EPA ID VAD131395469

This site is identified in the Envirosite Report as Southern Adhesives Co. (Site/Mappable ID Nos. I36 and I37), which is currently operated as the Chesapeake Custom Chemical Co. This facility is within the Inventory Corridor for Alternatives A through C. The additional information provided for this unmapped location indicates that it was evaluated by the EPA in 1988-1989 to determine its status for the NPL. The investigation was closed in March 1989 because the site did not qualify for the NPL and was subsequently listed as a CERCLIS-NFRAP (no further remedial action planned) facility. It is also listed on the SEMS 8R ARCHIVE SITES database.

3.2.4.2 Magna Vista High School – VAD988221248

This site is identified in the Envirosite Report as the Magna Vista High School (Site/Mappable ID Nos. K42 and K43). This school is located outside the Inventory Corridors for Alternatives A through C. The school was initially listed in August 1992 as a CESQG storing ignitable and corrosive wastes (D001 and D002, respectively). No RCRA violations have been reported to date.

After additional review, it was determined that none of the remaining orphan sites were in or adjacent to the Alternative Inventory Corridors.

3.3 SUPPLEMENTAL ENVIRONMENTAL RECORD SOURCES

A search conducted of the Inventory Corridors through the EPA's "Envirofacts" was also performed. No additional sites to those previously identified in the Envirosite Report were listed within or adjacent to the Inventory Corridors.

3.4 PHYSICAL SETTING SOURCES

The following is a list of physical setting sources used for this technical report:

- Henry County Geographical Information System (GIS);
- Google Earth;
- study area and Alternative Route Options provided by VDOT and Wallace Montgomery; and
- Geologic Map of Virginia.

3.5 HISTORICAL USE INFORMATION FOR THE SITE

All historical database information was obtained from the Envirosite Report (see **Appendix A).** No VDEQ FOIA documentation or historical aerial photographs/ topographic maps were obtained/reviewed for any of the locations identified as part of this technical report.

4. SITE RECONNAISSANCE

4.1 METHODOLOGY AND LIMITING CONDITIONS

Site access information was reviewed daily for any changes in access requests during the site reconnaissance. Some sites requested that reconnaissance personal either call ahead or knock on the door prior to entering the respective properties. Personnel adhered to all access requests stipulated in the site access database. As noted in **Section 1.5**, site reconnaissance personnel did not access the Chesapeake Custom Chemical Company located at 126 Reservoir Road in Ridgeway, Virginia. Photographs depicting field observations were taken from the public roadway. Personnel did not have site access past the locked entry gate at this facility.

None of the building interiors of the locations identified in the database searches were accessed during field reconnaissance.

4.2 GENERAL SITE SETTING

The northern portion of the study area consists of the intersection of Route 220 and the intersection of Route 58 and VA 641 (Joseph Martin Highway). Commercial and industrial development a clustered near both major intersections with limited residential development dispersed throughout the area. The industrial sites bordering the northern portion of the study area include Diversified Distribution , Inc. and Virginia Logistics, LLC (former Distribution Center for Bassett Walker, Inc.). Development generally decreases in the western portions of the study area towards Alternatives A and B. The westernmost portion of the Study Area is primarily undeveloped woodlands with limited residential development.

The majority of the commercial and residential development is located east, bordering Route 220. A large industrial/warehouse complex currently operated as Radial, LLC is in the central portion of the study area proximal to the nexus of Alternatives B and C.

The southern portion of the study area consists of limited commercial and residential development bordering Route 220. There is generally less development towards the southern end of the Study Area with increased undeveloped woodlands. Several active and former gas stations (Greensboro Stop and Shop, Ridgemart, etc.) are located within the study area near the intersection of Matrimony Creek Road (VA 734). Chesapeake Custom Chemical Inc. adjoins all five alternatives on Reservoir Road (VA 689).

4.3 EXTERIOR OBSERVATIONS

Locations with environmentally relevant observations noted during field reconnaissance are shown on **Figures 3-1** through **3-3**. The locations for sites listed in the Envirosite Report were confirmed during the field reconnaissance. Field observations are included on **Tables 3-2** through **3-4**. Additional observations are included on the photologs in **Appendix B**.

4.4 ADDITIONAL RECONNAISSANCE

No additional site interviews or follow-up phone calls were performed as part of this phase of work. No VDEQ FOIA documentation or historical aerial photographs/ topographic maps were obtained/reviewed for any of the sites identified as part of this technical report.

5. SUMMARY AND CONCLUSIONS

5.1 POTENTIAL REGONIZED ENVIRONMENTAL CONDITIONS

Potential Recognized Environmental Conditions (RECs) identified as part of this technical report for the Inventory Corridors are summarized by location relative to Alternatives A through C as shown in **Table 5-1**. The locations of these RECs relative to Alternatives A through Care shown on **Figures 3-1** through **3-3**.

Table 5-1 –Identified RECs Associated with Alternatives A Through C

Alternative	Within Inventory Corridor	Outside of Inventory Corridor	Unmapped or Field Verified Sites Within Inventory Corridor	Unmapped or Field Verified Sites Outside of Inventory Corridor	Total RECs Outside & Inside of Inventory Corridor
Alternative A	(1) SPILLS (4) UST (1) CEDS (1) CERCLIS NFRAP (1) RMP	(4) UST (7) LPT-VA (1) HIST LPT (1) RCRA-SQG (1) ARCHIVED SPILLS	(1) CERCLIS-NFRAP (1) SEMS-8R-ARCHIVE	(1) RCRA-CESQG	Outside -14 Inside - 8 Total - 25
Alternative B	(1) SPILLS (6) UST (2) LPT (1) CEDS (1) CERCLIS NFRAP (1) RMP	(2) UST-VA (4) LPT-VA (1) HIST LPT (1) RCRA-SQG (1) ARCHIVED SPILLS	(1) CERCLIS-NFRAP (1) SEMS-8R-ARCHIVE	(1) RCRA-CESQG	Outside – 9 Inside – 12 Total - 24
Alternative C	(1) SPILLS (6) UST (3) LPT (1) CEDS (1) CERCLIS NFRAP (1) RMP	(2) UST (4) LPT-VA (1) HIST LPT (1) RCRA-SQG (1) ARCHIVED SPILLS	(1) CERCLIS-NFRAP (1) SEMS-8R-ARCHIVE	(1) RCRA-CESQG	Outside–9 Inside – 13 Total – 25

5.2 RECOMMENDATIONS

As previously noted, this technical report does not include file reviews of the above-referenced database listings or comprehensive site reconnaissance of the identified sites. Interviews of property owners were not performed, and specific information regarding tank closures, site characterizations, and corrective actions was not available. For most cases, it is difficult to determine from the Envirosite report or visual field reconnaissance the specific quantity of a release of hazardous materials, the quantity removed through corrective actions, and the current nature and extent of any residual contamination of soil and/or groundwater.

5.2.1 No-Build Alternative

The No- Build is consistent with pre-development conditions. The No-Build Alternative would not result in any project related construction and would therefore not impact any hazardous materials. The current level of soil and groundwater impacts are assumed to remain the same.

5.2.2 Alternative A

According to the Envirosite Report, five sites with eight regulatory listings are within the southern portion of the Inventory Corridor for Alternative A. All five of the sites are associated with database listings with potential to adversely affect subsurface soil and groundwater in the Alternative A Inventory Corridor as follows:

- The UST listing for Rohan Construction, Inc constitutes as a potential release concern to the environment from the former petroleum USTs that were reportedly closed in place.
- The UST listing for the Ridgemart Stop & Shop constitutes as a potential release concern to the environment from active petroleum USTs and a temporarily out of service UST that is reportedly maintained on-site.
- The three listings associated with the Chesapeake Chemical Company, which maintains a Risk Management Plan (RMP) and returned an unmappable CERCLIS NFRAP listing that resulted from an EPA evaluation in 1988-1989 to determine the site's eligibility status for the NPL. The facility also reportedly removed a gasoline UST in the mid-1980's and several large ASTs (contents unknown) were observed on the site from the public roadways which were not listed as registered petroleum tanks in the Virginia AST regulatory database.
- The UST listed for the ACS Chevron constitutes as a potential release concern to the environment from former petroleum USTs that were reportedly closed in place.

Four additional proximal sites with regulatory listings (UST and/or LPT) have the potential to adversely impact groundwater in the Alternative A Inventory Corridor as follows:

- The Samuel Watkins Residence has a documented closed PC for a petroleum release that likely occurred from a No. 2 fuel oil UST. This residence is located topographically up-gradient, approximately 0.125-miles northeast of the Inventory Corridor for Alternative A. The Pollution Compliant (PC) case was closed by VDEQ in 2015. No additional information was available in the Envirosite Report to determine if this release resulted in groundwater impacts or if residual contamination remains in place.
- The Envirosite report documents a closed PC case for a petroleum release that occurred from a historic service station (i.e. Stones Market) that is located topographically up-gradient, approximately 0.125-miles southeast of the Inventory Corridor for Alternative A. This site was likely closed in response to improvements that occurred to the intersection of the 58 bypass and VA 641. No additional information was available in the Envirosite Report to determine if this release resulted in groundwater impacts or if residual contamination remains in place.
- The Magna Vista High School actively stores gasoline and diesel fuel in three USTs. This school is located topographically up-gradient, approximately 0.25-miles east of the Inventory Corridor for Alternative A. No releases associated with these USTs were documented in the regulatory database report.
- The Walter Thacker Residence has a documented PC case for a petroleum release that likely occurred from a No. 2 fuel heating oil UST. This residence is located topographically up-gradient, approximately 0.20-miles northeast of the Inventory Corridor for Alternative A. The PC was closed by VDEQ in 2014. No additional information was available in the Envirosite Report to determine if this release resulted in groundwater impacts or if residual contamination remains in place.
- The Jimmy Ford Residence has a documented PC case for a petroleum release that likely occurred from a No. 2 heating oil fuel oil UST. This residence is located topographically up-gradient, approximately 0.29-miles northeast of the Inventory Corridor for Alternative A. The PC was closed by VDEQ in 2018. No additional information was available in the Envirosite Report to determine if this release resulted in groundwater impacts or if residual contamination remains in place.

These identified sites may require further investigation but are not considered to be a substantial

risk and should not factor into the selection of the preferred alternative.

5.2.3 Alternative B

According to the Envirosite Report, eight locations with 13 regulatory listings are within the inventory Corridor for Alternative B. All eight of these sites are associated with regulatory database listings have the potential to adversely affect soil and groundwater in the Alternative B Inventory Corridor as follows:

- The LPT and UST listings associated with the former Stone's Market.
- The UST listing for Rohan Construction, Inc.
- The UST listing for the Ridgemart Stop & Shop.
- The RMP, CEDS-VA, and UST listings for the Chesapeake Chemical Company. The subject site also returned an unmappable CERCLIS NFRAP listing. Several large ASTs were also observed on-site from the public roadways, which were not listed as registered petroleum tanks in the Virginia AST regulatory database.
- The UST listing for the ACS Chevron.

Four additional proximal sites with regulatory listings (UST and/or LPT & RCRA-SQG) have the potential to adversely impact groundwater in the Alternative B Inventory Corridor as follows:

- The closed PC for the petroleum release at the Samuel Watkins Residence, which is located topographically up-gradient, approximately 0.125-miles north/northeast of the Inventory Corridor for Alternative B.
- The hazardous waste generation (RCRA-SQG), petroleum storage in numerous closed and active petroleum USTs, and two (2) closed PCs for petroleum releases on-site at the Radial, LLC./Bowles E-Bay Warehouses/Bassett-Walker, Inc. facility. The subject facility is located topographically up-gradient, approximately 0.30-miles east of the Inventory Corridor for Alternative B.
- The active petroleum USTs at the Magna Vista High School, which is located topographically up-gradient, approximately 0.10-miles east of the Inventory Corridor for Alternative B.
- The closed PC for the petroleum release at the Walter Thacker Residence, which is located topographically up-gradient, approximately 0.20-miles northeast of the Inventory Corridor for Alternative B.
- The closed PC for the petroleum release at the Jimmy Ford Residence, which is located topographically up-gradient, approximately 0.29-miles northeast of the Inventory Corridor for Alternative B.

These identified sites may require further investigation but are not considered to be a substantial risk and should not factor into the selection of the preferred alternative.

5.2.4 Alternative C

According to the Envirosite Report, seven locations with 10 regulatory listings are within the Inventory Corridor for Alternative C. Five of these sites with eight regulatory listings have the potential to adversely affect soil and groundwater in the Alternative C Inventory Corridor as follows:

- The LPT and UST listings associated with the former Stone's Market.
- The UST listing for Rohan Construction, Inc.
- The UST listing for the Ridgemart Stop & Shop.
- The RMP, CEDS-VA, and UST listings for the Chesapeake Chemical Company. The subject site also returned an unmappable CERCLIS NFRAP listing. Several large ASTs were also observed on-site from the public roadways, which were not listed as registered petroleum tanks in the Virginia AST regulatory database.
- The UST listing for the ACS Chevron.

Three additional proximal sites with regulatory listings (UST and/or LPT & RCRA-SQG) have the potential to adversely impact groundwater in the Alternative C Inventory Corridor as follows:

- The PC for the petroleum release at the Samuel Watkins Residence, which is located topographically up-gradient, approximately 0.125-miles north/northeast of the Inventory Corridor for Alternative C.
- The hazardous waste generation (RCRA-SQG), petroleum storage in numerous closed and active petroleum USTs, and two closed PCs for petroleum releases on-site at the Radial, LLC./Bowles E-Bay Warehouses/Bassett-Walker, Inc. facility. The subject facility is located topographically up-gradient, approximately 0.175-miles west of the Inventory Corridor for Alternative C.
- The closed PC for the petroleum release at the Walter Thacker Residence, which is located topographically up-gradient, approximately 0.15-miles west of the Inventory Corridor for Alternative C.

These identified sites may require further investigation but are not considered to be a substantial risk and should not factor into the selection of the Preferred Alternative.

5.2.5 Summary

All regulatory cases associated with spills or releases associated with identified sites have been closed; however, residual contamination may remain in place. Three UST sites (Rohan Construction, Ridgemart Stop & Shop and ACS Chevron) are located within the Inventory Corridor and reportedly have USTs closed in place or "temporarily out of service" that may require removal. One site (Chesapeake Chemical Company) is located within the Inventory Corridor previously developed a remedial management plan (RMP) but was issued a No Further Remedial Action Planned (NFRAP) designation by EPA.

Further evaluation of sites associated with the Preferred Alternative with identified with potential RECs is recommended prior to design, right of way acquisition and/or earth disturbing activities to provide additional information about site conditions. Specifically, prior to right of way acquisition, a Phase I Environmental Site Assessment (ESA), conducted consistent with the American Society for Testing and Materials (ASTM) method E1527-13, is recommended to determine the potential presence of RECs including hazardous materials and/or onsite contamination within or in close proximity to the Preferred Alternative Inventory Corridor that could adversely impact soil and groundwater. Based on the Phase I ESA findings, additional studies/investigations, including Phase II ESAs or limited subsurface investigations, following ASTM method E1903-11, may be recommended to confirm the presence/absence of contamination and evaluate sites within or in close proximity to the Preferred Alternative Inventory Corridor where earth disturbance is anticipated.

If impacted soil and/or groundwater is identified during investigations, standard mitigation/remediation measures are recommended, including excavation and treatment/disposal of soil and/or groundwater. Mitigation measures shall be developed, approved and implemented prior to construction and should include developing a contaminated materials management plan to address worker safety, handling, on-site storage/management, reuse, disposal and/or treatment. The contaminated materials management plan shall be developed in accordance with Federal, State and local regulations and should include the characterization of soil and a management procedures plan developed in accordance with 9 Virginia Administrative Code (VAC) 20-60 and 9VAC20-81 prior to reuse or off-site disposal. Efforts requiring tank closures or site remediation shall be coordinated with VDEQ.

6. REFERENCES

ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Environmental Protection Agency Environmental Justice Screening and Mapping Tool, (Version 2018).

EPA Enforcement and Compliance History Online (ECHO), (September 2019).

Envirosite Corporation Government Records Database Report, *PropoWestern Connector Roads, Ridgeway, VA 24148 (February 15, 2019)* (Appendix A).

North Carolina Environmental Quality Division of Waste Management GIS Site Locator (https://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/waste-management-gis-maps)Virginia Storage Tank Program Technical Manual (DEQ Guidance Document # 01-2024D, Fourth Edition, May 10, 2011.

Virginia Department of Transportation (VDOT). (2020b). Martinsville Southern Connector Study. Alternatives Analysis Technical Report. January 2020.

Virginia Underground Storage Tanks; Technical Standards and Corrective Action Requirements (9VAC 25-580).

APPENDIX A

Envirosite Corporation Report

Government Records Report | 2019

Order Number: 27164

Report Generated: 02/15/2019

Project Name: Wallace Montgomery

Project Number: 19-715

Proposed Western Connector Roads
Greensboro Rd
Ridgeway, VA 24148

2 Corporate Drive
Suite 450
Shelton, CT 06484
Toll Free: 866-211-2028
www.envirositecorp.com

Table of Contents 2019

Envirosite Corporation has conducted a search of all reasonably ascertainable records in accordance with EPA's AAI (40 CFR Part 312) requirements and the ASTM E-1527-13 Environmental Site Assessments standard.

SUBJECT PROPERTY INFORMATION:

ADDRESS:

Proposed Western Connector Roads
Greensboro Rd
Ridgeway, VA 24148

COORDINATES:

Latitude (North):	36.542832 - 36°32'34.2"
Longitude (West):	-79.910476 - -79°54'37.7"
Universal Transverse Mercator:	Zone 17N
UTM X (Meters):	597520.54
UTM Y (Meters):	4044711.34

ELEVATION:

Elevation:	712.434 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH SUBJECT PROPERTY:

Subject Property Map: 36079e7 NORTHWEST EDEN, VA
Most Recent Revision: 2016

Subject Property Map: 36079e8 PRICE, VA
Most Recent Revision: 2016

Subject Property Map: 36079f7 MARTINSVILLE EAST, VA
Most Recent Revision: 2016

Subject Property Map: 36079f8 MARTINSVILLE WEST, VA
Most Recent Revision: 2016

MAP ID	SITE NAME	ADDRESS	DATABASE(S)	RELATIVE ELEVATION	DIRECTION / DISTANCE
1	RIDGEWAY TIRE AND AUTO	7394 GREENSBORO RD	UST - VA		SP
A2	SHEETZ, INC. #308	6758 GREENSBORO RD.	AFS, ECHO, FRS		SP
A3	SHEETZ 308	6758 GREENSBORO RD	LPT - VA, UST - VA		SP
A4	SHEETZ STORE #308	6758 GREENSBORO RD	RCRA_CESQG		SP
A5	COVINGTON TRUSTC/O DOMINION TRS	WATER PLANT RD AND RTE 22...	UST - VA		SP
A6	ON THE RUN 107	6690 GREENSBORO RD	UST - VA		SP
A7	EZ STOP #107	6690 GREENSBORO RD	LPT - VA		SP
A8	GETTY MART #71011	6697 S GREENSBORO RD	UST - VA		SP
A9	GETTY MART #11	6697 S GREENSBORO RD	LPT - VA		SP
10	TTA	ROUTE 220 N @ MOREHEAD AV...	SPILLS - VA		SP
B11	YMCA After School Program - Drewry ...	45 Drewry Mason School Ro...	DAYCARE - VA		SP
B12	DREWRY MASON ELEMENTARY SCHOOLL	45 DREWERY MASON SCHOO...	AFS		SP
C13	Royal Pantry	5781 Greensboro Rd	LPT - VA, UST - VA		SP
C14	PEOPLES SAVE STATION 9	5780 GREENSBORO RD	AST - VA, UST - VA		SP
D15	RIDGEMART	10079 GREENSBORO RD	UST - VA		SP
D16	GREENSBORO STOP AND SHOP	10079 GREENSBORO RD	UST - VA		SP
D17	ROHAN CONSTRUCTION INC	10151 GREENSBORO RD	UST - VA		SP
18	STONES MARKET	Route 4 Box 499	LPT - VA, UST - VA		SP
19	DISCOLORED STREAM	184 CAROLINA WAY, RIDGEWA...	SPILLS - VA		SP
20	A C S CHEVRON	11689 GREENSBORO RD	UST - VA		SP
B21	DREWRY MASON ELEMENTARY SCHOOLL	RT 3	ECHO, FRS	Higher	NE / 0.009 mi.
B22	BOBS ENTERPRISES	Rte 902 and 220	LPT - VA, UST - VA	Higher	NE / 0.015 mi.
E23	TRACTOR SUPPLY #1788	4920 GREENSBORO ROAD	ECHO, FRS	Higher	NNE / 0.021 mi.
24	MANHOLE OVERFLOW	591 KEN LANE-RIDGEWAY	SPILLS - VA	Higher	NE / 0.036 mi.
F25	DISTRIBUTION CENTER	1501 JOSEPH MARTIN HWY	UST - VA	Higher	NNE / 0.043 mi.
F26	BASSETT-WALKER INC	1501 JOSEPH MARTIN HWY	LPT - VA	Higher	NNE / 0.043 mi.
F27	BASSETT-WALKER, INC	1501 JOSEPH MARTIN HWY	UST - VA	Higher	NNE / 0.043 mi.
G28	B.W. BROOKS & SONS; INC	1142 MICA ROAD - RTE 902	UST - VA	Higher	NE / 0.044 mi.
C29	GRAY CLARA RESIDENCE	31 WINDOVER ST	LPT - VA	Higher	NE / 0.049 mi.
G30	RIDGEWAY CLOCK COMPANY	1131 MICA RD	AST - VA, UST - VA	Higher	NE / 0.050 mi.
G31	RIDGEWAY FURNITURE	1131 MICA RD	AFS, DOCKET	Higher	NE / 0.050 mi.
G32	RIDGEWAY FURNITURE	1131 MICA ROAD	ECHO, FRS, RCRA_CESQG	Higher	NE / 0.050 mi.
E33	TRACTOR SUPPLY #1788	4920 GREENSBORO ROAD	ECHO, FRS, RCRA_CESQG	Higher	NNE / 0.052 mi.
H34	OLD RIDGEWAY ELEMENTARY SCHOOL	CHURCH STREET	ECHO, FRS	Higher	NE / 0.055 mi.
A35	JAMES WHITLOW RESIDENCE	101 TARDEN DR	LPT - VA	Higher	NE / 0.056 mi.
I36	CHESAPEAKE CUSTOM CHEMICAL	126 RESERVOIR RD	CEDS - VA, UST - VA	Higher	ENE / 0.062 mi.
I37	SOUTHEASTERN ADHESIVES COMPANY...	126 RESERVOIR ROAD (STATE...	RMP	Higher	ENE / 0.062 mi.
C38	ASHBY KENNETH RESIDENCE	43 WINDOVER ST	LPT - VA	Higher	NE / 0.063 mi.

MAP ID	SITE NAME	ADDRESS	DATABASE(S)	RELATIVE ELEVATION	DIRECTION / DISTANCE
39	MCBRIDE GLENDA RESIDENCE	199 KEN LN	LPT - VA	Higher	NE / 0.071 mi.
J40	MAIN STREET MARKET	310 Main St	AST - VA, LPT - VA, UST - VA	Higher	NE / 0.086 mi.
J41	TRACTOR TRAILER SADDLE TANK LEAK	310 MAIN STREET	SPILLS - VA	Higher	NE / 0.086 mi.
K42	MAGNA VISTA HIGH SCHOOL	701 MAGNA VISTA SCHOOL RD	AFS, UST - VA	Higher	NNE / 0.097 mi.
K43	100K GAL DRINKING WATER AST SITE	701 MAGNA VISTA SCHOOL RO...	Archived SPILLS - VA	Higher	NNE / 0.097 mi.
H44	LYNN METZGER RESIDENCE	479 CHURCH AVE	LPT - VA	Higher	NE / 0.107 mi.
H45	RIDGEWAY ELEMENTARY SCHOOL	380 CHURCH ST	UST - VA	Higher	NE / 0.107 mi.
L46	BASSETT-WALKER, INC	3375 JOSEPH MARTIN HIGHWA...	UST - VA	Higher	NNE / 0.113 mi.
L47	BASSETT-WALKER INC	3375 JOSEPH MARTIN HIGHWA...	HIST LPT - VA	Higher	NNE / 0.113 mi.
48	ESTHER MASON RESIDENCE	737 MAIN ST	LPT - VA	Higher	ENE / 0.114 mi.
49	WATKINS SAMUEL RESIDENCE	45 WATDILL CIR	LPT - VA	Higher	NNE / 0.125 mi.
M50	DFI PROPERTIES - 162 MARROWBONE...	162 MARROWBONE CIR	LPT - VA	Higher	NE / 0.129 mi.
51	THACKER WALTER RESIDENCE	525 WHITE HOUSE RD	LPT - VA	Higher	NE / 0.134 mi.
E52	SPEEDWAY 4630	4801 GREENSBORO RD	AST - VA, UST - VA	Higher	NNE / 0.140 mi.
E53	WILCO 663	4801 GREENSBORO RD	AST - VA, UST - VA	Higher	NNE / 0.140 mi.
E54	SPEEDWAY 4630	4801 GREENSBORO ROAD	ECHO, FRS, RCRA_CESQG	Higher	NNE / 0.140 mi.
55	RADIAL, LLC	3375 JOSEPH MARTIN HIGHWA...	RCRA_SQG	Higher	NNE / 0.145 mi.
M56	BRANSCOME KENNETH PROPERTY	301 MARROWBONE CIR	LPT - VA	Lower	NE / 0.149 mi.
N57	WARREN TRUCKING CO INC	443 OLD SAND ROAD	UST - VA	Higher	NE / 0.158 mi.
L58	BOWLES E-BAY WAREHOUSES	3379 JOSEPH MARTIN HIGHWA...	LPT - VA	Higher	NNE / 0.172 mi.
N59	VIRGINIA GLASS PRODUCTS CORPORATION	347 OLD SAND ROAD	ARCHIVED VRP - VA	Higher	NE / 0.188 mi.
N60	VIRGINIA GLASS PRODUCTS CORPORATION	347 OLD SAND RD	I C - VA, VRP - VA	Higher	NE / 0.192 mi.
N61	VIRGINIA GLASS PRODUCTS CORP	347 OLD SAND ROAD	RCRA_CESQG	Higher	NE / 0.192 mi.
62	TRIWOOD INC	680 OLD SAND ROAD	AST - VA, UST - VA	Higher	NE / 0.192 mi.
63	VEHICLE ACCIDENT INTO CREEK	1766 JOSEPH MARTIN HWY	LPT - VA	Higher	NNE / 0.196 mi.
O64	SMITH CHRISTINE RESIDENCE	219 COVINGTON LN	LPT - VA	Lower	NE / 0.204 mi.
65	ORSINA ROBERT RESIDENCE	426 DEVINSHIRE DR	LPT - VA	Higher	NNE / 0.223 mi.
66	W C EANES CONSTRUCTION COMPANY	25 ELLSWORTH CT	UST - VA	Higher	ENE / 0.240 mi.
67	KELLUM JAMES RESIDENCE	115 SUMMIT RIDGE RD	LPT - VA	Higher	NE / 0.264 mi.
O68	NANCE DON RESIDENCE	129 SHEFFIELD RD	LPT - VA	Higher	NE / 0.286 mi.
69	JIMMIE FORD RESIDENCE	65 MONTROSE AVE	LPT - VA	Higher	NNE / 0.295 mi.
70	DAN PACE RESIDENCE	55 WALNUT DALE	LPT - VA	Higher	NE / 0.324 mi.
O71	JAMES MCMILLAN RESIDENCE	229 SHEFFIELD DR	LPT - VA	Higher	NE / 0.366 mi.
72	RIDGEWAY MART	700 Morehead Ave	LPT - VA, UST - VA	Higher	ENE / 0.427 mi.
73	ADAMS WADDELL RESIDENCE	386 FISHER FARM RD	LPT - VA	Higher	NNE / 0.441 mi.

SUBJECT PROPERTY SEARCH RESULTS:

The subject property was identified in the following records. For more information on this property, see Map Findings section on page 24.

SITE	DATABASE(S)	EPA ID
RIDGEWAY TIRE AND AUTO 7394 GREENSBORO RD RIDGEWAY, VA 24148	UST - VA	N/R
UST - VA		
- ID: Facility ID 2013698	Status: N/A	Date: N/A
- ID: Tank ID 1	Status: TEMP OUT OF USE	Date: Date Closed N/R
- ID: Tank ID 2	Status: TEMP OUT OF USE	Date: Date Closed N/R
- ID: Tank ID 3	Status: TEMP OUT OF USE	Date: Date Closed 03/14/2013
- ID: Tank ID R1	Status: REM FROM GRD	Date: Date Closed 05/20/1999
There are an additional 3 status records, see site details.		
SHEETZ, INC. #308 6758 GREENSBORO RD. RIDGEWAY, VA 24148	AFS, ECHO, FRS	N/R
SHEETZ 308 6758 GREENSBORO RD RIDGEWAY, VA 24148	LPT - VA, UST - VA	N/R
UST - VA		
- ID: Facility ID 2037784	Status: N/A	Date: N/A
- ID: Tank ID 1	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 2	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 3	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 4	Status: CURR IN USE	Date: Date Closed N/R
LPT - VA		
- ID: Facility ID 200000200422	Status: N/A	Date: N/A
- ID: PC Number 20172179	Status: Closed	Date: 05/31/2017
SHEETZ STORE #308 6758 GREENSBORO RD RIDGEWAY, VA 24148	RCRA_CESQG	VAR000510446
RCRA_CESQG		
- ID: VAR000510446	Status: No Violation/Inspections	Date: N/A
COVINGTON TRUSTC/O DOMINION TRS WATER PLANT RD AND RTE 220 RIDGEWAY, VA 24148	UST - VA	N/R
UST - VA		
- ID: Facility ID 2004569	Status: N/A	Date: N/A
- ID: Tank ID 1	Status: CLS IN GRD	Date: Date Closed 06/01/1984
- ID: Tank ID 2	Status: CLS IN GRD	Date: Date Closed 06/01/1984
- ID: Tank ID 3	Status: CLS IN GRD	Date: Date Closed 06/01/1984
ON THE RUN 107 6690 GREENSBORO RD RIDGEWAY, VA 24148	UST - VA	N/R
UST - VA		
- ID: Facility ID 2001071	Status: N/A	Date: N/A
- ID: Tank ID 1	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 2	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 3	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 4	Status: CURR IN USE	Date: Date Closed N/R
There are an additional 2 status records, see site details.		

SITE	DATABASE(S)	EPA ID
EZ STOP #107 6690 GREENSBORO RD RIDGEWAY, VA 24148	LPT - VA	N/R
LPT - VA - ID: Facility ID 200000082164 - ID: PC Number 19941717	Status: N/A Status: Closed	Date: N/A Date: 08/11/1994
GETTY MART #71011 6697 S GREENSBORO RD RIDGEWAY, VA 24148	UST - VA	N/R
UST - VA - ID: Facility ID 2002328 - ID: Tank ID R1 - ID: Tank ID R2	Status: N/A Status: REM FROM GRD Status: REM FROM GRD	Date: N/A Date: Date Closed 06/29/2001 Date: Date Closed 06/29/2001
GETTY MART #11 6697 S GREENSBORO RD RIDGEWAY, VA 24148	LPT - VA	N/R
LPT - VA - ID: Facility ID 200000082184 - ID: PC Number 19991056 - ID: PC Number 19900917	Status: N/A Status: Closed Status: Closed	Date: N/A Date: 06/08/1999 Date: 10/25/1990
TTA ROUTE 220 N @ MOREHEAD AVENUE RIDGEWAY, VA	SPILLS - VA	N/R
SPILLS - VA - ID: 2015-W-1594	Status: Closed	Date: 01/14/2015
YMCA After School Program - Drewry Mason 45 Drewry Mason School Road RIDGEWAY, VA 24148	DAYCARE - VA	N/R
DREWRY MASON ELEMENTARY SCHOOLL 45 DREWERY MASON SCHOOL RD RIDGEWAY, VA 24148	AFS	N/R
Royal Pantry 5781 Greensboro Rd Ridgeway, VA 24148	LPT - VA, UST - VA	N/R
UST - VA - ID: Facility ID 2017616 - ID: Tank ID 1A - ID: Tank ID 1B - ID: Tank ID G2 - ID: Tank ID R1 *There is an additional 1 status record, see site details.*	Status: N/A Status: CURR IN USE Status: CURR IN USE Status: CLS IN GRD Status: REM FROM GRD	Date: N/A Date: Date Closed N/R Date: Date Closed N/R Date: Date Closed 05/25/2004 Date: Date Closed 05/23/2007
LPT - VA - ID: Facility ID 200000089154 - ID: PC Number 20042064	Status: N/A Status: Closed	Date: N/A Date: 10/05/2004

SITE	DATABASE(S)	EPA ID
PEOPLES SAVE STATION 9 5780 GREENSBORO RD RIDGEWAY, VA 24112	AST - VA, UST - VA	N/R
AST - VA		
- ID: Facility ID 2004196	Status: N/A	Date: N/A
- ID: Tank Number 1port	Status: CURR IN USE	Date: Date Closed N/R
UST - VA		
- ID: Facility ID 2004196	Status: N/A	Date: N/A
- ID: Tank ID 1	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 2	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 3	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 4	Status: CURR IN USE	Date: Date Closed N/R
There is an additional 1 status record, see site details.		
RIDGEMART 10079 GREENSBORO RD RIDGEWAY, VA 24148	UST - VA	N/R
UST - VA		
- ID: Facility ID 2023161	Status: N/A	Date: N/A
- ID: Tank ID 1	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 2	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 3	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 4	Status: CURR IN USE	Date: Date Closed N/R
There is an additional 1 status record, see site details.		
GREENSBORO STOP AND SHOP 10079 GREENSBORO RD RIDGEWAY, VA 24148	UST - VA	N/R
UST - VA		
- ID: Facility ID 2023161	Status: N/A	Date: N/A
- ID: Tank ID 1	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 2	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 3	Status: CURR IN USE	Date: Date Closed N/R
- ID: Tank ID 4	Status: CURR IN USE	Date: Date Closed N/R
There is an additional 1 status record, see site details.		
ROHAN CONSTRUCTION INC 10151 GREENSBORO RD RIDGEWAY, VA 24148	UST - VA	N/R
UST - VA		
- ID: Facility ID 2001514	Status: N/A	Date: N/A
- ID: Tank ID 1	Status: CLS IN GRD	Date: Date Closed 05/01/1975
- ID: Tank ID 2	Status: CLS IN GRD	Date: Date Closed 05/01/1975
- ID: Tank ID 3	Status: CLS IN GRD	Date: Date Closed 05/01/1975
- ID: Tank ID 4	Status: CLS IN GRD	Date: Date Closed 05/01/1975
STONES MARKET Route 4 Box 499 Martinsville, VA 24112	LPT - VA, UST - VA	N/R
UST - VA		
- ID: Facility ID 2026176	Status: N/A	Date: N/A
- ID: Tank ID 1	Status: REM FROM GRD	Date: Date Closed 08/01/1991
- ID: Tank ID 2	Status: REM FROM GRD	Date: Date Closed 08/01/1991
- ID: Tank ID 3	Status: REM FROM GRD	Date: Date Closed 08/01/1991
LPT - VA		
- ID: Facility ID 200000089204	Status: N/A	Date: N/A

SITE	DATABASE(S)	EPA ID
- ID: PC Number 19910950	Status: Closed	Date: 05/16/1994
DISCOLORED STREAM 184 CAROLINA WAY, RIDGEWAY RIDGEWAY, VA	SPILLS - VA	N/R
SPILLS - VA - ID: 2010-W-2930	Status: Closed	Date: 02/10/2011
A C S CHEVRON 11689 GREENSBORO RD RIDGEWAY, VA 24148	UST - VA	N/R
UST - VA - ID: Facility ID 2001893 - ID: Tank ID 1 - ID: Tank ID 2 - ID: Tank ID 3 - ID: Tank ID 4	 Status: N/A Status: CLS IN GRD Status: CLS IN GRD Status: CLS IN GRD Status: CLS IN GRD	 Date: N/A Date: Date Closed 09/01/1982 Date: Date Closed 09/01/1982 Date: Date Closed 09/01/1982 Date: Date Closed 09/01/1982

SEARCH RESULTS:

FEDERAL RCRA GENERATORS LIST

RCRA_CESQG: Resource Conservation and Recovery Act listing of licensed conditionally exempt small quantity generators **5 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
G32	*RIDGEWAY FURNITURE*	*1131 MICA ROAD*	*NE / 0.050 mi.*	*104*
	- ID: VAD003120722	Status: No Violation/Inspections	Date: N/A	
E33	*TRACTOR SUPPLY #1788*	*4920 GREENSBORO ROAD*	*NNE / 0.052 mi.*	*109*
	- ID: VAR000529024	Status: No Violation/Inspections	Date: N/A	
E54	*SPEEDWAY 4630*	*4801 GREENSBORO ROAD*	*NNE / 0.140 mi.*	*150*
	- ID: VAR000532044	Status: No Violation/Inspections	Date: N/A	
N61	VIRGINIA GLASS PRODUCTS CORP	347 OLD SAND ROAD	NE / 0.192 mi.	*165*
	- ID: VAD981731169	Status: Universal Waste - Small Quantity Handlers	Date: Violation 20130492 - Achieved Compliance 20130492	

RCRA_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators **1 SITE FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
55	RADIAL, LLC	3375 JOSEPH MARTIN HIGHWAY	NNE / 0.145 mi.	*154*
	- ID: VAR000534495	Status: No Violation/Inspections	Date: N/A	

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

AST - VA: Registered Aboveground Storage Tanks in Virginia **6 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
G30	*RIDGEWAY CLOCK COMPANY*	*1131 MICA RD*	*NE / 0.050 mi.*	*95*
	- ID: Facility ID 2003509	Status: N/A	Date: N/A	
	- ID: Tank Number 4	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank Number 5	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank Number 6	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank Number 7	Status: CURR IN USE	Date: Date Closed N/R	
J40	*MAIN STREET MARKET*	*310 Main St*	*NE / 0.086 mi.*	*122*
	- ID: Facility ID 2021218	Status: N/A	Date: N/A	
	- ID: Tank Number 1	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank Number 2	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank Number 3	Status: CURR IN USE	Date: Date Closed N/R	
E52	*SPEEDWAY 4630*	*4801 GREENSBORO RD*	*NNE / 0.140 mi.*	*141*
	- ID: Facility ID 2037468	Status: N/A	Date: N/A	
	- ID: Tank Number 1	Status: DISMANTLED	Date: Date Closed N/R	
E53	*WILCO 663*	*4801 GREENSBORO RD*	*NNE / 0.140 mi.*	*146*
	- ID: Facility ID 2037468	Status: N/A	Date: N/A	
	- ID: Tank Number 1	Status: DISMANTLED	Date: Date Closed N/R	
62	*TRIWOOD INC*	*680 OLD SAND ROAD*	*NE / 0.192 mi.*	*167*
	- ID: Facility ID 2004398	Status: N/A	Date: N/A	
	- ID: Tank Number 1	Status: CURR IN USE	Date: Date Closed N/R	

UST - VA: Registered Underground Storage Tanks in Virginia **27 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B22	*BOBS ENTERPRISES*	*Rte 902 and 220*	*NE / 0.015 mi.*	*79*
	- ID: Facility ID 2026635	Status: N/A	Date: N/A	
	- ID: Tank ID 1	Status: PERM OUT OF USE	Date: Date Closed N/R	
F25	DISTRIBUTION CENTER	1501 JOSEPH MARTIN HWY	NNE / 0.043 mi.	*85*
	- ID: Facility ID 2023267	Status: N/A	Date: N/A	
	- ID: Tank ID 1	Status: PERM OUT OF USE	Date: Date Closed N/R	
	- ID: Tank ID 2	Status: PERM OUT OF USE	Date: Date Closed N/R	
	- ID: Tank ID 3	Status: PERM OUT OF USE	Date: Date Closed N/R	
	- ID: Tank ID 4	Status: PERM OUT OF USE	Date: Date Closed N/R	
F27	BASSETT-WALKER, INC	1501 JOSEPH MARTIN HWY	NNE / 0.043 mi.	*89*
	- ID: Facility ID 2000342	Status: N/A	Date: N/A	
	- ID: Tank ID G3	Status: CLS IN GRD	Date: Date Closed 06/15/1995	
	- ID: Tank ID G4	Status: CLS IN GRD	Date: Date Closed 06/15/1995	
	- ID: Tank ID R1	Status: REM FROM GRD	Date: Date Closed 06/17/1996	
	- ID: Tank ID R2	Status: REM FROM GRD	Date: Date Closed 06/17/1996	
G28	B.W. BROOKS & SONS; INC	1142 MICA ROAD - RTE 902	NE / 0.044 mi.	*92*
	- ID: Facility ID 2016119	Status: N/A	Date: N/A	
	- ID: Tank ID R1	Status: REM FROM GRD	Date: Date Closed 08/12/1997	
	- ID: Tank ID R2	Status: REM FROM GRD	Date: Date Closed 08/12/1997	

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS *(cont.)*

UST - VA: Registered Underground Storage Tanks in Virginia **27 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
G30	*RIDGEWAY CLOCK COMPANY*	*1131 MICA RD*	*NE / 0.050 mi.*	*95*
	- ID: Facility ID 2003509	Status: N/A	Date: N/A	
	- ID: Tank ID R1	Status: REM FROM GRD	Date: Date Closed 09/25/1991	
	- ID: Tank ID R2	Status: REM FROM GRD	Date: Date Closed 09/25/1991	
I36	*CHESAPEAKE CUSTOM CHEMICAL*	*126 RESERVOIR RD*	*ENE / 0.062 mi.*	*117*
	- ID: Facility ID 2001217	Status: N/A	Date: N/A	
	- ID: Tank ID G1	Status: REM FROM GRD	Date: Date Closed 08/10/1994	
J40	*MAIN STREET MARKET*	*310 Main St*	*NE / 0.086 mi.*	*122*
	- ID: Facility ID 2021218	Status: N/A	Date: N/A	
	- ID: Tank ID 1	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank ID 2	Status: CURR IN USE	Date: Date Closed N/R	
K42	*MAGNA VISTA HIGH SCHOOL*	*701 MAGNA VISTA SCHOOL RD*	*NNE / 0.097 mi.*	*128*
	- ID: Facility ID 2022162	Status: N/A	Date: N/A	
	- ID: Tank ID 1	Status: CURR IN USE	Date: Date Closed N/R	
H45	RIDGEWAY ELEMENTARY SCHOOL	380 CHURCH ST	NE / 0.107 mi.	*133*
	- ID: Facility ID 2013679	Status: N/A	Date: N/A	
	- ID: Tank ID HCPS-1	Status: TEMP OUT OF USE	Date: Date Closed N/R	
	- ID: Tank ID R1	Status: REM FROM GRD	Date: Date Closed 09/25/1987	
L46	BASSETT-WALKER, INC	3375 JOSEPH MARTIN HIGHWAY	NNE / 0.113 mi.	*134*
	- ID: Facility ID 2000342	Status: N/A	Date: N/A	
	- ID: Tank ID G3	Status: CLS IN GRD	Date: Date Closed 06/15/1995	
	- ID: Tank ID G4	Status: CLS IN GRD	Date: Date Closed 06/15/1995	
	- ID: Tank ID R1	Status: REM FROM GRD	Date: Date Closed 06/17/1996	
	- ID: Tank ID R2	Status: REM FROM GRD	Date: Date Closed 06/17/1996	
E52	*SPEEDWAY 4630*	*4801 GREENSBORO RD*	*NNE / 0.140 mi.*	*141*
	- ID: Facility ID 2037468	Status: N/A	Date: N/A	
	- ID: Tank ID 1	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank ID 2	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank ID 3	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank ID 4	Status: CURR IN USE	Date: Date Closed N/R	
	There is an additional 1 status record, see site details.			
E53	*WILCO 663*	*4801 GREENSBORO RD*	*NNE / 0.140 mi.*	*146*
	- ID: Facility ID 2037468	Status: N/A	Date: N/A	
	- ID: Tank ID 1	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank ID 2	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank ID 3	Status: CURR IN USE	Date: Date Closed N/R	
	- ID: Tank ID 4	Status: CURR IN USE	Date: Date Closed N/R	
	There is an additional 1 status record, see site details.			
N57	WARREN TRUCKING CO INC	443 OLD SAND ROAD	NE / 0.158 mi.	*156*
	- ID: Facility ID 2006546	Status: N/A	Date: N/A	

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS *(cont.)*

UST - VA: Registered Underground Storage Tanks in Virginia **27 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
	- ID: Tank ID R1	Status: REM FROM GRD	Date: Date Closed 10/17/1998	
	- ID: Tank ID R2	Status: REM FROM GRD	Date: Date Closed 10/17/1995	
62	*TRIWOOD INC*	*680 OLD SAND ROAD*	*NE / 0.192 mi.*	*167*
	- ID: Facility ID 2004398	Status: N/A	Date: N/A	
	- ID: Tank ID R1	Status: REM FROM GRD	Date: Date Closed 08/23/1989	
	- ID: Tank ID R2	Status: REM FROM GRD	Date: Date Closed 08/23/1989	
66	W C EANES CONSTRUCTION COMPANY	25 ELLSWORTH CT	ENE / 0.240 mi.	*172*
	- ID: Facility ID 2020797	Status: N/A	Date: N/A	
	- ID: Tank ID 1	Status: PERM OUT OF USE	Date: Date Closed N/R	

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

HIST LPT - VA: List of Petroleum Storage tanks with known releases that are no longer in current agency list. **1 SITE FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
L47	BASSETT-WALKER INC	3375 JOSEPH MARTIN HIGHWAY	NNE / 0.113 mi.	*137*
	- ID: Facility ID 200000082971	Status: N/A	Date: N/A	
	- ID: PC Number 19971010	Status: Closed	Date: N/R	

LPT - VA: Petroleum Storage tanks with known releases **29 SITES FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B22	*BOBS ENTERPRISES*	*Rte 902 and 220*	*NE / 0.015 mi.*	*79*
	- ID: Facility ID 200000088691	Status: N/A	Date: N/A	
	- ID: PC Number 19880340	Status: Closed	Date: 08/21/1990	
F26	BASSETT-WALKER INC	1501 JOSEPH MARTIN HWY	NNE / 0.043 mi.	*88*
	- ID: Facility ID 200000088779	Status: N/A	Date: N/A	
	- ID: PC Number 19971010	Status: Closed	Date: 06/02/1997	
C29	GRAY CLARA RESIDENCE	31 WINDOVER ST	NE / 0.049 mi.	*94*
	- ID: Facility ID 200000859677	Status: N/A	Date: N/A	
	- ID: PC Number 20132390	Status: Closed	Date: 09/11/2013	
A35	JAMES WHITLOW RESIDENCE	101 TARDEN DR	NE / 0.056 mi.	*116*
	- ID: Facility ID 200000849867	Status: N/A	Date: N/A	
	- ID: PC Number 20092016	Status: Closed	Date: 11/03/2008	
C38	ASHBY KENNETH RESIDENCE	43 WINDOVER ST	NE / 0.063 mi.	*121*
	- ID: Facility ID 200000859379	Status: N/A	Date: N/A	
	- ID: PC Number 20132319	Status: Closed	Date: 06/04/2013	
39	MCBRIDE GLENDA RESIDENCE	199 KEN LN	NE / 0.071 mi.	*121*
	- ID: Facility ID 200000887310	Status: N/A	Date: N/A	
	- ID: PC Number 20182269	Status: Open	Date: N/R	

STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*

LPT - VA: Petroleum Storage tanks with known releases **29 SITES FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
J40	*MAIN STREET MARKET*	*310 Main St*	*NE / 0.086 mi.*	*122*
	- ID: Facility ID 200000088993 - ID: PC Number 19920200	Status: N/A Status: Closed	Date: N/A Date: 08/16/1994	
H44	LYNN METZGER RESIDENCE	479 CHURCH AVE	NE / 0.107 mi.	*132*
	- ID: Facility ID 200000881899 - ID: PC Number 20162251	Status: N/A Status: Open	Date: N/A Date: 04/14/2016	
48	ESTHER MASON RESIDENCE	737 MAIN ST	ENE / 0.114 mi.	*138*
	- ID: Facility ID 200000886226 - ID: PC Number 20182141	Status: N/A Status: Closed	Date: N/A Date: 05/29/2018	
49	WATKINS SAMUEL RESIDENCE	45 WATDILL CIR	NNE / 0.125 mi.	*139*
	- ID: Facility ID 200000878974 - ID: PC Number 20152100	Status: N/A Status: Closed	Date: N/A Date: 01/05/2015	
M50	DFI PROPERTIES - 162 MARROWBONE CIR	162 MARROWBONE CIR	NE / 0.129 mi.	*140*
	- ID: Facility ID 200000877720 - ID: PC Number 20142463	Status: N/A Status: Closed	Date: N/A Date: 07/30/2014	
51	THACKER WALTER RESIDENCE	525 WHITE HOUSE RD	NE / 0.134 mi.	*140*
	- ID: Facility ID 200000878917 - ID: PC Number 20152088	Status: N/A Status: Closed	Date: N/A Date: 11/20/2014	
L58	BOWLES E-BAY WAREHOUSES	3379 JOSEPH MARTIN HIGHWAY	NNE / 0.172 mi.	*158*
	- ID: Facility ID 200000082971 - ID: PC Number 20162310	Status: N/A Status: N/R	Date: N/A Date: 04/07/2016	
63	VEHICLE ACCIDENT INTO CREEK	1766 JOSEPH MARTIN HWY	NNE / 0.196 mi.	*170*
	- ID: Facility ID 200000886297 - ID: PC Number 20182150	Status: N/A Status: Closed	Date: N/A Date: 03/05/2018	
65	ORSINA ROBERT RESIDENCE	426 DEVINSHIRE DR	NNE / 0.223 mi.	*171*
	- ID: Facility ID 200000860327 - ID: PC Number 20142112	Status: N/A Status: Closed	Date: N/A Date: 01/06/2014	
67	KELLUM JAMES RESIDENCE	115 SUMMIT RIDGE RD	NE / 0.264 mi.	*173*
	- ID: Facility ID 200000879848 - ID: PC Number 20152313	Status: N/A Status: Closed	Date: N/A Date: 03/10/2015	
O68	NANCE DON RESIDENCE	129 SHEFFIELD RD	NE / 0.286 mi.	*174*
	- ID: Facility ID 200000885262 - ID: PC Number 20172312	Status: N/A Status: Closed	Date: N/A Date: 09/14/2017	
69	JIMMIE FORD RESIDENCE	65 MONTROSE AVE	NNE / 0.295 mi.	*175*
	- ID: Facility ID 200000886337 - ID: PC Number 20182154	Status: N/A Status: Closed	Date: N/A Date: 03/08/2018	
70	DAN PACE RESIDENCE	55 WALNUT DALE	NE / 0.324 mi.	*175*
	- ID: Facility ID 200000860204 - ID: PC Number 20142071	Status: N/A Status: Closed	Date: N/A Date: 12/19/2013	
O71	JAMES MCMILLAN RESIDENCE	229 SHEFFIELD DR	NE / 0.366 mi.	*176*
	- ID: Facility ID 200000875811 - ID: PC Number 20142401	Status: N/A Status: Closed	Date: N/A Date: 07/02/2014	

STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*

LPT - VA: Petroleum Storage tanks with known releases **29 SITES FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
72	*RIDGEWAY MART*	*700 Morehead Ave*	*ENE / 0.427 mi.*	*177*
	- ID: Facility ID 200000089763	Status: N/A	Date: N/A	
	- ID: PC Number 19940810	Status: Closed	Date: 03/31/1995	
73	ADAMS WADDELL RESIDENCE	386 FISHER FARM RD	NNE / 0.441 mi.	*180*
	- ID: Facility ID 200000873502	Status: N/A	Date: N/A	
	- ID: PC Number 20142248	Status: Closed	Date: 08/28/2014	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
M56	BRANSCOME KENNETH PROPERTY	301 MARROWBONE CIR	NE / 0.149 mi.	*156*
	- ID: Facility ID 200000873218	Status: N/A	Date: N/A	
	- ID: PC Number 20142200	Status: Closed	Date: 11/20/2014	
O64	SMITH CHRISTINE RESIDENCE	219 COVINGTON LN	NE / 0.204 mi.	*170*
	- ID: Facility ID 200000859378	Status: N/A	Date: N/A	
	- ID: PC Number 20132318	Status: Closed	Date: 06/04/2013	

STATE AND TRIBAL VOLUNTARY CLEANUP SITES

ARCHIVED VRP - VA: Archived Voluntary Remediation Program Sites **1 SITE FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
N59	VIRGINIA GLASS PRODUCTS CORPORATION	347 OLD SAND ROAD	NE / 0.188 mi.	*159*

VRP - VA: VRP Completed and Planned sites within Virginia **1 SITE FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
N60	*VIRGINIA GLASS PRODUCTS CORPORATION*	*347 OLD SAND RD*	*NE / 0.192 mi.*	*160*

STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

I C - VA: Sites with institutional controls **1 SITE FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
N60	*VIRGINIA GLASS PRODUCTS CORPORATION*	*347 OLD SAND RD*	*NE / 0.192 mi.*	*160*

RECORDS OF EMERGENCY RELEASE REPORTS

ARCHIVED SPILLS - VA: The VA Department of Environment Qualitys Pollution Response Program responses to air, water, and waste pollution incidents prior to October 2009. **1 SITE FOUND WITHIN .125 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
K43	100K GAL DRINKING WATER AST SITE	701 MAGNA VISTA SCHOOL ROAD	NNE / 0.097 mi.	*130*
	- ID: 2009-W-0199	Status: Closed	Date: 07/15/2010	

RECORDS OF EMERGENCY RELEASE REPORTS *(cont.)*

SPILLS - VA: Oil and hazardous material spills report sites **4 SITES FOUND WITHIN .125 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
24	MANHOLE OVERFLOW	591 KEN LANE-RIDGEWAY	NE / 0.036 mi.	*84*
	- ID: 2012-W-0210	Status: Closed	Date: 07/25/2011	
J41	TRACTOR TRAILER SADDLE TANK LEAK	310 MAIN STREET	NE / 0.086 mi.	*127*
	- ID: 2016-W-2663	Status: Closed	Date: 04/18/2016	

OTHER ASCERTAINABLE RECORDS

RMP: Facilities producing/handling/ process/ distribute/ store specific chemicals report plans required by the Clean Air Act **1 SITE FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
I37	SOUTHEASTERN ADHESIVES COMPANY- RIDGEWAY, VA	126 RESERVOIR ROAD (STATE ROAD 689)	ENE / 0.062 mi.	*118*

Following sites were unable to be mapped.

SITE NAME:	ADDRESS, CITY, ZIP:	DATABASE(S):
B&B MART #1	HWY 87, RIDGEWAY 24148	UST - VA
CONNER GLADYS B	RTE 3 BOX 791, RIDGEWAY 24148	UST - VA
DAN BAPTIST LUMBER COMPANY	927 GARNETT RD, RIDGEWAY 24148	UST - VA
DREWERY MASON HIGH SCHOOL	RT 220 S, RIDGEWAY 24148	UST - VA
DREWRY MASON MIDDLE SCHOOL	HWY 220 SOUTH, RIDGEWAY 24148	ECHO, FRS, RCRA_CESQG
FISH KILL, PRIVATE POND	LEEFER CAMP RD?, RIDGEWAY 24148	Archived SPILLS - VA
HARDIES GROCERY	RTE 640, RIDGEWAY 24148	UST - VA
MAGNA VISTA HIGH SCHOOL	HWY 687, RIDGEWAY 24148	RCRA_CESQG
MULTITRADE GROUP - RIDGEWAY PLANT	FRITH DR - MARTINSVILL..., RIDGEWAY 24148	UST - VA
PHILLIPS 66 CO #40408	RTE 2, RIDGEWAY 24148	UST - VA
SOUTHEASTERN ADHESIVES CO	SR 689, RIDGEWAY 24148	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES
SPRINT RIDGEWAY CENTRAL OFFICE	RTE 902, RIDGEWAY 24148	UST - VA
TATE UPHOLSTERY SERVICE	MAIN STREET, RIDGEWAY 24148	UST - VA
THOMAS J COX / COXS SERVICE STATION	RTE 87, RIDGEWAY 24148	UST - VA

DATABASE(S) WITH NO MAPPED SITES:

FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST

ARCHIVED RCRA TSDF	Archived Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities
RCRA_TSDF	Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities

FEDERAL CERCLIS LIST

CERCLIS NFRAP	Comprehensive Environmental Response Compensation and Liability Act No Further Remedial Action Planned
CERCLIS-HIST	Comprehensive Environmental Response Compensation and Liability Act
FEDERAL FACILITY	Federal Facility sites
SEMS_8R_ACTIVE SITES	Sites on SEMS Active Site Inventory
SEMS_8R_ARCHIVED SITES	Sites on SEMS Archived Site Inventory

FEDERAL RCRA CORRACTS FACILITIES LIST

CORRACTS	Hazardous Waste Corrective Action
HIST CORRACTS 2	Historical Hazardous Waste Corrective Action

FEDERAL DELISTED NPL SITE LIST

DELISTED NPL	Delisted National Priority List
DELISTED PROPOSED NPL	Delisted proposed National Priority List
SEMS_DELETED NPL	Sites Deleted from National Priorities List

FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

EPA LF MOP	EPA Landfill Methane Outreach Project Database

FEDERAL ERNS LIST

ERNS	Emergency Response Notification System

FEDERAL RCRA GENERATORS LIST

HIST RCRA_CESQG	Historical Resource Conservation and Recovery Act_Conditionally Exempt Small Quantity Generators
HIST RCRA_LQG	Historical Resource Conservation and Recovery Act_ Large Quantity Generators
HIST RCRA_NONGEN	Historical Resource Conservation and Recovery Act_Non Generators
HIST RCRA_SQG	Historical Resource Conservation and Recovery Act_Small Quantity Generators
RCRA_LQG	Resource Conservation and Recovery Act_ Large Quantity Generators
RCRA_NONGEN	Resource Conservation and Recovery Act_Non Generators

FEDERAL NPL SITE LIST

NPL	National Priority List
NPL EPA R1 GIS	GIS for EPA Region 1 NPL
NPL EPA R3 GIS	GIS for EPA Region 3 NPL
NPL EPA R6 GIS	GIS for EPA Region 6 NPL
NPL EPA R8 GIS	GIS for EPA Region 8 NPL
NPL EPA R9 GIS	GIS for EPA Region 9 NPL
PART NPL	Part National Priority List
PROPOSED NPL	Proposed National Priority List
SEMS_FINAL NPL	Sites included on the Final National Priorities List
SEMS_PROPOSED NPL	Sites Proposed to be Added to the National Priorities List

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

RCRA IC_EC	RCRA sites with Institutional and Engineering Controls
FED E C	Engineering Controls
FED I C	Institutional Controls

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

FEMA UST	FEMA Underground Storage Tanks
INDIAN UST R1	Underground Storage Tanks on Indian Land in EPA Region 1
INDIAN UST R10	Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN UST R2	Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN UST R4	Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN UST R5	Underground Storage Tanks on Indian Land in EPA Region 5
INDIAN UST R6	Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN UST R7	Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN UST R8	Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN UST R9	Underground Storage Tanks on Indian Land in EPA Region 9

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land in EPA Region 1
INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN LUST R2	Leaking Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land in EPA Region 5

STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*

INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land in EPA Region 9
PRO LUST - VA	Leaking Underground Storage Tanks
SWRO LPT - VA	Leaking Petroleum Storage Tanks
TRO LUST - VA	Leaking Underground Storage Tanks
VRO LUST - VA	Leaking Underground Storage Tanks

STATE AND TRIBAL BROWNFIELD SITES

TRIBAL BROWNFIELDS	Tribal Brownfields
BROWNFIELDS - VA	Brownfield

STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

SWF/LF - VA	Solid Waste Facilities and Landfills

LOCAL BROWNFIELD LISTS

BROWNFIELDS-ACRES	EPA ACRES Brownfields
FED BROWNFIELDS	Federal Brownfields

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

FED CDL	DOJ Clandestine Drug Labs
US HIST CDL	Historical Clandestine Drug Labs

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES

HIST INDIAN ODI R8	Historical Open Dump Inventory
INDIAN ODI R8	Open Dump Inventory
ODI	Open Dump Inventory
TRIBAL ODI	Indian Open Dump Inventory Sites

RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT)	Hazardous Materials Information Reporting Systems

LOCAL LAND RECORDS

LIENS 2	CERCLA Lien Information

OTHER ASCERTAINABLE RECORDS

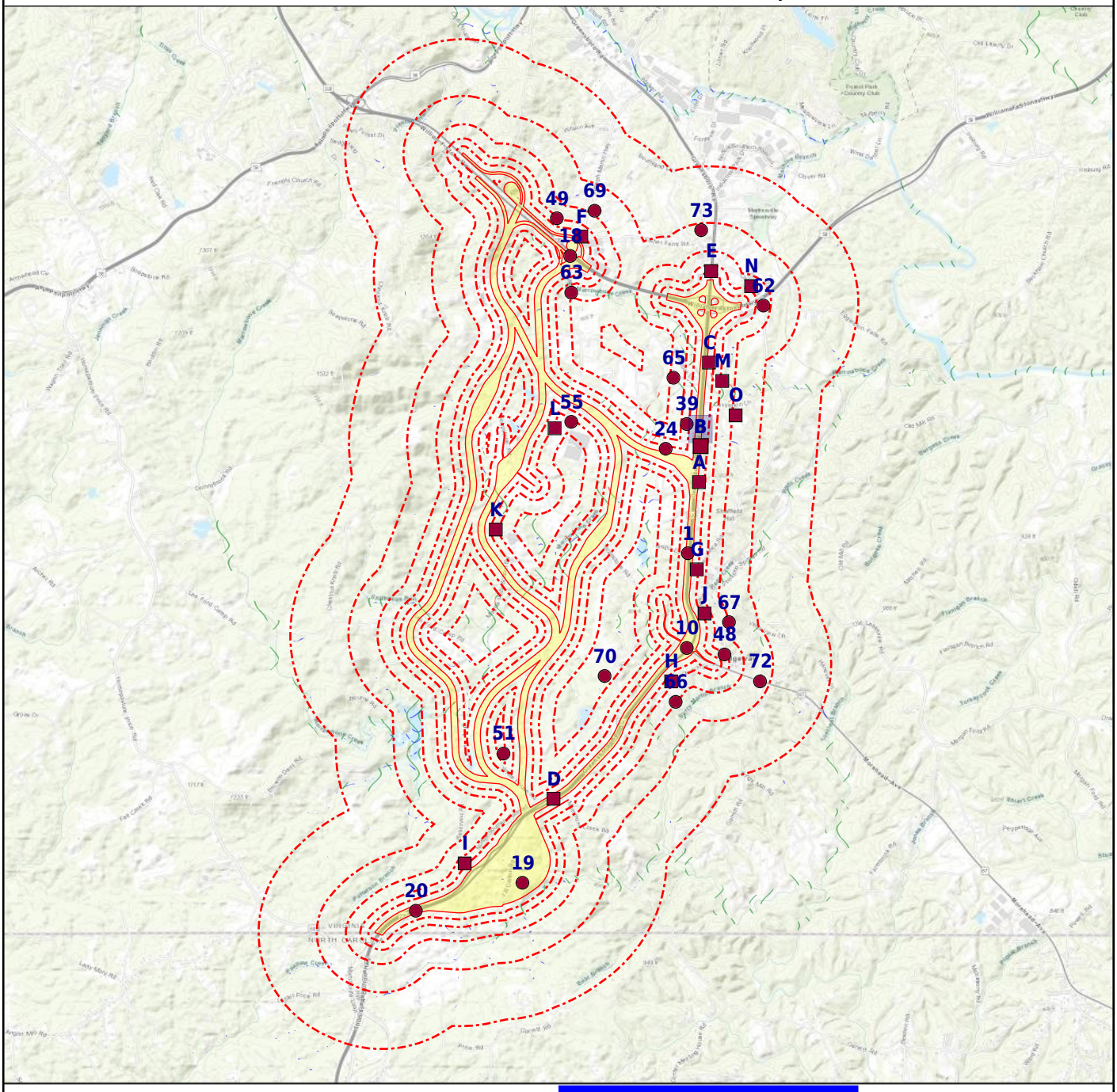
BRS	Biennial Reporting Systems
CDC HAZDAT	Hazardous Substance Release and Health Effects Information
COAL ASH DOE	Coal Ash: Department of Energy
COAL ASH EPA	Coal Ash: Environmental Protection Agency
COAL GAS	Coal Gas Plants
CONSENT (DECREES)	Superfund Consent Decree
DEBRIS R5 LF	Disaster Debris Landfill Data
DEBRIS R5 SWRCY	Disaster Debris Recovery Data
DOD	Department of Defense
DOT OPS	Department of Transportation Office of Pipeline Safety
ENOI	Electronic Notice of Intent
EPA FUELS	EPA Fuels Registration, Reporting, and Compliance List
EPA OSC	EPA On-Site Coordinator
EPA WATCH	EPA Watch List
FA HWF	Financial Assurance for Hazardous Waste Facilities
FEDLAND	Federal Lands
FTTS	FIFRA/TSCA Tracking System
FTTS INSP	FIFRA/TSCA Tracking System: Inspections
FUDS	Formerly Used Defense Sites
HIST AFS	Historical Air Facility Systems
HIST AFS 2	Historical Air Facility Systems
HIST DOD	Department of Defense historical sites
HIST LEAD_SMELTER	Historical Lead Smelter Sites

OTHER ASCERTAINABLE RECORDS *(cont.)*

HIST MLTS	Historical Material Licensing Tracking Systems
HIST PCB TRANS	Historical Polychlorinated Biphenyl (PCB) Facilities
HIST PCS ENF	Historical Enforced Permit Compliance Facilities
HIST PCS FACILITY	Historical Permit Compliance Facilities
HIST SSTS	Historical Section 7 Tracking Systems
HWC DOCKET	Hazardous Waste Compliance Docket
ICIS	Integrated Compliance Information System
INACTIVE PCS	Inactive Permit Compliance Facilities
INDIAN RESERVATION	Indian Reservations
LEAD_SMELTER	Lead Smelter Sites
LUCIS	Land Use Control Information Systems
LUCIS 2	Land Use Control Information Systems 2
MINES	Mines
MLTS	Material Licensing Tracking Systems
NPL AOC	Areas related to NPL remediation sites
NPL LIENS	National Priority List Liens
OSHA	Occupational Safety & Health Administration
PADS	PCB Activity Database Systems
PCB TRANSFORMER	Polychlorinated Biphenyl (PCB) Waste
PCS ENF	Enforced Permit Compliance Facilities
PCS FACILITY	Permit Compliance Facilities
RAATS	RCRA Administrative Action Tracking Systems
RADINFO	Radiation Information Systems
ROD	Record of Decision
SCRD DRYCLEANERS	SCRD Drycleaners
SEMS_SMELTER	Sites on SEMS Potential Smelter Activity
SSTS	Section 7 Tracking Systems
STORMWATER	Storm Water Permits
TOSCA-PLANT	Toxic Substance Control Act: Plants
TRIS	Toxic Release Inventory Systems
UMTRA	Uranium Mill Tailing Sites
CORRECTIVE ACTIONS_2020	Wastes - Hazardous Waste - Corrective Action
AIRS - VA	Air Permits
CEDS - VA	Comprehensive Environmental Data System
DRYCLEANERS - VA	Drycleaners
ENF - VA	Enforcement Actions Data
HIST DRYCLEANERS - VA	Historical Drycleaners

SUBJECT NAME: Proposed Western Connector Roads
ADDRESS: Greensboro Rd, Ridgeway, VA 24148
LAT/LONG: 36.542832 / -79.910476

PREPARED FOR: EEE Consulting Inc Mechanicsville
ORDER #: 27164
REPORT DATE: February 15, 2019



- Subject Property
- Department of Defense (No Data)
- FEMA FloodZone 100 (No Data)
- National Priority List (No Data)
- Equal/Higher Elevation
- DFIRM Floodzone 100
- FEMA FloodZone 500 (No Data)
- NWI
- Lower Elevation
- DFIRM Floodzone 500
- Historical DOD (No Data)
- CDC HAZDAT (No Data)
- Federal Lands (No Data)
- Indian Reservation (No Data)

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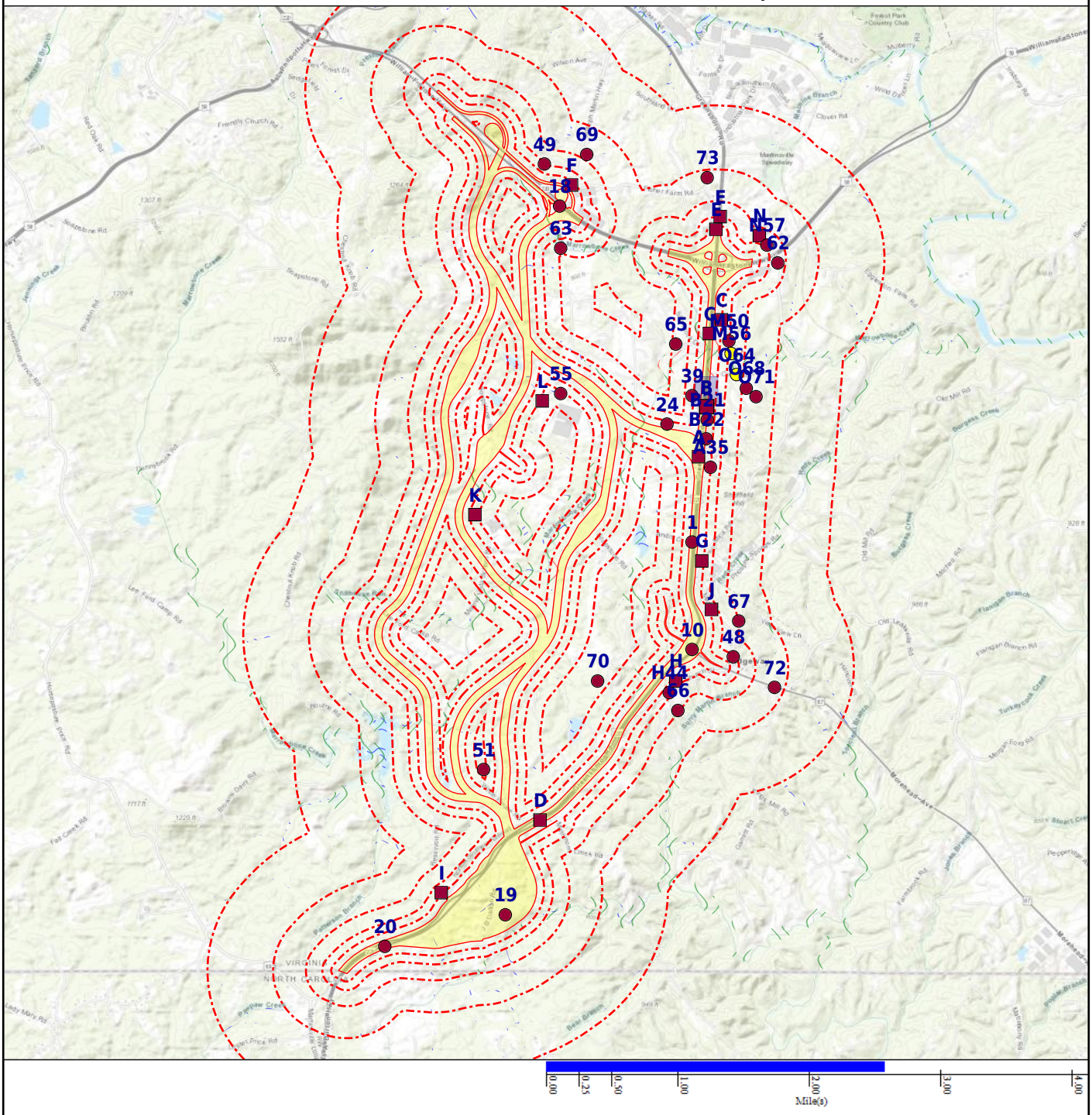


- Subject Property
- Equal/Higher Elevation
- Lower Elevation
- CDC HAZDAT (No Data)
- Department of Defense (No Data)
- DFIRM Floodzone 100
- DFIRM Floodzone 500
- Federal Lands (No Data)
- FEMA FloodZone 100 (No Data)
- FEMA FloodZone 500 (No Data)
- Historical DOD (No Data)
- Indian Reservation (No Data)
- National Priority List (No Data)
- NWI

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST								
ARCHIVED RCRA TSDF		0.500	0	0	0	--	--	0
RCRA_TSDF		0.500	0	0	0	--	--	0
FEDERAL CERCLIS LIST								
CERCLIS NFRAP		0.500	0	0	0	--	--	0
CERCLIS-HIST		0.500	0	0	0	--	--	0
FEDERAL FACILITY		1.000	0	0	0	0	--	0
SEMS_8R_ACTIVE SITES		0.500	0	0	0	--	--	0
SEMS_8R_ARCHIVED SITES		0.500	0	0	0	--	--	0
FEDERAL RCRA CORRACTS FACILITIES LIST								
CORRACTS		1.000	0	0	0	0	--	0
HIST CORRACTS 2		1.000	0	0	0	0	--	0
FEDERAL DELISTED NPL SITE LIST								
DELISTED NPL		1.000	0	0	0	0	--	0
DELISTED PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_DELETED NPL		1.000	0	0	0	0	--	0
FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS								
EPA LF MOP		0.500	0	0	0	--	--	0
FEDERAL ERNS LIST								
ERNS		SP	0	--	--	--	--	0
FEDERAL RCRA GENERATORS LIST								
HIST RCRA_CESQG		0.250	0	0	--	--	--	0
HIST RCRA_LQG		0.250	0	0	--	--	--	0
HIST RCRA_NONGEN		0.250	0	0	--	--	--	0
HIST RCRA_SQG		0.250	0	0	--	--	--	0
RCRA_CESQG	X	0.250	2	2	--	--	--	5
RCRA_LQG		0.250	0	0	--	--	--	0
RCRA_NONGEN		0.250	0	0	--	--	--	0
RCRA_SQG		0.250	0	1	--	--	--	1
FEDERAL NPL SITE LIST								
NPL		1.000	0	0	0	0	--	0
NPL EPA R1 GIS		1.000	0	0	0	0	--	0
NPL EPA R3 GIS		1.000	0	0	0	0	--	0
NPL EPA R6 GIS		1.000	0	0	0	0	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
FEDERAL NPL SITE LIST *(cont.)*								
NPL EPA R8 GIS		1.000	0	0	0	0	--	0
NPL EPA R9 GIS		1.000	0	0	0	0	--	0
PART NPL		1.000	0	0	0	0	--	0
PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_FINAL NPL		1.000	0	0	0	0	--	0
SEMS_PROPOSED NPL		1.000	0	0	0	0	--	0
FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES								
RCRA IC_EC		0.250	0	0	--	--	--	0
FED E C		0.500	0	0	0	--	--	0
FED I C		0.500	0	0	0	--	--	0
STATE AND TRIBAL REGISTERED STORAGE TANK LISTS								
FEMA UST		0.250	0	0	--	--	--	0
INDIAN UST R1		0.250	0	0	--	--	--	0
INDIAN UST R10		0.250	0	0	--	--	--	0
INDIAN UST R2		0.250	0	0	--	--	--	0
INDIAN UST R4		0.250	0	0	--	--	--	0
INDIAN UST R5		0.250	0	0	--	--	--	0
INDIAN UST R6		0.250	0	0	--	--	--	0
INDIAN UST R7		0.250	0	0	--	--	--	0
INDIAN UST R8		0.250	0	0	--	--	--	0
INDIAN UST R9		0.250	0	0	--	--	--	0
AST - VA	X	0.250	2	3	--	--	--	6
UST - VA	X	0.250	10	5	--	--	--	27
STATE AND TRIBAL LEAKING STORAGE TANK LISTS								
INDIAN LUST R1		0.500	0	0	0	--	--	0
INDIAN LUST R10		0.500	0	0	0	--	--	0
INDIAN LUST R2		0.500	0	0	0	--	--	0
INDIAN LUST R4		0.500	0	0	0	--	--	0
INDIAN LUST R5		0.500	0	0	0	--	--	0
INDIAN LUST R6		0.500	0	0	0	--	--	0
INDIAN LUST R7		0.500	0	0	0	--	--	0
INDIAN LUST R8		0.500	0	0	0	--	--	0
INDIAN LUST R9		0.500	0	0	0	--	--	0
HIST LPT - VA		0.500	1	0	0	--	--	1
LPT - VA	X	0.500	9	8	7	--	--	29

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*								
PRO LUST - VA		0.500	0	0	0	--	--	0
SWRO LPT - VA		0.500	0	0	0	--	--	0
TRO LUST - VA		0.500	0	0	0	--	--	0
VRO LUST - VA		0.500	0	0	0	--	--	0
STATE AND TRIBAL BROWNFIELD SITES								
TRIBAL BROWNFIELDS		0.500	0	0	0	--	--	0
BROWNFIELDS - VA		0.500	0	0	0	--	--	0
STATE AND TRIBAL VOLUNTARY CLEANUP SITES								
ARCHIVED VRP - VA		0.500	0	1	0	--	--	1
VRP - VA		0.500	0	1	0	--	--	1
STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES								
I C - VA		0.500	0	1	0	--	--	1
STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS								
SWF/LF - VA		0.500	0	0	0	--	--	0
LOCAL BROWNFIELD LISTS								
BROWNFIELDS-ACRES		0.500	0	0	0	--	--	0
FED BROWNFIELDS		0.500	0	0	0	--	--	0
LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES								
FED CDL		SP	0	--	--	--	--	0
US HIST CDL		SP	0	--	--	--	--	0
LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES								
HIST INDIAN ODI R8		0.500	0	0	0	--	--	0
INDIAN ODI R8		0.500	0	0	0	--	--	0
ODI		0.500	0	0	0	--	--	0
TRIBAL ODI		0.500	0	0	0	--	--	0
RECORDS OF EMERGENCY RELEASE REPORTS								
HMIRS (DOT)		SP	0	--	--	--	--	0
ARCHIVED SPILLS - VA		0.125	1	--	--	--	--	1
SPILLS - VA	X	0.125	2	--	--	--	--	4
LOCAL LAND RECORDS								
LIENS 2		SP	0	--	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS								
AFS	X	SP	--	--	--	--	--	2
BRS		SP	0	--	--	--	--	0
CDC HAZDAT		1.000	0	0	0	0	--	0
COAL ASH DOE		0.500	0	0	0	--	--	0
COAL ASH EPA		0.500	0	0	0	--	--	0
COAL GAS		1.000	0	0	0	0	--	0
CONSENT (DECREES)		1.000	0	0	0	0	--	0
DEBRIS R5 LF		0.500	0	0	0	--	--	0
DEBRIS R5 SWRCY		0.500	0	0	0	--	--	0
DOD		1.000	0	0	0	0	--	0
DOT OPS		SP	0	--	--	--	--	0
ECHO	X	SP	--	--	--	--	--	1
ENOI		SP	0	--	--	--	--	0
EPA FUELS		SP	0	--	--	--	--	0
EPA OSC		0.125	0	--	--	--	--	0
EPA WATCH		SP	0	--	--	--	--	0
FA HWF		SP	0	--	--	--	--	0
FEDLAND		1.000	0	0	0	0	--	0
FRS	X	SP	--	--	--	--	--	1
FTTS		SP	0	--	--	--	--	0
FTTS INSP		SP	0	--	--	--	--	0
FUDS		1.000	0	0	0	0	--	0
HIST AFS		SP	0	--	--	--	--	0
HIST AFS 2		SP	0	--	--	--	--	0
HIST DOD		1.000	0	0	0	0	--	0
HIST LEAD_SMELTER		SP	0	--	--	--	--	0
HIST MLTS		SP	0	--	--	--	--	0
HIST PCB TRANS		SP	0	--	--	--	--	0
HIST PCS ENF		SP	0	--	--	--	--	0
HIST PCS FACILITY		SP	0	--	--	--	--	0
HIST SSTS		SP	0	--	--	--	--	0
HWC DOCKET		SP	0	--	--	--	--	0
ICIS		SP	0	--	--	--	--	0
INACTIVE PCS		SP	0	--	--	--	--	0
INDIAN RESERVATION		1.000	0	0	0	0	--	0
LEAD_SMELTER		SP	0	--	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
LUCIS		0.500	0	0	0	--	--	0
LUCIS 2		0.500	0	0	0	--	--	0
MINES		0.250	0	0	--	--	--	0
MLTS		SP	0	--	--	--	--	0
NPL AOC		1.000	0	0	0	0	--	0
NPL LIENS		SP	0	--	--	--	--	0
OSHA		SP	0	--	--	--	--	0
PADS		SP	0	--	--	--	--	0
PCB TRANSFORMER		SP	0	--	--	--	--	0
PCS ENF		SP	0	--	--	--	--	0
PCS FACILITY		SP	0	--	--	--	--	0
RAATS		SP	0	--	--	--	--	0
RADINFO		SP	0	--	--	--	--	0
RMP		0.500	1	0	0	--	--	1
ROD		1.000	0	0	0	0	--	0
SCRD DRYCLEANERS		0.250	0	0	--	--	--	0
SEMS_SMELTER		SP	0	--	--	--	--	0
SSTS		SP	0	--	--	--	--	0
STORMWATER		SP	0	--	--	--	--	0
TOSCA-PLANT		SP	0	--	--	--	--	0
TRIS		SP	0	--	--	--	--	0
UMTRA		0.500	0	0	0	--	--	0
CORRECTIVE ACTIONS_2020		0.500	0	0	0	--	--	0
AIRS - VA		SP	0	--	--	--	--	0
CEDS - VA		SP	0	--	--	--	--	0
DAYCARE - VA	X	SP	--	--	--	--	--	1
DRYCLEANERS - VA		0.250	0	0	--	--	--	0
ENF - VA		SP	0	--	--	--	--	0
HIST DRYCLEANERS - VA		0.250	0	0	--	--	--	0

Map Id: 1
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : RIDGEWAY TIRE AND AUTO
7394 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 14438991
EPA ID: N/R

UST - VA

Facility Name :	Ridgeway Tire and Auto
Facility Address :	7394 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2013698
Facility Type :	GAS STATION
CEDS Facility ID :	200000095809
Region Code :	BRROR

Tank Information

Install Date :	05/01/1999
Date Closed :	03/14/2013
Tank Number :	3
Tank Status :	TEMP OUT OF USE
Tank Owner ID :	39184
Tank Type :	UST
Capacity :	4000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	39184
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/01/1999
Date Closed :	N/R
Tank Number :	1
Tank Status :	TEMP OUT OF USE
Tank Owner ID :	39184
Tank Type :	UST

Map Id: 1
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : RIDGEWAY TIRE AND AUTO
7394 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14438991
EPA ID: N/R

UST - VA ***(cont.)***

Capacity :	4000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	39184
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/01/1999
Date Closed :	N/R
Tank Number :	2
Tank Status :	TEMP OUT OF USE
Tank Owner ID :	39184
Tank Type :	UST
Capacity :	4000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	39184
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N

Map Id: 1
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : RIDGEWAY TIRE AND AUTO
7394 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14438991
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	02/01/1971
Date Closed :	11/15/1987
Tank Number :	R4
Tank Status :	REM FROM GRD
Tank Owner ID :	32586
Tank Type :	UST
Capacity :	2000
Federally Regulated Tank :	Y
Contents :	KEROSENE
Other Contents :	N/R

Tank Material Information

Tank Number :	R4
Tank Owner ID :	32586
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	01/01/1968
Date Closed :	05/20/1999
Tank Number :	R1
Tank Status :	REM FROM GRD
Tank Owner ID :	39184
Tank Type :	UST
Capacity :	4000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Map Id: 1
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : RIDGEWAY TIRE AND AUTO
7394 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14438991
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	R1
Tank Owner ID :	39184
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	01/01/1968
Date Closed :	05/20/1999
Tank Number :	R2
Tank Status :	REM FROM GRD
Tank Owner ID :	39184
Tank Type :	UST
Capacity :	4000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R2
Tank Owner ID :	39184
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: 1
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : RIDGEWAY TIRE AND AUTO
7394 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14438991
EPA ID: N/R

UST - VA ***(cont.)***

Tank Information

Install Date :	01/01/1968
Date Closed :	05/20/1999
Tank Number :	R3
Tank Status :	REM FROM GRD
Tank Owner ID :	39184
Tank Type :	UST
Capacity :	4000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R3
Tank Owner ID :	39184
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: A2
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ, INC. #308
6758 GREENSBORO RD.
RIDGEWAY, VA 24148

Database(s) : [AFS, ECHO, FRS]

Envirosite ID: 7133950
EPA ID: N/R

AFS

Facility Name :	SHEETZ, INC. #308
Facility Address :	6758 GREENSBORO RD., RIDGEWAY, VA 24148
County :	Henry

Facility Summary

Program System ID :	VA00000051089G0068
Facility Registry ID :	110024259425

Map Id: A2
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ, INC. #308
6758 GREENSBORO RD.
RIDGEWAY, VA 24148

Database(s) : [AFS, ECHO, FRS] ***(cont.)***

Envirosite ID: 7133950
EPA ID: N/R

AFS ***(cont.)***

EPA Region :	EPA Region 3 - DE, DC, MD, PA, VA, WV
SIC Codes :	5541
NAICS Code :	999999
NAICS Code Description :	N/R
Facility Type :	Privately Owned Facility
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions
Air Operating Status Code :	OPR
Air Operating Status Description :	Operating
Current High Priority Violation (HPV) Code:	No Viol
Current High Priority Violation (HPV) Description:	No Viol
Local Control Region Code :	N/R
Local Control Region Name :	N/R

Air Pollutant Details

Program System ID :	VA00000051089G0068
Pollutant Code :	300000242
Pollutant Description :	TOTAL HAZARDOUS AIR POLLUTANTS (HAPS)
SRS ID :	761502
Chemical Abstract Service Number :	N/R
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Air Violation History Details

HPV Day Zero Date :	N/R
HPV Resolved Date :	N/R
Program System ID :	N/R
Activity ID :	N/R
Agency Type :	N/R
State Code :	N/R
Air LCON Code :	N/R
Comp Determination UID :	N/R
ENF Response Policy Codes :	N/R
ENF Response Policy Description :	N/R
Program Codes :	N/R
Program Description :	N/R
Pollutant Codes :	N/R
Pollutant Description :	N/R
Earliest FRV Determ Date :	N/R

ECHO

Facility Name :	SHEETZ, INC. #308
Facility Address :	6758 GREENSBORO RD., RIDGEWAY, VA 24148
County :	HENRY

Site Details

Last Inspection Date :	N/R
Registry ID :	110024259425

Map Id: A2
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ, INC. #308
6758 GREENSBORO RD.
RIDGEWAY, VA 24148

Database(s) : [AFS, ECHO, FRS] ***(cont.)***

Envirosite ID: 7133950
EPA ID: N/R

ECHO ***(cont.)***

FIPS Code :	51089
EPA Region :	03
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	N/R
Derived HUC :	03010103
Derived WBD :	030101030802
Derived STCTY FIPS :	51089
Derived Zip :	24148
Derived CD113 :	09
Derived CB2010 :	510890106012035
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	5541
Facility NAICS Codes :	44711 999999
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R

Map Id: A2
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ, INC. #308
6758 GREENSBORO RD.
RIDGEWAY, VA 24148

Database(s) : [AFS, ECHO, FRS] ***(cont.)***

Envirosite ID: 7133950
EPA ID: N/R

ECHO ***(cont.)***

Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	Y
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	36.60029
Longitude :	-79.86222
Last Date in Agency List :	10/08/2018

FRS

Facility Name :	SHEETZ, INC. #308
Facility Address :	6758 GREENSBORO RD., RIDGEWAY, VA 24148
County :	HENRY
Registry ID :	110024259425
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

AFS contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

Source Description :

AIR contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

Source Description :

RCRAInfo is EPA’s comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Map Id: A2
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ, INC. #308
6758 GREENSBORO RD.
RIDGEWAY, VA 24148

Database(s) : [AFS, ECHO, FRS] ***(cont.)***

Envirosite ID: 7133950
EPA ID: N/R

FRS ***(cont.)***

FRS Environmental Interest
Source and System ID : AIRS/AFS - 51089G0068
ICIS - VA00000051089G0068
RCRAINFO - VAR000510446

Map Id: A3
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ 308
6758 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA, UST - VA]

Envirosite ID: 14439978
EPA ID: N/R

LPT - VA

Facility Name :	Sheetz 308
Facility Address :	6758 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County
Release Reported :	12/23/2016
PC Number :	20172179
CEDS Facility ID :	200000200422
Case Status :	Closed
Case Closed Date :	05/31/2017
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	N/R
Federally Regulated UST :	Y
Regulated Petroleum UST (1) :	Y
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6003330002566
Longitude :	-79.8626280002458
Last Date in Agency List :	11/16/2018

UST - VA

Facility Name :	Sheetz 308
Facility Address :	6758 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Map Id: A3
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ 308
6758 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 14439978
EPA ID: N/R

UST - VA ***(cont.)***

Site Details

Facility ID :	2037784
Facility Type :	GAS STATION
CEDS Facility ID :	200000200422
Region Code :	BRROR

Tank Information

Install Date :	02/01/2001
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	31528
Tank Type :	UST
Capacity :	15000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	31528
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	Y
Tank Material Other Notes :	ACT100U
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	02/01/2001
Date Closed :	N/R
Tank Number :	2
Tank Status :	CURR IN USE
Tank Owner ID :	31528
Tank Type :	UST
Capacity :	15000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Map Id: A3
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ 308
6758 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 14439978
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	2
Tank Owner ID :	31528
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	Y
Tank Material Other Notes :	ACT100U
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	02/01/2001
Date Closed :	N/R
Tank Number :	3
Tank Status :	CURR IN USE
Tank Owner ID :	31528
Tank Type :	UST
Capacity :	15000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	31528
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	Y
Tank Material Other Notes :	ACT100U
Tank Materials Epoxy Steel :	N/R

Map Id: A3
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ 308
6758 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 14439978
EPA ID: N/R

UST - VA ***(cont.)***

Tank Information

Install Date :	02/01/2001
Date Closed :	N/R
Tank Number :	4
Tank Status :	CURR IN USE
Tank Owner ID :	31528
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	4
Tank Owner ID :	31528
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	Y
Tank Material Other Notes :	ACT100U
Tank Materials Epoxy Steel :	N/R

Map Id: A4
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ STORE #308
6758 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [RCRA_CESQG]

Envirosite ID: 414433180
EPA ID: VAR000510446

RCRA_CESQG

Facility Name :	SHEETZ STORE #308
Facility Address :	6758 GREENSBORO RD, RIDGEWAY, VA 24148
County :	HENRY
Date Form Received by Agency :	07/19/2011
EPA ID :	VAR000510446
Mailing Address :	5700 6TH AVENUE, ALTOONA, PA 16602
Contact :	DAVID S DODSON

Map Id: A4
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ STORE #308
6758 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [RCRA_CESQG] ***(cont.)***

Envirosite ID: 414433180
EPA ID: VAR000510446

RCRA_CESQG ***(cont.)***

Contact Address :	N/R
Contact Country :	US
Contact Telephone :	814-239-1402
Contact Email :	DDODSON@SHEETZ.COM
EPA Region :	03
Land Type :	Private
Source Type :	Notification
Classification :	Conditionally Exempt Small Quantity Generator

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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 :	SHEETZ, INC.
Owner/Operator Address :	5700 6TH AVENUE, ALTOONA, PA 16602
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	05/13/2001
Owner/Operator End Date :	N/R

Owner/Operator Name :	SHEETZ, INC.
Owner/Operator Address :	N/R
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	05/13/2001
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N

Map Id: A4
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : SHEETZ STORE #308
6758 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [RCRA_CESQG] ***(cont.)***

Envirosite ID: 414433180
EPA ID: VAR000510446

RCRA_CESQG ***(cont.)***

Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	06/16/2005
Facility Name :	SHEETZ STORE #308
Classification :	Small Quantity Generator

Hazardous Waste Summary

Waste Code / Name :	D018 - BENZENE

Notices of Violations Summary

Regulation Violated :	N

Map Id: A5
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : COVINGTON TRUSTC/O DOMINION TRS
WATER PLANT RD AND RTE 220
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 14438172
EPA ID: N/R

UST - VA

Facility Name :	COVINGTON TRUSTC/O DOMINION TRS
Facility Address :	Water Plant Rd and Rte 220, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2004569
Facility Type :	COMMERCIAL
CEDS Facility ID :	200000088757
Region Code :	BRROR

Tank Information

Install Date :	N/R
Date Closed :	06/01/1984

Map Id: A5
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : COVINGTON TRUSTC/O DOMINION TRS
WATER PLANT RD AND RTE 220
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14438172
EPA ID: N/R

UST - VA ***(cont.)***

Tank Number :	1
Tank Status :	CLS IN GRD
Tank Owner ID :	28769
Tank Type :	UST
Capacity :	N/R
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	28769
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	N/R
Date Closed :	06/01/1984
Tank Number :	2
Tank Status :	CLS IN GRD
Tank Owner ID :	28769
Tank Type :	UST
Capacity :	N/R
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	28769
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N

Map Id: A5
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : COVINGTON TRUSTC/O DOMINION TRS
WATER PLANT RD AND RTE 220
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14438172
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	N/R
Date Closed :	06/01/1984
Tank Number :	3
Tank Status :	CLS IN GRD
Tank Owner ID :	28769
Tank Type :	UST
Capacity :	N/R
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	28769
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: A6
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : ON THE RUN 107
6690 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 14437877
EPA ID: N/R

UST - VA

Facility Name :	On the Run 107
Facility Address :	6690 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2001071
Facility Type :	GAS STATION
CEDS Facility ID :	200000082164
Region Code :	BRROR

Tank Information

Install Date :	01/01/1994
Date Closed :	N/R
Tank Number :	6
Tank Status :	TEMP OUT OF USE
Tank Owner ID :	37211
Tank Type :	UST
Capacity :	4000
Federally Regulated Tank :	Y
Contents :	KEROSENE
Other Contents :	N/R

Tank Material Information

Tank Number :	6
Tank Owner ID :	37211
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	Y
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	11/04/1987
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	37211
Tank Type :	UST

Map Id: A6
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : ON THE RUN 107
6690 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14437877
EPA ID: N/R

UST - VA ***(cont.)***

Capacity :	10000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	37211
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	11/04/1987
Date Closed :	N/R
Tank Number :	2
Tank Status :	CURR IN USE
Tank Owner ID :	37211
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	37211
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N

Map Id: A6
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : ON THE RUN 107
6690 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14437877
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	11/04/1987
Date Closed :	N/R
Tank Number :	3
Tank Status :	CURR IN USE
Tank Owner ID :	37211
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	37211
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	11/04/1987
Date Closed :	N/R
Tank Number :	4
Tank Status :	CURR IN USE
Tank Owner ID :	37211
Tank Type :	UST
Capacity :	20000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Map Id: A6
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : ON THE RUN 107
6690 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14437877
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	4
Tank Owner ID :	37211
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	11/04/1987
Date Closed :	N/R
Tank Number :	5
Tank Status :	CURR IN USE
Tank Owner ID :	37211
Tank Type :	UST
Capacity :	20000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	5
Tank Owner ID :	37211
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: A7
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : EZ STOP #107
6690 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24849404
EPA ID: N/R

LPT - VA

Facility Name :	EZ STOP #107
Facility Address :	6690 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County
Release Reported :	01/19/1994
PC Number :	19941717
CEDS Facility ID :	200000082164
Case Status :	Closed
Case Closed Date :	08/11/1994
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	N/R
Federally Regulated UST :	Y
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6015990922005
Longitude :	-79.8622464426255
Last Date in Agency List :	11/16/2018

Map Id: A8
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : GETTY MART #71011
6697 S GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 14437976
EPA ID: N/R

UST - VA

Facility Name :	GETTY MART #71011
Facility Address :	6697 S Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2002328
Facility Type :	GAS STATION
CEDS Facility ID :	200000082184
Region Code :	BRROR

Map Id: A8
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : GETTY MART #71011
6697 S GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14437976
EPA ID: N/R

UST - VA ***(cont.)***

Tank Information

Install Date :	04/09/1969
Date Closed :	06/29/2001
Tank Number :	R1
Tank Status :	REM FROM GRD
Tank Owner ID :	27127
Tank Type :	UST
Capacity :	8000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R1
Tank Owner ID :	27127
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	Y
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	04/09/1969
Date Closed :	06/29/2001
Tank Number :	R2
Tank Status :	REM FROM GRD
Tank Owner ID :	27127
Tank Type :	UST
Capacity :	8000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R2
Tank Owner ID :	27127
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N

Map Id: A8
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : GETTY MART #71011
6697 S GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14437976
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	Y
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: A9
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : GETTY MART #11
6697 S GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24846449
EPA ID: N/R

LPT - VA

Facility Name :	GETTY MART #11
Facility Address :	6697 S Greensboro Rd, Ridgeway, VA 24148
County :	Henry County
Release Reported :	10/02/1998
PC Number :	19991056
CEDS Facility ID :	200000082184
Case Status :	Closed
Case Closed Date :	06/08/1999
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	N/R
Federally Regulated UST :	Y
Regulated Petroleum UST (1) :	Y
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6009177899983
Longitude :	-79.8616035129868

Map Id: A9
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : GETTY MART #11
6697 S GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 24846449
EPA ID: N/R

LPT - VA ***(cont.)***

Last Date in Agency List :	11/16/2018
Release Reported :	01/23/1990
PC Number :	19900917
CEDS Facility ID :	200000082184
Case Status :	Closed
Case Closed Date :	10/25/1990
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	N/R
Federally Regulated UST :	Y
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	N/R
Suspect Confirm Indicator :	Confirmed
Latitude :	36.5995842169652
Longitude :	-79.8626338249221
Last Date in Agency List :	11/16/2018

Map Id: 10
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : TTA
ROUTE 220 N @ MOREHEAD AVENUE
RIDGEWAY, VA

Database(s) : [SPILLS - VA]

Envirosite ID: 21825801
EPA ID: N/R

SPILLS - VA

Facility Name :	TTA
Facility Address :	Route 220 N @ Morehead Avenue, Ridgeway, VA
County :	Henry County
Incident Date :	10/22/2014
Call Received Date :	01/14/2015
Closure Date :	01/14/2015
IR Number :	2015-W-1594
Associated IR :	N/R
Reference ID :	31405
Status :	Closed
Facility Name :	N/R

Map Id: 10
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : TTA
ROUTE 220 N @ MOREHEAD AVENUE
RIDGEWAY, VA

Database(s) : [SPILLS - VA] ***(cont.)***

Envirosite ID: 21825801
EPA ID: N/R

SPILLS - VA ***(cont.)***

Region :	West Central
Incident Type :	Petroleum
Incident Subtype :	Petroleum * Surface Spill
Threat to :	Human Health
Terrorism (Y/N) :	N
Characterize Incident :	Accidental
Materials :	Diesel (0-25 Gallons)
Effect to Receptor :	N/R
Water Body :	N/R
Low Quantity to Water :	N/R
High Quantity to Water :	25
Quantity Units :	Gallons
Other Receptors :	N/R
RP Company :	FedEx Ground
RP Name :	N/R
Property Owner :	N/R
Property Company :	VDOT
Duration of Event (Hours) :	0
Impacts :	N/R
Other Impacts :	N/R
Steps Taken :	N/R
Steps Taken Description :	N/R
System Components :	N/R
Other System Components :	N/R
Cause of Event :	N/R
Corrective Action Taken :	N/R
Weather Status :	N/R
Precipitation (Wet) :	0
Discharge Type :	N/R
Discharge Volume :	0
Unknown Discharge (Y/N) :	N
Original Call Incident Description :	MR ZECHMAN FROM THE XL GROUP CALLED ON BEHALF OF FED-EX GROUND TO REPORT A DIESEL FUEL SPILL. APPROXIMATELY 25 GALLONS SPILL DUE TO A FED-EX TRACTOR TRAILER ROLL-OVER (RUPTURED TANK). NO WATER WAYS OR DRAINS IMPACTED. W.E.L. INC. HIRED FOR CLEAN UP. VDOT HAS APPLIED SAND TO IMPACTED AREA. NO FURTHER ASSISTANCE NEEDED FROM THE STATE.
Original Call Material Description :	Diesel Fuel
Original Call Location Description :	HWY 220 N/B AT MILE MARKER 3, COLLINSVILLE, VA
Incident Ongoing at Time of Call :	N
Agencies Notified (Y/N) :	Y
Other Agencies :	VDEM, Henry County Emergency Services, VSP, VDOT
Permitted (Y/N) :	N
Call Reported by Name :	Marlin Zechman
Call Reported by Company Name :	XL Group
Call RP Company Name :	FedEx Ground
Call RP Name :	N/R
Call Property Owner Company Name :	VDOT
Call Property Owner Name :	N/R
Closure Comments :	No further PReP action.

Map Id: 10
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : TTA
ROUTE 220 N @ MOREHEAD AVENUE
RIDGEWAY, VA

Database(s) : [SPILLS - VA] ***(cont.)***

Envirosite ID: 21825801
EPA ID: N/R

SPILLS - VA ***(cont.)***

Site Summary :	MR ZECHMAN FROM THE XL GROUP CALLED ON BEHALF OF FED-EX GROUND TO REPORT A DIESEL FUEL SPILL. APPROXIMATELY 25 GALLONS SPILL DUE TO A FED-EX TRACTOR TRAILER ROLL-OVER (RUPTURED TANK). NO WATER WAYS OR DRAINS IMPACTED. W.E.L. INC. HIRED FOR CLEAN UP. VDOT HAS APPLIED SAND TO IMPACTED AREA. NO FURTHER ASSISTANCE NEEDED FROM THE STATE.
Last Date in Agency List :	12/18/2018

Map Id: B11
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : YMCA After School Program - Drewry Mason
45 Drewry Mason School Road
RIDGEWAY, VA 24148

Database(s) : [DAYCARE - VA]

Envirosite ID: 503373
EPA ID: N/R

DAYCARE - VA

Facility Name :	YMCA After School Program - Drewry Mason
Facility Address :	45 Drewry Mason School Road, RIDGEWAY, VA 24148
Expiration Date :	10/19/2020
License Type :	Two Year
Facility Type :	Child Day Center
Administrator :	Ms. Savanna Y. Gwynn
Phone :	(276) 956-8978
Business Hours :	2:00 PM - 6:00 PM, Monday - Friday
Capacity :	85
Ages :	4 years - 12 years 11 months
Inspector :	Elaine Moore: (540) 309-2310
Current Subsidy Provider :	Yes

Map Id: B12
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : DREWRY MASON ELEMENTARY SCHOOLL
45 DREWERY MASON SCHOOL RD
RIDGEWAY, VA 24148

Database(s) : [AFS]

Envirosite ID: 317852393
EPA ID: N/R

AFS

Facility Name :	DREWRY MASON ELEMENTARY SCHOOLL
Facility Address :	45 DREWERY MASON SCHOOL RD, RIDGEWAY, VA 241480000
County :	Henry

Map Id: B12
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : DREWRY MASON ELEMENTARY SCHOOLL
45 DREWERY MASON SCHOOL RD
RIDGEWAY, VA 24148

Database(s) : [AFS] ***(cont.)***

Envirosite ID: 317852393
EPA ID: N/R

AFS ***(cont.)***

Facility Summary

Program System ID :	VA0000005108900098
Facility Registry ID :	110007344855
EPA Region :	EPA Region 3 - DE, DC, MD, PA, VA, WV
SIC Codes :	8211
NAICS Code :	611110
NAICS Code Description :	N/R
Facility Type :	County Government
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions
Air Operating Status Code :	OPR
Air Operating Status Description :	Operating
Current High Priority Violation (HPV) Code:	No Viol
Current High Priority Violation (HPV) Description:	No Viol
Local Control Region Code :	N/R
Local Control Region Name :	N/R

Air Pollutant Details

Program System ID :	VA0000005108900098
Pollutant Code :	10461
Pollutant Description :	Sulfur dioxide
SRS ID :	150367
Chemical Abstract Service Number :	7446095
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900098
Pollutant Code :	300000319
Pollutant Description :	PARTICULATE MATTER < 10 UM
SRS ID :	1647619
Chemical Abstract Service Number :	N/R
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900098
Pollutant Code :	300000322
Pollutant Description :	TOTAL PARTICULATE MATTER
SRS ID :	1647643
Chemical Abstract Service Number :	N/R
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Air Violation History Details

HPV Day Zero Date :	N/R
HPV Resolved Date :	N/R
Program System ID :	N/R
Activity ID :	N/R
Agency Type :	N/R
State Code :	N/R

Map Id: B12
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : DREWRY MASON ELEMENTARY SCHOOLL
45 DREWERY MASON SCHOOL RD
RIDGEWAY, VA 24148

Database(s) : [AFS] ***(cont.)***

Envirosite ID: 317852393
EPA ID: N/R

AFS ***(cont.)***

Air LCON Code :	N/R
Comp Determination UID :	N/R
ENF Response Policy Codes :	N/R
ENF Response Policy Description :	N/R
Program Codes :	N/R
Program Description :	N/R
Pollutant Codes :	N/R
Pollutant Description :	N/R
Earliest FRV Determ Date :	N/R

Map Id: C13
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : Royal Pantry
5781 Greensboro Rd
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA]

Envirosite ID: 7358510
EPA ID: N/R

LPT - VA

Facility Name :	Royal Pantry
Facility Address :	5781 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County
Release Reported :	03/03/2004
PC Number :	20042064
CEDS Facility ID :	200000089154
Case Status :	Closed
Case Closed Date :	10/05/2004
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	N/R
Federally Regulated UST :	Y
Regulated Petroleum UST (1) :	Y
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6146061083052
Longitude :	-79.8602753556359
Last Date in Agency List :	11/16/2018

Map Id: C13
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : Royal Pantry
5781 Greensboro Rd
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7358510
EPA ID: N/R

UST - VA

Facility Name :	Royal Pantry
Facility Address :	5781 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2017616
Facility Type :	GAS STATION
CEDS Facility ID :	200000089154
Region Code :	BRROR

Tank Information

Install Date :	04/28/2008
Date Closed :	N/R
Tank Number :	1A
Tank Status :	CURR IN USE
Tank Owner ID :	44928
Tank Type :	UST
Capacity :	15000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1A
Tank Owner ID :	44928
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	Y
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	Y
Tank Material Other Notes :	Perma Tanks
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	04/28/2008
Date Closed :	N/R
Tank Number :	1B
Tank Status :	CURR IN USE
Tank Owner ID :	44928
Tank Type :	UST

Map Id: C13
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : Royal Pantry
5781 Greensboro Rd
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7358510
EPA ID: N/R

UST - VA ***(cont.)***

Capacity :	5000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1B
Tank Owner ID :	44928
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	Y
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	Perma Tanks
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/06/1976
Date Closed :	05/23/2007
Tank Number :	R1
Tank Status :	REM FROM GRD
Tank Owner ID :	31376
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R1
Tank Owner ID :	31376
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N

Map Id: C13
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : Royal Pantry
5781 Greensboro Rd
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7358510
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/06/1976
Date Closed :	05/23/2007
Tank Number :	R3
Tank Status :	REM FROM GRD
Tank Owner ID :	31376
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R3
Tank Owner ID :	31376
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/06/1976
Date Closed :	05/25/2004
Tank Number :	G2
Tank Status :	CLS IN GRD
Tank Owner ID :	31376
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Map Id: C13
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : Royal Pantry
5781 Greensboro Rd
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7358510
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	G2
Tank Owner ID :	31376
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: C14
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : PEOPLES SAVE STATION 9
5780 GREENSBORO RD
RIDGEWAY, VA 24112

Database(s) : [AST - VA, UST - VA]

Envirosite ID: 13224307
EPA ID: N/R

AST - VA

Facility Name :	Peoples Save Station 9
Facility Address :	5780 Greensboro Rd, Ridgeway, VA 24112
County :	Henry County

Site Details

Facility ID :	2004196
Facility Type :	GAS STATION
CEDS Facility ID :	200000089086
Region Code :	BRROR
Last Date in Agency List :	12/17/2018

Tank Information

Install Date :	11/30/2011
Date Closed :	N/R
Tank Number :	1port
Tank Status :	CURR IN USE
Tank Owner ID :	45602
Tank Type :	AST
Capacity :	1000

Map Id: C14
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : PEOPLES SAVE STATION 9
5780 GREENSBORO RD
RIDGEWAY, VA 24112

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 13224307
EPA ID: N/R

AST - VA ***(cont.)***

Federally Regulated Tank :	N
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1port
Tank Owner ID :	45602
Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	Shop Fab
Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	Y
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N
Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

UST - VA

Facility Name :	Peoples Save Station 9
Facility Address :	5780 Greensboro Rd, Ridgeway, VA 24112
County :	Henry County

Site Details

Facility ID :	2004196
Facility Type :	GAS STATION
CEDS Facility ID :	200000089086
Region Code :	BRROR

Tank Information

Install Date :	02/15/1996
Date Closed :	N/R
Tank Number :	5
Tank Status :	CURR IN USE
Tank Owner ID :	46022
Tank Type :	UST
Capacity :	8000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Map Id: C14
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : PEOPLES SAVE STATION 9
5780 GREENSBORO RD
RIDGEWAY, VA 24112

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 13224307
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	5
Tank Owner ID :	46022
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	04/16/1984
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	46022
Tank Type :	UST
Capacity :	8000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	46022
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	Y
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	impressed current system
Tank Materials Epoxy Steel :	N/R

Map Id: C14
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : PEOPLES SAVE STATION 9
5780 GREENSBORO RD
RIDGEWAY, VA 24112

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 13224307
EPA ID: N/R

UST - VA ***(cont.)***

Tank Information

Install Date :	04/16/1984
Date Closed :	N/R
Tank Number :	2
Tank Status :	CURR IN USE
Tank Owner ID :	46022
Tank Type :	UST
Capacity :	4000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	46022
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	Y
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	impressed current system
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	04/17/1983
Date Closed :	N/R
Tank Number :	4
Tank Status :	CURR IN USE
Tank Owner ID :	46022
Tank Type :	UST
Capacity :	4000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	4
Tank Owner ID :	46022
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N

Map Id: C14
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : PEOPLES SAVE STATION 9
5780 GREENSBORO RD
RIDGEWAY, VA 24112

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 13224307
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	impressed current system
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	04/16/1981
Date Closed :	N/R
Tank Number :	3
Tank Status :	CURR IN USE
Tank Owner ID :	46022
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	46022
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	Y
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	impressed current system
Tank Materials Epoxy Steel :	N/R

Map Id: D15
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : RIDGEMART
10079 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 331415602
EPA ID: N/R

UST - VA

Facility Name :	Ridgemart
Facility Address :	10079 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2023161
Facility Type :	GAS STATION
CEDS Facility ID :	200000089112
Region Code :	BRROR

Tank Information

Install Date :	03/01/2007
Date Closed :	N/R
Tank Number :	5
Tank Status :	TEMP OUT OF USE
Tank Owner ID :	48321
Tank Type :	UST
Capacity :	2000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	5
Tank Owner ID :	48321
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	01/22/1990
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	48321
Tank Type :	UST

Map Id: D15
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : RIDGEMART
10079 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 331415602
EPA ID: N/R

UST - VA ***(cont.)***

Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	48321
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	01/22/1990
Date Closed :	N/R
Tank Number :	2
Tank Status :	CURR IN USE
Tank Owner ID :	48321
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	48321
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N

Map Id: D15
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : RIDGEMART
10079 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 331415602
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	01/22/1990
Date Closed :	N/R
Tank Number :	3
Tank Status :	CURR IN USE
Tank Owner ID :	48321
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	48321
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	01/22/1990
Date Closed :	N/R
Tank Number :	4
Tank Status :	CURR IN USE
Tank Owner ID :	48321
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Map Id: D15
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : RIDGEMART
10079 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 331415602
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	4
Tank Owner ID :	48321
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: D16
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : GREENSBORO STOP AND SHOP
10079 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 406944410
EPA ID: N/R

UST - VA

Facility Name :	Greensboro Stop and Shop
Facility Address :	10079 Greensboro Rd, Ridgeway, 24148
County :	Henry County

Site Details

Facility ID :	2023161
Facility Type :	GAS STATION
CEDS Facility ID :	200000089112
Region Code :	BRRO-R

Tank Information

Install Date :	03/01/2007
Date Closed :	N/R
Tank Number :	5
Tank Status :	TEMP OUT OF USE
Tank Owner ID :	48321
Tank Type :	UST
Capacity :	2000
Federally Regulated Tank :	N

Map Id: D16
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : GREENSBORO STOP AND SHOP
10079 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 406944410
EPA ID: N/R

UST - VA ***(cont.)***

Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	5
Tank Owner ID :	48321
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	01/22/1990
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	48321
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	48321
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N

Map Id: D16
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : GREENSBORO STOP AND SHOP
10079 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 406944410
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	01/22/1990
Date Closed :	N/R
Tank Number :	2
Tank Status :	CURR IN USE
Tank Owner ID :	48321
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	48321
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	01/22/1990
Date Closed :	N/R
Tank Number :	3
Tank Status :	CURR IN USE
Tank Owner ID :	48321
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Map Id: D16
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : GREENSBORO STOP AND SHOP
10079 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 406944410
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	3
Tank Owner ID :	48321
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	01/22/1990
Date Closed :	N/R
Tank Number :	4
Tank Status :	CURR IN USE
Tank Owner ID :	48321
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	4
Tank Owner ID :	48321
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: D17
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : ROHAN CONSTRUCTION INC
10151 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 14437916
EPA ID: N/R

UST - VA

Facility Name :	ROHAN CONSTRUCTION INC
Facility Address :	10151 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2001514
Facility Type :	CONTRACTOR
CEDS Facility ID :	200000089148
Region Code :	BRROR

Tank Information

Install Date :	03/24/1976
Date Closed :	05/01/1975
Tank Number :	1
Tank Status :	CLS IN GRD
Tank Owner ID :	33836
Tank Type :	UST
Capacity :	N/R
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	33836
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	03/24/1976
Date Closed :	05/01/1975
Tank Number :	2
Tank Status :	CLS IN GRD
Tank Owner ID :	33836
Tank Type :	UST

Map Id: D17
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : ROHAN CONSTRUCTION INC
10151 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14437916
EPA ID: N/R

UST - VA ***(cont.)***

Capacity :	N/R
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	33836
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	03/24/1976
Date Closed :	05/01/1975
Tank Number :	3
Tank Status :	CLS IN GRD
Tank Owner ID :	33836
Tank Type :	UST
Capacity :	N/R
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	33836
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N

Map Id: D17
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : ROHAN CONSTRUCTION INC
10151 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14437916
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	03/24/1976
Date Closed :	05/01/1975
Tank Number :	4
Tank Status :	CLS IN GRD
Tank Owner ID :	33836
Tank Type :	UST
Capacity :	N/R
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	4
Tank Owner ID :	33836
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: 18
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : STONES MARKET
Route 4 Box 499
Martinsville, VA 24112

Database(s) : [LPT - VA, UST - VA]

Envirosite ID: 546268
EPA ID: N/R

LPT - VA

Facility Name :	STONES MARKET

Map Id: 18
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : STONES MARKET
Route 4 Box 499
Martinsville, VA 24112

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 546268
EPA ID: N/R

LPT - VA ***(cont.)***

Facility Address :	Route 4 Box 499, Martinsville, VA 24112
County :	Martinsville City
Release Reported :	08/09/1990
PC Number :	19910950
CEDS Facility ID :	200000089204
Case Status :	Closed
Case Closed Date :	05/16/1994
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	N/R
Federally Regulated UST :	Y
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	N/R
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6292456418193
Longitude :	-79.8812453419641
Last Date in Agency List :	11/16/2018

UST - VA

Facility Name :	STONES MARKET
Facility Address :	Route 4 Box 499, Martinsville, VA 24112
County :	Martinsville City

Site Details

Facility ID :	2026176
Facility Type :	GAS STATION
CEDS Facility ID :	200000089204
Region Code :	BRROR

Tank Information

Install Date :	N/R
Date Closed :	08/01/1991
Tank Number :	1
Tank Status :	REM FROM GRD
Tank Owner ID :	35950
Tank Type :	UST
Capacity :	2000
Federally Regulated Tank :	Y
Contents :	GASOLINE

Map Id: 18
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : STONES MARKET
Route 4 Box 499
Martinsville, VA 24112

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 546268
EPA ID: N/R

UST - VA ***(cont.)***

Other Contents : N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	35950
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	N/R
Date Closed :	08/01/1991
Tank Number :	2
Tank Status :	REM FROM GRD
Tank Owner ID :	35950
Tank Type :	UST
Capacity :	1000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	35950
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N

Map Id: 18
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : STONES MARKET
Route 4 Box 499
Martinsville, VA 24112

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 546268
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	N/R
Date Closed :	08/01/1991
Tank Number :	3
Tank Status :	REM FROM GRD
Tank Owner ID :	35950
Tank Type :	UST
Capacity :	1000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	35950
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: 19
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : DISCOLORED STREAM
184 CAROLINA WAY, RIDGEWAY
RIDGEWAY, VA

Database(s) : [SPILLS - VA]

Envirosite ID: 327050865
EPA ID: N/R

SPILLS - VA

Facility Name :	Discolored stream
Facility Address :	184 Carolina Way, Ridgeway, Ridgeway, VA
County :	Henry County

Map Id: 19
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : DISCOLORED STREAM
184 CAROLINA WAY, RIDGEWAY
RIDGEWAY, VA

Database(s) : [SPILLS - VA] ***(cont.)***

Envirosite ID: 327050865
EPA ID: N/R

SPILLS - VA ***(cont.)***

Incident Date :	04/19/2010
Call Received Date :	04/20/2010
Closure Date :	02/10/2011
IR Number :	2010-W-2930
Associated IR :	N/R
Reference ID :	3766
Status :	Closed
Facility Name :	N/R
Region :	West Central
Incident Type :	Water
Incident Subtype :	Water
Threat to :	N/R
Terrorism (Y/N) :	N
Characterize Incident :	Unknown
Materials :	N/R
Effect to Receptor :	N/R
Water Body :	UT Matrimony Creek
Low Quantity to Water :	N/R
High Quantity to Water :	N/R
Quantity Units :	N/R
Other Receptors :	N/R
RP Company :	N/R
RP Name :	N/R
Property Owner :	N/R
Property Company :	N/R
Duration of Event (Hours) :	0
Impacts :	N/R
Other Impacts :	N/R
Steps Taken :	N/R
Steps Taken Description :	N/R
System Components :	N/R
Other System Components :	N/R
Cause of Event :	N/R
Corrective Action Taken :	N/R
Weather Status :	N/A
Precipitation (Wet) :	0
Discharge Type :	N/A
Discharge Volume :	0
Unknown Discharge (Y/N) :	N
Original Call Incident Description :	Discolored stream
Original Call Material Description :	N/R
Original Call Location Description :	184 Carolina Way, Ridgeway
Incident Ongoing at Time of Call :	N/R
Agencies Notified (Y/N) :	N/R
Other Agencies :	N/R
Permitted (Y/N) :	N
Call Reported by Name :	Ken Lackey
Call Reported by Company Name :	N/R
Call RP Company Name :	unknown
Call RP Name :	N/R
Call Property Owner Company Name :	N/R
Call Property Owner Name :	N/R
Closure Comments :	no discoloration in stream
Site Summary :	N/R
Last Date in Agency List :	12/18/2018

Map Id: 20
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : A C S CHEVRON
11689 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 14437933
EPA ID: N/R

UST - VA

Facility Name :	A C S Chevron
Facility Address :	11689 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2001893
Facility Type :	GAS STATION
CEDS Facility ID :	200000090439
Region Code :	BRROR

Tank Information

Install Date :	04/04/1976
Date Closed :	09/01/1982
Tank Number :	4
Tank Status :	CLS IN GRD
Tank Owner ID :	35235
Tank Type :	UST
Capacity :	2000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	4
Tank Owner ID :	35235
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	04/05/1971
Date Closed :	09/01/1982
Tank Number :	1
Tank Status :	CLS IN GRD
Tank Owner ID :	35235
Tank Type :	UST

Map Id: 20
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : A C S CHEVRON
11689 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14437933
EPA ID: N/R

UST - VA ***(cont.)***

Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	35235
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	04/05/1971
Date Closed :	09/01/1982
Tank Number :	2
Tank Status :	CLS IN GRD
Tank Owner ID :	35235
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	35235
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N

Map Id: 20
Direction:
Distance:
Actual: Not Available
Elevation:
Relative:

Site Name : A C S CHEVRON
11689 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14437933
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	04/05/1971
Date Closed :	09/01/1982
Tank Number :	3
Tank Status :	CLS IN GRD
Tank Owner ID :	35235
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	35235
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: B21
Direction: NE
Distance: 0.009 mi.
Actual: 46.317 ft.
Elevation: 0.15 mi. / 791.076 ft.
Relative: Higher

Site Name : DREWRY MASON ELEMENTARY SCHOOLL
RT 3
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS]

Envirosite ID: 344167321
EPA ID: N/R

ECHO

Facility Name :	DREWRY MASON ELEMENTARY SCHOOLL

Map Id: B21
Direction: NE
Distance: 0.009 mi.
Actual: 46.317 ft.
Elevation: 0.15 mi. / 791.076 ft.
Relative: Higher

Site Name : DREWRY MASON ELEMENTARY SCHOOLL
RT 3
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS] ***(cont.)***

Envirosite ID: 344167321
EPA ID: N/R

ECHO ***(cont.)***

Facility Address :	RT 3, RIDGEWAY, VA 24148
County :	HENRY

Site Details

Last Inspection Date :	02/12/1996
Registry ID :	110007344855
FIPS Code :	51089
EPA Region :	03
Inspection Count :	0
Last Inspection Days :	8273
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	Not Available
Three-Year Compliance Status :	_____
Collection Method :	N/R
Reference Point :	N/R
Accuracy Meters :	17465
Derived Tribes :	N/R
Derived HUC :	03010103
Derived WBD :	030101030802
Derived STCTY FIPS :	51089
Derived Zip :	24148
Derived CD113 :	09
Derived CB2010 :	510890106022013
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	8211
Facility NAICS Codes :	611110

Map Id: B21
Direction: NE
Distance: 0.009 mi.
Actual: 46.317 ft.
Elevation: 0.15 mi. / 791.076 ft.
Relative: Higher

Site Name : DREWRY MASON ELEMENTARY SCHOOLL
RT 3
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS] ***(cont.)***

Envirosite ID: 344167321
EPA ID: N/R

ECHO ***(cont.)***

Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	02/12/1996
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	Y
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	36.605
Longitude :	-79.861
Last Date in Agency List :	10/08/2018

FRS

Facility Name :	DREWRY MASON ELEMENTARY SCHOOLL
Facility Address :	RT 3, RIDGEWAY, VA 241480000
County :	HENRY
Registry ID :	110007344855
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

AFS contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

Source Description :

AIR contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

Map Id: B21
Direction: NE
Distance: 0.009 mi.
Actual: 46.317 ft.
Elevation: 0.15 mi. / 791.076 ft.
Relative: Higher

Site Name : DREWRY MASON ELEMENTARY SCHOOLL
RT 3
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS] ***(cont.)***

Envirosite ID: 344167321
EPA ID: N/R

FRS ***(cont.)***

Source Description :

The CEDS is the Virginia Department of Environmental Quality's (DEQ) electronic data system for maintaining data on sources of pollutants in all media.

FRS Environmental Interest

Source and System ID :	AIRS/AFS - 5108900098
	CEDS - 200000082560
	ICIS - VA0000005108900098

Map Id: B22
Direction: NE
Distance: 0.015 mi.
Actual: 77.071 ft.
Elevation: 0.148 mi. / 781.378 ft.
Relative: Higher

Site Name : BOBS ENTERPRISES
Rte 902 and 220
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA]

Envirosite ID: 7365982
EPA ID: N/R

LPT - VA

Facility Name :	BOBS ENTERPRISES
Facility Address :	Rte 902 and 220, Ridgeway, VA 24148
County :	Henry County
Release Reported :	10/13/1987
PC Number :	19880340
CEDS Facility ID :	200000088691
Case Status :	Closed
Case Closed Date :	08/21/1990
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	N/R
Federally Regulated UST :	Y
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	2
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6029601821564
Longitude :	-79.8610858641942
Last Date in Agency List :	11/16/2018

Map Id: B22
Direction: NE
Distance: 0.015 mi.
Actual: 77.071 ft.
Elevation: 0.148 mi. / 781.378 ft.
Relative: Higher

Site Name : BOBS ENTERPRISES
Rte 902 and 220
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7365982
EPA ID: N/R

UST - VA

Facility Name :	BOBS ENTERPRISES
Facility Address :	Rte 902 and 220, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2026635
Facility Type :	GAS STATION
CEDS Facility ID :	200000088691
Region Code :	BRROR

Tank Information

Install Date :	N/R
Date Closed :	N/R
Tank Number :	1
Tank Status :	PERM OUT OF USE
Tank Owner ID :	32290
Tank Type :	UST
Capacity :	N/R
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	32290
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	Y
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: E23
Direction: NNE
Distance: 0.021 mi.
Actual: 109.568 ft.
Elevation: 0.149 mi. / 788.379 ft.
Relative: Higher

Site Name : TRACTOR SUPPLY #1788
4920 GREENSBORO ROAD
MARTINSVILLE, VA 24148

Database(s) : [ECHO, FRS]

Envirosite ID: 29459801
EPA ID: N/R

ECHO

Facility Name :	TRACTOR SUPPLY #1788
Facility Address :	4920 GREENSBORO ROAD, MARTINSVILLE, VA 24148
County :	HENRY

Site Details

Last Inspection Date :	07/19/2017
Registry ID :	110060291394
FIPS Code :	51089
EPA Region :	03
Inspection Count :	1
Last Inspection Days :	158
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	0
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters :	50
Derived Tribes :	N/R
Derived HUC :	03010103
Derived WBD :	030101030802
Derived STCTY FIPS :	51089
Derived Zip :	24148
Derived CD113 :	09
Derived CB2010 :	510890106012026
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R

Map Id: E23
Direction: NNE
Distance: 0.021 mi.
Actual: 109.568 ft.
Elevation: 0.149 mi. / 788.379 ft.
Relative: Higher

Site Name : TRACTOR SUPPLY #1788
4920 GREENSBORO ROAD
MARTINSVILLE, VA 24148

Database(s) : [ECHO, FRS] ***(cont.)***

Envirosite ID: 29459801
EPA ID: N/R

ECHO ***(cont.)***

Facility NAICS Codes :	453998
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	07/19/2017
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	36.626906
Longitude :	-79.85973
Last Date in Agency List :	01/01/2018

Last Inspection Date :	07/19/2017
Registry ID :	110060291394
FIPS Code :	51089
EPA Region :	03
Inspection Count :	1
Last Inspection Days :	158
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	0
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters :	50
Derived Tribes :	N/R
Derived HUC :	03010103
Derived WBD :	030101030802
Derived STCTY FIPS :	51089
Derived Zip :	24148
Derived CD113 :	09
Derived CB2010 :	510890106012026

Map Id: E23
Direction: NNE
Distance: 0.021 mi.
Actual: 109.568 ft.
Elevation: 0.149 mi. / 788.379 ft.
Relative: Higher

Site Name : TRACTOR SUPPLY #1788
4920 GREENSBORO ROAD
MARTINSVILLE, VA 24148

Database(s) : [ECHO, FRS] ***(cont.)***

Envirosite ID: 29459801
EPA ID: N/R

ECHO ***(cont.)***

MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	453998
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	07/19/2017
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	36.626906
Longitude :	-79.85973
Last Date in Agency List :	03/12/2018

FRS

Facility Name :	TRACTOR SUPPLY #1788
Facility Address :	4920 GREENSBORO ROAD, MARTINSVILLE, VA 24148
County :	HENRY

Map Id: E23
Direction: NNE
Distance: 0.021 mi.
Actual: 109.568 ft.
Elevation: 0.149 mi. / 788.379 ft.
Relative: Higher

Site Name : TRACTOR SUPPLY #1788
4920 GREENSBORO ROAD
MARTINSVILLE, VA 24148

Database(s) : [ECHO, FRS] ***(cont.)***

Envirosite ID: 29459801
EPA ID: N/R

FRS ***(cont.)***

Registry ID :	110060291394
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	02/15/2018

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID :	RCRAINFO - VAR000529024

Map Id: 24
Direction: NE
Distance: 0.036 mi.
Actual: 189.920 ft.
Elevation: 0.145 mi. / 763.156 ft.
Relative: Higher

Site Name : MANHOLE OVERFLOW
591 KEN LANE-RIDGEWAY
RIDGEWAY, VA

Database(s) : [SPILLS - VA]

Envirosite ID: 21825891
EPA ID: N/R

SPILLS - VA

Facility Name :	Manhole overflow
Facility Address :	591 Ken Lane-Ridgeway, Ridgeway, VA
County :	Henry County
Incident Date :	06/06/2011
Call Received Date :	07/25/2011
Closure Date :	07/25/2011
IR Number :	2012-W-0210
Associated IR :	N/R
Reference ID :	10529
Status :	Closed
Facility Name :	N/R
Region :	West Central
Incident Type :	Water
Incident Subtype :	Overflow
Threat to :	Human Health
Terrorism (Y/N) :	N
Characterize Incident :	Accidental
Materials :	N/R
Effect to Receptor :	N/R
Water Body :	Unnamed trib. to Marrowbone Creek

Map Id: 24
Direction: NE
Distance: 0.036 mi.
Actual: 189.920 ft.
Elevation: 0.145 mi. / 763.156 ft.
Relative: Higher

Site Name : MANHOLE OVERFLOW
591 KEN LANE-RIDGEWAY
RIDGEWAY, VA

Database(s) : [SPILLS - VA] ***(cont.)***

Envirosite ID: 21825891
EPA ID: N/R

SPILLS - VA ***(cont.)***

Low Quantity to Water :	N/R
High Quantity to Water :	N/R
Quantity Units :	Gallons
Other Receptors :	N/R
RP Company :	HCPSA - Henry County Public Service Authority
RP Name :	N/R
Property Owner :	N/R
Property Company :	N/R
Duration of Event (Hours) :	1
Impacts :	SSO Reached Receiving Waters
Other Impacts :	N/R
Steps Taken :	N/R
Steps Taken Description :	N/R
System Components :	Manhole
Other System Components :	N/R
Cause of Event :	Blockage
Corrective Action Taken :	N/R
Weather Status :	Dry
Precipitation (Wet) :	0
Discharge Type :	Untreated
Discharge Volume :	500
Unknown Discharge (Y/N) :	N
Original Call Incident Description :	Manhole overflow
Original Call Material Description :	N/R
Original Call Location Description :	591 Ken Lane Ridgeway
Incident Ongoing at Time of Call :	N
Agencies Notified (Y/N) :	N
Other Agencies :	N/A
Permitted (Y/N) :	N
Call Reported by Name :	Debbie Manson
Call Reported by Company Name :	Henry County P.S.A.
Call RP Company Name :	Henry County P.S.A.
Call RP Name :	N/R
Call Property Owner Company Name :	N/R
Call Property Owner Name :	N/R
Closure Comments :	N/R
Site Summary :	N/R
Last Date in Agency List :	12/18/2018

Map Id: F25
Direction: NNE
Distance: 0.043 mi.
Actual: 228.816 ft.
Elevation: 0.155 mi. / 819.022 ft.
Relative: Higher

Site Name : DISTRIBUTION CENTER
1501 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA]

Envirosite ID: 14439734
EPA ID: N/R

UST - VA

Facility Name :	DISTRIBUTION CENTER
Facility Address :	1501 Joseph Martin Hwy, Martinsville, VA 24115
County :	Martinsville City

Map Id: F25
Direction: NNE
Distance: 0.043 mi.
Actual: 228.816 ft.
Elevation: 0.155 mi. / 819.022 ft.
Relative: Higher

Site Name : DISTRIBUTION CENTER
1501 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14439734
EPA ID: N/R

UST - VA ***(cont.)***

Site Details

Facility ID :	2023267
Facility Type :	COMMERCIAL
CEDS Facility ID :	200000088779
Region Code :	BRROR

Tank Information

Install Date :	10/25/1985
Date Closed :	N/R
Tank Number :	3
Tank Status :	PERM OUT OF USE
Tank Owner ID :	37766
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	N
Contents :	HEATING OIL
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	10/25/1985
Date Closed :	N/R
Tank Number :	4
Tank Status :	PERM OUT OF USE
Tank Owner ID :	37766
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	N
Contents :	HEATING OIL
Other Contents :	N/R

Map Id: F25
Direction: NNE
Distance: 0.043 mi.
Actual: 228.816 ft.
Elevation: 0.155 mi. / 819.022 ft.
Relative: Higher

Site Name : DISTRIBUTION CENTER
1501 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14439734
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	4
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	10/25/1984
Date Closed :	N/R
Tank Number :	1
Tank Status :	PERM OUT OF USE
Tank Owner ID :	37766
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	N
Contents :	HEATING OIL
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: F25
Direction: NNE
Distance: 0.043 mi.
Actual: 228.816 ft.
Elevation: 0.155 mi. / 819.022 ft.
Relative: Higher

Site Name : DISTRIBUTION CENTER
1501 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14439734
EPA ID: N/R

UST - VA ***(cont.)***

Tank Information

Install Date :	10/25/1984
Date Closed :	N/R
Tank Number :	2
Tank Status :	PERM OUT OF USE
Tank Owner ID :	37766
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	N
Contents :	HEATING OIL
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: F26
Direction: NNE
Distance: 0.043 mi.
Actual: 228.816 ft.
Elevation: 0.155 mi. / 819.022 ft.
Relative: Higher

Site Name : BASSETT-WALKER INC
1501 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24115

Database(s) : [LPT - VA]

Envirosite ID: 331420165
EPA ID: N/R

LPT - VA

Facility Name :	BASSETT-WALKER INC
Facility Address :	1501 Joseph Martin Hwy, Martinsville, VA 24115
County :	Martinsville City
Release Reported :	07/26/1996
PC Number :	19971010
CEDS Facility ID :	200000088779
Case Status :	Closed

Map Id: F26
Direction: NNE
Distance: 0.043 mi.
Actual: 228.816 ft.
Elevation: 0.155 mi. / 819.022 ft.
Relative: Higher

Site Name : BASSETT-WALKER INC
1501 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24115

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 331420165
EPA ID: N/R

LPT - VA ***(cont.)***

Case Closed Date :	06/02/1997
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	N/R
Federally Regulated UST :	Y
Regulated Petroleum UST (1) :	Y
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	2
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6516591327496
Longitude :	-79.8681024548598
Last Date in Agency List :	11/16/2018

Map Id: F27
Direction: NNE
Distance: 0.043 mi.
Actual: 228.816 ft.
Elevation: 0.155 mi. / 819.022 ft.
Relative: Higher

Site Name : BASSETT-WALKER, INC
1501 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA]

Envirosite ID: 363858961
EPA ID: N/R

UST - VA

Facility Name :	BASSETT-WALKER, INC
Facility Address :	1501 Joseph Martin Hwy, Martinsville, VA 24115
County :	Martinsville City

Site Details

Facility ID :	2000342
Facility Type :	COMMERCIAL
CEDS Facility ID :	200000088779
Region Code :	BRROR

Tank Information

Install Date :	02/19/1976
Date Closed :	06/17/1996
Tank Number :	R1
Tank Status :	REM FROM GRD
Tank Owner ID :	37766

Map Id: F27
Direction: NNE
Distance: 0.043 mi.
Actual: 228.816 ft.
Elevation: 0.155 mi. / 819.022 ft.
Relative: Higher

Site Name : BASSETT-WALKER, INC
1501 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 363858961
EPA ID: N/R

UST - VA ***(cont.)***

Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R1
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	02/19/1976
Date Closed :	06/17/1996
Tank Number :	R2
Tank Status :	REM FROM GRD
Tank Owner ID :	37766
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	R2
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N

Map Id: F27
Direction: NNE
Distance: 0.043 mi.
Actual: 228.816 ft.
Elevation: 0.155 mi. / 819.022 ft.
Relative: Higher

Site Name : BASSETT-WALKER, INC
1501 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 363858961
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	02/19/1968
Date Closed :	06/15/1995
Tank Number :	G3
Tank Status :	CLS IN GRD
Tank Owner ID :	37766
Tank Type :	UST
Capacity :	30000
Federally Regulated Tank :	Y
Contents :	HEATING OIL
Other Contents :	N/R

Tank Material Information

Tank Number :	G3
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	02/19/1968
Date Closed :	06/15/1995
Tank Number :	G4
Tank Status :	CLS IN GRD
Tank Owner ID :	37766
Tank Type :	UST
Capacity :	30000
Federally Regulated Tank :	Y
Contents :	HEATING OIL
Other Contents :	N/R

Map Id: F27
Direction: NNE
Distance: 0.043 mi.
Actual: 228.816 ft.
Elevation: 0.155 mi. / 819.022 ft.
Relative: Higher

Site Name : BASSETT-WALKER, INC
1501 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 363858961
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	G4
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: G28
Direction: NE
Distance: 0.044 mi.
Actual: 231.460 ft.
Elevation: 0.17 mi. / 898.196 ft.
Relative: Higher

Site Name : B.W. BROOKS & SONS; INC
1142 MICA ROAD - RTE 902
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 31105150
EPA ID: N/R

UST - VA

Facility Name :	B.W. BROOKS & SONS; INC
Facility Address :	1142 Mica Road - Rte 902, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2016119
Facility Type :	CONTRACTOR
CEDS Facility ID :	200000088650
Region Code :	BRROR

Tank Information

Install Date :	05/03/1971
Date Closed :	08/12/1997
Tank Number :	R1
Tank Status :	REM FROM GRD
Tank Owner ID :	36913
Tank Type :	UST
Capacity :	1000
Federally Regulated Tank :	Y

Map Id: G28
Direction: NE
Distance: 0.044 mi.
Actual: 231.460 ft.
Elevation: 0.17 mi. / 898.196 ft.
Relative: Higher

Site Name : B.W. BROOKS & SONS; INC
1142 MICA ROAD - RTE 902
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 31105150
EPA ID: N/R

UST - VA ***(cont.)***

Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R1
Tank Owner ID :	36913
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/03/1971
Date Closed :	08/12/1997
Tank Number :	R2
Tank Status :	REM FROM GRD
Tank Owner ID :	36913
Tank Type :	UST
Capacity :	500
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	R2
Tank Owner ID :	36913
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N

Map Id: G28
Direction: NE
Distance: 0.044 mi.
Actual: 231.460 ft.
Elevation: 0.17 mi. / 898.196 ft.
Relative: Higher

Site Name : B.W. BROOKS & SONS; INC
1142 MICA ROAD - RTE 902
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 31105150
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: C29
Direction: NE
Distance: 0.049 mi.
Actual: 256.320 ft.
Elevation: 0.145 mi. / 766.867 ft.
Relative: Higher

Site Name : GRAY CLARA RESIDENCE
31 WINDOVER ST
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24833246
EPA ID: N/R

LPT - VA

Facility Name :	Gray Clara Residence
Facility Address :	31 Windover St, Ridgeway, VA 24148
County :	Henry County
Release Reported :	05/29/2013
PC Number :	20132390
CEDS Facility ID :	200000859677
Case Status :	Closed
Case Closed Date :	09/11/2013
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6164786379436
Longitude :	-79.8592145036758
Last Date in Agency List :	11/16/2018

Map Id: G30
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY CLOCK COMPANY
1131 MICA RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA]

Envirosite ID: 13224348
EPA ID: N/R

AST - VA

Facility Name :	Ridgeway Clock Company
Facility Address :	1131 Mica Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2003509
Facility Type :	INDUSTRIAL
CEDS Facility ID :	200000082315
Region Code :	BRROR
Last Date in Agency List :	12/17/2018

Tank Information

Install Date :	01/01/1966
Date Closed :	N/R
Tank Number :	4
Tank Status :	CURR IN USE
Tank Owner ID :	43134
Tank Type :	AST
Capacity :	3000
Federally Regulated Tank :	N
Contents :	OTHER
Other Contents :	lacquer thinner

Tank Material Information

Tank Number :	4
Tank Owner ID :	43134
Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	N
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N
Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

Map Id: G30
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY CLOCK COMPANY
1131 MICA RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 13224348
EPA ID: N/R

AST - VA ***(cont.)***

Tank Information

Install Date :	01/01/1966
Date Closed :	N/R
Tank Number :	5
Tank Status :	CURR IN USE
Tank Owner ID :	43134
Tank Type :	AST
Capacity :	3000
Federally Regulated Tank :	N
Contents :	OTHER
Other Contents :	sheer lacquer

Tank Material Information

Tank Number :	5
Tank Owner ID :	43134
Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	N
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N
Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

Tank Information

Install Date :	01/01/1966
Date Closed :	N/R
Tank Number :	6
Tank Status :	CURR IN USE
Tank Owner ID :	43134
Tank Type :	AST
Capacity :	3000
Federally Regulated Tank :	N
Contents :	OTHER
Other Contents :	lacquer

Tank Material Information

Tank Number :	6
Tank Owner ID :	43134

Map Id: G30
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY CLOCK COMPANY
1131 MICA RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 13224348
EPA ID: N/R

AST - VA ***(cont.)***

Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	N
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N
Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

Tank Information

Install Date :	01/01/1966
Date Closed :	N/R
Tank Number :	7
Tank Status :	CURR IN USE
Tank Owner ID :	43134
Tank Type :	AST
Capacity :	3000
Federally Regulated Tank :	N
Contents :	OTHER
Other Contents :	sealer

Tank Material Information

Tank Number :	7
Tank Owner ID :	43134
Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	N
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N

Map Id: G30
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY CLOCK COMPANY
1131 MICA RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 13224348
EPA ID: N/R

AST - VA ***(cont.)***

Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

UST - VA

Facility Name :	Ridgeway Clock Company
Facility Address :	1131 Mica Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2003509
Facility Type :	INDUSTRIAL
CEDS Facility ID :	200000082315
Region Code :	BRROR

Tank Information

Install Date :	02/27/1966
Date Closed :	09/25/1991
Tank Number :	R1
Tank Status :	REM FROM GRD
Tank Owner ID :	37728
Tank Type :	UST
Capacity :	1000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R1
Tank Owner ID :	37728
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: G30
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY CLOCK COMPANY
1131 MICA RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 13224348
EPA ID: N/R

UST - VA ***(cont.)***

Tank Information

Install Date :	02/27/1966
Date Closed :	09/25/1991
Tank Number :	R2
Tank Status :	REM FROM GRD
Tank Owner ID :	37728
Tank Type :	UST
Capacity :	25000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	R2
Tank Owner ID :	37728
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: G31
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA RD
RIDGEWAY, VA 24148

Database(s) : [AFS, DOCKET]

Envirosite ID: 357566194
EPA ID: N/R

AFS

Facility Name :	RIDGEWAY FURNITURE
Facility Address :	1131 MICA RD, RIDGEWAY, VA 24148
County :	Henry

Facility Summary

Program System ID :	VA0000005108900066
Facility Registry ID :	110000343183

Map Id: G31
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA RD
RIDGEWAY, VA 24148

Database(s) : [AFS, DOCKET] ***(cont.)***

Envirosite ID: 357566194
EPA ID: N/R

AFS ***(cont.)***

EPA Region :	EPA Region 3 - DE, DC, MD, PA, VA, WV
SIC Codes :	N/R
NAICS Code :	337122
NAICS Code Description :	Nonupholstered Wood Household Furniture Manufacturing
Facility Type :	Non-Government
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions
Air Operating Status Code :	CLS
Air Operating Status Description :	Permanently Closed
Current High Priority Violation (HPV) Code:	No Viol
Current High Priority Violation (HPV) Description:	No Viol
Local Control Region Code :	N/R
Local Control Region Name :	N/R

Air Pollutant Details

Program System ID :	VA0000005108900066
Pollutant Code :	10193
Pollutant Description :	Carbon monoxide
SRS ID :	65052
Chemical Abstract Service Number :	630080
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900066
Pollutant Code :	10461
Pollutant Description :	Sulfur dioxide
SRS ID :	150367
Chemical Abstract Service Number :	7446095
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900066
Pollutant Code :	300000005
Pollutant Description :	NITROGEN OXIDES NO2
SRS ID :	167924
Chemical Abstract Service Number :	10102440
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900066
Pollutant Code :	300000048
Pollutant Description :	Xylene
SRS ID :	84970
Chemical Abstract Service Number :	1330207
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900066
Pollutant Code :	300000097

Map Id: G31
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA RD
RIDGEWAY, VA 24148

Database(s) : [AFS, DOCKET] ***(cont.)***

Envirosite ID: 357566194
EPA ID: N/R

AFS ***(cont.)***

Pollutant Description :	Toluene
SRS ID :	25452
Chemical Abstract Service Number :	108883
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900066
Pollutant Code :	300000101
Pollutant Description :	Methyl isobutyl ketone
SRS ID :	24851
Chemical Abstract Service Number :	108101
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900066
Pollutant Code :	300000188
Pollutant Description :	Methanol
SRS ID :	4283
Chemical Abstract Service Number :	67561
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900066
Pollutant Code :	300000207
Pollutant Description :	Formaldehyde
SRS ID :	1008
Chemical Abstract Service Number :	50000
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900066
Pollutant Code :	300000243
Pollutant Description :	VOLATILE ORGANIC COMPOUNDS (VOCS)
SRS ID :	761346
Chemical Abstract Service Number :	N/R
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900066
Pollutant Code :	300000304
Pollutant Description :	GLYCOL ETHERS (E651141)
SRS ID :	651141
Chemical Abstract Service Number :	N/R
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Program System ID :	VA0000005108900066
Pollutant Code :	300000319
Pollutant Description :	PARTICULATE MATTER < 10 UM
SRS ID :	1647619
Chemical Abstract Service Number :	N/R

Map Id: G31
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA RD
RIDGEWAY, VA 24148

Database(s) : [AFS, DOCKET] ***(cont.)***

Envirosite ID: 357566194
EPA ID: N/R

AFS ***(cont.)***

Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions
Program System ID :	VA0000005108900066
Pollutant Code :	300000322
Pollutant Description :	TOTAL PARTICULATE MATTER
SRS ID :	1647643
Chemical Abstract Service Number :	N/R
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions
Program System ID :	VA0000005108900066
Pollutant Code :	300000329
Pollutant Description :	FACIL
SRS ID :	N/R
Chemical Abstract Service Number :	N/R
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Air Violation History Details

HPV Day Zero Date :	N/R
HPV Resolved Date :	N/R
Program System ID :	N/R
Activity ID :	N/R
Agency Type :	N/R
State Code :	N/R
Air LCON Code :	N/R
Comp Determination UID :	N/R
ENF Response Policy Codes :	N/R
ENF Response Policy Description :	N/R
Program Codes :	N/R
Program Description :	N/R
Pollutant Codes :	N/R
Pollutant Description :	N/R
Earliest FRV Determ Date :	N/R

DOCKET

Facility Name :	RIDGEWAY FURNITURE
Facility Address :	1131 MICA RD, RIDGEWAY, VA 24148

Standard Industrial Classification(SIC) Summary

Enforcement Action Name :	RIDGEWAY FURNITURE
Registry ID :	110000343183
Primary SIC Code :	N/R
Primary SIC Description :	N/R
Primary NAICS Code :	337122
Primary NAICS Description :	Nonupholstered Wood Household Furniture Manufacturing
Last Date in Agency List :	10/08/2018

Map Id: G31
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA RD
RIDGEWAY, VA 24148

Database(s) : [AFS, DOCKET] ***(cont.)***

Envirosite ID: 357566194
EPA ID: N/R

DOCKET ***(cont.)***

Enforcement Action Case Number :	VA000A0000510890006600021
Activity ID :	3400307955
Final Ordr Iss/Final Order Enter Date:	N/R
Final Order Name :	N/R
Settlement FRS ICIS Facility ID :	N/R
Final Order FRS Name :	N/R
SEP Category :	N/R
SEP Description :	N/R

Complaint Summary

Respondent/Defendant Name :	N/R
Named in Complaint :	N/R
Named in Final Order :	N/R

Pollutant Summary

Pollutants (SRS) :	N/R

Violation and Enforcement Action Summary

Court Docket Number :	N/R
Complaint/Proposed Order Actual Date:	N/R
Final Order Issued Actual Date :	N/R
Admin EA Closed Actual Date :	12/03/1991
Enforcement Action Name :	RIDGEWAY FURNITURE 510890006600021
Enforcement Action Resolution :	N/R
Violation Type :	N/R
Statute Code :	CAA
Law Section Code :	OTHER
Law Section Description :	Violations not covered elsewhere

Violation Penalties and Compliance Summary

Compliance Action Cost :	N/R
EPA Penalty Assessed Amount :	N/R
Cost Recovery Required :	N/R
Cost of SEP :	N/R
Cost of Complying Actions :	N/R

Map Id: G32
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG]

Envirosite ID: 414427258
EPA ID: VAD003120722

ECHO

Facility Name :	RIDGEWAY FURNITURE
Facility Address :	1131 MICA ROAD, RIDGEWAY, VA 24148
County :	HENRY

Site Details

Last Inspection Date :	06/02/2009
Registry ID :	110000343183
FIPS Code :	51089
EPA Region :	03
Inspection Count :	0
Last Inspection Days :	3414
Informal Count :	0
Last Informal Action Date :	12/03/1991
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	N/R
Derived HUC :	03010103
Derived WBD :	030101030802
Derived STCTY FIPS :	51089
Derived Zip :	24148
Derived CD113 :	09
Derived CB2010 :	510890106022016
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	2511

Map Id: G32
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414427258
EPA ID: VAD003120722

ECHO ***(cont.)***

Facility NAICS Codes :	337122 334519 334518
Facility Last Inspection EPA Date :	09/24/1998
Facility Last Inspection State Date :	06/02/2009
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	12/03/1991
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	Y
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	36.58928
Longitude :	-79.86169
Last Date in Agency List :	10/08/2018

FRS

Facility Name :	RIDGEWAY FURNITURE
Facility Address :	1131 MICA ROAD, RIDGEWAY, VA 24148
County :	HENRY
Registry ID :	110000343183
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

AFS contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

Source Description :

AIR contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

Map Id: G32
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414427258
EPA ID: VAD003120722

FRS ***(cont.)***

Source Description :

NCDB supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

Source Description :

RCRAInfo is EPA’s comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Source Description :

The CEDS is the Virginia Department of Environmental Quality's (DEQ) electronic data system for maintaining data on sources of pollutants in all media.

Source Description :

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

Source Description :

TRIS is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.

FRS Environmental Interest

Source and System ID :

AIRS/AFS - 5108900066
CEDS - 200000082816
EIS - 4035211
ICIS - VA0000005108900066
NCDB - C03#91-0177
NCDB - I03#19910619A3001 2
RCRAINFO - VAD003120722
TRIS - 24148RDGWYSTATE

Map Id: G32
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414427258
EPA ID: VAD003120722

RCRA_CESQG

Facility Name :	RIDGEWAY FURNITURE
Facility Address :	1131 MICA ROAD, RIDGEWAY, VA 24148
County :	HENRY
Date Form Received by Agency :	20041235
EPA ID :	VAD003120722
Mailing Address :	PO BOX 407, RIDGEWAY, VA 24148
Contact :	BEVERLY A HALL
Contact Address :	N/R
Contact Country :	US
Contact Telephone :	276-956-3111
Contact Email :	N/R
EPA Region :	03
Land Type :	Private
Source Type :	Notification
Classification :	Conditionally Exempt Small Quantity Generator

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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 :	HOWARD MILLER
Owner/Operator Address :	N/R
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	20041131
Owner/Operator End Date :	N/R
Owner/Operator Name :	OPERNAME
Owner/Operator Address :	OPERSTREET, OPERCITY, AK 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	215-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Map Id: G32
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414427258
EPA ID: VAD003120722

RCRA_CESQG ***(cont.)***

Owner/Operator Name :	PULASKI FURNITURE CORP
Owner/Operator Address :	ONE PULASKI SQUARE, PULASKI, VA 24301
Owner/Operator Country :	N/R
Owner/Operator Telephone :	703-980-7330
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	RIDGEWAY FURNITURE
Owner/Operator Address :	N/R
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	20041131
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	19801132
Facility Name :	RIDGEWAY CLOCK DIV OF PULASKI FUR
Classification :	Small Quantity Generator

Date Form Received by Agency :	20010374
Facility Name :	RIGEWAY CLOCKS
Classification :	Large Quantity Generator

Map Id: G32
Direction: NE
Distance: 0.050 mi.
Actual: 262.968 ft.
Elevation: 0.17 mi. / 898.986 ft.
Relative: Higher

Site Name : RIDGEWAY FURNITURE
1131 MICA ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414427258
EPA ID: VAD003120722

RCRA_CESQG ***(cont.)***

Hazardous Waste Summary
Waste Code / Name : D001 - IGNITABLE WASTE
F003 - 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.
F005 - THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Notices of Violations Summary
Regulation Violated : N

Evaluation Action Summary
Evaluation Date : 08/23/2004
Evaluation : NON-FINANCIAL RECORD REVIEW
Area of Violation : N/R
Date Achieved Compliance : N/R
Evaluation Lead Agency : State

Map Id: E33
Direction: NNE
Distance: 0.052 mi.
Actual: 273.363 ft.
Elevation: 0.149 mi. / 787.306 ft.
Relative: Higher

Site Name : TRACTOR SUPPLY #1788
4920 GREENSBORO ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG]

Envirosite ID: 414431798
EPA ID: VAR000529024

ECHO

Facility Name : TRACTOR SUPPLY #1788
Facility Address : 4920 GREENSBORO ROAD, RIDGEWAY, VA 24148
County : HENRY

Map Id: E33
Direction: NNE
Distance: 0.052 mi.
Actual: 273.363 ft.
Elevation: 0.149 mi. / 787.306 ft.
Relative: Higher

Site Name : TRACTOR SUPPLY #1788
4920 GREENSBORO ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414431798
EPA ID: VAR000529024

ECHO ***(cont.)***

Site Details

Last Inspection Date :	07/19/2017
Registry ID :	110060291394
FIPS Code :	51089
EPA Region :	03
Inspection Count :	1
Last Inspection Days :	445
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters :	50
Derived Tribes :	N/R
Derived HUC :	03010103
Derived WBD :	030101030802
Derived STCTY FIPS :	51089
Derived Zip :	24148
Derived CD113 :	09
Derived CB2010 :	510890106012026
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	453998
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	07/19/2017
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R

Map Id: E33
Direction: NNE
Distance: 0.052 mi.
Actual: 273.363 ft.
Elevation: 0.149 mi. / 787.306 ft.
Relative: Higher

Site Name : TRACTOR SUPPLY #1788
4920 GREENSBORO ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414431798
EPA ID: VAR000529024

ECHO ***(cont.)***

Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	36.626906
Longitude :	-79.85973
Last Date in Agency List :	10/08/2018

FRS

Facility Name :	TRACTOR SUPPLY #1788
Facility Address :	4920 GREENSBORO ROAD, RIDGEWAY, VA 24148
County :	HENRY
Registry ID :	110060291394
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID :	RCRAINFO - VAR000529024

RCRA_CESQG

Facility Name :	TRACTOR SUPPLY #1788
Facility Address :	4920 GREENSBORO ROAD, RIDGEWAY, VA 24148
County :	HENRY

Map Id: E33
Direction: NNE
Distance: 0.052 mi.
Actual: 273.363 ft.
Elevation: 0.149 mi. / 787.306 ft.
Relative: Higher

Site Name : TRACTOR SUPPLY #1788
4920 GREENSBORO ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414431798
EPA ID: VAR000529024

RCRA_CESQG ***(cont.)***

Date Form Received by Agency :	08/23/2017
EPA ID :	VAR000529024
Mailing Address :	200 POWELL PLACE, BRENTWOOD, TN 37027
Contact :	TREY BROWN
Contact Address :	200 POWELL PLACE, BRENTWOOD, TN 37027
Contact Country :	US
Contact Telephone :	615-440-4660
Contact Email :	TSCRISKMGMT@TRACTORSUPPLY.COM
EPA Region :	03
Land Type :	Private
Source Type :	Implementer
Classification :	Conditionally Exempt Small Quantity Generator

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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 :	SHEFFIELD ESTATES INC.
Owner/Operator Address :	PO BOX 952, MARTINSVILLE, VA 24114
Owner/Operator Country :	US
Owner/Operator Telephone :	276-632-5325
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	20140238
Owner/Operator End Date :	N/R

Owner/Operator Name :	TRACTOR SUPPLY COMPANY
Owner/Operator Address :	N/R
Owner/Operator Country :	N/R
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	20140238
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N

Map Id: E33
Direction: NNE
Distance: 0.052 mi.
Actual: 273.363 ft.
Elevation: 0.149 mi. / 787.306 ft.
Relative: Higher

Site Name : TRACTOR SUPPLY #1788
4920 GREENSBORO ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414431798
EPA ID: VAR000529024

RCRA_CESQG ***(cont.)***

Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	06/16/2014
Facility Name :	TRACTOR SUPPLY #1788
Classification :	Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary

Waste Code / Name :

D001 - IGNITABLE WASTE
D002 - CORROSIVE WASTE
F005 - THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Notices of Violations Summary

Regulation Violated :	N

Evaluation Action Summary

Evaluation Date :	07/20/2017
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Map Id: H34
Direction: NE
Distance: 0.055 mi.
Actual: 292.715 ft.
Elevation: 0.179 mi. / 944.298 ft.
Relative: Higher

Site Name : OLD RIDGEWAY ELEMENTARY SCHOOL
CHURCH STREET
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS]

Envirosite ID: 344186906
EPA ID: N/R

ECHO

Facility Name :	OLD RIDGEWAY ELEMENTARY SCHOOL
Facility Address :	CHURCH STREET, RIDGEWAY, VA 24148
County :	HENRY

Site Details

Last Inspection Date :	01/02/2002
Registry ID :	110007325741
FIPS Code :	51089
EPA Region :	03
Inspection Count :	0
Last Inspection Days :	6122
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	Not Available
Three-Year Compliance Status :	_____
Collection Method :	N/R
Reference Point :	N/R
Accuracy Meters :	17465
Derived Tribes :	N/R
Derived HUC :	03010103
Derived WBD :	030101030802
Derived STCTY FIPS :	51089
Derived Zip :	24148
Derived CD113 :	05
Derived CB2010 :	510890106023012
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	8211

Map Id: H34
Direction: NE
Distance: 0.055 mi.
Actual: 292.715 ft.
Elevation: 0.179 mi. / 944.298 ft.
Relative: Higher

Site Name : OLD RIDGEWAY ELEMENTARY SCHOOL
CHURCH STREET
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS] ***(cont.)***

Envirosite ID: 344186906
EPA ID: N/R

ECHO ***(cont.)***

Facility NAICS Codes :	611110
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	01/02/2002
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	Y
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	36.575833
Longitude :	-79.865556
Last Date in Agency List :	10/08/2018

FRS

Facility Name :	OLD RIDGEWAY ELEMENTARY SCHOOL
Facility Address :	CHURCH STREET, RIDGEWAY, VA 241480000
County :	HENRY
Registry ID :	110007325741
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

AFS contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

Source Description :

AIR contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

Map Id: H34
Direction: NE
Distance: 0.055 mi.
Actual: 292.715 ft.
Elevation: 0.179 mi. / 944.298 ft.
Relative: Higher

Site Name : OLD RIDGEWAY ELEMENTARY SCHOOL
CHURCH STREET
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS] ***(cont.)***

Envirosite ID: 344186906
EPA ID: N/R

FRS ***(cont.)***

Source Description :

The CEDS is the Virginia Department of Environmental Quality's (DEQ) electronic data system for maintaining data on sources of pollutants in all media.

FRS Environmental Interest

Source and System ID :	AIRS/AFS - 5108900054
	CEDS - 200000082817
	ICIS - VA0000005108900054

Map Id: A35
Direction: NE
Distance: 0.056 mi.
Actual: 296.128 ft.
Elevation: 0.156 mi. / 823.346 ft.
Relative: Higher

Site Name : JAMES WHITLOW RESIDENCE
101 TARDEN DR
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24837187
EPA ID: N/R

LPT - VA

Facility Name :	James Whitlow Residence
Facility Address :	101 Tarden Dr, Ridgeway, VA 24148
County :	Henry County
Release Reported :	09/04/2008
PC Number :	20092016
CEDS Facility ID :	200000849867
Case Status :	Closed
Case Closed Date :	11/03/2008
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 1
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	N/R
Suspect Confirm Indicator :	Confirmed
Latitude :	36.5996591497103
Longitude :	-79.8606171529234
Last Date in Agency List :	11/16/2018

Map Id: I36
Direction: ENE
Distance: 0.062 mi.
Actual: 328.941 ft.
Elevation: 0.18 mi. / 952.497 ft.
Relative: Higher

Site Name : CHESAPEAKE CUSTOM CHEMICAL
126 RESERVOIR RD
RIDGEWAY, VA 24148

Database(s) : [CEDS - VA, UST - VA]

Envirosite ID: 14437883
EPA ID: N/R

CEDS - VA

Facility Name :	Chesapeake Custom Chemical
Facility Address :	126 Reservoir Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Expiration Date :	N/R
Permit Effective Date :	N/R
Permit Number :	VAR051640
Permit Writer :	N/R
DEQ Region Name :	N/R
Owner Name :	N/R
Major/Minor :	N/R
Municipal/Industrial :	N/R
Design Flow :	N/R
Total Flow :	N/R

Contact Information

Company Name :	N/R
Contact Name :	N/R
Contact Title :	N/R
Contact Address :	N/R
Contact Address 2 :	N/R
Primary Phone :	N/R
Primary Phone Ext :	N/R
Primary Phone Formatted :	N/R
Secondary Phone :	N/R
Secondary Phone Ext :	N/R
Secondary Phone Formatted :	N/R
Fax :	N/R
Mail Stop :	N/R
Mobile Phone :	N/R
Email :	N/R
Contact Purpose(s) :	N/R

UST - VA

Facility Name :	Chesapeake Custom Chemical
Facility Address :	126 Reservoir Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2001217
Facility Type :	INDUSTRIAL
CEDS Facility ID :	200000083119
Region Code :	BRROR

Tank Information

Install Date :	10/01/1984
Date Closed :	08/10/1994

Map Id: I36
Direction: ENE
Distance: 0.062 mi.
Actual: 328.941 ft.
Elevation: 0.18 mi. / 952.497 ft.
Relative: Higher

Site Name : CHESAPEAKE CUSTOM CHEMICAL
126 RESERVOIR RD
RIDGEWAY, VA 24148

Database(s) : [CEDS - VA, UST - VA] ***(cont.)***

Envirosite ID: 14437883
EPA ID: N/R

UST - VA ***(cont.)***

Tank Number :	G1
Tank Status :	REM FROM GRD
Tank Owner ID :	31110
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	G1
Tank Owner ID :	31110
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: I37
Direction: ENE
Distance: 0.062 mi.
Actual: 328.941 ft.
Elevation: 0.18 mi. / 952.497 ft.
Relative: Higher

Site Name : SOUTHEASTERN ADHESIVES COMPANY-
RIDGEWAY, VA
126 RESERVOIR ROAD (STATE ROAD 689)
RIDGEWAY, VA 24148

Database(s) : [RMP]

Envirosite ID: 408657342
EPA ID: N/R

RMP

Facility Name :	Southeastern Adhesives Company- Ridgeway, VA
Facility Address :	126 Reservoir Road (State Road 689), Ridgeway, VA 24148
Facility ID :	12471
Facility County FIPS :	51089
LEPC :	Martinsville Joint LEPC
Facility URL :	seaco-online.com
Facility Phone Number :	5409563176
Facility Email Address :	info@SEACO-online.com
Facility DUNS :	3163284

Map Id: I37
Direction: ENE
Distance: 0.062 mi.
Actual: 328.941 ft.
Elevation: 0.18 mi. / 952.497 ft.
Relative: Higher

Site Name : SOUTHEASTERN ADHESIVES COMPANY-RIDGEWAY, VA
126 RESERVOIR ROAD (STATE ROAD 689)
RIDGEWAY, VA 24148

Database(s) : [RMP] ***(cont.)***

Envirosite ID: 408657342
EPA ID: N/R

RMP ***(cont.)***

Parent Company Name :	N/R
Company 2 Name :	N/R
Company DUNS :	0
Company 2 DUNS :	0
Operator Name :	Southeastern Adhesives Company
Operator Address :	PO Box 527, Ridgeway, VA 24148-0527
Operator Address 2 :	N/R
Operator Phone :	8287543493
Emergency Contact Name :	Doug Stewart
Emergency Contact Title :	Plant Manager
Emergency Contact Phone :	5409563176
Phone 24 :	5406291449
Emergency Contact Ext PIN :	N/R
Emergency Contact Email :	N/R
No Accidents :	true
Foreign State Prov :	N/R
Foreign Zip Code :	N/R
Foreign Country :	N/R
FTE :	15
Other EPA Facility ID :	24148STHSTSTATE
EPA Facility ID :	100000130672
OSHA PSM :	true
EPCRA 302 :	true
CAA Title V :	false
Clear Air Op Permit ID :	N/R
Safety Inspection Date :	01/29/1998
Safety Inspection by :	State environmental agency
OSHA Ranking :	false
Predictive Filing Flag :	false
Submission Type :	F
CBI Flag :	false
Completion Check Date :	07/14/1999
Receipt Date :	06/23/1999
Graphics Indicator :	false
Attachments Indicator :	false
Certification Received Flag :	true
Submission Method :	RMP*Submit
CBI Substantiation Flag :	false
Electronic Waiver Received Flag :	false
Postmark Date :	06/21/1999
De Registration Date :	01/26/2006
De Registration Effective Date :	09/01/2002
Anniversary Date :	06/21/2004
Error Report Date :	N/R
CBI Unsanitized Version Flag :	false
Version Number :	1.1.7
Facility Latitude :	36.550667
Facility Longitude :	-79.896083
Valid Latitude Longitude Flag :	true
FRS Description :	PROCESS UNIT
FRS Method :	GPS CODE (PSEUDO RANGE) PRECISE POSITION
Horizontal Accuracy Measure :	N/R
Horizontal Reference Datum Code :	N/R
Source Map Scale Number :	N/R
Last Date in Agency List :	10/11/2018

Map Id: I37
Direction: ENE
Distance: 0.062 mi.
Actual: 328.941 ft.
Elevation: 0.18 mi. / 952.497 ft.
Relative: Higher

Site Name : SOUTHEASTERN ADHESIVES COMPANY-RIDGEWAY, VA
126 RESERVOIR ROAD (STATE ROAD 689)
RIDGEWAY, VA 24148

Database(s) : [RMP] ***(cont.)***

Envirosite ID: 408657342
EPA ID: N/R

RMP ***(cont.)***

Process Detail
- Process ID : 16673
- Process Facility ID : 12471
- Process Description : N/R

Chemical Details
- Chemical Name : Formaldehyde (solution)
- Chemical ID : 1
- Quantity : 100000

- Chemical Name : Public OCA Chemical
- Chemical ID : 0
- Quantity : 0

RMP Summary
- RMP Contact Name : Donald E. Barrier
- RMP Title : President
- RMP Description : N/R
- RMP Complete Flag : true

Accident History
- Accident Date : N/R
- Accident Time : N/R
- Accident Release Duration : N/R
- Release Event : N/R
- Release Source : N/R
- Other Release Source : N/R
- Onsite Property Damage : N/R
- Offsite Property Damage : N/R
- Envir Damage : N/R
- Envir Damage-Other : N/R
- Initiating Event : N/R
- Cause Equipment Failure : N/R
- Cause-Other : N/R
- Offsite Responders Notify : N/R
- CBI Flag : N/R

Accident History Chemicals
- Accident Chemical ID : N/R
- Accident History ID : N/R
- Chemical ID : N/R
- Chemical Name : N/R
- Quantity Released : N/R
- Percent Weight : N/R

Map Id: C38
Direction: NE
Distance: 0.063 mi.
Actual: 332.987 ft.
Elevation: 0.145 mi. / 767.556 ft.
Relative: Higher

Site Name : ASHBY KENNETH RESIDENCE
43 WINDOVER ST
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24833315
EPA ID: N/R

LPT - VA

Facility Name :	Ashby Kenneth Residence
Facility Address :	43 Windover St, Ridgeway, VA 24148
County :	Henry County
Release Reported :	04/16/2013
PC Number :	20132319
CEDS Facility ID :	200000859379
Case Status :	Closed
Case Closed Date :	06/04/2013
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6164817289955
Longitude :	-79.8589050699931
Last Date in Agency List :	11/16/2018

Map Id: 39
Direction: NE
Distance: 0.071 mi.
Actual: 372.569 ft.
Elevation: 0.146 mi. / 772.205 ft.
Relative: Higher

Site Name : MCBRIDE GLENDA RESIDENCE
199 KEN LN
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 406769709
EPA ID: N/R

LPT - VA

Facility Name :	McBride Glenda Residence
Facility Address :	199 Ken Ln, Ridgeway, VA 24148
County :	Henry County
Release Reported :	06/20/2018
PC Number :	20182269
CEDS Facility ID :	200000887310
Case Status :	Open
Case Closed Date :	N/R
Region :	WCRO

Map Id: 39
Direction: NE
Distance: 0.071 mi.
Actual: 372.569 ft.
Elevation: 0.146 mi. / 772.205 ft.
Relative: Higher

Site Name : MCBRIDE GLENDA RESIDENCE
199 KEN LN
RIDGEWAY, VA 24148

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 406769709
EPA ID: N/R

LPT - VA ***(cont.)***

Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6076960000334
Longitude :	-79.8628750001181
Last Date in Agency List :	11/16/2018

Map Id: J40
Direction: NE
Distance: 0.086 mi.
Actual: 451.827 ft.
Elevation: 0.164 mi. / 867.254 ft.
Relative: Higher

Site Name : MAIN STREET MARKET
310 Main St
Ridgeway, VA 24148

Database(s) : [AST - VA, LPT - VA, UST - VA]

Envirosite ID: 7364849
EPA ID: N/R

AST - VA

Facility Name :	Main Street Market
Facility Address :	310 Main St, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2021218
Facility Type :	GAS STATION
CEDS Facility ID :	200000088993
Region Code :	BRROR
Last Date in Agency List :	12/17/2018

Tank Information

Install Date :	12/01/1998
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	29631
Tank Type :	AST

Map Id: J40
Direction: NE
Distance: 0.086 mi.
Actual: 451.827 ft.
Elevation: 0.164 mi. / 867.254 ft.
Relative: Higher

Site Name : MAIN STREET MARKET
310 Main St
Ridgeway, VA 24148

Database(s) : [AST - VA, LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7364849
EPA ID: N/R

AST - VA ***(cont.)***

Capacity :	2000
Federally Regulated Tank :	N
Contents :	FUEL OIL
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	29631
Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	Y
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N
Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

Tank Information

Install Date :	12/01/1998
Date Closed :	N/R
Tank Number :	2
Tank Status :	CURR IN USE
Tank Owner ID :	29631
Tank Type :	AST
Capacity :	1000
Federally Regulated Tank :	N
Contents :	KEROSENE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	29631
Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R

Map Id: J40
Direction: NE
Distance: 0.086 mi.
Actual: 451.827 ft.
Elevation: 0.164 mi. / 867.254 ft.
Relative: Higher

Site Name : MAIN STREET MARKET
310 Main St
Ridgeway, VA 24148

Database(s) : [AST - VA, LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7364849
EPA ID: N/R

AST - VA ***(cont.)***

Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	Y
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N
Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

Tank Information

Install Date :	12/01/1998
Date Closed :	N/R
Tank Number :	3
Tank Status :	CURR IN USE
Tank Owner ID :	29631
Tank Type :	AST
Capacity :	1000
Federally Regulated Tank :	N
Contents :	GASOLINE
Other Contents :	110 Octane Racing Gas

Tank Material Information

Tank Number :	3
Tank Owner ID :	29631
Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	Y
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N
Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

LPT - VA

Facility Name :	MAIN STREET MARKET

Map Id: J40
Direction: NE
Distance: 0.086 mi.
Actual: 451.827 ft.
Elevation: 0.164 mi. / 867.254 ft.
Relative: Higher

Site Name : MAIN STREET MARKET
310 Main St
Ridgeway, VA 24148

Database(s) : [AST - VA, LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7364849
EPA ID: N/R

LPT - VA ***(cont.)***

Facility Address :	310 Main St, Ridgeway, VA 24148
County :	Henry County
Release Reported :	08/13/1991
PC Number :	19920200
CEDS Facility ID :	200000088993
Case Status :	Closed
Case Closed Date :	08/16/1994
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	N/R
Federally Regulated UST :	Y
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.5832693261078
Longitude :	-79.8604454201939
Last Date in Agency List :	11/16/2018

UST - VA

Facility Name :	Main Street Market
Facility Address :	310 Main St, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2021218
Facility Type :	GAS STATION
CEDS Facility ID :	200000088993
Region Code :	BRROR

Tank Information

Install Date :	06/01/1982
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	29631
Tank Type :	UST
Capacity :	8000
Federally Regulated Tank :	Y
Contents :	GASOLINE

Map Id: J40
Direction: NE
Distance: 0.086 mi.
Actual: 451.827 ft.
Elevation: 0.164 mi. / 867.254 ft.
Relative: Higher

Site Name : MAIN STREET MARKET
310 Main St
Ridgeway, VA 24148

Database(s) : [AST - VA, LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7364849
EPA ID: N/R

UST - VA ***(cont.)***

Other Contents : N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	29631
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	Y
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	06/01/1982
Date Closed :	N/R
Tank Number :	2
Tank Status :	CURR IN USE
Tank Owner ID :	29631
Tank Type :	UST
Capacity :	8000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	29631
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	Y
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N

Map Id: J40
Direction: NE
Distance: 0.086 mi.
Actual: 451.827 ft.
Elevation: 0.164 mi. / 867.254 ft.
Relative: Higher

Site Name : MAIN STREET MARKET
310 Main St
Ridgeway, VA 24148

Database(s) : [AST - VA, LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7364849
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: J41
Direction: NE
Distance: 0.086 mi.
Actual: 451.827 ft.
Elevation: 0.164 mi. / 867.254 ft.
Relative: Higher

Site Name : TRACTOR TRAILER SADDLE TANK LEAK
310 MAIN STREET
RIDGEWAY, VA

Database(s) : [SPILLS - VA]

Envirosite ID: 325966747
EPA ID: N/R

SPILLS - VA

Facility Name :	Tractor Trailer Saddle Tank Leak
Facility Address :	310 MAIN STREET, Ridgeway, VA
County :	Henry County
Incident Date :	03/07/2016
Call Received Date :	03/08/2016
Closure Date :	04/18/2016
IR Number :	2016-W-2663
Associated IR :	N/R
Reference ID :	53726
Status :	Closed
Facility Name :	N/R
Region :	West Central
Incident Type :	Petroleum
Incident Subtype :	Art. 11 Excepted * Petroleum * Surface Spill
Threat to :	Human Health
Terrorism (Y/N) :	N
Characterize Incident :	Accidental
Materials :	Diesel (30-40 Gallons)
Effect to Receptor :	N/R
Water Body :	N/R
Low Quantity to Water :	30
High Quantity to Water :	40
Quantity Units :	Gallons
Other Receptors :	N/R
RP Company :	N/R
RP Name :	N/R
Property Owner :	N/R
Property Company :	N/R
Duration of Event (Hours) :	0
Impacts :	N/R
Other Impacts :	N/R
Steps Taken :	N/R
Steps Taken Description :	N/R
System Components :	N/R
Other System Components :	N/R
Cause of Event :	N/R
Corrective Action Taken :	N/R
Weather Status :	N/R

Map Id: J41
Direction: NE
Distance: 0.086 mi.
Actual: 451.827 ft.
Elevation: 0.164 mi. / 867.254 ft.
Relative: Higher

Site Name : TRACTOR TRAILER SADDLE TANK LEAK
310 MAIN STREET
RIDGEWAY, VA

Database(s) : [SPILLS - VA] ***(cont.)***

Envirosite ID: 325966747
EPA ID: N/R

SPILLS - VA ***(cont.)***

Precipitation (Wet) :	0
Discharge Type :	N/R
Discharge Volume :	0
Unknown Discharge (Y/N) :	N
Original Call Incident Description :	CALLER STATED THAT A TRACTOR TRAILER HAS A SADDLE TANK LEAK AND RELEASED 30-40 GALLONS OF DIESEL FUEL ONTO THE GROUND. RELEASE SECURE, NO WATERWAY AFFECTED NO REQUEST FOR ASSISTANCE. THE TRACTOR TRAILER COMPANY IS BEING TASKED TO PROVIDE A CLEANUP CONTRACTOR.
Original Call Material Description :	Diesel Fuel
Original Call Location Description :	310 MAIN STREETRIDGEWAY VA
Incident Ongoing at Time of Call :	N
Agencies Notified (Y/N) :	Y
Other Agencies :	Henry County Public Safety
Permitted (Y/N) :	N
Call Reported by Name :	Kenny Shumate
Call Reported by Company Name :	Henry County Public Safety
Call RP Company Name :	N/R
Call RP Name :	N/R
Call Property Owner Company Name :	N/R
Call Property Owner Name :	N/R
Closure Comments :	RSW observed spill has been remediated. NFA.
Site Summary :	CALLER STATED THAT A TRACTOR TRAILER HAS A SADDLE TANK LEAK AND RELEASED 30-40 GALLONS OF DIESEL FUEL ONTO THE GROUND. RELEASE SECURE, NO WATERWAY AFFECTED NO REQUEST FOR ASSISTANCE. THE TRACTOR TRAILER COMPANY IS BEING TASKED TO PROVIDE A CLEANUP CONTRACTOR.
Last Date in Agency List :	12/18/2018

Map Id: K42
Direction: NNE
Distance: 0.097 mi.
Actual: 512.236 ft.
Elevation: 0.158 mi. / 834.17 ft.
Relative: Higher

Site Name : MAGNA VISTA HIGH SCHOOL
701 MAGNA VISTA SCHOOL RD
RIDGEWAY, VA 24148

Database(s) : [AFS, UST - VA]

Envirosite ID: 14439669
EPA ID: N/R

AFS

Facility Name :	MAGNA VISTA HIGH SCHOOL
Facility Address :	701 MAGNA VISTA SCHOOL RD, RIDGEWAY, VA 241480000
County :	Henry

Facility Summary

Program System ID :	VA0000005108900081
Facility Registry ID :	110008197995
EPA Region :	EPA Region 3 - DE, DC, MD, PA, VA, WV

Map Id: K42
Direction: NNE
Distance: 0.097 mi.
Actual: 512.236 ft.
Elevation: 0.158 mi. / 834.17 ft.
Relative: Higher

Site Name : MAGNA VISTA HIGH SCHOOL
701 MAGNA VISTA SCHOOL RD
RIDGEWAY, VA 24148

Database(s) : [AFS, UST - VA] ***(cont.)***

Envirosite ID: 14439669
EPA ID: N/R

AFS ***(cont.)***

SIC Codes :	8211
NAICS Code :	611110
NAICS Code Description :	N/R
Facility Type :	County Government
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions
Air Operating Status Code :	OPR
Air Operating Status Description :	Operating
Current High Priority Violation (HPV) Code:	No Viol
Current High Priority Violation (HPV) Description:	No Viol
Local Control Region Code :	N/R
Local Control Region Name :	N/R

Air Pollutant Details

Program System ID :	VA0000005108900081
Pollutant Code :	10461
Pollutant Description :	Sulfur dioxide
SRS ID :	150367
Chemical Abstract Service Number :	7446095
Air Pollutant Class Code :	MIN
Air Pollutant Class Description :	Minor Emissions

Air Violation History Details

HPV Day Zero Date :	N/R
HPV Resolved Date :	N/R
Program System ID :	N/R
Activity ID :	N/R
Agency Type :	N/R
State Code :	N/R
Air LCON Code :	N/R
Comp Determination UID :	N/R
ENF Response Policy Codes :	N/R
ENF Response Policy Description :	N/R
Program Codes :	N/R
Program Description :	N/R
Pollutant Codes :	N/R
Pollutant Description :	N/R
Earliest FRV Determ Date :	N/R

UST - VA

Facility Name :	Magna Vista High School
Facility Address :	701 Magna Vista School Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2022162
Facility Type :	LOCAL
CEDS Facility ID :	200000082709

Map Id: K42
Direction: NNE
Distance: 0.097 mi.
Actual: 512.236 ft.
Elevation: 0.158 mi. / 834.17 ft.
Relative: Higher

Site Name : MAGNA VISTA HIGH SCHOOL
701 MAGNA VISTA SCHOOL RD
RIDGEWAY, VA 24148

Database(s) : [AFS, UST - VA] ***(cont.)***

Envirosite ID: 14439669
EPA ID: N/R

UST - VA ***(cont.)***

Region Code :	BRROR

Tank Information

Install Date :	09/02/1987
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	35432
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	35432
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: K43
Direction: NNE
Distance: 0.097 mi.
Actual: 512.236 ft.
Elevation: 0.158 mi. / 834.17 ft.
Relative: Higher

Site Name : 100K GAL DRINKING WATER AST SITE
701 MAGNA VISTA SCHOOL ROAD
RIDGEWAY, VA

Database(s) : [ARCHIVED SPILLS - VA]

Envirosite ID: 330008999
EPA ID: N/R

Archived SPILLS - VA

Facility Name :	100K gal drinking water AST site
Facility Address :	701 Magna Vista School Road, Ridgeway, VA
County :	Henry County

Map Id: K43
Direction: NNE
Distance: 0.097 mi.
Actual: 512.236 ft.
Elevation: 0.158 mi. / 834.17 ft.
Relative: Higher

Site Name : 100K GAL DRINKING WATER AST SITE
701 MAGNA VISTA SCHOOL ROAD
RIDGEWAY, VA

Database(s) : [ARCHIVED SPILLS - VA] ***(cont.)***

Envirosite ID: 330008999
EPA ID: N/R

Archived SPILLS - VA ***(cont.)***

Closure Date :	07/15/2010
Incident Date :	N/R
Call Received Date :	01/15/2009
IR Number :	2009-W-0199
Associated IR :	N/R
Reference ID :	N/R
Incident Type :	Petroleum
Incident Subtype :	Petroleum
Region :	West Central
Threat to :	N/R
Terrorism (Y/N) :	NO
Characterize Incident :	N/R
Materials :	Oil (Unknown)(1 - 1 Gallons)
Effect to Receptor :	N/R
Water Body :	N/R
Low Quantity to Water :	N/R
High Quantity to Water :	N/R
Quantity Units :	N/R
Other Receptors :	Streams; wells
RP Company :	Henry County Public Schools
RP Name :	N/R
Property Owner :	N/R
Property Company :	N/R
Duration of Event (Hours) :	N/R
Impacts :	N/R
Other Impacts :	N/R
Steps Taken :	N/R
Steps Taken Description :	N/R
System Components :	N/R
Other System Components :	N/R
Cause of Event :	N/R
Corrective Action Taken :	N/R
Weather Status :	N/R
Precipitation (Wet) :	N/R
Discharge Type :	N/R
Discharge Volume :	N/R
Unknown Discharge (Y/N) :	NO
Original Call Incident Description :	school system found petroleum contamination while removing a 100,000 gal. drinking water AST; the tank bottom had been set in sand containing oil, to prevent corrosion
Original Call Material Description :	Oil
Original Call Location Description :	100K gal drinking water AST site-701 Magna Vista School Road-Ridgeway-VA--Henry County
Incident Ongoing at Time of Call :	N/R
Agencies Notified (Y/N) :	NO
Other Agencies :	N/R
Permitted (Y/N) :	NO
Call Reported by Name :	N/R
Call Reported by Company Name :	Alicia Meadows
Call RP Company Name :	N/R
Call RP Name :	N/R
Call Property Owner Company Name :	N/R
Closure Summary :	See Site Summary for details

Map Id: K43
Direction: NNE
Distance: 0.097 mi.
Actual: 512.236 ft.
Elevation: 0.158 mi. / 834.17 ft.
Relative: Higher

Site Name : 100K GAL DRINKING WATER AST SITE
701 MAGNA VISTA SCHOOL ROAD
RIDGEWAY, VA

Database(s) : [ARCHIVED SPILLS - VA] ***(cont.)***

Envirosite ID: 330008999
EPA ID: N/R

Archived SPILLS - VA ***(cont.)***

Site Summary :	school system is to have the soil cleaned up by Environmental Options; 7/15/10 - documentation received and reviewed
Last Date in Agency List :	12/18/2018

Map Id: H44
Direction: NE
Distance: 0.107 mi.
Actual: 563.586 ft.
Elevation: 0.179 mi. / 942.746 ft.
Relative: Higher

Site Name : LYNN METZGER RESIDENCE
479 CHURCH AVE
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 327021753
EPA ID: N/R

LPT - VA

Facility Name :	Lynn Metzger Residence
Facility Address :	479 Church Ave, Ridgeway, VA 24148
County :	Henry County
Release Reported :	01/18/2016
PC Number :	20162251
CEDS Facility ID :	200000881899
Case Status :	Open
Case Closed Date :	04/14/2016
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.5743019997201
Longitude :	-79.8657049995886
Last Date in Agency List :	11/16/2018

Map Id: H45
Direction: NE
Distance: 0.107 mi.
Actual: 565.809 ft.
Elevation: 0.18 mi. / 948.868 ft.
Relative: Higher

Site Name : RIDGEWAY ELEMENTARY SCHOOL
380 CHURCH ST
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 14438973
EPA ID: N/R

UST - VA

Facility Name :	Ridgeway Elementary School
Facility Address :	380 Church St, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2013679
Facility Type :	LOCAL
CEDS Facility ID :	200000094409
Region Code :	BRROR

Tank Information

Install Date :	08/01/1988
Date Closed :	N/R
Tank Number :	HCPS-1
Tank Status :	TEMP OUT OF USE
Tank Owner ID :	47063
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	HCPS-1
Tank Owner ID :	47063
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	06/01/1972
Date Closed :	09/25/1987
Tank Number :	R1
Tank Status :	REM FROM GRD
Tank Owner ID :	32586
Tank Type :	UST

Map Id: H45
Direction: NE
Distance: 0.107 mi.
Actual: 565.809 ft.
Elevation: 0.18 mi. / 948.868 ft.
Relative: Higher

Site Name : RIDGEWAY ELEMENTARY SCHOOL
380 CHURCH ST
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14438973
EPA ID: N/R

UST - VA ***(cont.)***

Capacity :	1000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R1
Tank Owner ID :	32586
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: L46
Direction: NNE
Distance: 0.113 mi.
Actual: 594.212 ft.
Elevation: 0.148 mi. / 781.611 ft.
Relative: Higher

Site Name : BASSETT-WALKER, INC
3375 JOSEPH MARTIN HIGHWAY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA]

Envirosite ID: 406944010
EPA ID: N/R

UST - VA

Facility Name :	BASSETT-WALKER, INC
Facility Address :	3375 Joseph Martin Highway, Martinsville, 24115
County :	Martinsville City

Site Details

Facility ID :	2000342
Facility Type :	COMMERCIAL
CEDS Facility ID :	200000082971
Region Code :	BRRO-R

Map Id: L46
Direction: NNE
Distance: 0.113 mi.
Actual: 594.212 ft.
Elevation: 0.148 mi. / 781.611 ft.
Relative: Higher

Site Name : BASSETT-WALKER, INC
3375 JOSEPH MARTIN HIGHWAY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 406944010
EPA ID: N/R

UST - VA ***(cont.)***

Tank Information

Install Date :	02/19/1976
Date Closed :	06/17/1996
Tank Number :	R1
Tank Status :	REM FROM GRD
Tank Owner ID :	37766
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R1
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	02/19/1976
Date Closed :	06/17/1996
Tank Number :	R2
Tank Status :	REM FROM GRD
Tank Owner ID :	37766
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	R2
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N

Map Id: L46
Direction: NNE
Distance: 0.113 mi.
Actual: 594.212 ft.
Elevation: 0.148 mi. / 781.611 ft.
Relative: Higher

Site Name : BASSETT-WALKER, INC
3375 JOSEPH MARTIN HIGHWAY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 406944010
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	02/19/1968
Date Closed :	06/15/1995
Tank Number :	G3
Tank Status :	CLS IN GRD
Tank Owner ID :	37766
Tank Type :	UST
Capacity :	30000
Federally Regulated Tank :	Y
Contents :	HEATING OIL
Other Contents :	N/R

Tank Material Information

Tank Number :	G3
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	02/19/1968
Date Closed :	06/15/1995
Tank Number :	G4
Tank Status :	CLS IN GRD
Tank Owner ID :	37766

Map Id: L46
Direction: NNE
Distance: 0.113 mi.
Actual: 594.212 ft.
Elevation: 0.148 mi. / 781.611 ft.
Relative: Higher

Site Name : BASSETT-WALKER, INC
3375 JOSEPH MARTIN HIGHWAY
MARTINSVILLE, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 406944010
EPA ID: N/R

UST - VA ***(cont.)***

Tank Type :	UST
Capacity :	30000
Federally Regulated Tank :	Y
Contents :	HEATING OIL
Other Contents :	N/R

Tank Material Information

Tank Number :	G4
Tank Owner ID :	37766
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: L47
Direction: NNE
Distance: 0.113 mi.
Actual: 594.212 ft.
Elevation: 0.148 mi. / 781.611 ft.
Relative: Higher

Site Name : BASSETT-WALKER INC
3375 JOSEPH MARTIN HIGHWAY
MARTINSVILLE, VA 24115

Database(s) : [HIST LPT - VA]

Envirosite ID: 408587112
EPA ID: N/R

HIST LPT - VA

Facility Name :	BASSETT-WALKER INC
Facility Address :	3375 Joseph Martin Highway, Martinsville, 24115
County :	Martinsville City
Release Reported :	07/26/1996
PC Number :	19971010
CEDS Facility ID :	200000082971
Case Status :	Closed
Case Closed Date :	N/R
Region :	BRRO-R
Program :	N/R
Heating Oil Category :	N/R
Federally Regulated UST :	N/R
Regulated Petroleum UST (1) :	N/R

Map Id: L47
Direction: NNE
Distance: 0.113 mi.
Actual: 594.212 ft.
Elevation: 0.148 mi. / 781.611 ft.
Relative: Higher

Site Name : BASSETT-WALKER INC
3375 JOSEPH MARTIN HIGHWAY
MARTINSVILLE, VA 24115

Database(s) : [HIST LPT - VA] ***(cont.)***

Envirosite ID: 408587112
EPA ID: N/R

HIST LPT - VA ***(cont.)***

Excluded UST (1) :	N/R
Deferred UST (1) :	N/R
Partially Deferred UST (1) :	N/R
Exempt 1 UST (2) :	N/R
Exempt 2 Heating Oil UST (2) :	N/R
Small Heating Oil AST (2) :	N/R
Regulated AST (3) :	N/R
Unregulated AST (3) :	N/R
Other (Y/N) :	N/R
Other Description :	N/R
Unknown (Y/N) :	N/R
Last Date in Agency list :	04/18/2016

Map Id: 48
Direction: ENE
Distance: 0.114 mi.
Actual: 602.257 ft.
Elevation: 0.18 mi. / 949.016 ft.
Relative: Higher

Site Name : ESTHER MASON RESIDENCE
737 MAIN ST
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 362632770
EPA ID: N/R

LPT - VA

Facility Name :	Esther Mason Residence
Facility Address :	737 Main St, Ridgeway, VA 24148
County :	Henry County
Release Reported :	12/19/2017
PC Number :	20182141
CEDS Facility ID :	200000886226
Case Status :	Closed
Case Closed Date :	05/29/2018
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.5781850001114
Longitude :	-79.8575890003726

Map Id: 48
Direction: ENE
Distance: 0.114 mi.
Actual: 602.257 ft.
Elevation: 0.18 mi. / 949.016 ft.
Relative: Higher

Site Name : ESTHER MASON RESIDENCE
737 MAIN ST
RIDGEWAY, VA 24148

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 362632770
EPA ID: N/R

LPT - VA ***(cont.)***

Last Date in Agency List :	11/16/2018

Map Id: 49
Direction: NNE
Distance: 0.125 mi.
Actual: 659.356 ft.
Elevation: 0.155 mi. / 818.809 ft.
Relative: Higher

Site Name : WATKINS SAMUEL RESIDENCE
45 WATDILL CIR
MARTINSVILLE, VA 24112

Database(s) : [LPT - VA]

Envirosite ID: 24831083
EPA ID: N/R

LPT - VA

Facility Name :	Watkins Samuel Residence
Facility Address :	45 Watdill Cir, Martinsville, VA 24112
County :	Henry County
Release Reported :	09/12/2014
PC Number :	20152100
CEDS Facility ID :	200000878974
Case Status :	Closed
Case Closed Date :	01/05/2015
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.633763635193
Longitude :	-79.8829662750966
Last Date in Agency List :	11/16/2018

Map Id: M50
Direction: NE
Distance: 0.129 mi.
Actual: 679.094 ft.
Elevation: 0.137 mi. / 723.294 ft.
Relative: Higher

Site Name : DFI PROPERTIES - 162 MARROWBONE CIR
162 MARROWBONE CIR
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24832177
EPA ID: N/R

LPT - VA

Facility Name :	DFI Properties - 162 Marrowbone Cir
Facility Address :	162 Marrowbone Cir, Ridgeway, VA 24148
County :	Henry County
Release Reported :	06/27/2014
PC Number :	20142463
CEDS Facility ID :	200000877720
Case Status :	Closed
Case Closed Date :	07/30/2014
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 1
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6138695931315
Longitude :	-79.8580780387217
Last Date in Agency List :	11/16/2018

Map Id: 51
Direction: NE
Distance: 0.134 mi.
Actual: 709.791 ft.
Elevation: 0.168 mi. / 886.093 ft.
Relative: Higher

Site Name : THACKER WALTER RESIDENCE
525 WHITE HOUSE RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24831095
EPA ID: N/R

LPT - VA

Facility Name :	Thacker Walter Residence
Facility Address :	525 White House Rd, Ridgeway, VA 24148
County :	Henry County
Release Reported :	09/03/2014
PC Number :	20152088
CEDS Facility ID :	200000878917
Case Status :	Closed
Case Closed Date :	11/20/2014
Region :	WCRO

Map Id: 51
Direction: NE
Distance: 0.134 mi.
Actual: 709.791 ft.
Elevation: 0.168 mi. / 886.093 ft.
Relative: Higher

Site Name : THACKER WALTER RESIDENCE
525 WHITE HOUSE RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 24831095
EPA ID: N/R

LPT - VA ***(cont.)***

Program :	RP Lead
Heating Oil Category :	Category 1
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.5642185648559
Longitude :	-79.8923897147164
Last Date in Agency List :	11/16/2018

Map Id: E52
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : SPEEDWAY 4630
4801 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA]

Envirosite ID: 327021326
EPA ID: N/R

AST - VA

Facility Name :	Speedway 4630
Facility Address :	4801 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2037468
Facility Type :	GAS STATION
CEDS Facility ID :	200000197136
Region Code :	BRROR
Last Date in Agency List :	12/17/2018

Tank Information

Install Date :	07/01/2009
Date Closed :	N/R
Tank Number :	1
Tank Status :	DISMANTLED
Tank Owner ID :	34984
Tank Type :	AST

Map Id: E52
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : SPEEDWAY 4630
4801 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 327021326
EPA ID: N/R

AST - VA ***(cont.)***

Capacity :	1000
Federally Regulated Tank :	N
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	34984
Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	Y
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N
Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

UST - VA

Facility Name :	Speedway 4630
Facility Address :	4801 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2037468
Facility Type :	GAS STATION
CEDS Facility ID :	200000197136
Region Code :	BRROR

Tank Information

Install Date :	01/16/2005
Date Closed :	N/R
Tank Number :	5
Tank Status :	CURR IN USE
Tank Owner ID :	39882
Tank Type :	UST
Capacity :	15000
Federally Regulated Tank :	Y
Contents :	DIESEL

Map Id: E52
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : SPEEDWAY 4630
4801 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 327021326
EPA ID: N/R

UST - VA ***(cont.)***

Other Contents : N/R

Tank Material Information

Tank Number :	5
Tank Owner ID :	39882
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	Y
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/01/2000
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	39882
Tank Type :	UST
Capacity :	12000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	39882
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N

Map Id: E52
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : SPEEDWAY 4630
4801 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 327021326
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/01/2000
Date Closed :	N/R
Tank Number :	2
Tank Status :	CURR IN USE
Tank Owner ID :	39882
Tank Type :	UST
Capacity :	8000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	39882
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/01/2000
Date Closed :	N/R
Tank Number :	3
Tank Status :	CURR IN USE
Tank Owner ID :	39882
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Map Id: E52
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : SPEEDWAY 4630
4801 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 327021326
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	3
Tank Owner ID :	39882
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/01/2000
Date Closed :	N/R
Tank Number :	4
Tank Status :	CURR IN USE
Tank Owner ID :	39882
Tank Type :	UST
Capacity :	4000
Federally Regulated Tank :	Y
Contents :	KEROSENE
Other Contents :	N/R

Tank Material Information

Tank Number :	4
Tank Owner ID :	39882
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: E53
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : WILCO 663
4801 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA]

Envirosite ID: 406945340
EPA ID: N/R

AST - VA

Facility Name :	Wilco 663
Facility Address :	4801 Greensboro Rd, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2037468
Facility Type :	GAS STATION
CEDS Facility ID :	200000197136
Region Code :	BRRO-R
Last Date in Agency List :	01/14/2016

Tank Information

Install Date :	07/01/2009
Date Closed :	N/R
Tank Number :	1
Tank Status :	DISMANTLED
Tank Owner ID :	34984
Tank Type :	AST
Capacity :	1000
Federally Regulated Tank :	N
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	34984
Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	Y
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N
Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

UST - VA

Facility Name :	Wilco 663
Facility Address :	4801 Greensboro Rd, Ridgeway, 24148

Map Id: E53
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : WILCO 663
4801 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 406945340
EPA ID: N/R

UST - VA ***(cont.)***

County : Henry County

Site Details
- Facility ID : 2037468
- Facility Type : GAS STATION
- CEDS Facility ID : 200000197136
- Region Code : BRRO-R

Tank Information
- Install Date : 01/16/2005
- Date Closed : N/R
- Tank Number : 5
- Tank Status : CURR IN USE
- Tank Owner ID : 39882
- Tank Type : UST
- Capacity : 15000
- Federally Regulated Tank : Y
- Contents : DIESEL
- Other Contents : N/R

Tank Material Information
- Tank Number : 5
- Tank Owner ID : 39882
- Tank Material Asphalt/Bare Steel : N
- Tank Material CCP/STI-P3 : N
- Tank Material Composite : Y
- Tank Material Fiberglass : N
- Tank Material Concrete : N
- Tank Material Impressed Current : N
- Tank Material Double Walled : N
- Tank Material Lined Interior : N
- Tank Material Excavation Liner : N
- Tank Material Polyethylene Tank Jacket: N
- Tank Material Secondary Containment : N
- Tank Material Repaired : N
- Tank Material Unknown : N
- Tank Material Other : N
- Tank Material Other Notes : N/R
- Tank Materials Epoxy Steel : N/R

Tank Information
- Install Date : 05/01/2000
- Date Closed : N/R
- Tank Number : 1
- Tank Status : CURR IN USE
- Tank Owner ID : 39882
- Tank Type : UST
- Capacity : 12000
- Federally Regulated Tank : Y

Map Id: E53
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : WILCO 663
4801 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 406945340
EPA ID: N/R

UST - VA ***(cont.)***

Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	39882
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/01/2000
Date Closed :	N/R
Tank Number :	2
Tank Status :	CURR IN USE
Tank Owner ID :	39882
Tank Type :	UST
Capacity :	8000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	39882
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N

Map Id: E53
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : WILCO 663
4801 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 406945340
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/01/2000
Date Closed :	N/R
Tank Number :	3
Tank Status :	CURR IN USE
Tank Owner ID :	39882
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	39882
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/01/2000
Date Closed :	N/R
Tank Number :	4
Tank Status :	CURR IN USE
Tank Owner ID :	39882
Tank Type :	UST
Capacity :	4000
Federally Regulated Tank :	Y
Contents :	KEROSENE
Other Contents :	N/R

Map Id: E53
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : WILCO 663
4801 GREENSBORO RD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 406945340
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	4
Tank Owner ID :	39882
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	Y
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: E54
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : SPEEDWAY 4630
4801 GREENSBORO ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG]

Envirosite ID: 414434123
EPA ID: VAR000532044

ECHO

Facility Name :	SPEEDWAY 4630
Facility Address :	4801 GREENSBORO ROAD, RIDGEWAY, VA 24148
County :	HENRY

Site Details

Last Inspection Date :	N/R
Registry ID :	110070123294
FIPS Code :	51089
EPA Region :	03
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0

Map Id: E54
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : SPEEDWAY 4630
4801 GREENSBORO ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414434123
EPA ID: VAR000532044

ECHO ***(cont.)***

Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	N/R
Derived HUC :	03010103
Derived WBD :	030101030802
Derived STCTY FIPS :	51089
Derived Zip :	24148
Derived CD113 :	09
Derived CB2010 :	510890106021072
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	447110
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y

Map Id: E54
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : SPEEDWAY 4630
4801 GREENSBORO ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414434123
EPA ID: VAR000532044

ECHO ***(cont.)***

NAA Flag :	N/R
Latitude :	36.62815
Longitude :	-79.85937
Last Date in Agency List :	10/08/2018

FRS

Facility Name :	SPEEDWAY 4630
Facility Address :	4801 GREENSBORO ROAD, RIDGEWAY, VA 24148
County :	HENRY
Registry ID :	110070123294
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID :	RCRAINFO - VAR000532044

RCRA_CESQG

Facility Name :	SPEEDWAY 4630
Facility Address :	4801 GREENSBORO ROAD, RIDGEWAY, VA 24148
County :	HENRY
Date Form Received by Agency :	10/28/2016
EPA ID :	VAR000532044
Mailing Address :	PO BOX 1500, SPRINGFIELD, OH 45501
Contact :	CHARLES A BESSE
Contact Address :	PO BOX 1500, SPRINGFIELD, OH 45501
Contact Country :	US
Contact Telephone :	937-863-6272
Contact Email :	CABESSE@SPEEDWAY.COM
EPA Region :	03
Land Type :	Private
Source Type :	Notification
Classification :	Conditionally Exempt Small Quantity Generator

Map Id: E54
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : SPEEDWAY 4630
4801 GREENSBORO ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414434123
EPA ID: VAR000532044

RCRA_CESQG ***(cont.)***

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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 :	SPEEDWAY LLC
Owner/Operator Address :	N/R
Owner/Operator Country :	N/R
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	09/27/2016
Owner/Operator End Date :	N/R

Owner/Operator Name :	SPEEDWAY LLC
Owner/Operator Address :	PO BOX 1500, SPRINGFIELD, OH 45501
Owner/Operator Country :	US
Owner/Operator Telephone :	937-864-3000
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	09/27/2014
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Map Id: E54
Direction: NNE
Distance: 0.140 mi.
Actual: 740.630 ft.
Elevation: 0.151 mi. / 799.649 ft.
Relative: Higher

Site Name : SPEEDWAY 4630
4801 GREENSBORO ROAD
RIDGEWAY, VA 24148

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414434123
EPA ID: VAR000532044

RCRA_CESQG ***(cont.)***

Hazardous Waste Summary
Waste Code / Name : D001 - IGNITABLE WASTE
D018 - BENZENE

Notices of Violations Summary
Regulation Violated : N

Map Id: 55
Direction: NNE
Distance: 0.145 mi.
Actual: 764.230 ft.
Elevation: 0.139 mi. / 735.643 ft.
Relative: Higher

Site Name : RADIAL, LLC
3375 JOSEPH MARTIN HIGHWAY
MARTINSVILLE, VA 24112

Database(s) : [RCRA_SQG]

Envirosite ID: 415039203
EPA ID: VAR000534495

RCRA_SQG

Facility Name : RADIAL, LLC
Facility Address : 3375 JOSEPH MARTIN HIGHWAY, MARTINSVILLE, VA 24112
County : HENRY

Date Form Received by Agency : 20181132
EPA ID : VAR000534495
Mailing Address : 3375 JOSEPH MARTIN HIGHWAY, MARTINSVILLE, VA 24112
Contact : JUNIOR AKERS
Contact Address : 3375 JOSEPH MARTIN HIGHWAY, MARTINSVILLE, VA 24112
Contact Country : US
Contact Telephone : 276-956-0718
Contact Email : AKERSJ@RADIAL.COM
EPA Region : 03
Land Type : Private
Source Type : Notification
Classification : Small Quantity Generator

Description : Handlers that generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Last Date in Agency List : 12/21/2018

Owner/Operator Summary
Owner/Operator Name : RADIAL, LLC
Owner/Operator Address : 3375 JOSEPH MARTIN HIGHWAY, MARTINSVILLE, VA 24112
Owner/Operator Country : US
Owner/Operator Telephone : 276-956-0718
Owner/Operator Email : AKERSJ@RADIAL.COM

Map Id: 55
Direction: NNE
Distance: 0.145 mi.
Actual: 764.230 ft.
Elevation: 0.139 mi. / 735.643 ft.
Relative: Higher

Site Name : RADIAL, LLC
3375 JOSEPH MARTIN HIGHWAY
MARTINSVILLE, VA 24112

Database(s) : [RCRA_SQG] ***(cont.)***

Envirosite ID: 415039203
EPA ID: VAR000534495

RCRA_SQG ***(cont.)***

Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	08/21/2016
Owner/Operator End Date :	N/R

Owner/Operator Name :	RADIAL, LLC
Owner/Operator Address :	3375 JOSEPH MARTIN HIGHWAY, MARTINSVILLE, VA 24112
Owner/Operator Country :	US
Owner/Operator Telephone :	276-956-0718
Owner/Operator Email :	AKERSJ@RADIAL.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	08/21/2016
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Hazardous Waste Summary

Waste Code / Name :	D007 - CHROMIUM

Notices of Violations Summary

Regulation Violated :	N

Map Id: M56
Direction: NE
Distance: 0.149 mi.
Actual: 788.675 ft.
Elevation: 0.134 mi. / 705.361 ft.
Relative: Lower

Site Name : BRANSCOME KENNETH PROPERTY
301 MARROWBONE CIR
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24832431
EPA ID: N/R

LPT - VA

Facility Name :	Branscome Kenneth Property
Facility Address :	301 Marrowbone Cir, Ridgeway, VA 24148
County :	Henry County
Release Reported :	11/12/2013
PC Number :	20142200
CEDS Facility ID :	200000873218
Case Status :	Closed
Case Closed Date :	11/20/2014
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6123436867064
Longitude :	-79.8576425130141
Last Date in Agency List :	11/16/2018

Map Id: N57
Direction: NE
Distance: 0.158 mi.
Actual: 832.557 ft.
Elevation: 0.153 mi. / 806.296 ft.
Relative: Higher

Site Name : WARREN TRUCKING CO INC
443 OLD SAND ROAD
RIDGEWAY, VA 24115

Database(s) : [UST - VA]

Envirosite ID: 14438371
EPA ID: N/R

UST - VA

Facility Name :	WARREN TRUCKING CO INC
Facility Address :	443 Old Sand Road, Ridgeway, VA 24115
County :	Henry County

Site Details

Facility ID :	2006546
Facility Type :	TRUCKING/TRANSPORT
CEDS Facility ID :	200000089279
Region Code :	BRROR

Map Id: N57
Direction: NE
Distance: 0.158 mi.
Actual: 832.557 ft.
Elevation: 0.153 mi. / 806.296 ft.
Relative: Higher

Site Name : WARREN TRUCKING CO INC
443 OLD SAND ROAD
RIDGEWAY, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14438371
EPA ID: N/R

UST - VA ***(cont.)***

Tank Information

Install Date :	06/01/1971
Date Closed :	10/17/1995
Tank Number :	R2
Tank Status :	REM FROM GRD
Tank Owner ID :	32979
Tank Type :	UST
Capacity :	2000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	R2
Tank Owner ID :	32979
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	06/01/1971
Date Closed :	10/17/1998
Tank Number :	R1
Tank Status :	REM FROM GRD
Tank Owner ID :	32979
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	Y
Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	R1
Tank Owner ID :	32979
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N

Map Id: N57
Direction: NE
Distance: 0.158 mi.
Actual: 832.557 ft.
Elevation: 0.153 mi. / 806.296 ft.
Relative: Higher

Site Name : WARREN TRUCKING CO INC
443 OLD SAND ROAD
RIDGEWAY, VA 24115

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14438371
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: L58
Direction: NNE
Distance: 0.172 mi.
Actual: 908.116 ft.
Elevation: 0.143 mi. / 753.619 ft.
Relative: Higher

Site Name : BOWLES E-BAY WAREHOUSES
3379 JOSEPH MARTIN HIGHWAY
MARTINSVILLE, VA 24112

Database(s) : [LPT - VA]

Envirosite ID: 337395503
EPA ID: N/R

LPT - VA

Facility Name :	Bowles E-Bay Warehouses
Facility Address :	3379 Joseph Martin Highway, Martinsville, VA 24112
County :	Henry County
Release Reported :	03/30/2016
PC Number :	20162310
CEDS Facility ID :	200000082971
Case Status :	N/R
Case Closed Date :	04/07/2016
Region :	WCRO
Program :	N/R
Heating Oil Category :	Category 3
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	N/R
Latitude :	36.6044800003124
Longitude :	-79.8792899997464

Map Id: L58
Direction: NNE
Distance: 0.172 mi.
Actual: 908.116 ft.
Elevation: 0.143 mi. / 753.619 ft.
Relative: Higher

Site Name : BOWLES E-BAY WAREHOUSES
3379 JOSEPH MARTIN HIGHWAY
MARTINSVILLE, VA 24112

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 337395503
EPA ID: N/R

LPT - VA ***(cont.)***

Last Date in Agency List :	11/16/2018

Map Id: N59
Direction: NE
Distance: 0.188 mi.
Actual: 991.556 ft.
Elevation: 0.152 mi. / 804.304 ft.
Relative: Higher

Site Name : VIRGINIA GLASS PRODUCTS CORPORATION
347 OLD SAND ROAD
RIDGEWAY, VA

Database(s) : [ARCHIVED VRP - VA]

Envirosite ID: 325583650
EPA ID: N/R

ARCHIVED VRP - VA

Certification Date :	N/R
Eligible Reg :	N/R
Eligible RP :	N/R
Eligible VRP :	N/R
Eligible OWP :	N/R
Eligible Notes :	N/R
Agreement Execution Date :	N/R
Agreement Sub :	N/R
Action Completed :	12/12/2002
BF Tax :	N/R
CA Description :	N/R
Case Manager :	N/R
CERCLIS Number :	N/R
Comp R CCR :	N/R
CR Sub Number :	N/R
DEQ Region :	N/R
Date Due :	N/R
Fee PD Date :	N/R
Fee Amount :	N/R
GW Metal :	N/R
GW Org :	N/R
LSTACT Date :	N/R
LSTACT Description :	N/R
Land Use Controls :	NONE
Next Step :	N/R
NFA to PRP :	N/R
NFA VRP :	N/R
NFAVRP Description :	N/R
Operator Name :	N/R
Owner Name :	W. Christopher Beeler, Jr.
Owner POC :	N/R
Owner POC Address :	N/R
Owner POC PH :	N/R
Sub 1 Date :	N/R
Sub 1 Title :	N/R
Sub 2 Date :	N/R
Sub 2 Title :	N/R
Sub 3 Date :	N/R
Sub 3 Title :	N/R
Sub 4 Date :	N/R

Map Id: N59
Direction: NE
Distance: 0.188 mi.
Actual: 991.556 ft.
Elevation: 0.152 mi. / 804.304 ft.
Relative: Higher

Site Name : VIRGINIA GLASS PRODUCTS CORPORATION
347 OLD SAND ROAD
RIDGEWAY, VA

Database(s) : [ARCHIVED VRP - VA] ***(cont.)***

Envirosite ID: 325583650
EPA ID: N/R

ARCHIVED VRP - VA ***(cont.)***

Sub 4 Title :	N/R
Sub 5 Date :	N/R
Sub 5 Title :	N/R
Sub 6 Date :	N/R
Sub 6 Title :	N/R
Sub 7 Date :	N/R
Sub 7 Title :	N/R
Sub 8 Date :	N/R
Sub 8 Title :	N/R
PNDG Since :	N/R
POL CMP Number :	N/R
RA Sub Number :	N/R
RA WP CCR :	N/R
RCRA Number :	N/R
REL to SIT :	N/R
Rep Name :	N/R
Rep Address :	N/R
Rep Phone :	N/R
Rep Title :	N/R
Rep Affiliate :	N/R
RP Name :	N/R
RP Address :	N/R
RP Phone :	N/R
RP Title :	N/R
RP Affiliate :	N/R
RP POC :	N/R
RSPS in Number :	N/R
SC CCR :	N/R
SC Sub Number :	N/R
Site Type :	Land Disposal
Size Acres :	20
Soil Metal :	N/R
Soil Org :	N/R
VRP95STAT1 :	N/R
VRP95STAT2 :	N/R
VRP Number :	VRP00323
Latitude :	0.00
Longitude :	0.00
Notes :	N/R

Map Id: N60
Direction: NE
Distance: 0.192 mi.
Actual: 1014.451 ft.
Elevation: 0.152 mi. / 804.629 ft.
Relative: Higher

Site Name : VIRGINIA GLASS PRODUCTS CORPORATION
347 OLD SAND RD
RIDGEWAY, VA 24148

Database(s) : [I C - VA, VRP - VA]

Envirosite ID: 399087804
EPA ID: N/R

I C - VA

Facility Name :	Virginia Glass Products Corporation

Map Id: N60
Direction: NE
Distance: 0.192 mi.
Actual: 1014.451 ft.
Elevation: 0.152 mi. / 804.629 ft.
Relative: Higher

Site Name : VIRGINIA GLASS PRODUCTS CORPORATION
347 OLD SAND RD
RIDGEWAY, VA 24148

Database(s) : [I C - VA, VRP - VA] ***(cont.)***

Envirosite ID: 399087804
EPA ID: N/R

I C - VA ***(cont.)***

Facility Address :	347 Old Sand Rd, RIDGEWAY, VA 24148
County :	Henry County
Certificate Date :	12/12/2002
VRP Number :	VRP00323
VRP 95 Stat 1 :	Certificate Issued
VRP 95 Stat 2 :	Recordation Not Required
DEQ Region :	Blue Ridge
Size Acres :	20
Site Type :	Land Disposal
Owner Name :	W. Christopher Beeler, Jr.
Owner POC :	N/R
Own POC AD :	N/R
Own POC PH :	N/R
Operator Name :	N/R
Operator POC :	N/R
Operator PH :	N/R
RP Title :	Chairman, President & CEO
RP Name :	Virginia Glass Products Corporation
RP Address :	P.O. Box 5431, 300 South Moss Street (24112), Martinsville, VA 24115
RP Phone :	N/R
RP POC :	W. Christopher Beeler, Jr.
RP Affiliation :	Virginia Mirror Company, Incorporated
Rel to Sit :	N/R
Add Parts :	N/R
Rep Title :	Esq.
Rep Name :	Channing Martin
Rep Address :	1021 East Cary Street, Richmond, VA 23219
Rep Phone :	804 783-6422
Rep Affiliation :	Williams Mullen
Soil Metal :	lead
Soil Org :	TPH
GW Metal :	N/R
GW Org :	N/R
Case Mgr :	ESD
Clean STDs :	Tier II
NFA VRP :	N/R
NFA to PRP :	N/R
Deed Recorded :	N/R
NFAVRP Description :	N/R
Eligible RP :	05/06/2002
Eligible REG :	05/29/2002
Eligible OWP :	N/R
Eligible VRP :	06/17/2002
Eligible Notes :	Eligibility memo sent to RO May 8,2002
Agreement Sub :	N/R
Agreement Execution Date :	N/R
Fee Amount :	$100.00
Fee Payment Date :	06/24/2002
SUB 1 Date :	05/06/2002
SUB 1 Title :	Subsurface Exploration & Sampling Program
SUB 2 Date :	N/R
SUB 2 Title :	N/R
SUB 3 Date :	N/R
SUB 3 Title :	N/R

Map Id: N60
Direction: NE
Distance: 0.192 mi.
Actual: 1014.451 ft.
Elevation: 0.152 mi. / 804.629 ft.
Relative: Higher

Site Name : VIRGINIA GLASS PRODUCTS CORPORATION
347 OLD SAND RD
RIDGEWAY, VA 24148

Database(s) : [I C - VA, VRP - VA] ***(cont.)***

Envirosite ID: 399087804
EPA ID: N/R

I C - VA ***(cont.)***

SUB 4 Date :	N/R
SUB 4 Title :	N/R
SUB 5 Date :	N/R
SUB 5 Title :	N/R
SUB 6 Date :	N/R
SUB 6 Title :	N/R
SUB 7 Date :	N/R
SUB 7 Title :	N/R
SUB 8 Date :	N/R
SUB 8 Title :	N/R
SC Sub Number :	N/R
SC CCR :	N/R
RA Sub Number :	N/R
RA WP CCR :	N/R
CR Sub Number :	N/R
COMP R CCR :	N/R
CA Description :	N/R
RSPS in Number :	N/R
CERCLIS Number :	N/R
RCRA Number :	N/R
POL CMP Number :	N/R
LSTACT Date :	N/R
LSTACT Description :	N/R
Next Step :	N/R
PNDG Since :	N/R
Due Date :	N/R
GW Use :	FALSE
RES RES :	FALSE
EX RES :	FALSE
UNRES :	TRUE
Other Condition :	FALSE
BF Tax :	N/R
Inspection Date :	N/R
GPS Latitude :	36.62596
GPS Longitude :	-79.85382
GPS Description :	No inspection. Coordinates from Geocode.com.
Phase 1 Date Paid :	N/R
Phase 2 Date Paid :	N/R
Phase 3 Date Paid year 2015 :	N/R
Phase 3 Date Paid year 2016 :	N/R
Phase 3 Date Paid year 2017 :	N/R
Re-Enrollment Fee :	N/R
Dec Date :	N/R
Dec Rec :	N/R
Dec Ins Num :	N/R
Cert Inst Num :	N/R
Date App Comp :	N/R
Latitude :	36.6259
Longitude :	-79.85379
Temp Address Notes :	N/R
Notes :	N/R
Last Date in Agency List :	12/27/2018

VRP - VA

Facility Name :	Virginia Glass Products Corporation

Map Id: N60
Direction: NE
Distance: 0.192 mi.
Actual: 1014.451 ft.
Elevation: 0.152 mi. / 804.629 ft.
Relative: Higher

Site Name : VIRGINIA GLASS PRODUCTS CORPORATION
347 OLD SAND RD
RIDGEWAY, VA 24148

Database(s) : [I C - VA, VRP - VA] ***(cont.)***

Envirosite ID: 399087804
EPA ID: N/R

VRP - VA ***(cont.)***

Facility Address :	347 Old Sand Rd, RIDGEWAY, VA 24148
County :	Henry County

Site Details

Certificate Date :	12/12/2002
VRP Number :	VRP00323
VRP 95 Stat 1 :	Certificate Issued
VRP 95 Stat 2 :	Recordation Not Required
DEQ Region :	Blue Ridge
Size Acres :	20
Site Type :	Land Disposal
Owner Name :	W. Christopher Beeler, Jr.
Owner POC :	N/R
Own POC AD :	N/R
Own POC PH :	N/R
Operator Name :	N/R
Operator POC :	N/R
Operator PH :	N/R
RP Title :	Chairman, President & CEO
RP Name :	Virginia Glass Products Corporation
RP Address :	P.O. Box 5431, 300 South Moss Street (24112), Martinsville, VA 24115
RP Phone :	N/R
RP POC :	W. Christopher Beeler, Jr.
RP Affiliation :	Virginia Mirror Company, Incorporated
Rel to Sit :	N/R
Add Parts :	N/R
Rep Title :	Esq.
Rep Name :	Channing Martin
Rep Address :	1021 East Cary Street, Richmond, VA 23219
Rep Phone :	804 783-6422
Rep Affiliation :	Williams Mullen
Soil Metal :	lead
Soil Org :	TPH
GW Metal :	N/R
GW Org :	N/R
Case Mgr :	ESD
Clean STDs :	Tier II
NFA VRP :	N/R
NFA to PRP :	N/R
Deed Recorded :	N/R
NFAVRP Description :	N/R
Eligible RP :	05/06/2002
Eligible REG :	05/29/2002
Eligible OWP :	N/R
Eligible VRP :	06/17/2002
Eligible Notes :	Eligibility memo sent to RO May 8,2002
Agreement Sub :	N/R
Agreement Execution Date :	N/R
Fee Amount :	$100.00
Fee Payment Date :	06/24/2002
SUB 1 Date :	05/06/2002
SUB 1 Title :	Subsurface Exploration & Sampling Program
SUB 2 Date :	N/R
SUB 2 Title :	N/R

Map Id: N60
Direction: NE
Distance: 0.192 mi.
Actual: 1014.451 ft.
Elevation: 0.152 mi. / 804.629 ft.
Relative: Higher

Site Name : VIRGINIA GLASS PRODUCTS CORPORATION
347 OLD SAND RD
RIDGEWAY, VA 24148

Database(s) : [I C - VA, VRP - VA] ***(cont.)***

Envirosite ID: 399087804
EPA ID: N/R

VRP - VA ***(cont.)***

SUB 3 Date :	N/R
SUB 3 Title :	N/R
SUB 4 Date :	N/R
SUB 4 Title :	N/R
SUB 5 Date :	N/R
SUB 5 Title :	N/R
SUB 6 Date :	N/R
SUB 6 Title :	N/R
SUB 7 Date :	N/R
SUB 7 Title :	N/R
SUB 8 Date :	N/R
SUB 8 Title :	N/R
SC Sub Number :	N/R
SC CCR :	N/R
RA Sub Number :	N/R
RA WP CCR :	N/R
CR Sub Number :	N/R
COMP R CCR :	N/R
CA Description :	N/R
RSPS in Number :	N/R
CERCLIS Number :	N/R
RCRA Number :	N/R
POL CMP Number :	N/R
LSTACT Date :	N/R
LSTACT Description :	N/R
Next Step :	N/R
PNDG Since :	N/R
Due Date :	N/R
GW Use :	FALSE
RES RES :	FALSE
EX RES :	FALSE
UNRES :	TRUE
Other Condition :	FALSE
BF Tax :	N/R
Inspection Date :	N/R
GPS Latitude :	36.62596
GPS Longitude :	-79.85382
GPS Description :	No inspection. Coordinates from Geocode.com.
Phase 1 Date Paid :	N/R
Phase 2 Date Paid :	N/R
Phase 3 Date Paid year 2015 :	N/R
Phase 3 Date Paid year 2016 :	N/R
Phase 3 Date Paid year 2017 :	N/R
Re-Enrollment Fee :	N/R
Dec Date :	N/R
Dec Rec :	N/R
Dec Ins Num :	N/R
Cert Inst Num :	N/R
Date App Comp :	N/R
Latitude :	36.6259
Longitude :	-79.85379
Temp Address Notes :	N/R
Notes :	N/R
Last Date in Agency List :	12/27/2018

Map Id: N61
Direction: NE
Distance: 0.192 mi.
Actual: 1014.451 ft.
Elevation: 0.152 mi. / 804.629 ft.
Relative: Higher

Site Name : VIRGINIA GLASS PRODUCTS CORP
347 OLD SAND ROAD
RIDGEWAY, VA 24148

Database(s) : [RCRA_CESQG]

Envirosite ID: 414429854
EPA ID: VAD981731169

RCRA_CESQG

Facility Name :	VIRGINIA GLASS PRODUCTS CORP
Facility Address :	347 OLD SAND ROAD, RIDGEWAY, VA 24148
County :	HENRY
Date Form Received by Agency :	05/13/2013
EPA ID :	VAD981731169
Mailing Address :	PO BOX 5431, MARTINSVILLE, VA 24115
Contact :	RODNEY KEATTS
Contact Address :	PO BOX 5431, MARTINSVILLE, VA 24115
Contact Country :	US
Contact Telephone :	276-956-3131
Contact Email :	RKEATTS@VA-MIRROR.COM
EPA Region :	03
Land Type :	Private
Source Type :	Notification
Classification :	Conditionally Exempt Small Quantity Generator

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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 :	VIRGINIA MIRROR COMPANY INC
Owner/Operator Address :	PO BOX 5431, MARTINSVILLE, VA 24115
Owner/Operator Country :	US
Owner/Operator Telephone :	276-632-9816
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	01/01/1983
Owner/Operator End Date :	N/R

Owner/Operator Name :	VIRGINIA MIRROR COMPANY INC
Owner/Operator Address :	N/R
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	10/28/1956
Owner/Operator End Date :	N/R

Map Id: N61
Direction: NE
Distance: 0.192 mi.
Actual: 1014.451 ft.
Elevation: 0.152 mi. / 804.629 ft.
Relative: Higher

Site Name : VIRGINIA GLASS PRODUCTS CORP
347 OLD SAND ROAD
RIDGEWAY, VA 24148

Database(s) : [RCRA_CESQG] ***(cont.)***

Envirosite ID: 414429854
EPA ID: VAD981731169

RCRA_CESQG ***(cont.)***

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	19870377
Facility Name :	VIRGINIA GLASS PRODUCTS CORP
Classification :	Small Quantity Generator

Hazardous Waste Summary

Waste Code / Name :

D001 - IGNITABLE WASTE
D007 - CHROMIUM
D008 - LEAD
F003 - 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.
F005 - THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Notices of Violations Summary

Date of Violation :	20130492
Date Achieved Compliance :	20130492
Regulation Violated :	Y
Area of Violation :	Universal Waste - Small Quantity Handlers

Map Id: N61
Direction: NE
Distance: 0.192 mi.
Actual: 1014.451 ft.
Elevation: 0.152 mi. / 804.629 ft.
Relative: Higher

Site Name : VIRGINIA GLASS PRODUCTS CORP
347 OLD SAND ROAD
RIDGEWAY, VA 24148

Database(s) : [RCRA_CESQG] ***(cont.)***

Envirosite ID: 414429854
EPA ID: VAD981731169

RCRA_CESQG ***(cont.)***

Enforcement Action :	VERBAL INFORMAL
Enforcement Action Date :	04/11/2013
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Evaluation Action Summary

Evaluation Date :	20130492
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	Universal Waste - Small Quantity Handlers
Date Achieved Compliance :	20130492
Evaluation Lead Agency :	State

Map Id: 62
Direction: NE
Distance: 0.192 mi.
Actual: 1014.676 ft.
Elevation: 0.154 mi. / 814.56 ft.
Relative: Higher

Site Name : TRIWOOD INC
680 OLD SAND ROAD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA]

Envirosite ID: 13224310
EPA ID: N/R

AST - VA

Facility Name :	TRIWOOD INC
Facility Address :	680 Old Sand Road, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2004398
Facility Type :	INDUSTRIAL
CEDS Facility ID :	200000082897
Region Code :	BRROR
Last Date in Agency List :	12/17/2018

Tank Information

Install Date :	N/R
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	27240
Tank Type :	AST
Capacity :	1000
Federally Regulated Tank :	N

Map Id: 62
Direction: NE
Distance: 0.192 mi.
Actual: 1014.676 ft.
Elevation: 0.154 mi. / 814.56 ft.
Relative: Higher

Site Name : TRIWOOD INC
680 OLD SAND ROAD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 13224310
EPA ID: N/R

AST - VA ***(cont.)***

Contents :	DIESEL
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	27240
Tank Material Bare Steel :	Y
Tank Material Insulated Steel :	N
Tank Material Concrete Coated/Concrete Vault:	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Type Cathodic/CP :	N
Tank Type Single Wall :	N
Tank Type Double Wall :	N
Tank Type Lined Interior :	N
Tank Type Double Bottom :	N
Tank Type Portable/Skid :	N
Tank Type Shop Fabricated/Built :	N
Tank Type Vaulted Below Grade :	N
Tank Type Vertical :	N
Tank Type Horizontal :	N
Tank Type Unknown :	N
Tank Type Other :	N
Tank Type Other Notes :	N/R

UST - VA

Facility Name :	TRIWOOD INC
Facility Address :	680 Old Sand Road, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2004398
Facility Type :	INDUSTRIAL
CEDS Facility ID :	200000082897
Region Code :	BRROR

Tank Information

Install Date :	04/18/1973
Date Closed :	08/23/1989
Tank Number :	R1
Tank Status :	REM FROM GRD
Tank Owner ID :	27240
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	N
Contents :	HEATING OIL
Other Contents :	N/R

Map Id: 62
Direction: NE
Distance: 0.192 mi.
Actual: 1014.676 ft.
Elevation: 0.154 mi. / 814.56 ft.
Relative: Higher

Site Name : TRIWOOD INC
680 OLD SAND ROAD
RIDGEWAY, VA 24148

Database(s) : [AST - VA, UST - VA] ***(cont.)***

Envirosite ID: 13224310
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Information

Tank Number :	R1
Tank Owner ID :	27240
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	04/18/1973
Date Closed :	08/23/1989
Tank Number :	R2
Tank Status :	REM FROM GRD
Tank Owner ID :	27240
Tank Type :	UST
Capacity :	10000
Federally Regulated Tank :	N
Contents :	HEATING OIL
Other Contents :	N/R

Tank Material Information

Tank Number :	R2
Tank Owner ID :	27240
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: 63
Direction: NNE
Distance: 0.196 mi.
Actual: 1035.061 ft.
Elevation: 0.14 mi. / 736.591 ft.
Relative: Higher

Site Name : VEHICLE ACCIDENT INTO CREEK
1766 JOSEPH MARTIN HWY
MARTINSVILLE, VA 24112

Database(s) : [LPT - VA]

Envirosite ID: 362632973
EPA ID: N/R

LPT - VA

Facility Name :	Vehicle Accident into Creek
Facility Address :	1766 Joseph Martin Hwy, Martinsville, VA 24112
County :	Martinsville City
Release Reported :	12/22/2017
PC Number :	20182150
CEDS Facility ID :	200000886297
Case Status :	Closed
Case Closed Date :	03/05/2018
Region :	WCRO
Program :	State Lead
Heating Oil Category :	N/R
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	Y
Other Description :	Article 11
Unknown (Y/N) :	N
Priority :	1
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6272610000863
Longitude :	-79.8816120001271
Last Date in Agency List :	11/16/2018

Map Id: O64
Direction: NE
Distance: 0.204 mi.
Actual: 1076.561 ft.
Elevation: 0.133 mi. / 703.143 ft.
Relative: Lower

Site Name : SMITH CHRISTINE RESIDENCE
219 COVINGTON LN
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24833316
EPA ID: N/R

LPT - VA

Facility Name :	Smith Christine Residence
Facility Address :	219 Covington Ln, Ridgeway, VA 24148
County :	Henry County
Release Reported :	04/16/2013
PC Number :	20132318
CEDS Facility ID :	200000859378
Case Status :	Closed
Case Closed Date :	06/04/2013
Region :	WCRO

Map Id: O64
Direction: NE
Distance: 0.204 mi.
Actual: 1076.561 ft.
Elevation: 0.133 mi. / 703.143 ft.
Relative: Lower

Site Name : SMITH CHRISTINE RESIDENCE
219 COVINGTON LN
RIDGEWAY, VA 24148

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 24833316
EPA ID: N/R

LPT - VA ***(cont.)***

Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6102823988714
Longitude :	-79.856983803569
Last Date in Agency List :	11/16/2018

Map Id: 65
Direction: NNE
Distance: 0.223 mi.
Actual: 1177.753 ft.
Elevation: 0.14 mi. / 738.858 ft.
Relative: Higher

Site Name : ORSINA ROBERT RESIDENCE
426 DEVINSHIRE DR
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24832518
EPA ID: N/R

LPT - VA

Facility Name :	Orsina Robert Residence
Facility Address :	426 Devinshire Dr, Ridgeway, VA 24148
County :	Henry County
Release Reported :	09/20/2013
PC Number :	20142112
CEDS Facility ID :	200000860327
Case Status :	Closed
Case Closed Date :	01/06/2014
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	Y
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N

Map Id: 65
Direction: NNE
Distance: 0.223 mi.
Actual: 1177.753 ft.
Elevation: 0.14 mi. / 738.858 ft.
Relative: Higher

Site Name : ORSINA ROBERT RESIDENCE
426 DEVINSHIRE DR
RIDGEWAY, VA 24148

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 24832518
EPA ID: N/R

LPT - VA ***(cont.)***

Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6136745428562
Longitude :	-79.8654499508114
Last Date in Agency List :	11/16/2018

Map Id: 66
Direction: ENE
Distance: 0.240 mi.
Actual: 1268.150 ft.
Elevation: 0.171 mi. / 901.9 ft.
Relative: Higher

Site Name : W C EANES CONSTRUCTION COMPANY
25 ELLSWORTH CT
RIDGEWAY, VA 24148

Database(s) : [UST - VA]

Envirosite ID: 14439558
EPA ID: N/R

UST - VA

Facility Name :	W C Eanes Construction Company
Facility Address :	25 Ellsworth Ct, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2020797
Facility Type :	CONTRACTOR
CEDS Facility ID :	200000089272
Region Code :	BRROR

Tank Information

Install Date :	05/13/1981
Date Closed :	N/R
Tank Number :	1
Tank Status :	PERM OUT OF USE
Tank Owner ID :	31787
Tank Type :	UST
Capacity :	N/R
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	31787
Tank Material Asphalt/Bare Steel :	Y
Tank Material CCP/STI-P3 :	N

Map Id: 66
Direction: ENE
Distance: 0.240 mi.
Actual: 1268.150 ft.
Elevation: 0.171 mi. / 901.9 ft.
Relative: Higher

Site Name : W C EANES CONSTRUCTION COMPANY
25 ELLSWORTH CT
RIDGEWAY, VA 24148

Database(s) : [UST - VA] ***(cont.)***

Envirosite ID: 14439558
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	N/R
Tank Materials Epoxy Steel :	N/R

Map Id: 67
Direction: NE
Distance: 0.264 mi.
Actual: 1394.403 ft.
Elevation: 0.176 mi. / 928.12 ft.
Relative: Higher

Site Name : KELLUM JAMES RESIDENCE
115 SUMMIT RIDGE RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24830878
EPA ID: N/R

LPT - VA

Facility Name :	Kellum James Residence
Facility Address :	115 Summit Ridge Rd, Ridgeway, VA 24148
County :	Henry County
Release Reported :	02/10/2015
PC Number :	20152313
CEDS Facility ID :	200000879848
Case Status :	Closed
Case Closed Date :	03/10/2015
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	Y
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	N/R
Suspect Confirm Indicator :	Confirmed

Map Id: 67
Direction: NE
Distance: 0.264 mi.
Actual: 1394.403 ft.
Elevation: 0.176 mi. / 928.12 ft.
Relative: Higher

Site Name : KELLUM JAMES RESIDENCE
115 SUMMIT RIDGE RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 24830878
EPA ID: N/R

LPT - VA ***(cont.)***

Latitude :	36.5826480569147
Longitude :	-79.8564978446447
Last Date in Agency List :	11/16/2018

Map Id: O68
Direction: NE
Distance: 0.286 mi.
Actual: 1508.742 ft.
Elevation: 0.143 mi. / 755.236 ft.
Relative: Higher

Site Name : NANCE DON RESIDENCE
129 SHEFFIELD RD
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 349165072
EPA ID: N/R

LPT - VA

Facility Name :	Nance Don Residence
Facility Address :	129 Sheffield Rd, Ridgeway, VA 24148
County :	Henry County
Release Reported :	06/26/2017
PC Number :	20172312
CEDS Facility ID :	200000885262
Case Status :	Closed
Case Closed Date :	09/14/2017
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 1
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6087869997611
Longitude :	-79.8554619999856
Last Date in Agency List :	11/16/2018

Map Id: 69
Direction: NNE
Distance: 0.295 mi.
Actual: 1559.623 ft.
Elevation: 0.156 mi. / 822.014 ft.
Relative: Higher

Site Name : JIMMIE FORD RESIDENCE
65 MONTROSE AVE
MARTINSVILLE, VA 24112

Database(s) : [LPT - VA]

Envirosite ID: 362632844
EPA ID: N/R

LPT - VA

Facility Name :	Jimmie Ford Residence
Facility Address :	65 Montrose Ave, Martinsville, VA 24112
County :	Henry County
Release Reported :	01/19/2018
PC Number :	20182154
CEDS Facility ID :	200000886337
Case Status :	Closed
Case Closed Date :	03/08/2018
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 1
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6350439997865
Longitude :	-79.877481000275
Last Date in Agency List :	11/16/2018

Map Id: 70
Direction: NE
Distance: 0.324 mi.
Actual: 1708.483 ft.
Elevation: 0.172 mi. / 908.173 ft.
Relative: Higher

Site Name : DAN PACE RESIDENCE
55 WALNUT DALE
RIDGEWAY, VA 24148

Database(s) : [LPT - VA]

Envirosite ID: 24832558
EPA ID: N/R

LPT - VA

Facility Name :	Dan Pace Residence
Facility Address :	55 Walnut Dale, Ridgeway, VA 24148
County :	Henry County
Release Reported :	08/27/2013
PC Number :	20142071
CEDS Facility ID :	200000860204
Case Status :	Closed
Case Closed Date :	12/19/2013
Region :	WCRO

Map Id: 70
Direction: NE
Distance: 0.324 mi.
Actual: 1708.483 ft.
Elevation: 0.172 mi. / 908.173 ft.
Relative: Higher

Site Name : DAN PACE RESIDENCE
55 WALNUT DALE
RIDGEWAY, VA 24148

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 24832558
EPA ID: N/R

LPT - VA ***(cont.)***

Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	2
Suspect Confirm Indicator :	Confirmed
Latitude :	36.5756011431271
Longitude :	-79.8762748548009
Last Date in Agency List :	11/16/2018

Map Id: O71
Direction: NE
Distance: 0.366 mi.
Actual: 1930.382 ft.
Elevation: 0.15 mi. / 791.437 ft.
Relative: Higher

Site Name : JAMES MCMILLAN RESIDENCE
229 SHEFFIELD DR
RIDEWAY, VA 24089

Database(s) : [LPT - VA]

Envirosite ID: 353256312
EPA ID: N/R

LPT - VA

Facility Name :	James McMillan Residence
Facility Address :	229 Sheffield Dr, Rideway, VA 24089
County :	Henry County
Release Reported :	05/09/2014
PC Number :	20142401
CEDS Facility ID :	200000875811
Case Status :	Closed
Case Closed Date :	07/02/2014
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 1
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	Y
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N

Map Id: O71
Direction: NE
Distance: 0.366 mi.
Actual: 1930.382 ft.
Elevation: 0.15 mi. / 791.437 ft.
Relative: Higher

Site Name : JAMES MCMILLAN RESIDENCE
229 SHEFFIELD DR
RIDEWAY, VA 24089

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 353256312
EPA ID: N/R

LPT - VA ***(cont.)***

Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6077356431147
Longitude :	-79.8543069363118
Last Date in Agency List :	11/16/2018

Map Id: 72
Direction: ENE
Distance: 0.427 mi.
Actual: 2254.407 ft.
Elevation: 0.18 mi. / 949.587 ft.
Relative: Higher

Site Name : RIDGEWAY MART
700 Morehead Ave
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA]

Envirosite ID: 7363433
EPA ID: N/R

LPT - VA

Facility Name :	RIDGEWAY MART
Facility Address :	700 Morehead Ave, Ridgeway, VA 24148
County :	Henry County
Release Reported :	11/10/1993
PC Number :	19940810
CEDS Facility ID :	200000089763
Case Status :	Closed
Case Closed Date :	03/31/1995
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	N/R
Federally Regulated UST :	Y
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
Exempt 2 Heating Oil UST (2) :	N
Small Heating Oil AST (2) :	N
Regulated AST (3) :	N
Unregulated AST (3) :	N
Other (Y/N) :	N
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	2
Suspect Confirm Indicator :	Confirmed
Latitude :	36.5747194321832
Longitude :	-79.8524074091176
Last Date in Agency List :	11/16/2018

Map Id: 72
Direction: ENE
Distance: 0.427 mi.
Actual: 2254.407 ft.
Elevation: 0.18 mi. / 949.587 ft.
Relative: Higher

Site Name : RIDGEWAY MART
700 Morehead Ave
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7363433
EPA ID: N/R

UST - VA

Facility Name :	Ridgeway Mart
Facility Address :	700 Morehead Ave, Ridgeway, VA 24148
County :	Henry County

Site Details

Facility ID :	2022620
Facility Type :	GAS STATION
CEDS Facility ID :	200000089763
Region Code :	BRROR

Tank Information

Install Date :	05/23/1988
Date Closed :	N/R
Tank Number :	1
Tank Status :	CURR IN USE
Tank Owner ID :	46834
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	1
Tank Owner ID :	46834
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	STIP3
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/23/1988
Date Closed :	N/R
Tank Number :	2
Tank Status :	CURR IN USE
Tank Owner ID :	46834
Tank Type :	UST

Map Id: 72
Direction: ENE
Distance: 0.427 mi.
Actual: 2254.407 ft.
Elevation: 0.18 mi. / 949.587 ft.
Relative: Higher

Site Name : RIDGEWAY MART
700 Morehead Ave
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7363433
EPA ID: N/R

UST - VA ***(cont.)***

Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	2
Tank Owner ID :	46834
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	STIP3
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/23/1988
Date Closed :	N/R
Tank Number :	3
Tank Status :	CURR IN USE
Tank Owner ID :	46834
Tank Type :	UST
Capacity :	6000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	3
Tank Owner ID :	46834
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N

Map Id: 72
Direction: ENE
Distance: 0.427 mi.
Actual: 2254.407 ft.
Elevation: 0.18 mi. / 949.587 ft.
Relative: Higher

Site Name : RIDGEWAY MART
700 Morehead Ave
Ridgeway, VA 24148

Database(s) : [LPT - VA, UST - VA] ***(cont.)***

Envirosite ID: 7363433
EPA ID: N/R

UST - VA ***(cont.)***

Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	STIP3
Tank Materials Epoxy Steel :	N/R

Tank Information

Install Date :	05/23/1988
Date Closed :	N/R
Tank Number :	4
Tank Status :	CURR IN USE
Tank Owner ID :	46834
Tank Type :	UST
Capacity :	1000
Federally Regulated Tank :	Y
Contents :	GASOLINE
Other Contents :	N/R

Tank Material Information

Tank Number :	4
Tank Owner ID :	46834
Tank Material Asphalt/Bare Steel :	N
Tank Material CCP/STI-P3 :	Y
Tank Material Composite :	N
Tank Material Fiberglass :	N
Tank Material Concrete :	N
Tank Material Impressed Current :	N
Tank Material Double Walled :	N
Tank Material Lined Interior :	N
Tank Material Excavation Liner :	N
Tank Material Polyethylene Tank Jacket:	N
Tank Material Secondary Containment :	N
Tank Material Repaired :	N
Tank Material Unknown :	N
Tank Material Other :	N
Tank Material Other Notes :	STIP3
Tank Materials Epoxy Steel :	N/R

Map Id: 73
Direction: NNE
Distance: 0.441 mi.
Actual: 2326.758 ft.
Elevation: 0.153 mi. / 807.936 ft.
Relative: Higher

Site Name : ADAMS WADDELL RESIDENCE
386 FISHER FARM RD
MARTINSVILLE, VA 24112

Database(s) : [LPT - VA]

Envirosite ID: 24832384
EPA ID: N/R

LPT - VA

Facility Name :	Adams Waddell Residence

Map Id: 73
Direction: NNE
Distance: 0.441 mi.
Actual: 2326.758 ft.
Elevation: 0.153 mi. / 807.936 ft.
Relative: Higher

Site Name : ADAMS WADDELL RESIDENCE
386 FISHER FARM RD
MARTINSVILLE, VA 24112

Database(s) : [LPT - VA] ***(cont.)***

Envirosite ID: 24832384
EPA ID: N/R

LPT - VA ***(cont.)***

Facility Address :	386 Fisher Farm Rd, Martinsville, VA 24112
County :	Henry County
Release Reported :	12/18/2013
PC Number :	20142248
CEDS Facility ID :	200000873502
Case Status :	Closed
Case Closed Date :	08/28/2014
Region :	WCRO
Program :	RP Lead
Heating Oil Category :	Category 2
Federally Regulated UST :	N
Regulated Petroleum UST (1) :	N
Excluded UST (1) :	N
Deferred UST (1) :	N
Partially Deferred UST (1) :	N
Exempt 1 UST (2) :	N
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
Other Description :	N/R
Unknown (Y/N) :	N
Priority :	3
Suspect Confirm Indicator :	Confirmed
Latitude :	36.6336219997447
Longitude :	-79.8620199998003
Last Date in Agency List :	11/16/2018

ENVIROSITE ID	NAME	ADDRESS	CITY	ZIP	DATABASE(S)
14439484	B&B MART #1	HWY 87	RIDGEWAY	24148	UST - VA
14437895	CONNER GLADYS B	RTE 3 BOX 791	RIDGEWAY	24148	UST - VA
14439197	DAN BAPTIST LUMBER COMPAN...	927 GARNETT RD	RIDGEWAY	24148	UST - VA
14438962	DREWERY MASON HIGH SCHOOL	RT 220 S	RIDGEWAY	24148	UST - VA
414429477	DREWRY MASON MIDDLE SCHOO...	HWY 220 SOUTH	RIDGEWAY	24148	ECHO, FRS, RCRA_CESQG
354124284	FISH KILL, PRIVATE POND	LEEFER CAMP RD?	RIDGEWAY	24148	Archived SPILLS - VA
14438622	HARDIES GROCERY	RTE 640	RIDGEWAY	24148	UST - VA
414431564	MAGNA VISTA HIGH SCHOOL	HWY 687	RIDGEWAY	24148	RCRA_CESQG
14438713	MULTITRADE GROUP - RIDGEW...	FRITH DR - MARTINSVILLE I...	RIDGEWAY	24148	UST - VA
14438731	PHILLIPS 66 CO #40408	RTE 2	RIDGEWAY	24148	UST - VA
1367463	SOUTHEASTERN ADHESIVES CO	SR 689	RIDGEWAY	24148	CERCLIS NFRAP, SEMS...
14439130	SPRINT RIDGEWAY CENTRAL O...	RTE 902	RIDGEWAY	24148	UST - VA
14439607	TATE UPHOLSTERY SERVICE	MAIN STREET	RIDGEWAY	24148	UST - VA
14438623	THOMAS J COX / COXS SERVI...	RTE 87	RIDGEWAY	24148	UST - VA

FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST

ARCHIVED RCRA TSDF: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

RCRA_TSDF: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

FEDERAL CERCLIS LIST

CERCLIS NFRAP: The CERCLIS sites with No Further Remedial Action Planned from the CERCLIS program database. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 07/26/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 01/21/2019

CERCLIS-HIST: The CERCLIS program database contains information on the assessment and remediation of federal hazardous waste sites. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 07/26/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 01/21/2019

FEDERAL FACILITY: Sites where Federal Facilities Restoration and Reuse Office (FFRRO) arranged cleanup for Base Closure and Property Transfer at Federal Facilities

Agency Version Date: 08/13/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8712
Most Recent Contact: 01/21/2019

SEMS_8R_ACTIVE SITES: The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. NPL sites include latitude and longitude information. For non-NPL sites, a brief site status is provided.

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

SEMS_8R_ARCHIVED SITES: The Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

FEDERAL RCRA CORRACTS FACILITIES LIST

CORRACTS: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 12/21/2018

HIST CORRACTS 2: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 12/21/2018

FEDERAL DELISTED NPL SITE LIST

DELISTED NPL: National Priority List of sites that were delisted and no longer require action

Agency Version Date: 10/31/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/19/2018

DELISTED PROPOSED NPL: Sites that have been delisted from the proposed National Priority List

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

SEMS_DELETED NPL: All Deleted National Priority List Sties

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

EPA LF MOP: Sites in the EPA Landfill Methane Outreach Program

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 02/25/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 12/17/2018

FEDERAL ERNS LIST

ERNS: Emergency Response Notification System records of reported spills

Agency Version Date: 11/14/2018
Agency Update Frequency: Annually
Planned Next Contact: 04/03/2019
Agency: National Response Center United States Coast Guard
Agency Contact: N/R
Most Recent Contact: 01/23/2019

FEDERAL RCRA GENERATORS LIST

HIST RCRA_CESQG: List of Resource Conservation and Recovery Act licensed conditionally exempt small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

FEDERAL RCRA GENERATORS LIST (cont.)

HIST RCRA_LQG: List of Resource Conservation and Recovery Act licensed large quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

HIST RCRA_NONGEN: List of Resource Conservation and Recovery Act licensed non-generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

HIST RCRA_SQG: List of Resource Conservation and Recovery Act licensed small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

RCRA_CESQG: Resource Conservation and Recovery Act listing of licensed conditionally exempt small quantity generators

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

RCRA_LQG: Resource Conservation and Recovery Act listing of licensed large quantity generators

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

RCRA_NONGEN: Resource Conservation and Recovery Act listing of licensed non-generators

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

RCRA_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

FEDERAL NPL SITE LIST

NPL: List of priority contaminated sites among identified releases or threatened releases of hazardous substances pollutants or contaminants nationally

Agency Version Date: 10/31/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

NPL EPA R1 GIS: Geospatial data for the Environmental Protection Agency Region 1 National Priority List subject to environmental regulation

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 01/21/2019

FEDERAL NPL SITE LIST (cont.)

NPL EPA R3 GIS: Geospatial data for the Environmental Protection Agency Region 3 National Priority List subject to environmental regulation

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 01/21/2019

NPL EPA R6 GIS: Geospatial data for the Environmental Protection Agency Region 6 National Priority List subject to environmental regulation

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 01/21/2019

NPL EPA R8 GIS: Geospatial data for the Environmental Protection Agency Region 8 National Priority List subject to environmental regulation

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 11/19/2018

NPL EPA R9 GIS: Geospatial data for the Environmental Protection Agency Region 9 National Priority List subject to environmental regulation

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 01/21/2019

PART NPL: Sites that are a part of an National Priority List site referred to as the parent site

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

PROPOSED NPL: Sites that have been proposed for the National Priority List

Agency Version Date: 10/31/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

SEMS_FINAL NPL: All Included National Priority List Sites

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

SEMS_PROPOSED NPL: All Proposed National Priority List Sites

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

RCRA IC_EC: Sites with institutional or engineering controls related to Resource Conservation and Recovery Act

Agency Version Date: 11/19/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/09/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/29/2019

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES (cont.)

Fed E C: Federal listing of remediation sites with engineering controls

Agency Version Date: 11/28/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/17/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 02/06/2019

Fed I C: Federal listing of remediation sites with institutional controls

Agency Version Date: 11/28/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/17/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 02/06/2019

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

FEMA UST: FEMA underground storage tank listing

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/15/2019
Agency: FEMA
Agency Contact: 202-212-5283
Most Recent Contact: 12/17/2018

INDIAN UST R1: Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 04/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2019
Agency: U.S. Environmental Protection Agency Region 1
Agency Contact: 855-246-3642
Most Recent Contact: 01/08/2019

INDIAN UST R10: Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 04/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/15/2019
Agency: U.S. Environmental Protection Agency Region 10
Agency Contact: 855-246-3642
Most Recent Contact: 02/04/2019

INDIAN UST R2: Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 12/07/2016
Agency Update Frequency: Quarterly
Planned Next Contact: 03/25/2019
Agency: U.S. Environmental Protection Agency Region 2
Agency Contact: 855-246-3642
Most Recent Contact: 01/14/2019

INDIAN UST R4: Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 05/08/2018
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/15/2019
Agency: U.S. Environmental Protection Agency Region 4
Agency Contact: 855-246-3642
Most Recent Contact: 02/04/2019

INDIAN UST R5: Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 04/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/04/2019
Agency: U.S. Environmental Protection Agency Region 5
Agency Contact: 855-246-3642
Most Recent Contact: 01/24/2019

INDIAN UST R6: Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 04/01/2018
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/18/2019
Agency: U.S. Environmental Protection Agency Region 6
Agency Contact: 855-246-3642
Most Recent Contact: 02/07/2019

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)

INDIAN UST R7: Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 04/24/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/04/2019
Agency: U.S. Environmental Protection Agency Region 7
Agency Contact: 855-246-3642
Most Recent Contact: 01/24/2019

INDIAN UST R8: Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 04/25/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2019
Agency: U.S. Environmental Protection Agency Region 8
Agency Contact: 855-246-3642
Most Recent Contact: 01/07/2019

INDIAN UST R9: Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 04/10/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2019
Agency: U.S. Environmental Protection Agency Region 9
Agency Contact: 855-246-3642
Most Recent Contact: 01/07/2019

AST - VA: Registered Aboveground Storage Tanks in Virginia

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/25/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 12/17/2018

UST - VA: Registered Underground Storage Tanks in Virginia

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/25/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 12/17/2018

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 04/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2019
Agency: U.S. Environmental Protection Agency Region 1
Agency Contact: 855-246-3642
Most Recent Contact: 01/08/2019

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 04/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/15/2019
Agency: U.S. Environmental Protection Agency Region 10
Agency Contact: 855-246-3642
Most Recent Contact: 02/04/2019

INDIAN LUST R2: Leaking Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 12/07/2016
Agency Update Frequency: Quarterly
Planned Next Contact: 03/25/2019
Agency: U.S. Environmental Protection Agency Region 2
Agency Contact: 855-246-3642
Most Recent Contact: 01/14/2019

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 05/08/2018
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/15/2019
Agency: U.S. Environmental Protection Agency Region 4
Agency Contact: 855-246-3642
Most Recent Contact: 02/04/2019

STATE AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 04/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/04/2019
Agency: U.S. Environmental Protection Agency Region 5
Agency Contact: 855-246-3642
Most Recent Contact: 01/24/2019

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 11/19/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/08/2019
Agency: U.S. Environmental Protection Agency Region 6
Agency Contact: 855-246-3642
Most Recent Contact: 01/28/2019

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 04/24/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/04/2019
Agency: U.S. Environmental Protection Agency Region 7
Agency Contact: 855-246-3642
Most Recent Contact: 01/24/2019

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 04/25/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: U.S. Environmental Protection Agency Region 8
Agency Contact: 855-246-3642
Most Recent Contact: 01/25/2019

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 04/10/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2019
Agency: U.S. Environmental Protection Agency Region 9
Agency Contact: 855-246-3642
Most Recent Contact: 01/07/2019

HIST LPT - VA: List of Petroleum Storage tanks with known releases that are no longer in current agency list.

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 01/25/2019

LPT - VA: Petroleum Storage tanks with known releases

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 01/25/2019

PRO LUST - VA: Piedmont Regional Office: Leaking Underground Storage Tanks

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 01/25/2019

SWRO LPT - VA: South Western Region : Leaking Petroleum Storage Tanks

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 01/25/2019

TRO LUST - VA: Tidewater Regional Office: Leaking Underground Storage Tanks

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 01/25/2019

STATE AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)

VRO LUST - VA: Valley Regional Office: Leaking Underground Storage Tanks

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 01/25/2019

STATE AND TRIBAL BROWNFIELD SITES

TRIBAL BROWNFIELDS: Tribal brownfield remediation site listing

Agency Version Date: 02/10/2014
Agency Update Frequency: Quarterly
Planned Next Contact: 03/04/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 12/06/2018

BROWNFIELDS - VA: List of brownfield sites

Agency Version Date: 01/10/2019
Agency Update Frequency: Varies
Planned Next Contact: 03/19/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4179
Most Recent Contact: 12/21/2018

STATE AND TRIBAL VOLUNTARY CLEANUP SITES

ARCHIVED VRP - VA: Archived Voluntary Remediation Program Sites

Agency Version Date: 01/13/2016
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 04/12/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4190
Most Recent Contact: 01/16/2019

VRP - VA: VRP Completed and Planned sites within Virginia

Agency Version Date: 12/26/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 12/21/2018

STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

I C - VA: Sites with institutional controls

Agency Version Date: 12/26/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 12/21/2018

STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

SWF/LF - VA: State Landfill locations

Agency Version Date: 06/08/2017
Agency Update Frequency: Annually
Planned Next Contact: 02/25/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 12/17/2018

LOCAL BROWNFIELD LISTS

BROWNFIELDS-ACRES: EPA Brownfields Assessment, Cleanup and Redevelopment Exchange System.

Agency Version Date: 12/06/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/25/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 02/14/2019

LOCAL BROWNFIELD LISTS (cont.)

Fed Brownfields: Federal brownfield remediation sites

Agency Version Date: 01/15/2019
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/26/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 01/15/2019

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

FED CDL: The U.S. Department of Justice listing of clandestine drug lab locations

Agency Version Date: 01/07/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2019
Agency: U.S. Department of Justice
Agency Contact: 202-307-7610
Most Recent Contact: 01/07/2019

US HIST CDL: The U.S. Department of Justice historical listing of clandestine drug lab locations

Agency Version Date: 01/07/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2019
Agency: U.S. Department of Justice
Agency Contact: 202-307-7610
Most Recent Contact: 01/07/2019

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES

HIST INDIAN ODI R8: List of Region 8 Indian land open dump inventory sites maintained within the STARS program that is no longer in current agency list.

Agency Version Date: 11/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Indian Health Service
Agency Contact: 855-246-3642
Most Recent Contact: 01/21/2019

INDIAN ODI R8: Region 8 Indian land open dump inventory sites maintained within the STARS program

Agency Version Date: 11/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Indian Health Service
Agency Contact: 855-246-3642
Most Recent Contact: 01/21/2019

ODI: Open dump inventory sites

Agency Version Date: 10/03/2017
Agency Update Frequency: No Update
Planned Next Contact: 04/16/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 02/05/2019

TRIBAL ODI: Indian land open dump inventory for all regions

Agency Version Date: 11/29/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/18/2019
Agency: Indian Health Service
Agency Contact: 301-443-3593
Most Recent Contact: 02/07/2019

RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT): Hazardous Material spills reported by the Department of Transportation

Agency Version Date: 12/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/20/2019
Agency: U.S. Department of Transportation
Agency Contact: (202) 366-4996
Most Recent Contact: 12/12/2018

RECORDS OF EMERGENCY RELEASE REPORTS (cont.)

ARCHIVED SPILLS - VA: The VA Department of Environment Qualitys Pollution Response Program responses to air, water, and waste pollution incidents prior to October 2009.

Agency Version Date: 12/18/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 02/26/2019
Agency: Department of Environmental Quality
Agency Contact: 804-698-4000
Most Recent Contact: 12/18/2018

SPILLS - VA: Oil and hazardous material spills report sites

Agency Version Date: 12/18/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 02/26/2019
Agency: Department of Environmental Quality
Agency Contact: 804-698-4000
Most Recent Contact: 12/18/2018

LOCAL LAND RECORDS

LIENS 2: Comprehensive Environmental Response Compensation and Liability Act sites with liens

Agency Version Date: 05/11/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 09/05/2018

OTHER ASCERTAINABLE RECORDS

AFS: Air Facility Systems Quarterly Extract

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/25/2019

BRS: Reporting of hazardous waste generation and management from large quantity generators

Agency Version Date: 12/17/2018
Agency Update Frequency: Biennial
Planned Next Contact: 03/01/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/21/2018

CDC HAZDAT: The Agency for Toxic Substances and Disease Registry's Hazardous Substance Release/Health Effects Database.

Agency Version Date: 07/26/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Agency for Toxic Substances and Disease Registry
Agency Contact: 770-488-6399
Most Recent Contact: 01/21/2019

COAL ASH DOE: List of existing and planned generators with 1 megawatt or greater of combined capacity that are utilizing coal ash impoundments.

Agency Version Date: 12/13/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/21/2019
Agency: Department of Energy
Agency Contact: (202) 586-8800
Most Recent Contact: 12/13/2018

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Agency Version Date: 07/31/2014
Agency Update Frequency: Varies
Planned Next Contact: 04/08/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/28/2019

COAL GAS: Manufactured Gas Plant locations

Agency Version Date: 01/02/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/29/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 01/02/2019

OTHER ASCERTAINABLE RECORDS (cont.)

CONSENT (DECREES): Legal decisions regarding responsibility for Superfund locations

Agency Version Date: 11/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/21/2019

DEBRIS R5 LF: US EPA Region 5 Disaster Debris Recovery Database is a list of public facilities for disaster construction and demolition materials, electronics, household hazardous waste, metals, tires, and vehicles in EPA Region 5.

Agency Version Date: 01/04/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/15/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 01/04/2019

DEBRIS R5 SWRCY: US EPA Region 5 Disaster Debris Recovery Database is a list of public facilities for disaster construction and demolition materials, electronics, household hazardous waste, metals, tires, and vehicles in EPA Region 5.

Agency Version Date: 01/04/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/15/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 01/04/2019

DOD: Department of Defense sites

Agency Version Date: 10/25/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/21/2019

DOT OPS: Incident Data Report

Agency Version Date: 11/26/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2019
Agency: U.S. Department of Transportation
Agency Contact: (202) 366-4996
Most Recent Contact: 02/04/2019

ECHO: ECHO is EPA Enforcement and Compliance History Online website to search for facilities in your community to assess their compliance with environmental regulations related to CAA, CWA, RCRA, & SDWA.

Agency Version Date: 10/08/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 02/25/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 12/17/2018

ENOI: The Electronic Notice of Intent (eNOI) database contains construction sites and industrial facilities that submit permit requests to EPA for Construction General Permits (CGP) and Multi-Sector General Permits (MSGP).

Agency Version Date: 11/30/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/19/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/08/2019

EPA FUELS: List of companies and facilities registered to participate in EPA Fuel Programs under Title 40 CFR Part 80.

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 01/25/2019

EPA OSC: Listing of oil spills and hazardous substance release sites requiring EPA On-Site Coordinators.

Agency Version Date: 12/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 02/20/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 12/12/2018

OTHER ASCERTAINABLE RECORDS (cont.)

EPA WATCH: The EPA Watch List was used 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. EPA maintained the lists from 2011 - 2013.

Agency Version Date: 02/09/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 01/25/2019

FA HWF: Hazardous Waste Facilities with Financial Assurance

Agency Version Date: 01/01/2019
Agency Update Frequency: Varies
Planned Next Contact: 03/12/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/01/2019

FEDLAND: Federal land locations

Agency Version Date: 11/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/21/2019

FRS: Facility Registry Systems

Agency Version Date: 11/22/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/11/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/31/2019

FTTS: Tracking of administrative and enforcement activities related to FIFRA/TSCA

Agency Version Date: 04/16/2013
Agency Update Frequency: Varies
Planned Next Contact: 03/22/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2280
Most Recent Contact: 09/24/2018

FTTS INSP: Tracking of inspections related to FIFRA/TSCA

Agency Version Date: 05/08/2017
Agency Update Frequency: Varies
Planned Next Contact: 03/14/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2280
Most Recent Contact: 12/17/2018

FUDS: Defense sites that require cleanup

Agency Version Date: 09/30/2015
Agency Update Frequency: Varies
Planned Next Contact: 04/08/2019
Agency: US Army Corps of Engineering
Agency Contact: (202) 761-0011
Most Recent Contact: 01/28/2019

HIST AFS: List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/25/2019

HIST AFS 2: List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/25/2019

OTHER ASCERTAINABLE RECORDS (cont.)

HIST DOD: Department of Defense historical sites

Agency Version Date: 08/17/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/21/2019

HIST LEAD_SMELTER: List of former Lead Smelter Sites that are no longer in current agency list.

Agency Version Date: 11/27/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/16/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/05/2019

HIST MLTS: List of sites in possession/use of radioactive materials regulated by NRC that are no longer in current agency list.

Agency Version Date: 07/05/2013
Agency Update Frequency: Varies
Planned Next Contact: 03/29/2019
Agency: Nuclear Regulatory Commission
Agency Contact: (800) 397-4209
Most Recent Contact: 01/02/2019

HIST PCB TRANS: List of PCB Disposal Facilities that are no longer in current agency list.

Agency Version Date: 01/18/2018
Agency Update Frequency: No Update
Planned Next Contact: 04/18/2019
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 01/22/2019

HIST PCS ENF: List of permitted facilities to discharge wastewater (Federal equivalent to NPDES) that are no longer in current agency list.

Agency Version Date: 07/31/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/18/2018

HIST PCS FACILITY: List of Permitted facilities to discharge wastewater (Federal equivalent to NPDES) that are no longer in current agency list.

Agency Version Date: 07/31/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/18/2018

HIST SSTS: List of tracking of facilities who produce pesticides and their quantity that are no longer in current agency list.

Agency Version Date: 12/05/2018
Agency Update Frequency: Annually
Planned Next Contact: 04/24/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/13/2019

HWC DOCKET: Listing of Federal facilities which are managing or have managed hazardous waste; or have had a release of hazardous waste.

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 01/25/2019

ICIS: Comprised of all Federal Administrative and Judicial enforcement information [intended to replace PCS] by tracking enforcement and compliance information (also contains what used to be known as FFTS)

Agency Version Date: 10/09/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/18/2018

OTHER ASCERTAINABLE RECORDS (cont.)

INACTIVE PCS: Inactive Permitted facilities to discharge wastewater

Agency Version Date: 10/09/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/18/2018

INDIAN RESERVATION: Indian Reservation sites

Agency Version Date: 01/01/2019
Agency Update Frequency: Varies
Planned Next Contact: 03/12/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/01/2019

LEAD_SMELTER: Listing of former Lead Smelter Sites

Agency Version Date: 11/27/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/16/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/05/2019

LUCIS: Land Use Control Information Systems

Agency Version Date: 05/02/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 03/21/2019
Agency: Department of the Navy: BRAC PMO
Agency Contact: (619) 532-0900
Most Recent Contact: 12/24/2018

LUCIS 2: Land Use Control Information Systems

Agency Version Date: 01/17/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 09/30/2019
Agency: Department of the Navy: BRAC PMO
Agency Contact: (619) 532-0900
Most Recent Contact: 10/02/2018

MINES: Mines Master Index Files

Agency Version Date: 12/19/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/27/2019
Agency: Department of Labor
Agency Contact: (202) 693-9400
Most Recent Contact: 12/19/2018

MLTS: Sites in possession/use of radioactive materials regulated by NRC

Agency Version Date: 10/30/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/29/2019
Agency: Nuclear Regulatory Commission
Agency Contact: (800) 397-4209
Most Recent Contact: 01/02/2019

NPL AOC: Areas of Concern related to NPL remediation sites

Agency Version Date: 10/25/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: N/R
Most Recent Contact: 01/21/2019

NPL LIENS: National Priority List of sites with Liens

Agency Version Date: 08/13/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

OSHA: OSHA's listing of inspections violations and fatality information

Agency Version Date: 12/18/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Occupational Safety & Health Administration
Agency Contact: 800-321-6742
Most Recent Contact: 12/18/2018

OTHER ASCERTAINABLE RECORDS (cont.)

PADS: Listing of generators transporters commercial store/ brokers and disposers of PCB

Agency Version Date: 09/20/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/29/2019
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 01/18/2019

PCB TRANSFORMER: Disposal and Storage of Polychlorinated Biphenyl (PCB) Waste

Agency Version Date: 11/21/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/10/2019
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 01/30/2019

PCS ENF: Permitted facilities to discharge wastewater (Federal equivalent to NPDES)

Agency Version Date: 10/09/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/18/2018

PCS FACILITY: Permitted facilities to discharge wastewater (Federal equivalent to NPDES)

Agency Version Date: 10/09/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/18/2018

RAATS: Listing of major violators with enforcement actions issued under RCRA. Includes administrative and civil actions filed by the EPA. This dataset is no longer maintained.

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/01/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/21/2018

RADINFO: EPA regulated facilities with radiation and radioactive materials

Agency Version Date: 01/03/2019
Agency Update Frequency: Varies
Planned Next Contact: 03/14/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/03/2019

RMP: Facilities producing/handling/ process/ distribute/ store specific chemicals report plans required by the Clean Air Act

Agency Version Date: 10/10/2018
Agency Update Frequency: Monthly
Planned Next Contact: 03/14/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2534
Most Recent Contact: 12/17/2018

ROD: Permanent remedy at an NPL site

Agency Version Date: 11/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/21/2019

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners

Agency Version Date: 11/29/2018
Agency Update Frequency: No Update
Planned Next Contact: 04/18/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/07/2019

OTHER ASCERTAINABLE RECORDS (cont.)

SEMS_SMELTER: This report includes sites that have smelting-related, or potentially smelting-related, indicators in the SEMS database. The report includes information on the site location as well as contaminants of concern.

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

SSTS: Tracking of facilities who produce pesticides and their quantity

Agency Version Date: 12/05/2018
Agency Update Frequency: Annually
Planned Next Contact: 04/24/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/13/2019

STORMWATER: Permitted storm water sites

Agency Version Date: 10/09/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/18/2018

TOSCA-PLANT: Plants controlled by the Toxic Substance Control Act

Agency Version Date: 12/05/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/24/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/13/2019

TRIS: Information regarding toxic chemicals that are being used/manufactured/ treated/ transported/released into the environment

Agency Version Date: 10/08/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/25/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/17/2018

UMTRA: Uranium Recovery Sites

Agency Version Date: 08/02/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/28/2019
Agency: United States Nuclear Regulatory Commission
Agency Contact: (301) 415-8200
Most Recent Contact: 12/20/2018

Corrective Actions_2020: The RCRA cleanup baseline includes facilities expected to need corrective action.

Agency Version Date: 12/21/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: N/R
Most Recent Contact: 12/21/2018

AIRS - VA: AIRS Title V facilities

Agency Version Date: 10/15/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/02/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 01/04/2019

CEDS - VA: Comprehensive Environmental Data System- Wastewater Permit Disposal System

Agency Version Date: 12/13/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/21/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 12/13/2018

OTHER ASCERTAINABLE RECORDS (cont.)

DAYCARE - VA: List of child care facilities

Agency Version Date: 11/08/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/28/2019
Agency: Department of Social Services
Agency Contact: (804) 726-7000
Most Recent Contact: 01/17/2019

DRYCLEANERS - VA: Dry Cleaning Facilities

Agency Version Date: 01/15/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 04/08/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 01/10/2019

ENF - VA: List of enforcement actions

Agency Version Date: 10/31/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/20/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 01/09/2019

HIST DRYCLEANERS - VA: List of Dry Cleaning Facilities that are no longer in current agency list.

Agency Version Date: 01/15/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 04/08/2019
Agency: Department of Environmental Quality
Agency Contact: (804) 698-4000
Most Recent Contact: 01/10/2019

SUBJECT PROPERTY ADDRESS:
Proposed Western Connector Roads
Greensboro Rd
Ridgeway, VA 24148

SUBJECT PROPERTY COORDINATES:

Latitude(North):	36.542832 - 36°32'34.2"
Longitude(West):	-79.910476 - -79°54'37.7"
Universal Transverse Mercator:	Zone 17N
UTM X (Meters):	597520.54
UTM Y (Meters):	4044711.34

ELEVATION:
Elevation: 712.434 ft. above sea level

USGS TOPOGRAPHIC MAP:

Subject Property Map:	36079e7 NORTHWEST EDEN, VA
Most Recent Revision:	2016
Subject Property Map:	36079e8 PRICE, VA
Most Recent Revision:	2016
Subject Property Map:	36079f7 MARTINSVILLE EAST, VA
Most Recent Revision:	2016
Subject Property Map:	36079f8 MARTINSVILLE WEST, VA
Most Recent Revision:	2016

GEOHYDROLOGY DATA:

SUBJECT PROPERTY TOPOGRAPHY:

Topographic Gradient: Southeast

DFIRM FLOOD ZONE:

	DFIRM Flood
Subject Property County:	Electronic Data:
HENRY	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	51089C 37157C
Additional Panels in search area:	No available data

FEMA FLOOD ZONE:

	FEMA Flood
Subject Property County:	Electronic Data:
HENRY	No available data.
Flood Plain Panel at Subject Property:	No available data

Additional Panels in search area:	No available data

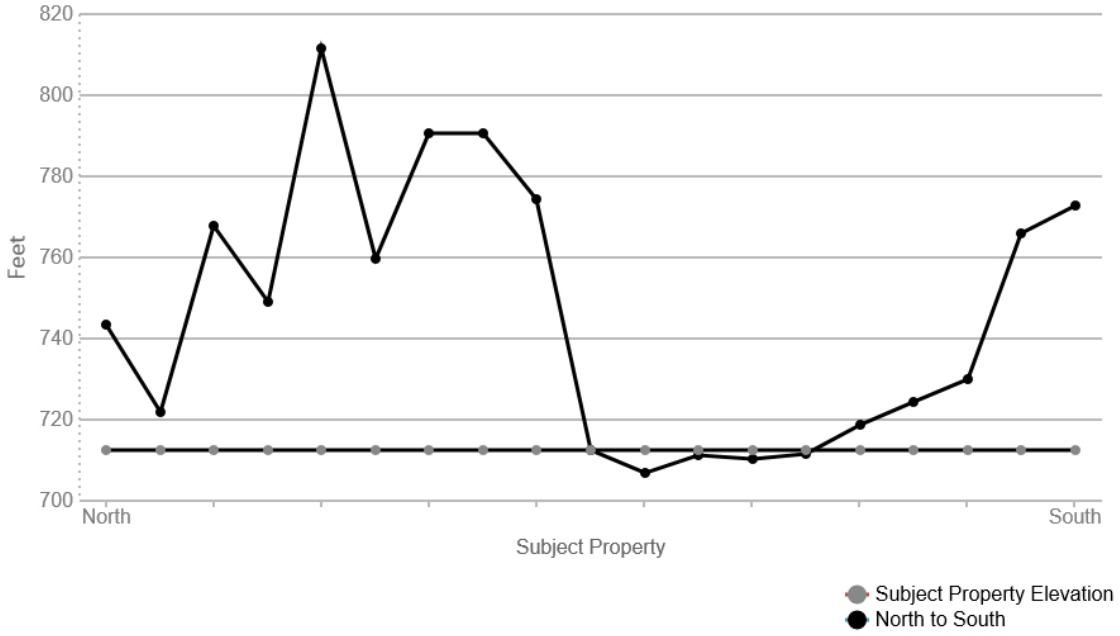
NATIONAL WETLAND INVENTORY:

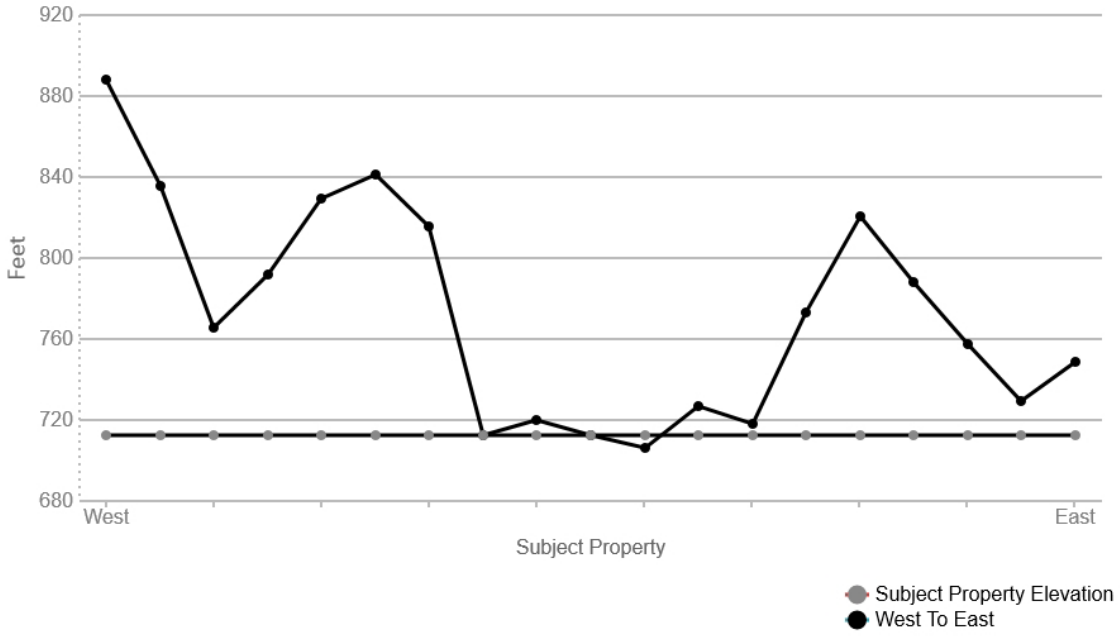
	NWI Electronic
NWI Quad at Subject Property:	Data Coverage:
NORTHWEST EDEN	Yes - refer to the Geological Findings Map

LITHOSTRATIGRAPHIC INFORMATION:

ROCK STRATIGRAPHIC UNIT:		GEOLOGIC AGE IDENTIFICATION
Era:	N/R	Category: 139 Z Z sedimentary rocks
System:	N/R	
Series:	Z sedimentary rocks	
Code:	Z	

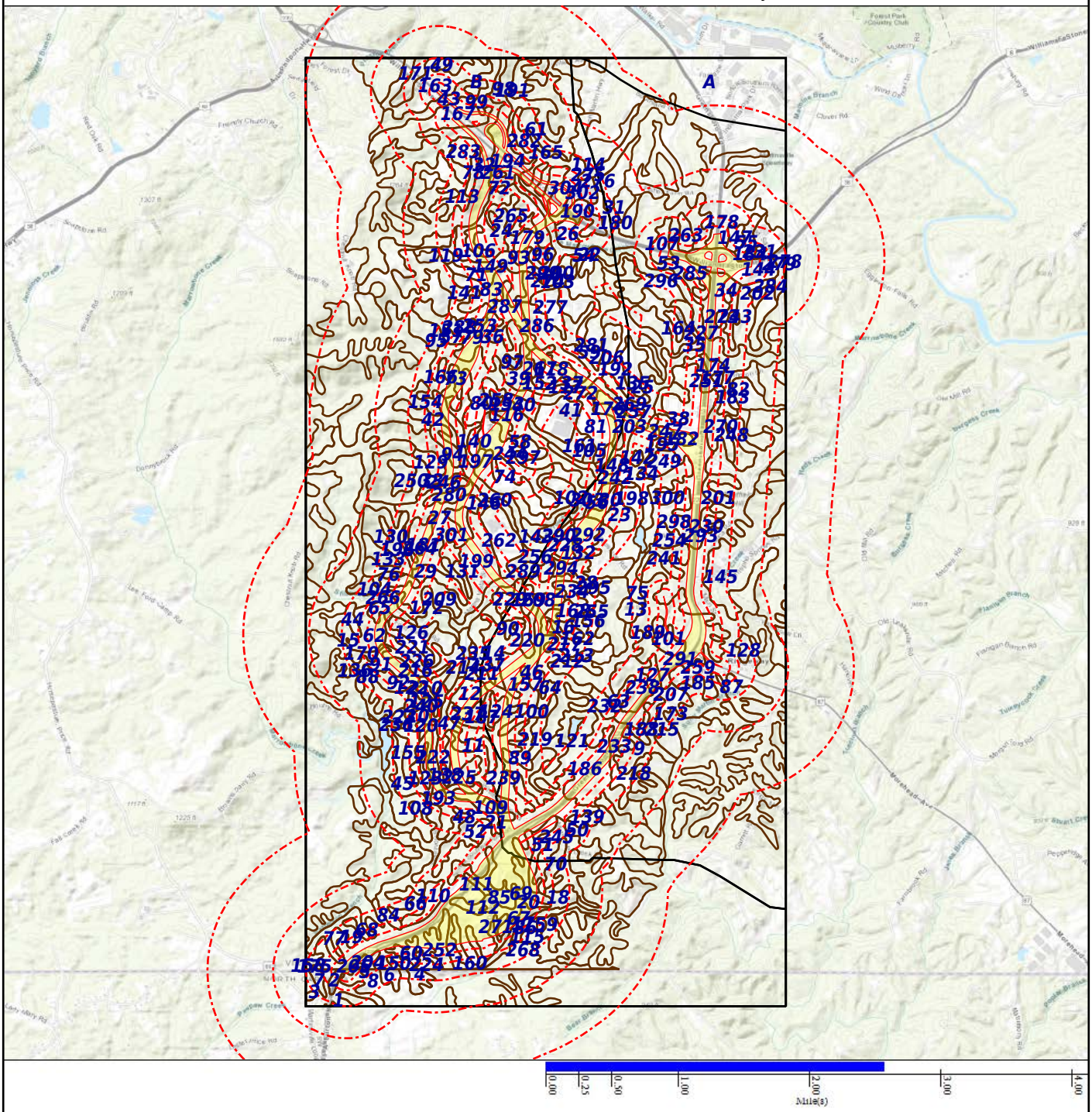
SURROUNDING ELEVATION PROFILES:





SUBJECT NAME: Proposed Western Connector Roads
ADDRESS: Greensboro Rd, Ridgeway, VA 24148
LAT/LONG: 36.542832 / -79.910476

PREPARED FOR: EEE Consulting Inc Mechanicsville
ORDER #: 27164
REPORT DATE: February 15, 2019



SOIL COMPOSITION IN GENERAL AREA OF SUBJECT PROPERTY:

Agency source: Soil Conservation Service, US Department of Agriculture

SOIL MAP ID 1

USDA Soil Name	Poplar Forest,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-13	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6.5
2	13-74	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	74-86	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	4-14	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	74-86	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
4	86-203	Sandy loam	Silt-Clay Materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 2

USDA Soil Name	Poplar Forest,Series
USDA Soil Texture	Sandy clay loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	4.5-6.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-6.5
2	15-66	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	66-86	Sandy clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
4	86-203	Loam	Silt-Clay Materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-42	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	86-203	Loam	Silt-Clay Materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 3

USDA Soil Name	Poplar Forest,Series
USDA Soil Texture	Sandy clay loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-6.5
2	15-66	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-66	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	66-86	Sandy clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
4	86-203	Loam	Silt-Clay Materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 4

USDA Soil Name	Poplar Forest,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-13	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6.5
2	13-74	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	74-86	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
4	86-203	Sandy loam	Silt-Clay Materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-42	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	86-203	Sandy loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 5

USDA Soil Name	Poplar Forest,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-13	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6.5
2	13-74	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	13-74	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	74-86	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
4	86-203	Sandy loam	Silt-Clay Materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 6

USDA Soil Name	Poplar Forest,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-13	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6.5
2	13-74	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	74-86	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-14	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	74-86	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-14	4.5-5.5
4	86-203	Sandy loam	Silt-Clay Materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 7

USDA Soil Name	Poplar Forest,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-8	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size	14-42	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-8	Sandy loam	1984.	distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6
2	8-20	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6
3	20-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
4	64-79	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
5	79-203	Sandy loam	Silt-Clay Materials (more than 35%	FINE-GRAINED SOILS, Silts and clays, (liquid	4-42	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
5	79-203	Sandy loam	passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 8

USDA Soil Name	Poplar Forest,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-8	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6
2	8-20	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	14-42	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	8-20	Sandy loam	Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6
3	20-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
4	64-79	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
5	79-203	Sandy loam	Silt-Clay Materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
5	79-203	Sandy loam	Silt-Clay Materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	4.5-5.5

SOIL MAP ID 9

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 10

USDA Soil Name	Colvard,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	A
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
2	30-109	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
3	109-157	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8

SOIL MAP ID 11

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 12

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 13

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 14

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 15

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 16

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	137-157	Clay loam	material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 17

USDA Soil Name	Colvard,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	A
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
2	30-109	Fine sandy loam	Silt-Clay materials	Reference: This is a	14-42	5.1-7.8

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	30-109	Fine sandy loam	(more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
3	109-157	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8

SOIL MAP ID 18

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 19

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 20

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 21

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 22

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 23

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 24

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 25

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 26

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 27

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 28

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	1.4-4	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 29

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 30

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 31

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	of State Highway and Transportation Officials, 1984.	distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 32

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 33

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 34

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 35

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 36

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 37

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 38

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	of State Highway and Transportation Officials, 1984.	distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 39

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 40

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 41

USDA Soil Name	Udorthents,Taxon above family
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 42

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%),	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 43

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 44

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 45

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 46

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 47

USDA Soil Name	Codorus,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Moderately well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-6
2	20-119	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6.5
3	119-157	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-141	5.1-6.5

SOIL MAP ID 48

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 49

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 50

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 51

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 52

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 53

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 54

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	1.4-4	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 55

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-14	5.1-6

SOIL MAP ID 56

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	10-20	Clay loam	M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 57

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 58

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 59

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 60

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 61

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 62

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 63

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 64

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 65

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 66

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 67

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 68

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 69

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 70

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 71

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 72

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 73

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent	14-42	4.5-6.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6.5
2	15-89	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	89-140	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
4	140-203	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5

SOIL MAP ID 74

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 75

USDA Soil Name	Colvard,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	A
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	14-42	5.1-7.8

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Fine sandy loam	of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
2	30-109	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
3	109-157	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8

SOIL MAP ID 76

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 77

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 78

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 79

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 80

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 81

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 82

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 83

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 84

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 85

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 86

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 87

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 88

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	10-20	Clay loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-14	5.1-6

SOIL MAP ID 89

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 90

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 91

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 92

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 93

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 94

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 95

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 96

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-14	5.1-6

SOIL MAP ID 97

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 98

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 99

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 100

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 101

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 102

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 103

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 104

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 105

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 106

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 107

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 108

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 109

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 110

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6.5
2	15-89	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	89-140	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-14	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	89-140	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-14	4.5-5.5
4	140-203	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5

SOIL MAP ID 111

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 112

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 113

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 114

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 115

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 116

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 117

USDA Soil Name	Codorus,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Moderately well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-6
2	20-119	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6.5
3	119-157	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-141	5.1-6.5

SOIL MAP ID 118

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 119

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 120

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 121

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 122

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 123

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 124

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 125

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 126

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 127

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 128

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 129

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 130

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 131

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 132

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 133

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 134

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 135

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 136

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 137

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 138

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 139

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 140

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 141

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 142

USDA Soil Name	Colvard,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	A
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	14-42	5.1-7.8

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	14-42	5.1-7.8
2	30-109	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
3	109-157	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8

SOIL MAP ID 143

USDA Soil Name	Elsinboro,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-28	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
2	28-97	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	97-152	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 144

USDA Soil Name	Udorthents,Taxon above family
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 145

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 146

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 147

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 148

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 149

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 150

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 151

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 152

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 153

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 154

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 155

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 156

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 157

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 158

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 159

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 160

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 161

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 162

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 163

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 164

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 165

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 166

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 167

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 168

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 169

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 170

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 171

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 172

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 173

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 174

USDA Soil Name	Elsinboro,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-28	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
2	28-97	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	97-152	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 175

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 176

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil	FINE-GRAINED SOILS, Silts and clays (liquid	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	20-81	Clay	material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 177

USDA Soil Name	Creedmoor,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	D
Soil Drainage Class	Moderately well drained
Hydric Classification	3
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-28	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.5-5.5
2	28-119	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	3.5-5.5
3	119-170	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	3.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	170-180		No data	No data	0-1.4	No data

SOIL MAP ID 178

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	of State Highway and Transportation Officials, 1984.	general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 179

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 180

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 181

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 182

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 183

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 184

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 185

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 186

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 187

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 188

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 189

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 190

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 191

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 192

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 193

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 194

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 195

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 196

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 197

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 198

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 199

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	of State Highway and Transportation Officials, 1984.	distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 200

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 201

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 202

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 203

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 204

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 205

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 206

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 207

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 208

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 209

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 210

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 211

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	of State Highway and Transportation Officials, 1984.	distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 212

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 213

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 214

USDA Soil Name	Colvard,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	A
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
2	30-109	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
3	109-157	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8

SOIL MAP ID 215

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 216

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 217

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 218

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 219

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 220

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 221

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 222

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 223

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 224

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 225

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 226

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 227

USDA Soil Name	Codorus,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Moderately well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-6
2	20-119	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	20-119	Loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6.5
3	119-157	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-141	5.1-6.5

SOIL MAP ID 228

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 229

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 230

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 231

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 232

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 233

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 234

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 235

USDA Soil Name	Elsinboro,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-28	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
2	28-97	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	97-152	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 236

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 237

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil	FINE-GRAINED SOILS, Silts and clays (liquid	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 238

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 239

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 240

USDA Soil Name	Codorus,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Moderately well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-6
2	20-119	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	20-119	Loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6.5
3	119-157	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-141	5.1-6.5

SOIL MAP ID 241

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35%	FINE-GRAINED SOILS, Silts and clays (liquid	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 242

USDA Soil Name	Codorus,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Moderately well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-6
2	20-119	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6.5
3	119-157	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-141	5.1-6.5

SOIL MAP ID 243

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 244

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	of State Highway and Transportation Officials, 1984.	distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 245

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 246

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 247

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 248

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 249

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 250

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 251

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 252

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 253

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 254

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 255

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 256

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 257

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	1.4-4	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 258

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 259

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 260

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 261

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 262

USDA Soil Name	Udorthents,Taxon above family
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 263

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 264

USDA Soil Name	Water
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 265

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 266

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 267

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 268

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 269

USDA Soil Name	Colvard,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	A
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
2	30-109	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	109-157	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8

SOIL MAP ID 270

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 271

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 272

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	1.4-4	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 273

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 274

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 275

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	1.4-4	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 276

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-14	5.1-6

SOIL MAP ID 277

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	1984.	on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 278

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 279

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 280

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 281

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 282

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 283

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID 284

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 285

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 286

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 287

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 288

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4-42	3.6-6

SOIL MAP ID 289

USDA Soil Name	Codorus,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Moderately well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-6
2	20-119	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	5.1-6.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	20-119	Loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6.5
3	119-157	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-141	5.1-6.5

SOIL MAP ID 290

USDA Soil Name	Elsinboro,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-28	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
2	28-97	Clay loam	Silt-Clay materials	FINE-GRAINED SOILS,	4-14	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	28-97	Clay loam	(more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	97-152	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	4.5-5.5

SOIL MAP ID 291

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	14-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 292

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 293

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 294

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 295

USDA Soil Name	Orenda,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-64	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	64-157	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 296

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 297

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 298

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	10-20	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	20-81	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	81-135	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
5	135-206	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 299

USDA Soil Name	Colvard,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	A
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	30-109	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
3	109-157	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8

SOIL MAP ID 300

USDA Soil Name	Minnieville,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
2	15-117	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
3	117-132	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	132-183	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.1-6

SOIL MAP ID 301

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-19	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	19-137	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	137-157	Clay loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6
4	157-208	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-42	3.6-6

SOIL MAP ID 302

USDA Soil Name	Clifford,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6.5
2	15-89	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
3	89-140	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5
4	140-203	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4-14	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	140-203	Loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-5.5

SOIL MAP ID 303

USDA Soil Name	Colvard,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	A
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
2	30-109	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8
3	109-157	Fine sandy loam	Silt-Clay materials	Reference: This is a	14-42	5.1-7.8

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	109-157	Fine sandy loam	(more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-7.8

SOIL MAP ID 304

USDA Soil Name	Woolwine,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.6-6
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	4-14	3.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	5-71	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.6-6
3	71-107		No data	No data	0-1.4	No data
4	107-132		No data	No data	0-0.42	No data

SOIL MAP ID A

USDA Soil Name	Cullen,Series
USDA Soil Texture	Loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-23	Loam	No data	No data	14.1143-42.343	5.1-6
2	23-127	No data	No data	No data	4.2343-14.1143	5.1-6
3	127-140	No data	No data	No data	4.2343-14.1143	5.1-6
4	140-183	No data	No data	No data	4.2343-14.1143	5.1-6

SOIL MAP ID B

USDA Soil Name	Cecil,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	1
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-18	Fine sandy loam	No data	No data	14.1143-42.343	4.5-6.5
2	18-28	No data	No data	No data	4.2343-14.1143	4.5-5.5
3	28-127	No data	No data	No data	4.2343-14.1143	4.5-5.5
4	127-190		No data	No data	No data	No data

WATER AGENCY DATA:

WATER AGENCY SEARCH DISTANCES:

DATABASE:	SEARCH DISTANCE (MILES):
NWIS	1.000
PWS	1.000

DISTANCE TO NEAREST:	DISTANCE:
NWIS	0.014 mi / 73 ft
PWS	0.445 mi / 2349 ft

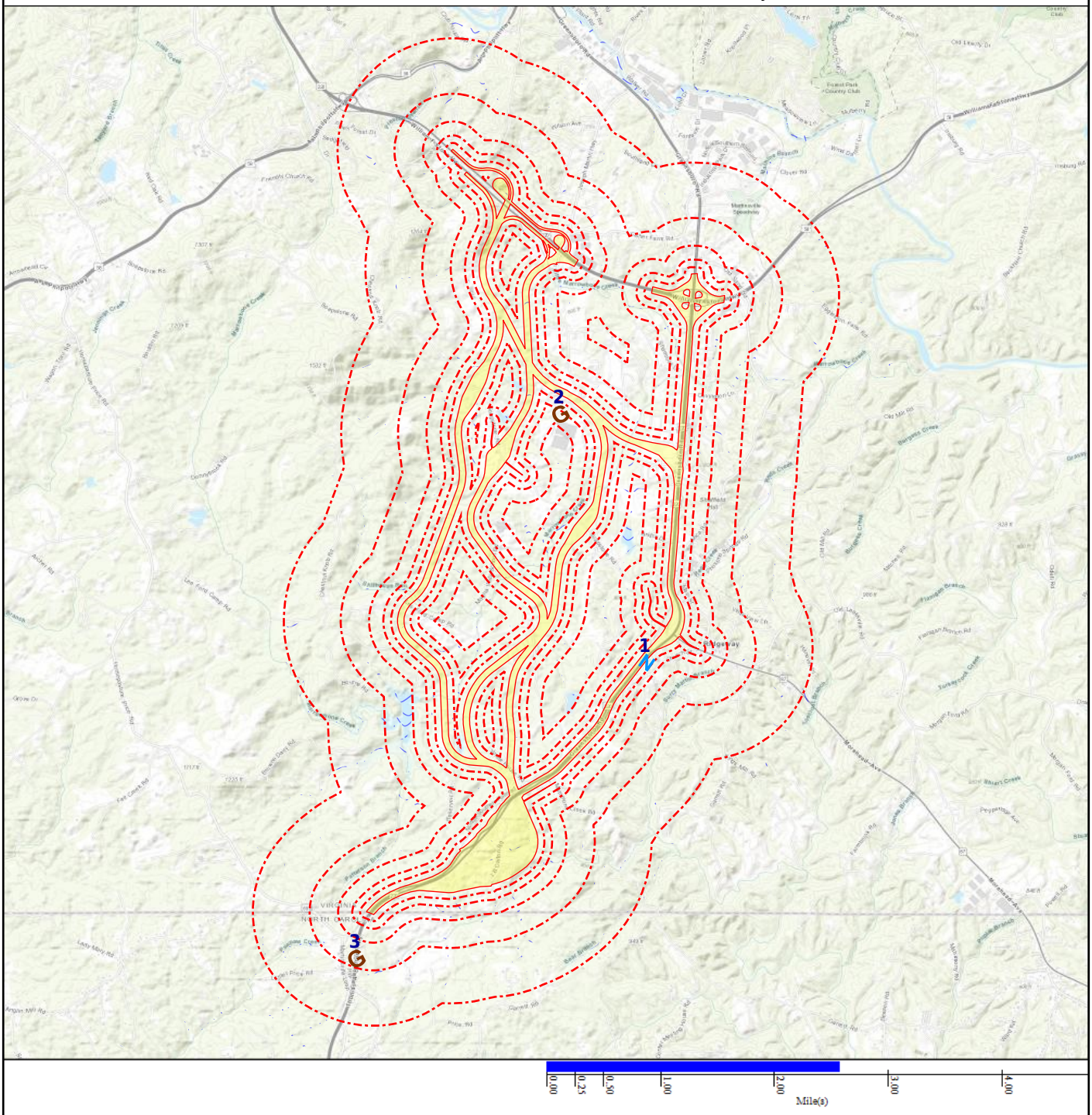
FEDERAL WATER AGENCY DATA SUMMARY:

MAP ID:	WELL ID:	LOCATION FROM SP:
1	02073200	< 1/8 Mile NE
3	NC0279777	1/4 - 1/2 Mile SSW

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

SUBJECT NAME: Proposed Western Connector Roads
ADDRESS: Greensboro Rd, Ridgeway, VA 24148
LAT/LONG: 36.542832 / -79.910476

PREPARED FOR: EEE Consulting Inc Mechanicsville
ORDER #: 27164
REPORT DATE: February 15, 2019



Map Id: 1
Direction: NE
Distance: 0.014 mi.
Actual: 72.854 ft.
Elevation: 0.176 mi. / 927.513 ft.
Relative: Higher

Site Name : 02073200
36.57486019, -79.86753910
VA

Database(s) : [NWIS]

Envirosite ID: 403915529
EPA ID: N/R

NWIS

Site Identification Number :	02073200
Site Type :	Stream
Station Name :	MARROWBONE CREEK TRIBUTARY AT RIDGEWAY, VA
Agency :	U.S. Geological Survey
District :	Virginia
State :	VA
County :	Henry County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	NORTHWEST EDEN
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	N/R
Method Altitude Determined :	N/R
Altitude Accuracy :	N/R
Altitude Datum :	N/R
Hydrologic Unit :	Upper Dan
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNANNNNNNNNNNNNNI
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	0.02
Contributing Drainage Area :	N/R
Data Reliability :	N/R
Data-other GW Files :	NNNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	0
Site-Visit Data Begin Date :	08/03/1993
Site-Visit Data End Date :	11/09/1994
Site-Visit Data Count :	5
Latitude :	36.57486019
Longitude :	-79.86753910
Last Date in Agency List :	11/23/2018

Map Id: 2
Direction: NNE
Distance: 0.181 mi.
Actual: 956.417 ft.
Elevation: 0.147 mi. / 778.018 ft.
Relative: Higher

Site Name : TOWER
36 36 26.49N, 079 52 52.14W
MARTINSVILLE, VA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 350981451
EPA ID: N/R

DIGITAL OBSTACLE

Facility Name :	TOWER
Facility Address :	MARTINSVILLE, VA
Date of Action :	01/16/2005
Action :	Change
FAA Study Number :	1999AEA03484OE
OBS Number :	51-000796
Obstacle Type :	TOWER
Country Identifier :	US
Type of Lighting :	Red
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Marked
Above Ground Level Height (Feet) :	00249
Above Mean Sea Level Height (Feet) :	01033
Horizontal Accuracy :	+-500'
Vertical Accuracy :	+-125'
Latitude :	36 36 26.49N
Longitude :	079 52 52.14W
Last Date in Agency List :	11/08/2018

Map Id: 3
Direction: SSW
Distance: 0.445 mi.
Actual: 2349.015 ft.
Elevation: 0.185 mi. / 978.458 ft.
Relative: Higher

Site Name : NC0279777
11652 US 220 N
STONEVILLE, NC 27048

Database(s) : [PWS, PWS ENF]

Envirosite ID: 358090975
EPA ID: N/R

PWS

Facility Address :	11652 US 220 N, STONEVILLE, NC 27048
PWS ID :	NC0279777
PWS Type :	Transient non-community system
PWS Name :	DANNY`S 220
Activity Status :	Inactive
Primary Source :	Ground water
Submission Year :	2018
Submission Year Quarter :	2018Q3
Population Served Count :	25
Service Connections Count :	1
Population Category 2 :	<10,000
Population Category 3 :	<=3300
Population Category 4 :	<10K
Population Category 5 :	<=500
Population Category 11 :	<=100
Submission Quarter :	3
Submission Status Code :	Y
First Reported Date :	02/27/1999
Last Reported Date :	09/27/2018

Map Id: 3
Direction: SSW
Distance: 0.445 mi.
Actual: 2349.015 ft.
Elevation: 0.185 mi. / 978.458 ft.
Relative: Higher

Site Name : NC0279777
11652 US 220 N
STONEVILLE, NC 27048

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358090975
EPA ID: N/R

PWS ***(cont.)***

Deactivation Date :	08/09/1999
GW or SW :	Groundwater
Is Grant Eligible :	N
Is Outstanding Performer :	N/R
Is School or Daycare :	N
Is Source Water Protected :	N/R
Primacy Agency :	North Carolina
Primacy Type :	State
Org Name :	N/R
EPA Region :	Region 4
Admin Name :	DANNY FULP OR MGR NOW
Owner Type :	Private
Phone Number :	N/R
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	N/R
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	N
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	01-01
Season End Date :	12-31
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	10/18/2018

PWS ENF

Facility Address :	11652 US 220 N, STONEVILLE, NC 27048

PWS ID :	NC0279777
PWS Name :	DANNY`S 220
EPA Region :	Region 4
Primacy Agency :	North Carolina
PWS Type :	Transient non-community system
Primacy Type :	State
Primary Source :	Ground water
Activity Status :	Inactive
Deactivation Date :	08/09/1999
Owner Type :	Private
Phone Number :	N/R
Last Date in Agency List :	10/18/2018

Violation Details

RTC Enforcement ID :	N/R
Violation ID :	199
Submission Year :	2018
Violation First Reported Date :	08/22/2008

Map Id: 3
Direction: SSW
Distance: 0.445 mi.
Actual: 2349.015 ft.
Elevation: 0.185 mi. / 978.458 ft.
Relative: Higher

Site Name : NC0279777
11652 US 220 N
STONEVILLE, NC 27048

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358090975
EPA ID: N/R

PWS ENF ***(cont.)***

Contaminant Name :	Coliform (TCR)
Rule Family :	Total Coliform Rules
Rule Group :	Microbials
Rule Name :	Total Coliform Rule
Violation Type :	Monitoring, Routine Major (TCR)
Is Health Based :	N
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	STONEVILLE, 27048
Address Line 2 :	11652 US 220 N
Compliance Status :	System Inactive
RTC Date :	08/09/1999
Enforcement Action Description :	State Administrative/Compliance Order with penalty issued
Admin Name :	DANNY FULP OR MGR NOW
Email Address :	N/R

RADON DATA:

STATE SOURCE: No Available Data

FEDERAL AREA RADON INFORMATION FOR: 24148

NUMBER OF SAMPLE SITES: 4

Area:	Average Activity:	% <4 pCi/L:	% 4-20 pCi/L:	% >20 pCi/L:
basement	0.8 pCi/L	100%	0%	0%
first floor	1.6 pCi/L	100%	0%	0%

HIST PWS ENF
Historical Public Water Supply locations with Enforcement Violations
Environmental Protection Agency
(800) 426-4791
List of safe drinking water information Systems with enforcement violations that are no longer in current agency list.

NWIS
National Water Information Systems
United States Geological Society
(703) 648-5953
Information on all water resources for the United States. This database contains all current and historical data for the nation.

PWS
Public Water Supply
Environmental Protection Agency
(800) 426-4791
Safe drinking water information Systems

PWS ENF
Public Water Supply locations with Enforcement Violations
Environmental Protection Agency
(800) 426-4791
Safe drinking water information Systems with enforcememnt violations

FLOOD Q3
Flood data
Environmental Protection Agency
(202) 566-1667
Q3 Flood Data

HYDROLOGIC UNIT
Hydrologic Unit Maps
USGS
The United States Geological Survey created a hierarchical system of hydrologic units originally called regions, sub-regions, accounting units, and cataloging units. Each unit was assigned a unique Hydrologic Unit Code (HUC). As first implemented the system had 21 regions, 221 subregions, 378 accounting units, and 2,264 cataloging units. Over time the system was changed and expanded. As of 2010 there are six levels in the hierarchy, represented by hydrologic unit codes from 2 to 12 digits long, called regions, subregions, basins, subbasins, watersheds, and subwatersheds. The table below describes the system's hydrologic unit levels and their characteristics, along with example names and codes.

WETLANDS NWI
National Wetland Inventory
U.S. Fish and Wildlife Service
(703) 358-2171
Wetland Inventory for the United States

SSURGO
Detailed Soil Data Map
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
Detailed Soil Data Map

STATSGO & MUI
General Soil Data Map
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
General Soil Data Map

USGS GEOLOGIC AGE
USGS Digital Data Series DDS
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
USGS Digital Data Series DDS: Geologic Age and Rock Stratigraphic Unit

RADON
National Radon Database
USGS
703-605-6008
A study of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

AIRPORT FACILITIES
Airport landing facilities
Federal Aviation Administration
(866) 835-5322
Airport landing facilities

BASINS
Better Assessment Science Integrating point & Non-point Sources
U.S. Environmental Protection Agency
855-246-3642
Integrated geographical information system national watershed data and environmental assessment known as Better Assessment Science Integrating point & Non-point Sources

DIGITAL OBSTACLE
Obstacles of interest to aviation users
Federal Aviation Administration
855-379-6518
The Digital Obstacle File describes all known obstacles of interest to aviation users in the U.S. with limited coverage of the Pacific the Caribbean Canada and Mexico. The obstacles are assigned unique numerical identifiers; accuracy codes and listed in order of ascending latitude within each state or area by FAA Region.

EPICENTERS
National Geographical Data Center
National Geographical Data Center
303-497-6826
Data on over four million earthquakes dating from 2100 B.C. to 1995 A.D.

FLOOD DFIRM
National Flood Hazard Layer Database
Federal Emergency Management Agency
The National Flood Hazard Layer Database (NFHL) is a computer database that contains the flood hazard map information from FEMAs Flood Map Modernization program. These map data are from Digital Flood Insurance Rate Map (DFIRM) databases and Letters of Map Revision.

APPENDIX B

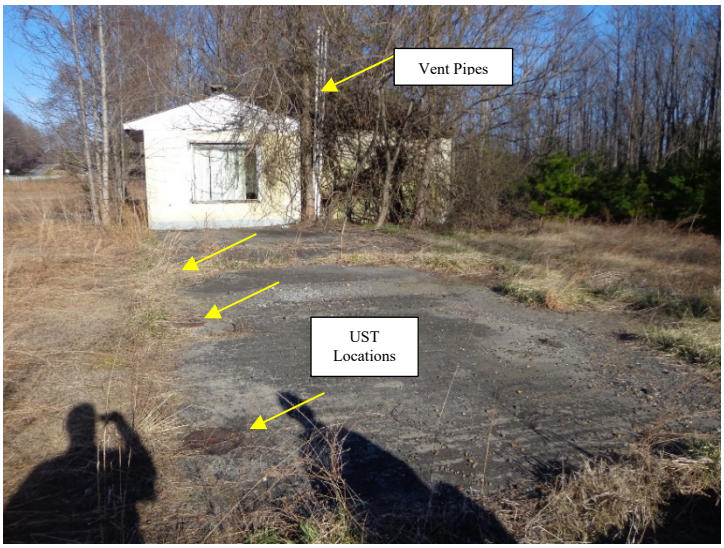
Photo Log

Photo Log – Alternative A

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Ridgemart/Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; D15, D16	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** USTs at the Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; D15, D16	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Racing fuel/gasoline UST at the Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; D15, D16	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Rohan Construction, Inc. – currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; D17	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Frontage of Rohan Construction, Inc. – currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; D17	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former UST and car storage behind Rohan Construction, Inc. – Currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; D17	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former ACS Chevron building **Photograph Date:** 3/5/19 **Alternative/ID Number:** A; 20	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former ACS Chevron building, vent pipes, and USTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** A; 20	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Chesapeake Custom Chemical Co. – former Southeastern Adhesives Co. – suspected formaldehyde ASTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** A; I36, I37	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Walter Thacker Residence – house is well removed from the road **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; 51	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Samuel Watkins Residence – Suspected UST location **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; 49	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Magna Vista High School **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; K42, K43	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** No. 2 fuel oil AST near the boiler room at the Magna Vista High School **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; K42, K43	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Diesel fuel AST and fuel pumps at the bus loop for the Magna Vista High School **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; K42, K43	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Suspected location of the former 100,000-gallon water tank and spill area **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; K42, K43	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Facility entrance for Radial, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; 55	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Warehouse buildings for Radial, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; 55	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Bassett-Walker, Inc. Distribution Center – Currently operated as Virginia Logistics, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; F25, F26, F27	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 100,000-gallon water tank at the Former Bassett-Walker, Inc. Distribution Center **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; F25, F26, F27	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Former UST areas between the large warehouses **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; L46, L47, L58	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Existing UST locations **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; L46, L47, L58	

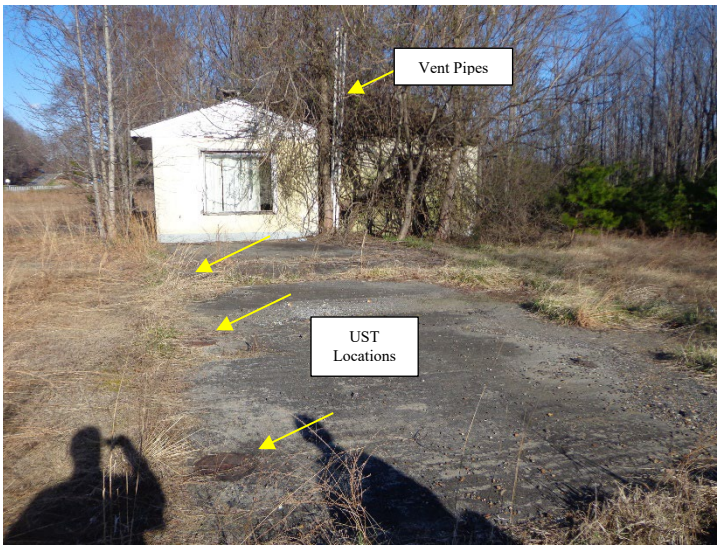
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Existing UST locations **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; L46, L47, L58	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Jimmie Ford Residence – Suspected UST location **Photograph Date:** 3/6/19 **Alternative/ID Number:** A; 69	

Photo Log – Alternative B

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; D15, D16	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** USTs at the Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; D15, D16	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Racing fuel/gasoline UST at the Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; D15, D16	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Rohan Construction, Inc. – currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; D17	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Frontage of Rohan Construction, Inc. – currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; D17	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former UST and car storage behind Rohan Construction, Inc. – Currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; D17	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former ACS Chevron building **Photograph Date:** 3/5/19 **Alternative/ID Number:** B; 20	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former ACS Chevron building, vent pipes, and USTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** B; 20	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Chesapeake Custom Chemical Co. – former Southeastern Adhesives Co. – suspected formaldehyde ASTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** B; I36, I37	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Walter Thacker Residence – house is well removed from the road **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; 51	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Samuel Watkins Residence – Suspected UST location **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; 49	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Magna Vista High School **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; K42, K43	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** No. 2 fuel oil AST near the boiler room at the Magna Vista High School **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; K42, K43	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Diesel fuel AST and fuel pumps at the bus loop for the Magna Vista High School **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; K42, K43	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Suspected location of the former 100,000-gallon water tank and spill area **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; K42, K43	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Facility entrance for Radial, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; 55	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Warehouse buildings for Radial, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; 55	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Bassett-Walker, Inc. Distribution Center – Currently operated as Virginia Logistics, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; F25, F26, F27	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 100,000-gallon water tank at the Former Bassett-Walker, Inc. Distribution Center **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; F25, F26, F27	

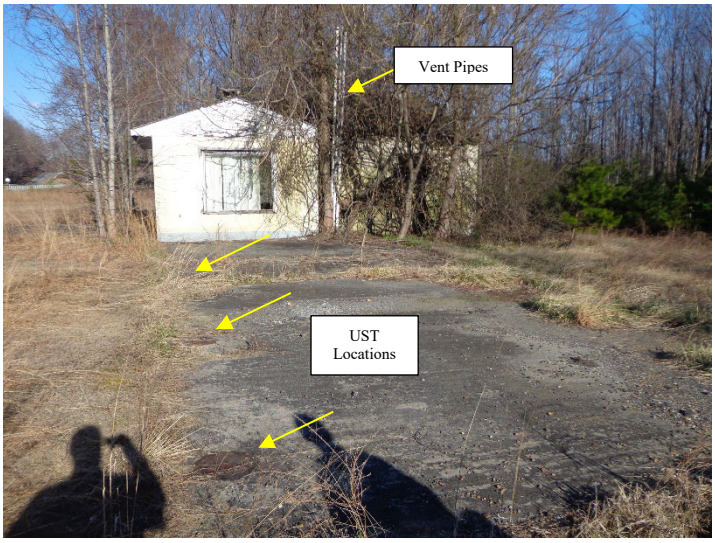
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Former UST areas between the large warehouses **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; L46, L47, L58	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Existing UST locations. **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; L46, L47, L58	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Existing UST locations. **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; L46, L47, L58	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Jimmie Ford Residence – Suspected UST location **Photograph Date:** 3/6/19 **Alternative/ID Number:** B; 69	

Photo Log – Alternative C

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; D15, D16	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** USTs at the Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; D15, D16	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Racing fuel/gasoline UST at the Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; D15, D16	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Rohan Construction, Inc. – currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; D17	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Frontage of Rohan Construction, Inc. – currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; D17	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former UST and car storage behind Rohan Construction, Inc. – Currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; D17	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former ACS Chevron building **Photograph Date:** 3/5/19 **Alternative/ID Number:** C; 20	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former ACS Chevron building, vent pipes, and USTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** C; 20	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Chesapeake Custom Chemical Co. – former Southeastern Adhesives Co. – suspected formaldehyde ASTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** C; I36, I37	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Walter Thacker Residence – house is well removed from the road **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; 51	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Samuel Watkins Residence – Suspected UST location **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; 49	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Magna Vista High School **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; K42, K43	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** No. 2 fuel oil AST near the boiler room at the Magna Vista High School **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; K42, K43	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Diesel fuel AST and fuel pumps at the bus loop for the Magna Vista High School **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; K42, K43	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Suspected location of the former 100,000-gallon water tank and spill area **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; K42, K43	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Facility entrance for Radial, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; 55	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Warehouse buildings for Radial, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; 55	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Bassett-Walker, Inc. Distribution Center – Currently operated as Virginia Logistics, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; F25, F26, F27	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 100,000-gallon water tank at the Former Bassett-Walker, Inc. Distribution Center **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; F25, F26, F27	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Former UST areas between the large warehouses **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; L46, L47, L58	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Existing UST locations. **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; L46, L47, L58	

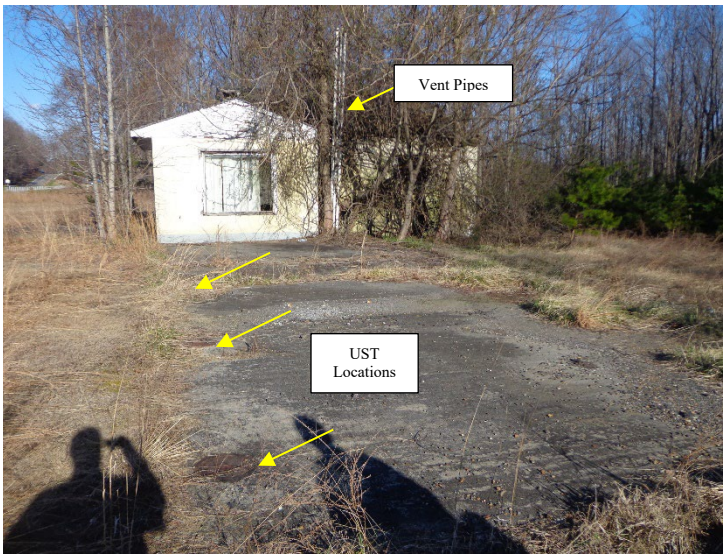
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Existing UST locations. **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; L46, L47, L58	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Jimmie Ford Residence – Suspected UST location **Photograph Date:** 3/6/19 **Alternative/ID Number:** C; 69	

Photo Log – Alternative D

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Sheetz Store #308 - USTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; A2, A3	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Sheetz Store #308 – Potential soil boring locations near fuel pumps **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; A2, A3	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; D15, D16	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** USTs at the Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; D15, D16	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Racing fuel/gasoline UST at the Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; D15, D16	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Rohan Construction, Inc. – currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; D17	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Frontage of Rohan Construction, Inc. – currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; D17	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former UST and car storage behind Rohan Construction, Inc. – Currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; D17	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former ACS Chevron building **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; 20	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former ACS Chevron building, vent pipes, and USTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; 20	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Ridgeway Tire & Auto – NAPA Auto Care Center **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; 1	

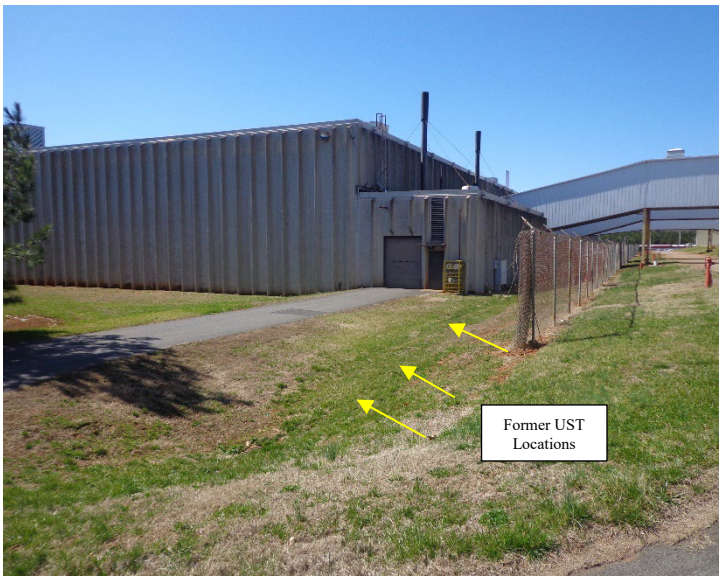
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Ridgeway Tire & Auto – NAPA Auto Care Center – Temporary Out of Use USTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; 1	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** On the Run/ EZ Stop #107 **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; A6, A7	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Gasoline UST locations near US-220 for the On the Run/ EZ Stop #107 **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; A6, A7	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Diesel fuel pumps for the On the Run/ EZ Stop #107 **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; A6, A7	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Diesel fuel USTs for the On the Run/ EZ Stop #107 **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; A6, A7	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former loading rack on the southeast corner of the On the Run/ EZ Stop #107 **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; A6, A7	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Getty Mart #11/ 71011 – Currently operated as the Ridgeway Farm Market **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; A8, A9	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Getty Mart #11/ 71011 – Suspected former UST locations **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; A8, A9	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Facility entrance for Radial, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; 55	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Warehouse buildings for Radial, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; 55	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Ridgeway Furniture/Ridgeway Clock Co. – site is currently abandoned **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; G30, G31, G32	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Ridgeway Furniture/Ridgeway Clock Co. – site is currently abandoned **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; G30, G31, G32	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Ridgeway Furniture/Ridgeway Clock Co. – site is currently abandoned **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; G30, G31, G32	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Chesapeake Custom Chemical Co. – former Southeastern Adhesives Co. – suspected formaldehyde ASTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; I36, I37	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Former UST areas between the large warehouses **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; L46, L47, L58	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Existing UST locations. **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; L46, L47, L58	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bassett-Walker, Inc., Bowles E-Bay Warehouses, and Radial LLC – Existing UST locations. **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; L46, L47, L58	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bob's Enterprises – former gas station was located behind the existing Southern Pride Car Wash **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; B22	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** James Whitlow Residence – house is well removed from the road **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; A35	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** B.W. Brooks & Sons, Inc. – Former garage building behind residence **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; G28	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Ridgeway Elementary School - Iglesia Cristiana Agape **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; H34, H45	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 55-gallon drums behind old school building most likely containing used cooking grease **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; H34, H45	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 10,000-gallon gasoline UST is listed as temporarily out of service, **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; H34, H45	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Lynn Metzger Residence – PC# is still open **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; H44	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Main Street Market gas station – UST locations **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; J40, J41	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Main Street Market gas station – AST locations **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; J40, J41	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Esther Mason Residence – suspected former tank location **Photograph Date:** 3/5/19 **Alternative/ID Number:** D; 48	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** W.C. Eanes Construction Co. – residence is well back from the road **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; 66	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** James Kellum Residence **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; 67	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Dan Pace Residence – residence is well back from the road **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; 70	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Daytona Ridgeway Mart gas station **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; 72	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Daytona Ridgeway Mart gas station – gasoline UST locations **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; 72	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Daytona Ridgeway Mart gas station – diesel UST location **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; 72	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Daytona Ridgeway Mart gas station – fuel pumps and former monitoring well location **Photograph Date:** 3/6/19 **Alternative/ID Number:** D; 72	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Kwik Lube Pennzoil 10-minute Oil Change Center **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** View behind the Kwik Lube Pennzoil 10-minute Oil Change Center **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Last Chance Auto – former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Last Chance Auto – former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Last Chance Auto – former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** R&J Tire Service, Inc. **Photograph Date:** 3/6/19 **Alternative/ID Number:** D	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Used tire storage behind the R&J Tire Service, Inc. **Photograph Date:** 3/6/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Briggs Auto Service – former service garage **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 275-gallon No. 2 Fuel Oil AST behind the Briggs Auto Service – former service garage **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Tires and debris in the woods behind the Briggs Auto Service – former service garage **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Sheppard Furniture Co. **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 275-gallon ASTs at the Sheppard Furniture Co. **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 275-gallon ASTs at the Sheppard Furniture Co. **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** C&W Diesel Works – Water Plant Road **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Century Link Maintenance Building **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Double-walled diesel AST supplying an emergency generator at the Century Link Maintenance Building **Photograph Date:** 3/5/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/6/19 **Alternative/ID Number:** D	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/6/19 **Alternative/ID Number:** D	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/6/19 **Alternative/ID Number:** D	

Photo Log – Alternative E

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Sheetz Store #308 - USTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; A2, A3	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Sheetz Store #308 – Potential soil boring locations near fuel pumps **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; A2, A3	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** On the Run/ EZ Stop #107 **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; A6, A7	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Gasoline UST locations near US-220 for the On the Run/ EZ Stop #107 **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; A6, A7	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Diesel fuel pumps for the On the Run/ EZ Stop #107 **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; A6, A7	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Diesel fuel USTs for the On the Run/ EZ Stop #107 **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; A6, A7	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former loading rack on the southeast corner of the On the Run/ EZ Stop #107 **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; A6, A7	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Getty Mart #11/ 71011 – Currently operated as the Ridgeway Farm Market **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; A8, A9	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Getty Mart #11/ 71011 – Suspected former UST locations **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; A8, A9	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Drewry Mason Elementary School **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; B11, B12, B21	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Royal Pantry gas station **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; C13	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Royal Pantry gas station – UST locations **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; C13	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Royal Pantry gas station – former soil boring location **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; C13	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Peoples Save Station No. 9 **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; C14	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Peoples Save Station No. 9 – Gasoline and diesel fuel USTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; C14	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Peoples Save Station No. 9 – Off-road diesel fuel UST **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; C14	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Peoples Save Station No. 9 – 1,000-gallon AST storing high octane racing fuel - gasoline **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; C14	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Peoples Save Station No. 9 – stream running behind the store **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; C14	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** USTs at the Speedway 4630/ WILCO 663 gas station **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; E52, E53, E54	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Diesel dispensers for the Speedway 4630/ WILCO 663 gas station **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; E52, E53, E54	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Diesel USTs for the Speedway 4630/ WILCO 663 gas station **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; E52, E53, E54	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Kerosene dispenser for the Speedway 4630/ WILCO 663 gas station **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; E52, E53, E54	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Frontage of Virginia Glass Products Co. **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; N61	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Bob's Enterprises – former gas station was located behind the existing Southern Pride Car Wash **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; B22	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** James Whitlow Residence – house is well removed from the road **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; A35	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Frontage of Tractor Supply #1788 **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; E54	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Ken Ashby and Clara Gray Residences – houses are well back from the road **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; C38 & C29	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Glenda McBride Residence – PC# is still open. Former UST area located behind the residence **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; 39	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Glenda McBride Residence – PC# is still open. View of the residence from Ken Lane **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; 39	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** DFI Properties – residence is well back from the road **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; M50	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Warren Trucking, Co., Inc. **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; N57	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Large diesel fuel AST located behind the main building for Warren Trucking, Co., Inc. **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; N57	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Suspected former tank pad/ transformer locations at the Virginia Glass Products Co. **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; N59, N60	

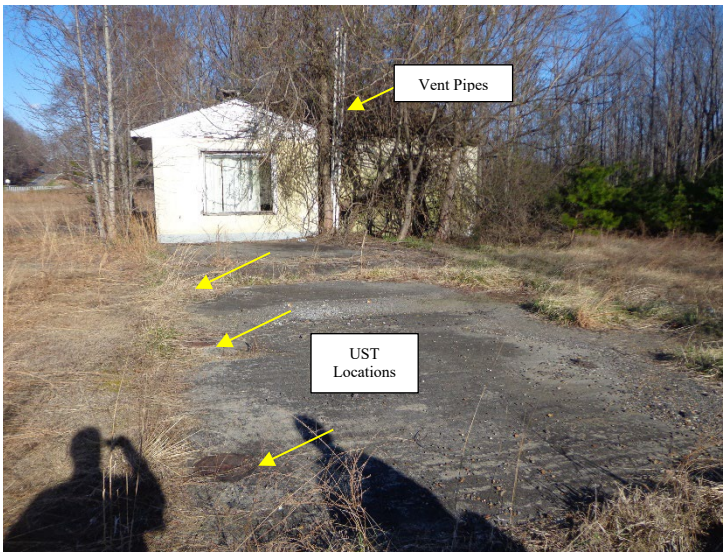
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 100,000-gallon AST and water tower at the Virginia Glass Products Co. **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; N59, N60	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Triwood Inc. – Hopkins Lumber **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; 62	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Robert Orsina Residence – residence is well back from the road **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; 65	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Don Nance Residence – residence is well back from the road **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; O68	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** James McMillan Residence – suspected former tank location **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; O71	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Waddell Adams Residence – residence is well back from the road **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; 73	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Kenneth Branscome Residence – residence is well back from the road **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; M56	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Christine Smith Residence – residence is well back from the road **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; O64	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; D15, D16	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** USTs at the Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; D15, D16	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Racing fuel/gasoline UST at the Ridgemart/ Greensboro Stop & Shop **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; D15, D16	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Rohan Construction, Inc. – currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; D17	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Frontage of Rohan Construction, Inc. – currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; D17	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former UST and car storage behind Rohan Construction, Inc. – Currently operated as Eastwood Towing & Recovery **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; D17	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former ACS Chevron building **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; 20	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former ACS Chevron building, vent pipes, and USTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; 20	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Ridgeway Tire & Auto – NAPA Auto Care Center **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; 1	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Ridgeway Tire & Auto – NAPA Auto Care Center – Temporary Out of Use USTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; 1	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Facility entrance for Radial, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; 55	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Warehouse buildings for Radial, LLC **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; 55	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Ridgeway Furniture/Ridgeway Clock Co. – site is currently abandoned **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; G30, G31, G32	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Ridgeway Furniture/Ridgeway Clock Co. – site is currently abandoned **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; G30, G31, G32	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Ridgeway Furniture/Ridgeway Clock Co. – site is currently abandoned **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; G30, G31, G32	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Chesapeake Custom Chemical Co. – former Southeastern Adhesives Co. – suspected formaldehyde ASTs **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; I36, I37	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** B.W. Brooks & Sons, Inc. – Former garage building behind residence **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; G28	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former Ridgeway Elementary School - Iglesia Cristiana Agape **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; H34, H45	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 55-gallon drums behind old school building most likely containing used cooking grease **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; H34, H45	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 10,000-gallon gasoline UST is listed as temporarily out of service, **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; H34, H45	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Lynn Metzger Residence – PC# is still open **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; H44	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Main Street Market gas station – UST locations **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; J40, J41	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Main Street Market gas station – AST locations **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; J40, J41	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Esther Mason Residence – suspected former tank location **Photograph Date:** 3/5/19 **Alternative/ID Number:** E; 48	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** W.C. Eanes Construction Co. – residence is well back from the road **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; 66	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** James Kellum Residence **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; 67	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Dan Pace Residence – residence is well back from the road **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; 70	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Daytona Ridgeway Mart gas station **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; 72	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Daytona Ridgeway Mart gas station – gasoline UST locations **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; 72	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Daytona Ridgeway Mart gas station – diesel UST location **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; 72	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Daytona Ridgeway Mart gas station – fuel pumps and former monitoring well location **Photograph Date:** 3/6/19 **Alternative/ID Number:** E; 72	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Kwik Lube Pennzoil 10-minute Oil Change Center **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** View behind the Kwik Lube Pennzoil 10-minute Oil Change Center **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Last Chance Auto – former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Last Chance Auto – former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Last Chance Auto – former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** R&J Tire Service, Inc. **Photograph Date:** 3/6/19 **Alternative/ID Number:** E	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Used tire storage behind the R&J Tire Service, Inc. **Photograph Date:** 3/6/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Briggs Auto Service – former service garage **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 275-gallon No. 2 Fuel Oil AST behind the Briggs Auto Service – former service garage **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Tires and debris in the woods behind the Briggs Auto Service – former service garage **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Sheppard Furniture Co. **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 275-gallon ASTs at the Sheppard Furniture Co. **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** 275-gallon ASTs at the Sheppard Furniture Co. **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** C&W Diesel Works – Water Plant Road **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Century Link Maintenance Building **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Double-walled diesel AST supplying an emergency generator at the Century Link Maintenance Building **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/6/19 **Alternative/ID Number:** E	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/6/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Former gasoline station - potentially one of the unmapped/orphaned UST sites in the Envirosite report **Photograph Date:** 3/6/19 **Alternative/ID Number:** E	

Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** AEP Rich Acres substation **Photograph Date:** 3/5/19 **Alternative/ID Number:** E	
Project Name: Martinsville Southern Connector Study US 220 Draft Environmental Impact Statement **Photograph Description:** Gunter Nissan of Martinsville – Service Department **Photograph Date:** 3/5/19 **Alternative/ID Number:** E