



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
SOMERSET FARM PARCEL 5  
ORANGE COUNTY, VIRGINIA**

**TNT PROJECT NO: 422-C**

**FOR**

**SOMERSET GROUP, LLC.**

**JULY 23, 2019**



July 23, 2019

Mr. Peter Jarowey  
Somerset Group, LLC.  
214 Windsor Road  
Waban, MA 02468-1120

TNT Project Number: 422-C

Reference: Phase I Environmental Site Assessment Report, Somerset Farm Parcel 5, Orange County, Virginia  
Latitude: 38° 22' 46" N, Longitude: -77° 45' 26" W

Dear Mr. Jarowey,

TNT Environmental, Inc. (TNT) is pleased to provide the results of the Phase I Environmental Site Assessment (Phase I ESA) report of the abovementioned property (the "Site"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

TNT would like to thank you for the opportunity to provide you with this Phase I ESA. We look forward to assisting you further with this project and other environmental concerns you may have. If you have any questions, please feel free to contact us at any time at (703) 466-5123.

Sincerely,

**TNT ENVIRONMENTAL, INC.**

Megan Sellers  
Environmental Scientist  
[Meggan@TNTenvironmentalinc.com](mailto:Meggan@TNTenvironmentalinc.com)

Avi M. Sareen, PWS, PWD, ISA-CA  
Principal/President  
[Avi@TNTenvironmentalinc.com](mailto:Avi@TNTenvironmentalinc.com)

## 1.0 EXECUTIVE SUMMARY

TNT Environmental, Inc. (TNT) was asked to perform an ASTM Standard E 1527-13, Phase I Environmental Site Assessment (ESA) for Somerset Group, LLC (the User) of the Somerset Farm Parcel 5 Property located north of Skinker Road and on either side Somerville Road in Orange County, Virginia (the "Site"). Any exceptions to or deletions from this practice are described in Section 2.3 of this report.

The Somerset Farm Parcel 5 Property Site, also referred to as the "Site," is located north of Skinker Road and on either side of Somerville Road in Orange County, Virginia. The project site is further identified by Orange County Parcel Numbers: 0040000000005A, 0040000000005B, 0040000000005C, 0040000000005D, 0040000000005H, and 004A0000D00010. The project area consists of mostly wooded land with two dilapidated structures. There is a small area of cleared land in the northern portion of the Site.

Based on our review of historical and regulatory information, there are no neighboring properties were identified within regulatory databases reviewed. The Rapidan Golf Course is located north of the Site and residential structures are west of the Site. Residential construction appears to be taking place west of the Site. There is a golf maintenance building and mostly wooded land northeast of the Site.

*De minimis* conditions are conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action of brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not RECs. The following *de minimis* conditions were observed onsite:

- Discarded items were noted throughout the site and included tires, couches, PVC and metal pipes, metal scrapes and an empty 55-gallon plastic drum.

As documented in this report, this assessment has revealed no Recognized Environmental Conditions (RECs) in connection with the Site.

This Executive Summary is an integral part of the Phase I Environmental Site Assessment and this report should be read in its entirety.

## 2.0 INTRODUCTION

### **2.1 Purpose and Scope of Services**

The environmental assessment was conducted in conformance with the scope and limitations of ASTM E 1527-13 and EPA Standards for All Appropriate Inquiry. The environmental assessment was performed under the supervision or responsible charge of an individual that qualifies as an environmental professional as defined in 40 CFR §312.10.

ASTM E 1527-13 defines a "recognized environmental condition" as: "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

ASTM E 1527-13 defines a "business environmental risk" as "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate". Client-imposed limitations and site condition limitations, if encountered, are detailed in Section 2.3, 2.4, and 2.5.

This assessment was performed to identify recognized environmental conditions based on a review of reasonably ascertainable information and visual observation for evidence of a release or threat of a release of hazardous substances or petroleum products at or in the vicinity of the Site.

### **2.2 Objectives**

The Objectives of the ESA are to:

- Evaluate the probability of impact of the surface water, groundwater and/or soils within the property boundaries through a review of regulatory information and a reconnaissance of the subject site and vicinity;
- Evaluate historical conditions to identify previous usage that could impact the environmental condition of the site;
- Determine, if contamination is believed to have occurred, the potential on-site and off-site source material(s), location(s) and activities; and,
- Conduct all appropriate inquiry as defined by ASTM E 1527-13.

Among other reasons, the User is having the Phase I ESA performed so it may qualify for the landowner liability protections, including the Bona Fide Prospective Purchaser liability protection, available to purchasers under the Comprehensive Environmental Response, Compensation and Liability Act and Virginia law.

### **2.3 Limitations**

This study and report have been prepared on behalf of and for the exclusive use of Somerset Group, LLC. and their affiliates, successors, prospective partners, lenders or assigns, solely for the use in an environmental assessment of the Site in accordance with the agreed upon scope of services. This ESA report may be disseminated to other parties involved in this potential real estate transaction for informational purposes only. The dissemination of the information contained in this report does not extend reliance of the report.

The conclusions provided in this report are based only on the information contained in this document. Additional information with respect to this Site or nearby properties, which was not available at the time this assessment was prepared, could modify the conclusions stated herein. This report has been prepared in accordance with the ASTM E 1527-13 Standard; no other warranty, expressed or implied, is made.

### **2.4 Special Terms and Conditions**

TNT was not provided with Special Terms and Conditions in connection with this Phase I ESA.

### **2.5 Methodology Used and Limiting Conditions**

This Phase I ESA was performed in conformance with the scope and limitations of the ASTM E 1527-13 Standard. TNT reviewed reasonably ascertainable state and Federal environmental regulatory records, as well as historical maps and data regarding the Site and immediate vicinity. The User (the party seeking to use practice E 1527-13) and government officials were contacted to obtain additional information pertaining to the Site. A site reconnaissance was conducted by Ms. Meggan Sellers of TNT Environmental, Inc. on July 12, 2019 to determine if any recognized environmental conditions and/or areas of potential environmental concern were present on the Site.

## **3.0 SITE DESCRIPTION**

### **3.1 Site Location and General Site Description**

The Somerset Farm Parcel 5 Property Site, also referred to as the "Site," is located north of Skinker Road and on either side of Somerville Road in Orange County, Virginia. (Appendix I, Figure 1). The project site is further identified by Orange County Parcel Numbers: 004000000005A, 004000000005B, 004000000005C, 004000000005D, 004000000005H, and

004A0000D00010. The Site consists of mostly wooded land with a two dilapidated structures and large abandoned truck bed. There is a small area of cleared land in the northern portion of the Site.

### **3.2 Current Use of the Subject Property**

The site is currently vacant mostly wooded land with a small portion of cleared land in the northern portion of the Site located near the Rapidan Golf Course. There are two dilapidated structures and an abandoned truck located within the wooded portion of the Site.

### **3.3 Description of Site Structures**

Two dilapidated structures are located onsite.

### **3.4 Site Utilities**

According to the Orange County GIS website, three parcels within the Site are connected to a well and septic system. The health department indicated they have records of newly installed water supply and sewage disposal systems from October of 1989 and December of 1993.

### **3.5 Current Use of Adjacent Properties**

The Site is surrounded by residential land to the south and west, the Rapidan Golf Course to the north, the Rapidan River to the east.

### **3.6 Physical Setting and Hydrogeology**

According to the Germanna USGS topographic quadrangle map, the Site is situated approximately 260-300 above mean sea level (MSL) in the northwestern portion of the site, and 300-350 feet MSL in the eastern portion. The site slopes to the east towards the Rapidan River. A copy of the topographic map is included as Figure 2 in Appendix I.

The virgin soils encountered in this area are predominantly the residual product of in-place weathering of rock. The weathering is more advanced near the surface grades to less weathered rock and bedrock. In this geologic setting, groundwater may occur within residual soils and the underlying rock. In topographically higher areas where residual soils may be thin, groundwater may be absent in the residual soils. Groundwater recharge occurs primarily by infiltration along higher elevations and with discharge occurring into streams or other surface water bodies located at lower elevations. The elevation of the shallow water table is transient and can vary with seasonal fluctuations in precipitation. However, the natural groundwater flow direction can be affected by pumping from high capacity wells and permanent or temporary de-watering systems.

As such, shallow groundwater would be expected to flow generally to the east. Actual Site groundwater flow direction cannot be determined without site-specific groundwater information determined through the installation of groundwater monitoring wells.

#### **4.0 SITE RECONNAISSANCE**

Ms. Meggan Sellers of TNT Environmental, Inc. performed a site reconnaissance on July 11, 2019 under the supervision of Ms. Lauren Duvall, (Environmental Professional). The weather at the time was sunny and hot. The site reconnaissance included walking the site boundaries and the interior of the property to visually observe existing conditions and to identify recognized environmental conditions and/or areas of potential environmental concern for the Site. Photographs documenting the site reconnaissance are included in Appendix V. The following observations were made concerning features on the Site during the site reconnaissance:

##### **4.1 On-Site Features**

The Site consists of two dilapidated buildings and an abandoned truck bed. The Site contains discarded items such as tires, couches, PVC and metal pipes, metal scrapes and an empty 55-gallon plastic drum throughout.

##### **Storage Tanks (Underground/Aboveground)**

No storage tanks were observed onsite.

##### **Polychlorinated Biphenyls (PCBs)**

Powerlines are located onsite and two (2) pole-mounted transformers were observed onsite. No leaks/staining were observed around the units.

##### **Heating and Cooling**

No heating or cooling units were observed.

##### **Dumped Materials/Solid Waste**

No solid waste was observed. Discarded items including wooden structures, metal scrapes, a few tires, couches, metal and PVC pipes, and an empty 55-gallon plastic drum were observed.

##### **Wells (Potable, Monitoring, Dry, Irrigation, Injection, and/or Abandoned)**

A concrete vault potentially associated with a septic system was observed onsite. Based on County records, wells and septic system are recorded onsite.

##### **Strong, Pungent or Noxious Odors**

No strong, pungent or noxious odors were observed onsite.

**Surface Waters (Pits, Ponds, and/or Lagoons)**

One culvert and ditch were located along the boundary of the Site.

**Standing Pools of Liquid (Likely Containing Petroleum or Hazardous Substances)**

No standing pools of liquid were observed.

**Drums/Containers of Petroleum or Hazardous Substances Greater than 5 Gallons**

No drums/containers of petroleum or hazardous substances greater than 5 gallons were observed.

**Drums/Containers of Petroleum or Hazardous Substances Less than 5 Gallons**

No drums/containers of petroleum or hazardous substances less than 5 gallons were observed.

**Unidentified opened or damaged containers of petroleum or hazardous substances**

No unidentified opened or damaged containers of petroleum or hazardous substances were observed.

**Stains or corrosion to floors, walls or ceilings**

No stains or corrosion to floors, walls or ceilings were observed.

**Floor drains/sump pumps**

No floor drains were observed.

**Stained soil/pavement or stressed vegetation**

No stained soil/pavement or stressed vegetation was observed.

**Solid waste mounds/non-natural fill materials**

No solid waste mounds or non-natural fill materials were observed.

**Wastewater discharges into drains, ditches or streams**

No wastewater discharge was observed.

**Septic systems or cesspools**

A concrete vault likely associated with a septic system was observed onsite.

### **Elevators**

No elevators were observed.

### **Dry Cleaning**

No dry-cleaning operations were observed.

### **Onsite Emergency Generators**

No emergency generators were observed.

## **4.2 Adjacent and Nearby Properties**

During the site reconnaissance, contiguous and nearby properties were observed from a walking and vehicular reconnaissance of the property boundaries and public places. The Site is surrounded by residential land to the west and south, wooded land to the east and the Rapidan Golf Course to the north.

## **5.0 REGULATORY REVIEW**

### **5.1 Records Review**

A regulatory records search of ASTM standard and supplemental databases was conducted for the Site and is included in Appendix II. The regulatory search report in the appendix includes additional details about the regulatory databases that were reviewed. The regulatory records search involves searching a series of databases for facilities that are located within a specified distance from the subject property.

The ASTM standard specifies an approximate minimum search distance from the subject site for each database. Pursuant to ASTM, the approximate minimum search distance may be reduced for each standard environmental record except for Federal NPL site list, and Federal RCRA TSD list.

According to ASTM, government information obtained from nongovernmental sources may be considered current if the source updates the information at least every 90 days or, for information that is updated less frequently than quarterly by the government agency, within 90 days of date the government agency makes the information available to the public.

Based on our knowledge of the Site and the surrounding area, we attempted to verify and interpret this data. While this attempt at verification was made with due diligence, we cannot guarantee the accuracy of the record(s) search beyond that of information provided by the regulatory report(s). Mapped and unmapped sites identified in the regulatory report(s) that are not addressed below were

field verified and are not believed to be within the approximate minimum search distance and are excluded from this ESA report. TNT makes no warranty regarding the accuracy of the database report information included within the regulatory report(s).

No changes were made to the ASTM Standard's records review search distances.

#### **Superfund National Priorities List (NPL)**

The "Superfund" NPL is a compilation of properties considered by the EPA as being uncontrolled or abandoned hazardous waste sites that require priority consideration for remedial action under the Federal Superfund Program. The minimum ASTM distance search of 1.0 miles was maintained. ASTM does not allow the search distance of this database to be reduced.

The database review identified no NPL listing of the Site or properties within the search distance.

#### **Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List**

CERCLIS sites are those that the EPA has investigated or is currently investigating for a release or threatened release of a hazardous substance pursuant to the 1980 CERCLA Act. The minimum ASTM search distance of 0.5 miles was maintained.

The database review identified no CERCLIS listing of the Site or properties within the search distance.

#### **No Further Remediation Action Planned Sites (NFRAP) List**

Also known as the CERCLIS archives, this database contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without the 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 minimum ASTM search distance of "the property and adjoining" was maintained.

The database review identified no NFRAP listing of the Site or properties within the search distance.

#### **Resource Conservation Recovery Act (RCRA) Corrective Action Site (CORRACTS)**

The EPA maintains this database of RCRA facilities at which "corrective action orders" have been issued when there has been a release of hazardous waste or chemicals. Corrective action may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA regulations. The minimum ASTM search distance of 1.0 miles was maintained.

The database review identified no CORRACTS listing of the Site or properties within the search distance.

#### **Resource Conservation Recovery Act - Treatment, Storage, and Disposal Facilities (RCRATSD)**

RCRA regulations apply to facilities that treat, store, transport or dispose of hazardous wastes. The RCRA Notifiers list identifies facilities that treat, store or dispose of hazardous wastes. The minimum ASTM search distance of 0.5 miles was maintained. ASTM does not allow the search distance of this database to be reduced.

The database review identified no RCRA-TSD listing of the Site or properties within the search distance.

**Resource Conservation Recovery Act - Large Quantity and Small Quantity Generators (RCRA-LQG, RCRA-SQG, RCRA-CESQG, and RCRA-Non-Gen) List**

The RCRA regulations apply to facilities that generate hazardous waste. The inclusion of a property on the RCRA database does not imply hazardous waste has been released into the environment, only that it is generated at that property. The minimum ASTM search distance of “the property and adjoining” was maintained.

The database review identified no RCRA-LQG, RCRA-SQG, RCRA-CESQG or RCRA-Non-Gen listings of the Site or within the search distance.

**Emergency Response Notification System (ERNS) List**

The ERNS list is a national database that contains information on releases of oil and hazardous substances. The minimum ASTM search distance of “the property only” was maintained.

The database review identified no ERNS listings on the Site or within the search distance.

**State Equivalent NPL or CERCLIS Lists**

Virginia does not maintain a State NPL or CERCLIS lists that differ from the Federal NPL or CERCLIS list discussed above. However, the Virginia Voluntary Remediation Program (VRP) lists sites that have documented releases and are not regulated under other established state or federal regulations. Under the VRP, the responsible party has voluntarily agreed with the DEQ to remediate the site to an agreed upon risk-based threshold.

The database review identified no listing of the Site or properties within the search distance on this database.

**Solid Waste Management Facilities List**

The database review identified no solid waste management facilities on the Site or properties within the search distance on this database. The minimum ASTM search distance of 0.5 miles was maintained.

**Leaking Underground Storage Tank (LUST), Leaking Aboveground Storage Tank (LAST), and LTANKS**

The LUST/LTANK and LAST database contains summary information pertaining to all reported Leaking Underground Storage Tanks (LUSTs); Leaking Tanks (LTANKS), or Aboveground Storage Tanks (ASTs) located in the State. The minimum ASTM search distance of 0.5 miles was used.

The database review identified no LUST/LTANK listings within 0.5 miles of the Site.

#### **Registered Underground Storage Tank (UST) List**

The UST and AST list is a comprehensive list of all registered active and inactive underground and aboveground storage tanks located within the State. Non-regulated USTs, including USTs storing fuel oil for on-use consumption, and ASTs less than 660 gallons are not included on this list. The minimum ASTM search distance of 0.25 miles was expanded to 1.00 miles due to the size of the target property.

The database review identified no UST listings of the Site.

#### **MANIFEST List**

MANIFEST is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility. The database review identified no MANIFEST listing of the Site or adjacent properties within the search distance of the Site.

#### **Federal ASTM Supplemental**

The databases included in this group include CONSENT, ROD, Delisted NPL, FINDS, HMIRS, MLTS, MINES, NPL Liens, PADS, FUDS, UMTRA, ODI, US ENG CONTROLS, INDIAN RESERVE, DOD, RAATS, TRIS, TSCA, SSTS, AND FTTS. These databases are, in many but not all, cases, duplicative of the previously listed Federal databases. Searching these databases for references to the target property or nearby properties serves as confirmation that the Site or nearby properties have not been identified as being uncontrolled or abandoned hazardous waste sites that require remedial action under various Federal Programs.

The Site was not identified as a FINDS facility. No surrounding properties within the specified search radius were identified.

#### **State or Local ASTM Supplemental**

Databases included in this group include AST, VA Spills, CRDS, ENF and DRYCLEANERS. As with the Federal Supplemental list, these databases are, in many but not all, cases, duplicative of the previously listed State databases. Searching these databases for references to the target property or nearby properties serves as confirmation that the Site or nearby properties have not been identified as being uncontrolled or abandoned hazardous waste sites that require remedial action under various State Programs.

The Site was not identified on any of the State or Local ASTM Supplemental databases.

#### **Brownfields Databases**

Databases included in this group include US BROWNFIELDS, US INST CONTROL, VRP/VCP, INST CONTROL and BROWNFIELDSD. These databases may contain duplicate entries from other databases searched as part of the ASTM Standard requirement although typically sites included in the programs included in these databases have environmental issues that are not significant enough to merit action under other Federal or State programs.

The Site was not identified on any of databases listed above.

## **6.0 HISTORICAL USE INFORMATION**

### **6.1 Ownership and Occupant Information**

The Site is currently owned by VAREALCO. According to the Orange County GIS Website, one of the dilapidated structures was built for residential use.

### **6.2 Aerial Photographs**

Historic aerial photographs were accessed from various online sources. Aerials were available for review from 1963, 1966, 1969, 1980, 1994, 1995, 2002-2009, 2011-2015, and 2017. The Site appears to contain a small structure and two roads/paths located in the center of the Site. The roads seem to be Skinker Road and Stefs Landing. North of the Site appears to be farm land. A structure at the end of Skinker Road first appears in the 1980 aerial. At the property at the end of Skinker Road appears to have more cleared land in the 1994 photo. The Rapidan Golf Club and golf maintenance building appears to have been built in the 2002 aerial. A new structure to the east of the Site appears in the 2002 aerial. Construction southwest of the Site appears in the 2003 aerial. The extents of construction activities in the 2003 aerial expands in the 2005 aerial. What seems to be residential structures first appear to the west in the 2007 aerial. More residential structures appear to the west in the 2017 aerial.

### **6.3 City Directories**

Based on the historical vacant and partial residential use of the subject site and its vicinity, city directories do not provide insight regarding the environmental history of the subject site.

### **6.4 Sanborn Fire Insurance Maps**

Sanborn Maps do not provide coverage of the Site. The absence of such maps generally indicates that the property is located in an area where production of directories was not economically feasible.

## **7.0 USER'S RESPONSIBILITIES**

In order to qualify for one of the Landowner Liability Protections (LLPs) under CERCLA, the User must provide knowledge through the Site, which can be determined through completion of a User Questionnaire. Failure to provide this information could result in the determination that the "all appropriate inquiry" is not complete and, therefore, the forfeiture of CERCLA protection. A User Questionnaire was not provided to TNT.

### **7.1 Environmental Liens or Activity and Use Limitations (AULs)**

TNT was contracted to provide an environmental lien or activity and use limitation search for the Site. No environmental lien or AULs were found in the search.

### **7.3 Specialized Knowledge or Experience of the User**

It is the User's responsibility to communicate any information based on specialized knowledge or experience that is material to recognized environmental conditions in connection with the property. TNT was not provided with specialized knowledge or experience by the User.

### **7.4 Fair Market Value**

The ASTM Standard states: *Reason for Significantly Lower Purchase Price*—"In a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The user should try to identify an explanation for a lower price which does not reasonably reflect fair market value if the property were not contaminated, and make a written record of such explanation. Among the factors to consider will be the information that becomes known to the user pursuant to the Phase I Environmental Site Assessment." This standard does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property. TNT was not provided with a fair market value by the User.

### **7.5 Commonly Known or Reasonably Ascertainable Information**

It is the User's responsibility to identify any commonly known or reasonably ascertainable information within the local community about the property that is material to recognized environmental conditions. TNT was not provided with additional information by the User.

## **8.0 FOIAS AND INTERVIEWS**

A Freedom of Information Act (FOIA) request was submitted to the Orange County Health Department on June 19, 2019 for information contained in their files regarding incidents or spills involving petroleum or hazardous substances, as well as well and septic records located on and within the vicinity of the subject property. A response from the Health Department was received on June 26, 2019. The health department indicated they have records of newly installed water supply and sewage disposal systems from October of 1989 and December of 1993.

A FOIA request was submitted to the Office of the Fire Marshal for any information regarding fire or environmental incidents involving hazardous and petroleum containing products. Based on a response on June 25, 2019, the Office of the Fire Marshal indicated they have no records found in association with the Site.

## **9.0 ADDITIONAL SERVICES**

### **9.1 Non-Scope Issues**

ASTM guidelines identify non-scope issues, which are beyond the scope of this practice. Non-scope issues have the potential to be business environmental risks. Some of these non-scope issues include; asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands and mold. TNT was not requested to perform non-scope items.

## 9.2 Previous Reports Review

TNT has not prepared previous reports for this Site.

## 10.0 CONCLUSIONS AND RECOMMENDATIONS

TNT Environmental, Inc. (TNT) was asked to perform an ASTM Standard E 1527-13, Phase I Environmental Site Assessment (ESA) for Somerset Group, LLC (the User) of the Somerset Farm Parcel 5 Property located north of Skinker Road and on either side Somerville Road in Orange County, Virginia (the "Site"). Any exceptions to or deletions from this practice are described in Section 2.3 of this report.

The Somerset Farm Parcel 5 Property Site, also referred to as the "Site," is located north of Skinker Road and on either side of Somerville Road in Orange County, Virginia. The project site is further identified by Orange County Parcel Numbers: 0040000000005A, 0040000000005B, 0040000000005C, 0040000000005D, 0040000000005H, and 004A0000D00010. The project area consists of mostly wooded land with two dilapidated structures. There is a small area of cleared land in the northern portion of the Site.

Based on our review of historical and regulatory information, there are no neighboring properties were identified within regulatory databases reviewed. The Rapidan Golf Course is located north of the Site and residential structures are west of the Site. Residential construction appears to be taking place west of the Site. There is a golf maintenance building and mostly wooded land northeast of the Site.

*De minimis* conditions are conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action of brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not RECs. The following *de minimis* conditions were observed onsite:

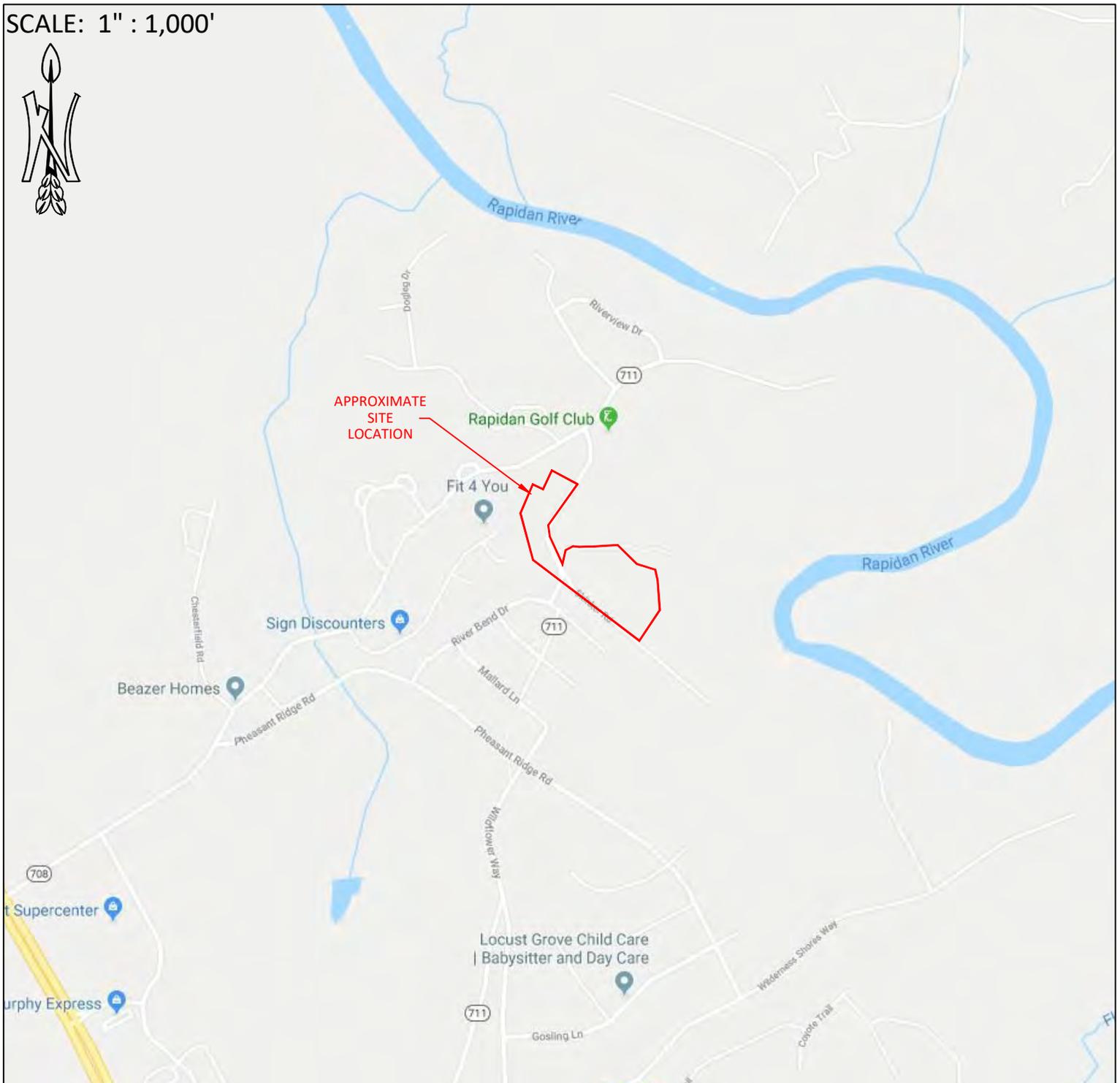
- Discarded items were noted throughout the site and included tires, couches, PVC and metal pipes, metal scrapes and an empty 55-gallon plastic drum.

As documented in this report, this assessment has revealed no Recognized Environmental Conditions (RECs) in connection with the Site.

## **APPENDIX I**

### **FIGURES**

SCALE: 1" : 1,000'



PHASE I ENVIRONMENTAL  
SITE ASSESSMENT

SOMERSET FARM PARCEL 5

ORANGE COUNTY, VA

JULY 2019



ENVIRONMENTAL

13996 PARKEAST CIRCLE  
SUITE 101  
CHANTILLY, VIRGINIA  
20151

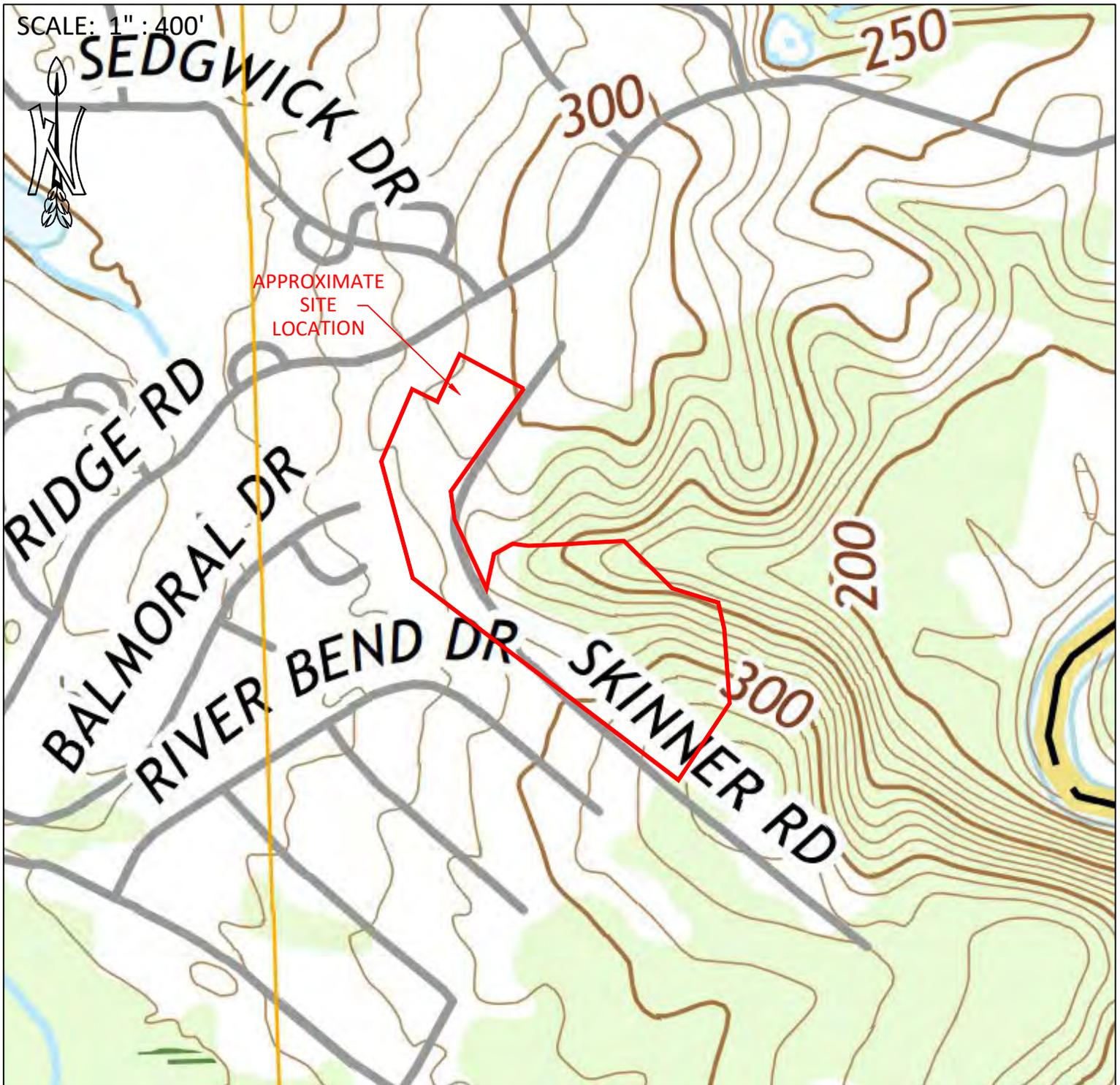
**FIGURE 1**

SITE LOCATION MAP

SOURCE: GOOGLE MAPS

TNT PROJECT NO: 422-C

SCALE: 1" : 400'



PHASE I ENVIRONMENTAL  
SITE ASSESSMENT

SOMERSET FARM PARCEL 5

ORANGE COUNTY, VA

JULY 2019



**ENVIRONMENTAL**  
13996 PARKEAST CIRCLE  
SUITE 101  
CHANTILLY, VIRGINIA  
20151

**FIGURE 2**

TOPOGRAPHIC MAP

SOURCE: GERMANNA, VA  
USGS QUAD MAP (2016)

TNT PROJECT NO: 422-C

**APPENDIX II**

**REGULATORY REVIEW INFORMATION**

**Somerset Farm Parcel 5**

Not Reported

Locust Grove, VA 22508

Inquiry Number: 5689572.2s

June 20, 2019

# The EDR Radius Map™ Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	8
Orphan Summary .....	9
Government Records Searched/Data Currency Tracking .....	GR-1

## GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

NOT REPORTED  
LOCUST GROVE, VA 22508

#### COORDINATES

Latitude (North): 38.3789480 - 38° 22' 44.21"  
Longitude (West): 77.7563860 - 77° 45' 22.98"  
Universal Tranverse Mercator: Zone 18  
UTM X (Meters): 259219.7  
UTM Y (Meters): 4251252.5  
Elevation: 282 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5954469 GERMANNA BRIDGE, VA  
Version Date: 2013

Northeast Map: 5950541 RICHARDSVILLE, VA  
Version Date: 2013

Southeast Map: 5950501 CHANCELLORSVILLE, VA  
Version Date: 2013

Southwest Map: 5949780 MINE RUN, VA  
Version Date: 2013

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140816  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
NOT REPORTED  
LOCUST GROVE, VA 22508

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
--------	-----------	---------	-------------------	--------------------	----------------------------

NO MAPPED SITES FOUND

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

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

## DATABASES WITH NO MAPPED SITES

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

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

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

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

### ***Federal RCRA generators list***

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

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List

## EXECUTIVE SUMMARY

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

### **Federal ERNS list**

ERNS..... Emergency Response Notification System

### **State- and tribal - equivalent CERCLIS**

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

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

SWF/LF..... Solid Waste Management Facilities

### **State and tribal leaking storage tank lists**

LUST..... Leaking Underground Storage Tank Tracking Database

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

LTANKS..... Leaking Petroleum Storage Tanks

### **State and tribal registered storage tank lists**

FEMA UST..... Underground Storage Tank Listing

UST..... Registered Petroleum Storage Tanks

AST..... Registered Petroleum Storage Tanks

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

### **State and tribal institutional control / engineering control registries**

ENG CONTROLS..... Engineering Controls Sites Listing

INST CONTROL..... Voluntary Remediation Program Database

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Remediation Program

### **State and tribal Brownfields sites**

BROWNFIELDS..... Brownfields Site Specific Assessments

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

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

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

## EXECUTIVE SUMMARY

### **Local Lists of Hazardous waste / Contaminated Sites**

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

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Prep/Spills Database Listing  
SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
FINDS..... Facility Index System/Facility Registry System  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
UXO..... Unexploded Ordnance Sites  
ECHO..... Enforcement & Compliance History Information

## EXECUTIVE SUMMARY

FUELS PROGRAM.....	EPA Fuels Program Registered Listing
AIRS.....	Permitted Airs Facility List
NPDES.....	Comprehensive Environmental Data System
COAL ASH.....	Coal Ash Disposal Sites
DRYCLEANERS.....	Drycleaner List
ENF.....	Enforcement Actions Data
Financial Assurance.....	Financial Assurance Information Listing
TIER 2.....	Tier 2 Information Listing
UIC.....	Underground Injection Control Wells

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

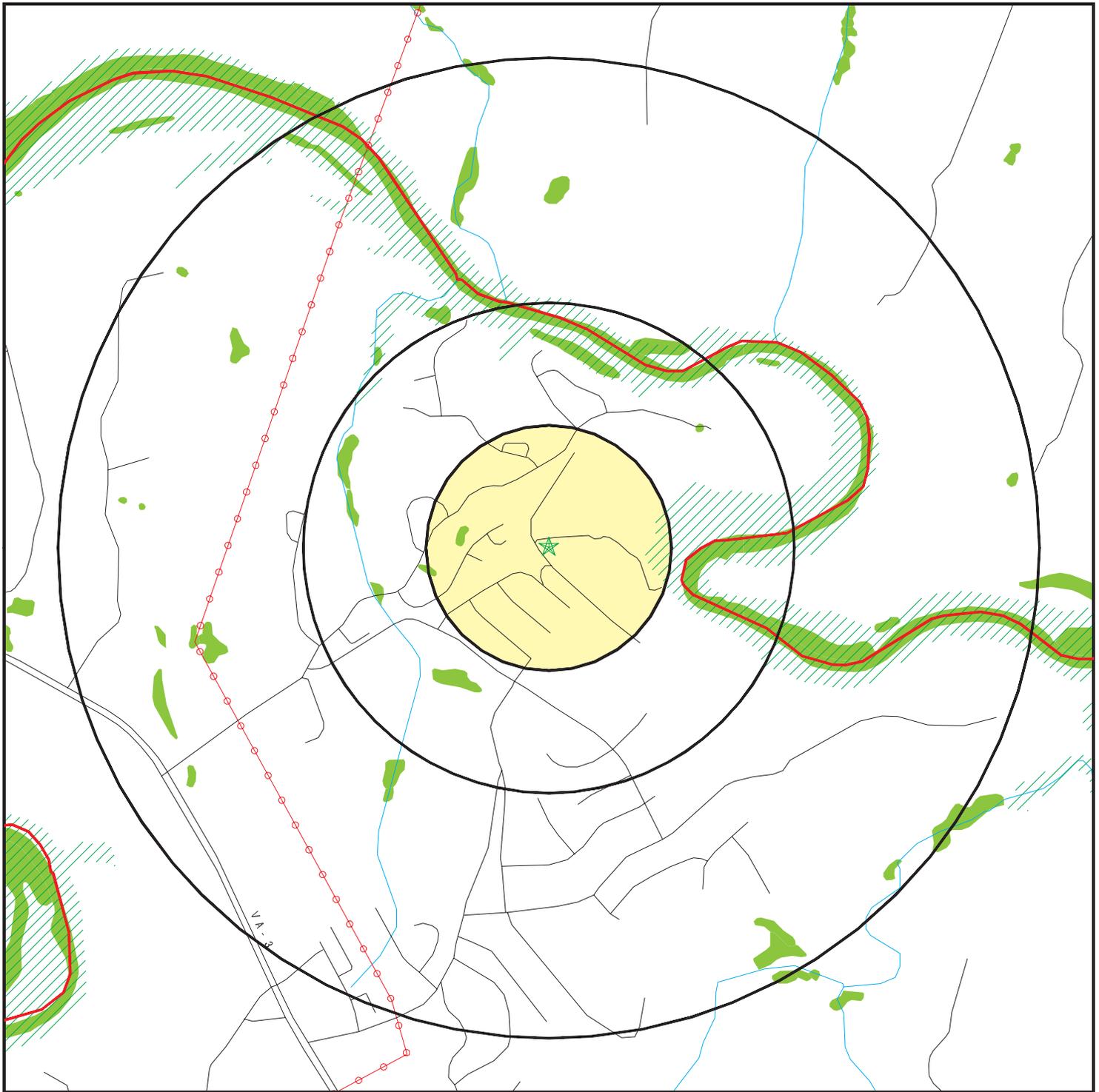
Surrounding sites were not identified.

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

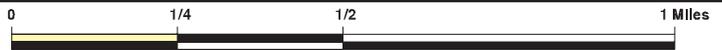
## EXECUTIVE SUMMARY

There were no unmapped sites in this report.

# OVERVIEW MAP - 5689572.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites
- ☒ Indian Reservations BIA
- ⚡ County Boundary
- ⚡ Power transmission lines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory

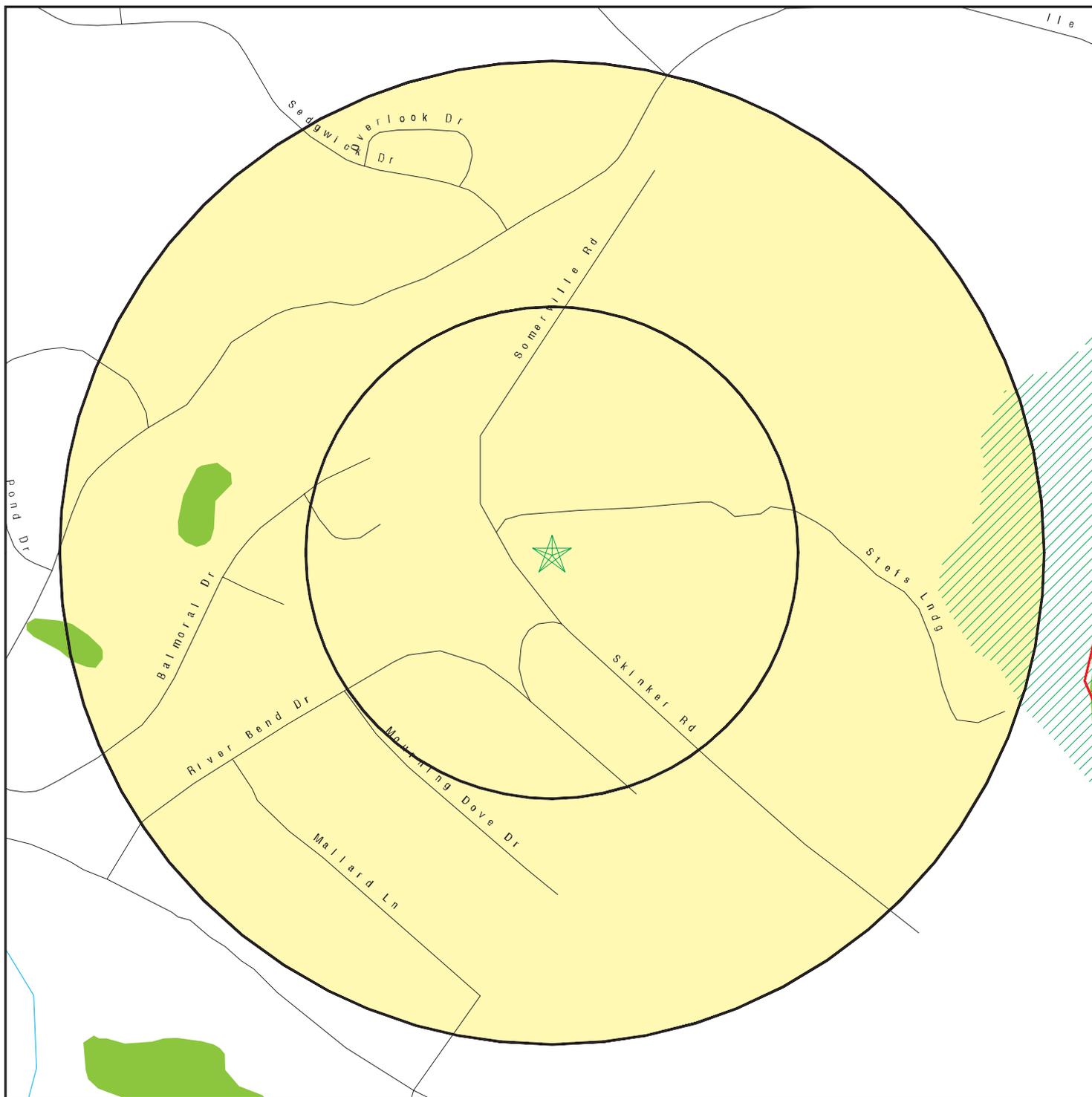


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Somerset Farm Parcel 5  
 ADDRESS: Not Reported  
 Locust Grove VA 22508  
 LAT/LONG: 38.378948 / 77.756386

CLIENT: TNT Environmental, Inc.  
 CONTACT: Lauren Duvall  
 INQUIRY #: 5689572.2s  
 DATE: June 20, 2019 11:21 am

# DETAIL MAP - 5689572.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- 🏠 National Priority List Sites
- 🏢 Dept. Defense Sites

- 0 1/16 1/8 1/4 Miles
- Indian Reservations BIA
- County Boundary
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

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

SITE NAME: Somerset Farm Parcel 5  
 ADDRESS: Not Reported  
 Locust Grove VA 22508  
 LAT/LONG: 38.378948 / 77.756386

CLIENT: TNT Environmental, Inc.  
 CONTACT: Lauren Duvall  
 INQUIRY #: 5689572.2s  
 DATE: June 20, 2019 11:22 am

## MAP FINDINGS SUMMARY

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

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LF	TP		NR	NR	NR	NR	NR	0
--------	----	--	----	----	----	----	----	---

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	0	0	0	0	0	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO SITES FOUND

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### NPL: National Priority List

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

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 06/06/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 06/06/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 04/11/2019  
Date Data Arrived at EDR: 04/18/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 26

Source: EPA  
Telephone: N/A  
Last EDR Contact: 06/06/2019  
Next Scheduled EDR Contact: 07/15/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019  
Date Data Arrived at EDR: 04/05/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 04/05/2019  
Next Scheduled EDR Contact: 07/15/2019  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMs by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019  
Date Data Arrived at EDR: 04/18/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 06/06/2019  
Next Scheduled EDR Contact: 07/29/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 800-424-9346
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 06/06/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

## RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

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

Date of Government Version: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/25/2019

Date Data Arrived at EDR: 03/26/2019

Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019

Data Release Frequency: Quarterly

## **State- and tribal - equivalent CERCLIS**

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

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: Department of Environmental Quality

Telephone: 804-698-4236

Last EDR Contact: 06/17/2019

Next Scheduled EDR Contact: 09/30/2019

Data Release Frequency: N/A

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

SWF/LF: Solid Waste Management Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/04/2019

Date Data Arrived at EDR: 03/05/2019

Date Made Active in Reports: 04/10/2019

Number of Days to Update: 36

Source: Department of Environmental Quality

Telephone: 804-698-4238

Last EDR Contact: 06/03/2019

Next Scheduled EDR Contact: 09/16/2019

Data Release Frequency: Semi-Annually

## **State and tribal leaking storage tank lists**

LUST REG NO: Leaking Underground Storage Tank Tracking Database

Leaking underground storage tank site locations. Includes: counties of Arlington, Caroline, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Madison, Orange, Prince William, Rappahannock, Spotsylvania, Stafford; cities of Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, Manassas Park.

Date of Government Version: 05/18/2004

Date Data Arrived at EDR: 05/22/2004

Date Made Active in Reports: 07/09/2004

Number of Days to Update: 48

Source: Department of Environmental Quality Northern Regional Office

Telephone: 703-583-3800

Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011

Data Release Frequency: No Update Planned

LUST REG PD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locations. Includes: counties of Amelia, Brunswick, Charles City, Chesterfield, Dinwiddie, Essex, Gloucester, Goochland, Greenville, Hanover, Henrico, King and Queen, King William, Lancaster, Mathews, Middlesex, New Kent, Northumberland, Powhatan, Prince George, Richmond, Surry, Sussex, Westmoreland; cities of Colonial Heights, Emporia, Hopewell, Petersburg.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/02/2014  
Date Data Arrived at EDR: 12/04/2014  
Date Made Active in Reports: 01/16/2015  
Number of Days to Update: 43

Source: Department of Environmental Quality Piedmont Regional Office  
Telephone: 804-527-5020  
Last EDR Contact: 08/29/2016  
Next Scheduled EDR Contact: 12/12/2016  
Data Release Frequency: Quarterly

## LUST REG SC: Leaking Underground Storage Tanks

Leaking underground storage tank site locations. Includes: counties of Amherst, Appomattox, Buckingham, Campbell, Charlotte, Cumberland, Halifax, Lunenburg, Mecklenburg, Nottoway, Pittsylvania, Prince Edward; cities of Danville, Lynchburg.

Date of Government Version: 09/06/2013  
Date Data Arrived at EDR: 09/06/2013  
Date Made Active in Reports: 09/17/2013  
Number of Days to Update: 11

Source: Department of Environmental Quality, South Central Region  
Telephone: 434-582-5120  
Last EDR Contact: 08/29/2016  
Next Scheduled EDR Contact: 12/12/2016  
Data Release Frequency: Semi-Annually

## LUST REG SW: Leaking Underground Storage Tank Database

Leaking underground storage tank site locations. Includes: counties of Bland, Buchanan, Carroll, Dickenson, Grayson, Lee, Russell, Scott, Smyth, Tazewell, Washington, Wise, Wythe; cities of Bristol, Galax, Norton.

Date of Government Version: 07/15/2013  
Date Data Arrived at EDR: 07/18/2013  
Date Made Active in Reports: 09/16/2013  
Number of Days to Update: 60

Source: Department of Environmental Quality Southwest Regional Office  
Telephone: 276-676-4800  
Last EDR Contact: 10/11/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: No Update Planned

## LUST REG TD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locations. Includes: counties of Accomack, Isle of Wight, James City, Northampton, Southampton, York; cities of Chesapeake, Franklin, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, Williamsburg.

Date of Government Version: 06/30/2013  
Date Data Arrived at EDR: 07/05/2013  
Date Made Active in Reports: 09/16/2013  
Number of Days to Update: 73

Source: Department of Environmental Quality Tidewater Regional Office  
Telephone: trofoia@deq.vir  
Last EDR Contact: 09/26/2016  
Next Scheduled EDR Contact: 01/09/2017  
Data Release Frequency: Quarterly

## LUST REG VA: Leaking Underground Storage Tank List

Leaking underground storage tank site locations. Includes: counties of Albemarle, Augusta, Bath, Clarke, Fluvanna, Frederick, Greene, Highland, Nelson, Page, Rockbridge, Rockingham, Shenandoah, Warren; cities of Buena Vista, Charlottesville, Harrisonburg, Lexington, Staunton, Waynesboro, Winchester.

Date of Government Version: 12/06/2011  
Date Data Arrived at EDR: 12/08/2011  
Date Made Active in Reports: 01/16/2012  
Number of Days to Update: 39

Source: Department of Environmental Quality Valley Regional Office  
Telephone: 540-574-7800  
Last EDR Contact: 08/29/2016  
Next Scheduled EDR Contact: 12/12/2016  
Data Release Frequency: No Update Planned

## LUST REG WC: Leaking Underground Storage Tank List

Leaking underground storage tank site locations. Includes: counties of Alleghany, Bedford, Botetourt, Craig, Floyd, Franklin, Giles, Henry, Montgomery, Patrick, Pulaski, Roanoke; cities of Bedford, Clifton Forge, Covington, Martinsville, Radford, Roanoke, Salem.

Date of Government Version: 06/04/2015  
Date Data Arrived at EDR: 06/05/2015  
Date Made Active in Reports: 07/07/2015  
Number of Days to Update: 32

Source: Department of Environmental Quality West Central Regional Office  
Telephone: 540-562-6700  
Last EDR Contact: 08/29/2016  
Next Scheduled EDR Contact: 12/12/2016  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3372
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6271
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-7439
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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

Date of Government Version: 10/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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

Date of Government Version: 02/19/2019	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-6597
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-8677
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

LTANKS: Leaking Petroleum Storage Tanks  
Includes releases of petroleum from underground storage tanks and aboveground storage tanks.

Date of Government Version: 02/05/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/28/2019	Telephone: 804-698-4010
Date Made Active in Reports: 04/08/2019	Last EDR Contact: 05/30/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Quarterly

## **State and tribal registered storage tank lists**

FEMA UST: Underground Storage Tank Listing  
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/25/2019
Number of Days to Update: 136	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

UST: Registered Petroleum Storage Tanks  
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/04/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/27/2019	Telephone: 804-698-4010
Date Made Active in Reports: 04/05/2019	Last EDR Contact: 05/30/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Quarterly

AST: Registered Petroleum Storage Tanks  
Registered Aboveground Storage Tanks.

Date of Government Version: 02/04/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/27/2019	Telephone: 804-698-4010
Date Made Active in Reports: 04/05/2019	Last EDR Contact: 05/30/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land  
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-7591
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3368
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-9424
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-6136
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6137
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

## ***State and tribal institutional control / engineering control registries***

### ENG CONTROLS: Engineering Controls Sites Listing

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

Date of Government Version: 01/07/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/08/2019	Telephone: 804-698-4228
Date Made Active in Reports: 02/25/2019	Last EDR Contact: 04/08/2019
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

### INST CONTROL: Voluntary Remediation Program Database

Sites included in the Voluntary Remediation Program database that have deed restrictions.

Date of Government Version: 01/07/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/08/2019	Telephone: 804-698-4228
Date Made Active in Reports: 02/25/2019	Last EDR Contact: 04/08/2019
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

## ***State and tribal voluntary cleanup sites***

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/25/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Varies

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### VRP: Voluntary Remediation Program

The Voluntary Cleanup Program encourages owners of elected contaminated sites to take the initiative and conduct voluntary cleanups that meet state environmental standards.

Date of Government Version: 01/07/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/08/2019	Telephone: 804-698-4228
Date Made Active in Reports: 02/25/2019	Last EDR Contact: 04/08/2019
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***State and tribal Brownfields sites***

### **BROWNFIELDS: Brownfields Site Specific Assessments**

To qualify for Brownfields Assessment, the site must meet the Federal definition of a Brownfields and should have contaminant issues that need to be addressed and a redevelopment plan supported by the local government and community. Virginia's Department of Environmental Quality performs brownfields assessments under a cooperative agreement with the U.S. Environmental Protection Agency at no cost to communities, property owners or, prospective purchasers. The assessment is an evaluation of environmental impacts caused by previous site uses similar to a Phase II Environmental Assessment.

Date of Government Version: 01/23/2019  
Date Data Arrived at EDR: 01/24/2019  
Date Made Active in Reports: 02/22/2019  
Number of Days to Update: 29

Source: Department of Environmental Quality  
Telephone: 804-698-4207  
Last EDR Contact: 04/24/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Quarterly

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

#### **US BROWNFIELDS: A Listing of Brownfields Sites**

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 24

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 06/04/2019  
Next Scheduled EDR Contact: 09/30/2019  
Data Release Frequency: Semi-Annually

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

#### **INDIAN ODI: Report on the Status of Open Dumps on Indian Lands**

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 04/26/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Varies

#### **ODI: Open Dump Inventory**

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

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 04/23/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019  
Date Data Arrived at EDR: 02/26/2019  
Date Made Active in Reports: 04/17/2019  
Number of Days to Update: 50

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/24/2019  
Next Scheduled EDR Contact: 09/09/2019  
Data Release Frequency: No Update Planned

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 02/24/2019  
Date Data Arrived at EDR: 02/26/2019  
Date Made Active in Reports: 04/17/2019  
Number of Days to Update: 50

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/24/2019  
Next Scheduled EDR Contact: 09/09/2019  
Data Release Frequency: Quarterly

### PFAS: Per- and Polyfluoroalkyl Substances

PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 04/08/2019  
Date Data Arrived at EDR: 04/10/2019  
Date Made Active in Reports: 05/08/2019  
Number of Days to Update: 28

Source: Department of Environmental Quality  
Telephone: 804-698-4336  
Last EDR Contact: 04/08/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Varies

## Local Land Records

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/11/2019  
Date Data Arrived at EDR: 04/18/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 35

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 06/06/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Records of Emergency Release Reports***

### **HMIRS: Hazardous Materials Information Reporting System**

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

Date of Government Version: 03/25/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/26/2019	Telephone: 202-366-4555
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 03/26/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

### **SPILLS BRL: Prep/Spills Database Listing**

A listing of spills locations located in the Blue Ridge Regional area, Lynchburg.

Date of Government Version: 09/18/2009	Source: DEQ, Blue Ridge Regional Office
Date Data Arrived at EDR: 09/18/2009	Telephone: 434-582-6218
Date Made Active in Reports: 10/06/2009	Last EDR Contact: 11/28/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Varies

### **SPILLS: Prep/Spills Database Listing**

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment. PREP staff often work to assist local emergency responders, other state agencies, federal agencies, and responsible parties, as may be needed, to manage pollution incidents. Oil spills, fish kills, and hazardous materials spills are examples of incidents that may involve the DEQ's PREP Program.

Date of Government Version: 02/04/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/27/2019	Telephone: 804-698-4287
Date Made Active in Reports: 04/08/2019	Last EDR Contact: 05/30/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Quarterly

### **SPILLS PC: Pollution Complaint Database**

Pollution Complaints Database. The pollution reports contained in the PC database include the initial release reporting of Leaking Underground Storage Tanks and all other releases of petroleum to the environment as well as releases to state waters. The database is current through 12/1/93. Since that time, all spill and pollution reporting information has been collected and tracked through the DEQ regional offices.

Date of Government Version: 06/01/1996	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/22/1996	Telephone: 804-698-4287
Date Made Active in Reports: 11/21/1996	Last EDR Contact: 03/08/2010
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/21/2010
	Data Release Frequency: No Update Planned

### **SPILLS NO: PREP Database**

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/23/2009	Source: Department of Environmental Quality, Northern Region
Date Data Arrived at EDR: 09/29/2009	Telephone: 703-583-3864
Date Made Active in Reports: 10/30/2009	Last EDR Contact: 09/06/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

### **SPILLS PD: PREP Database**

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/20/2009  
Date Data Arrived at EDR: 10/29/2009  
Date Made Active in Reports: 12/03/2009  
Number of Days to Update: 35

Source: Department of Environmental Quality, Piedmont Region  
Telephone: 804-527-5020  
Last EDR Contact: 02/06/2012  
Next Scheduled EDR Contact: 05/21/2012  
Data Release Frequency: Quarterly

## SPILLS SW: Reportable Spills

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 01/21/2010  
Date Data Arrived at EDR: 01/22/2010  
Date Made Active in Reports: 02/16/2010  
Number of Days to Update: 25

Source: Department of Environmental Quality, Southwest Region  
Telephone: 276-676-4839  
Last EDR Contact: 07/13/2012  
Next Scheduled EDR Contact: 10/29/2012  
Data Release Frequency: No Update Planned

## SPILLS TD: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/17/2009  
Date Data Arrived at EDR: 09/23/2009  
Date Made Active in Reports: 10/06/2009  
Number of Days to Update: 13

Source: Department of Environmental Quality, Tidewater Region  
Telephone: trofoia@deq.vir  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: Quarterly

## SPILLS VA: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 08/08/2012  
Date Data Arrived at EDR: 08/09/2012  
Date Made Active in Reports: 10/05/2012  
Number of Days to Update: 57

Source: Department of Environmental Quality, Valley Regional Office  
Telephone: 540-574-7800  
Last EDR Contact: 05/06/2013  
Next Scheduled EDR Contact: 08/19/2013  
Data Release Frequency: Quarterly

## SPILLS WC: Prep Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/21/2009  
Date Data Arrived at EDR: 09/29/2009  
Date Made Active in Reports: 10/30/2009  
Number of Days to Update: 31

Source: Department of Environmental Quality, West Central Region  
Telephone: 540-562-6700  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: No Update Planned

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/01/2012  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 02/15/2013  
Number of Days to Update: 43

Source: FirstSearch  
Telephone: N/A  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

## FUDS: Formerly Used Defense Sites

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

Date of Government Version: 03/07/2019	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 04/03/2019	Telephone: 202-528-4285
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 05/21/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

## DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/12/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Semi-Annually

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/12/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 05/13/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/25/2019  
Date Data Arrived at EDR: 03/26/2019  
Date Made Active in Reports: 05/07/2019  
Number of Days to Update: 42

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 03/26/2019  
Next Scheduled EDR Contact: 07/08/2019  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 05/06/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 05/10/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 06/21/2017  
Date Made Active in Reports: 01/05/2018  
Number of Days to Update: 198

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 06/18/2019  
Next Scheduled EDR Contact: 09/30/2019  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 01/10/2018  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 2

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 05/24/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 04/24/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Annually

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/11/2019  
Date Data Arrived at EDR: 04/18/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 06/06/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019  
Date Data Arrived at EDR: 05/02/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 21

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

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

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

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019  
Date Data Arrived at EDR: 04/18/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 06/06/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2019  
Date Data Arrived at EDR: 04/10/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 34

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 04/10/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016  
Date Data Arrived at EDR: 11/23/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 04/08/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Quarterly

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Quarterly

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Quarterly

## MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016  
Date Data Arrived at EDR: 09/08/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 43

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Quarterly

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 06/07/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 06/07/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017  
Date Data Arrived at EDR: 11/30/2017  
Date Made Active in Reports: 12/15/2017  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 04/26/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019  
Date Data Arrived at EDR: 04/02/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 42

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 04/02/2019  
Next Scheduled EDR Contact: 07/15/2019  
Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018  
Date Data Arrived at EDR: 01/29/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 04/30/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 03/31/2019	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 04/23/2019	Telephone: Varies
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 04/05/2019
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015	Source: EPA/NTIS
Date Data Arrived at EDR: 02/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 09/28/2017	Last EDR Contact: 05/24/2019
Number of Days to Update: 218	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/11/2019
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 05/02/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 05/24/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/18/2019	Telephone: 703-603-8787
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 06/06/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

## US MINES: Mines Master Index File

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

Date of Government Version: 11/27/2018	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 02/27/2019	Telephone: 303-231-5959
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 05/31/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/31/2019
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019	Source: Department of Interior
Date Data Arrived at EDR: 03/28/2019	Telephone: 202-208-2609
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 06/19/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (215) 814-5000
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 06/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/09/2019	Telephone: 202-564-2280
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 04/09/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2019  
Date Data Arrived at EDR: 02/21/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 39

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 05/21/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Quarterly

## AIRS: Permitted Airs Facility List

A listing of permitted Airs facilities.

Date of Government Version: 03/29/2019  
Date Data Arrived at EDR: 03/29/2019  
Date Made Active in Reports: 06/19/2019  
Number of Days to Update: 82

Source: Department of Environmental Quality  
Telephone: 804-698-4000  
Last EDR Contact: 06/17/2019  
Next Scheduled EDR Contact: 09/30/2019  
Data Release Frequency: Annually

## CEDS: Comprehensive Environmental Data System

Virginia Water Protection Permits, Virginia Pollution Discharge System (point discharge) permits and Virginia Pollution Abatement (no point discharge) permits.

Date of Government Version: 03/04/2019  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 04/08/2019  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: 804-698-4077  
Last EDR Contact: 06/03/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Quarterly

## COAL ASH: Coal Ash Disposal Sites

A listing of facilities with coal ash impoundments.

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/12/2018  
Date Made Active in Reports: 01/30/2019  
Number of Days to Update: 49

Source: Department of Environmental Protection  
Telephone: 804-698-4285  
Last EDR Contact: 06/03/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Varies

## DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 11/01/2018  
Date Made Active in Reports: 12/26/2018  
Number of Days to Update: 55

Source: Department of Environmental Quality  
Telephone: 804-698-4407  
Last EDR Contact: 04/08/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Varies

## ENFORCEMENT: Enforcement Actions Data

A listing of enforcement actions.

Date of Government Version: 02/04/2019  
Date Data Arrived at EDR: 02/05/2019  
Date Made Active in Reports: 04/08/2019  
Number of Days to Update: 62

Source: Department of Environmental Quality  
Telephone: 804-698-4031  
Last EDR Contact: 06/03/2019  
Next Scheduled EDR Contact: 07/15/2019  
Data Release Frequency: Quarterly

## Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 01/30/2019  
Date Data Arrived at EDR: 01/31/2019  
Date Made Active in Reports: 02/22/2019  
Number of Days to Update: 22

Source: Department of Environmental Quality  
Telephone: 804-698-4205  
Last EDR Contact: 04/29/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 2: Financial Assurance Information listing  
Solid waste financial assurance information.

Date of Government Version: 01/31/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/05/2019	Telephone: 804-698-4123
Date Made Active in Reports: 04/08/2019	Last EDR Contact: 04/29/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/20/2017	Telephone: 804-698-4159
Date Made Active in Reports: 02/14/2017	Last EDR Contact: 06/17/2019
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/30/2019
	Data Release Frequency: Annually

UIC: Underground Injection Control Wells

A listing of underground injection controls wells.

Date of Government Version: 01/29/2019	Source: Department of Mines, Minerals and Energy
Date Data Arrived at EDR: 01/30/2019	Telephone: 276-415-9700
Date Made Active in Reports: 02/25/2019	Last EDR Contact: 05/01/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Quarterly

## **EDR HIGH RISK HISTORICAL RECORDS**

### ***EDR Exclusive Records***

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Virginia.

Date of Government Version: N/A	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/20/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 203	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Virginia and at the Regional VA Levels.

Date of Government Version: N/A	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## OTHER DATABASE(S)

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

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/12/2019	Telephone: 860-424-3375
Date Made Active in Reports: 03/04/2019	Last EDR Contact: 05/14/2019
Number of Days to Update: 20	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 04/10/2019  
Date Made Active in Reports: 05/16/2019  
Number of Days to Update: 36

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 04/10/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 01/30/2019  
Date Made Active in Reports: 02/14/2019  
Number of Days to Update: 15

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 05/01/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 10/23/2018  
Date Made Active in Reports: 11/27/2018  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 04/15/2019  
Next Scheduled EDR Contact: 07/29/2019  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 02/23/2018  
Date Made Active in Reports: 04/09/2018  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 05/17/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/15/2018  
Date Made Active in Reports: 07/09/2018  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/10/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

## Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 804-692-1900

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

**APPENDIX III**

**HISTORICAL REVIEW INFORMATION**

4-5A

Section 4-1-11.1

# Application for a Sewage Disposal System Construction Permit

Commonwealth of Virginia  
Department of Health

For Department Use Only

Health Department  
Identification Number 30-93-263  
Map Reference 4-5A

Orange County Health Department

Date Received 12-16-93

### To Be Completed By The Applicant

Type sewage system:  New  Repair  Expanded  Conditional  
FHA/VA yes  no

Owner Richard Lindsay Address 13715 Orlando Rd. Phone 203-791686  
Northsville Va 22123

Agent \_\_\_\_\_ Address \_\_\_\_\_ Phone \_\_\_\_\_

Directions to Property 1 mi off Rt 3 on Shenker Lane - Left  
Side up approx 500' from Somerville Rd.

Subdivision \_\_\_\_\_ Section 4 Block \_\_\_\_\_ Lot #2 (5A)

Other Property Identification \_\_\_\_\_

Dimensions/size of Lot/Property 2 ac.

### Other Application Information

I. Building/facility  New  Existing  
Intermittent Use  Yes  No If yes, describe: \_\_\_\_\_

II. Residential Use  Yes  No  
Termite Treatment  Yes  No  
 Single Family  Multifamily Number of Units \_\_\_\_\_ Number of Bedrooms 2  
Basement  Yes  No  
Fixtures in Basement  Yes  No

III. Commercial Use  Yes  No Describe: \_\_\_\_\_

Commercial/Wastewater  Yes  No Number of Patrons \_\_\_\_\_ Number of Employees \_\_\_\_\_  
If yes, give volumes and describe \_\_\_\_\_

IV. Water Supply:  Public  New Describe: new well  
 Private  Existing

V. Proposed Installation:  Septic tank and drainfield  Other  
If other, describe \_\_\_\_\_

SITE PLAN Attach a site plan (rough sketch) showing dimensions of property, proposed and/or existing structures and driveways, underground utilities, adjacent soil absorption systems, bodies of water, drainage ways, and wells and springs within 200 feet radius of the center of the proposed building or drainfield. Distances may be paced or estimated. on file

The property lines and building location are clearly marked and the property is sufficiently visible to see the topography. I give permission to the Department to enter onto the property described for the purpose of processing this application.

Richard Lindsay  
Signature of owner/agent

7/26/93  
Date

4-5A

# Soil Evaluation Form

PAGE \_\_\_\_\_ OF \_\_\_\_\_

Commonwealth of Virginia  
Department of Health

Health Department  
Identification Number \_\_\_\_\_  
Tax Map Number \_\_\_\_\_

## General Information

Date 5-13-93 \_\_\_\_\_ Health Department  
Applicant Richard Lindsay Telephone No. 703-791-6867  
Address 13715 Orlando Rd, Nokesville, VA  
Owner \_\_\_\_\_ Address \_\_\_\_\_  
Location \_\_\_\_\_  
Subdivision \_\_\_\_\_ Block/Section \_\_\_\_\_ Lot \_\_\_\_\_

## Soil Information Summary

1. Position in landscape satisfactory Yes  No  Describe \_\_\_\_\_  
\_\_\_\_\_
2. Slope 10 %
3. Depth to rock/impervious strata Max. \_\_\_\_\_ Min. \_\_\_\_\_ None \_\_\_\_\_
4. Depth to seasonal water table (gray mottling or gray color) No  Yes  \_\_\_\_\_ inches
5. Free water present No  Yes  \_\_\_\_\_ range in inches
6. Soil percolation rate estimated Yes  Texture group I II III IV  
No  Estimated rate \_\_\_\_\_ min/inch
7. Percolation test performed Yes  Number of percolation test holes \_\_\_\_\_  
No  Depth of percolation test holes \_\_\_\_\_  
Average percolation rate \_\_\_\_\_

Name and title of evaluator: \_\_\_\_\_

Signature: \_\_\_\_\_

## Department Use

Site Approved: Drainfield to be placed at \_\_\_\_\_ depth at site designated on permit.

Site Disapproved:

Reasons for rejection:

1.  Position in landscape subject to flooding or periodic saturation.
2.  Insufficient depth of suitable soil over hard rock.
3.  Insufficient depth of suitable soil to seasonal water table.
4.  Rates of absorption too slow.
5.  Insufficient area of acceptable soil for required drainfield, and/or Reserve Area.
6.  Proposed system too close to well.
7.  Other Specify \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date of Evaluation \_\_\_\_\_

Profile Description  
**SOIL EVALUATION REPORT**

Health Department  
Identification No. \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_

Where the local health department conducts the soil evaluation the location of profile holes may be shown on the schematic drawing on the construction permit or the sketch submitted with the application. If soil evaluations are conducted by a private soil scientist, location of profile holes and sketch of the area investigated including all structural features i.e., sewage disposal systems, wells, etc., within 100 feet of site (See section 4) and reserve site shall be shown on the reverse side of this page or prepared on a separate page and attached to this form.

- See application sketch
- See construction permit
- See sketch on reverse side or page attached to this form.

*Backhoe Pits*

Hole #	Horizon	Depth (inches)	Description of, color, texture, etc.	Texture Group
1		0-12	10YR 5/4 YBSiL	
		12-24	5YR 4/6 YR SiL heavy	
		24-36	↓ w/ schist frags.	
		36+	Rock.	
2		0-6	10YR 4/4 DE YBSiL	
		6-20	10YR 5/6 YBSiL	
		20-30	5YR 5/8 YR SiL w/ semi-rounded	
		30-48	2.5YR 4/6 Red. w/ schist frags.	
3			Same as #2	
4		0-6	10YR 4/4 DE YR SiL	
		6-20	10YR 5/6 YBSiL	
		20-30	5YR 5/8 YR SiL	
		30-40	2.5YR 4/6 Red. SiL	
		40-48	2.5YR 4/6 Red. SiL w/ yellow.	

Remarks



APPENDIX 6

Permit I.D. No: SD-93-263

	Tag Sheet Initials	Date
Application Received:	SCHC	12-16-93
Application Reviewed:		
Fee Determination:	↓	
Assigned to:		
Site Visit Scheduled:		
Site Visit Made:		
Follow-up Visit:		
Follow-up Visit:		
Issue/Deny Drafted:	SCHC	12-21-93
Issue/Deny Reviewed:		12-21-93
Issue/Deny Countersigned:	CS	12-21-93
Issue/Deny Mailed:	SCHC	12-22-93

12-16-93 No. of Bedrooms not on app.  
 Called # available no answer,  
 Need to know before can do permit.  
 SCHC.

# Water Supply and/or Sewage Disposal System Construction Permit

Commonwealth of Virginia  
 Department of Health  
Orange Co. Health Department

Health Department  
 Identification Number SD-93-263  
 Map Reference 4-5A Lot 10 (17a)  
house

## General Information

Water Supply System: New  Repair \_\_\_\_\_ Public \_\_\_\_\_ FHA \_\_\_\_\_ VA \_\_\_\_\_ Case No. \_\_\_\_\_  
 Sewage Disposal System: New  Repair \_\_\_\_\_ Expanded \_\_\_\_\_ Conditional \_\_\_\_\_ Public \_\_\_\_\_  
 Based on the application for a sewage disposal system construction permit filed in accordance with Section 2.13 E, of the Sewage Handling and Disposal Regulations and/or Section 2.13 of the Private Well Regulations a construction permit is hereby issued to:  
 Owner Richard Lindsay Telephone 703-791-6867  
 Address 13715 Orlando Rd, Nokesville, VA For a Type II Sewage Disposal System or Well to be constructed on/at north side of Rt. 711 approx. 1/2 mi north of INT R3/711  
 Subdivision \_\_\_\_\_ Section/Block \_\_\_\_\_ Lot \_\_\_\_\_ Actual or estimated water use 200 GPD (2 BRM)

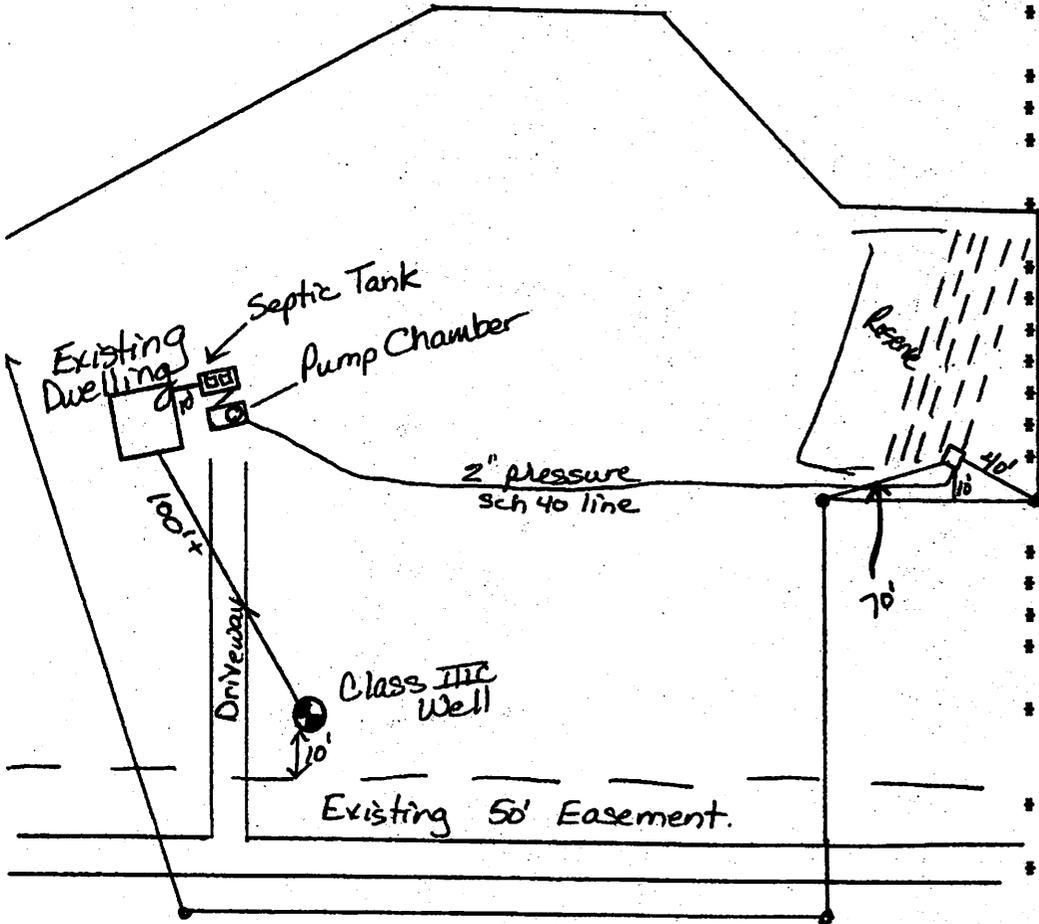
DESIGN	NOTE: SEWAGE DISPOSAL SYSTEM INSPECTION RESULTS
Water supply, existing: (describe) _____ To be installed: class <u>III C</u> cased <u>Rock 1/2" Min.</u> grouted <u>20 Ft. Min.</u>	Water supply location: Satisfactory yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Completion Report _____ G. W. 2 Received: yes <input type="checkbox"/> no <input type="checkbox"/> not applicable <input type="checkbox"/>
Building sewer: <u>4"</u> I.D. PVC Schedule 40, or equivalent. Slope 1.25" per 10' (minimum). <input type="checkbox"/> Other _____	Building sewer: yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Septic tank: Capacity <u>750</u> gals. (minimum). <input type="checkbox"/> Other _____	Pretreatment unit: yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Inlet-outlet structure: PVC Schedule 40, 4" tees or equivalent. <input type="checkbox"/> Other _____	Inlet-outlet structure: yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Pump and pump station: No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> describe and show design. if yes: <u>See attached</u>	Pump & pump station: yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Gravity mains: 3" or larger I.D., minimum 6" fall per 100', 1500 lb. crush strength or equivalent. <input checked="" type="checkbox"/> Other <u>2" Pressure</u>	Conveyance method: yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Distribution box: Precast concrete with <u>36</u> ports. <input type="checkbox"/> Other _____	Distribution box: yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Header lines: Material: 4" I.D. 1500 lb. crush strength plastic or equivalent from distribution box to 2' into absorption trench. Slope 2" minimum. <input type="checkbox"/> Other _____	Header lines: yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Percolation lines: Gravity 4" plastic 1000 lb. per foot bearing load or equivalent, slope 2" 4" (min. max.) per 100'. <input type="checkbox"/> Other _____	Percolation lines: yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Absorption trenches: Square ft. required <u>1,000</u> ; depth from ground surface to bottom of trench <u>20"</u> ; aggregate size <u>1/2-1 1/2"</u> ; Trench bottom slope <u>2-4 in. per 100 Ft.</u> ; center to center spacing <u>6 Ft.</u> ; trench width <u>2 Ft.</u> ; Depth of aggregate <u>13" Min.</u> ; Trench length <u>100</u> ; Number of trenches <u>5</u>	Absorption trenches: yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory  Date _____ Inspected and approved by: _____ _____ Sanitarian

4-5A

**Schematic drawing of sewage disposal system and topographic features.**

Show the lot lines of the building lot and building site, sketch of property showing any topographic features which may impact on the design of the system, all existing and/or proposed structures including sewage disposal systems and wells within 100 feet of sewage disposal system and reserve area. The schematic drawing of the sewage disposal system shall show sewer lines, pretreatment unit, pump station, conveyance system, and subsurface soil absorption system, reserve area, etc. When a nonpublic drinking water supply is to be located on the same lot show all sources of pollution within 100 feet.

The information required above has been drawn on the attached copy of the sketch submitted with the application. Attach additional sheets as necessary to illustrate the design.



- \* Drawing not to scale.
- \* Permit void if house location interferes with approved drainfield location.
- \* Designed for basement plumbing? YES NO
- \* Designed for garbage disposal? YES NO
- \* Drainfield to be 100'+ from Class IIIC wells and 50' from all Class IIIA&B wells.
- \* Install 5-100' lines, ON CONTOUR, in 2'-wide trenches, on 6' centers.
- \* Install trenches 20" deep.
- \* Smooth-walled header pipes recommended.
- \* Extend header pipes 24" into gravel.
- \* Use single size gravel 0.5" to 1.5" diam.
- \* No parking or driving on drainfield system
- \* Divert roof drains away from drainfield.
- \* Pump septic tank every 3 - 5 years.

**PUMP SYSTEM REQUIREMENTS**

- \* Install brass checkvalve above connectors.
- \* Install high-water alarm in dwelling.
- \* Contractor to supply pump specifications.
- \* Pump to deliver 290 gallons per cycle (19" drawdown for a 750-gallon tank).
- \* Pump operation to be approved.

**WELL REQUIREMENTS**

- \* Install Class IIIC well 100'+ away from all sources of contamination.
- \* All Class IIIB grouts to be witnessed by environmental health specialist.
- \* Copy of Driller's log to Health Dept. required

The sewage disposal system is to be constructed as specified by the permit  or attached plans and specifications  and as shown on plat.

This sewage disposal system construction permit is null and void if (a) conditions are changed from those shown on the application (b) conditions are changed from those shown on the construction permit.

No part of any installation shall be covered or used until inspected, corrections made if necessary, and approved, by the local health department or unless expressly authorized by the local health dept. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon the direction of the Department.

Date: December 21, 1993 Issued by: Suzanne C. Haldin-Coates  
 Sanitarian  
 Date: Dec 21, 1993 Reviewed by: Charles J. [Signature]  
 Supervisory Sanitarian

This Construction Permit Valid until 6-21-98

If FHA or VA financing

Reviewed by Date \_\_\_\_\_ Date \_\_\_\_\_

AJ  
Cor  
Dep

Post-it brand fax transmittal memo 7671 # of pages 2

To <u>Richard Lindsay</u>	From <u>Drayton</u>
Co. <u>Drayton</u>	Co. <u>Drayton</u>
Dept.	Phone #
Fax #	Fax #

# I System Construction Permit

Health Department  
 Identification Number 30-93-264<sup>3</sup>  
 Map Reference 4-5A

Date Received 12-16-93

Drayton Health Department

### To Be Completed By The Applicant

Type sewage system:  New  Repair  Expanded  Conditional  
 FHA/VA yes  no

Owner Richard Lindsay Address 13715 Ontario Rd. Phone 203-791686.  
Northsville Va 22123

Agent \_\_\_\_\_ Address \_\_\_\_\_ Phone \_\_\_\_\_

Directions to Property 1 mi off Rt 3 on Shenker Lane - Left  
side up approx 500' from Somersville Rd.

Subdivision \_\_\_\_\_ Section \_\_\_\_\_ Block \_\_\_\_\_ Lot #2

Other Property Identification \_\_\_\_\_

Dimensions/size of Lot/Property 2 ac.

### Other Application Information

I. Building/facility  New  Existing  
 Intermittent Use  Yes  No If yes, describe: \_\_\_\_\_

II. Residential Use  Yes  No  
 Termite Treatment  Yes  No  
 Single Family  Multifamily Number of Units \_\_\_\_\_ Number of Bedrooms 2  
 Basement  Yes  No  
 Fixtures in Basement  Yes  No

III. Commercial Use  Yes  No Describe: \_\_\_\_\_

Commercial/Wastewater  Yes  No Number of Patrons \_\_\_\_\_ Number of Employees \_\_\_\_\_  
 If yes, give volumes and describe \_\_\_\_\_

IV. Water Supply:  Public  Private Describe: new well  
 Existing

V. Proposed Installation:  Septic tank and drainfield  Other  
 If other, describe \_\_\_\_\_

SITE PLAN Attach a site plan (rough sketch) showing dimensions of property, proposed and/or existing structures and driveways, underground utilities, adjacent soil absorption systems, bodies of water, drainage ways, and wells and springs within 200 feet radius of the center of the proposed building or drainfield. Distances may be paced or estimated. on file

The property lines and building location are clearly marked and the property is sufficiently visible to see the topography. I give permission to the Department to enter onto the property described for the purpose of processing this application.

Richard Lindsay  
 Signature of owner/agent

7/26/93  
 Date

300 gallons / cycle

13 in.

19.6 in.

3 in.

45 gal

---

22

26" storage.

JULY 7, 1993

Boyd

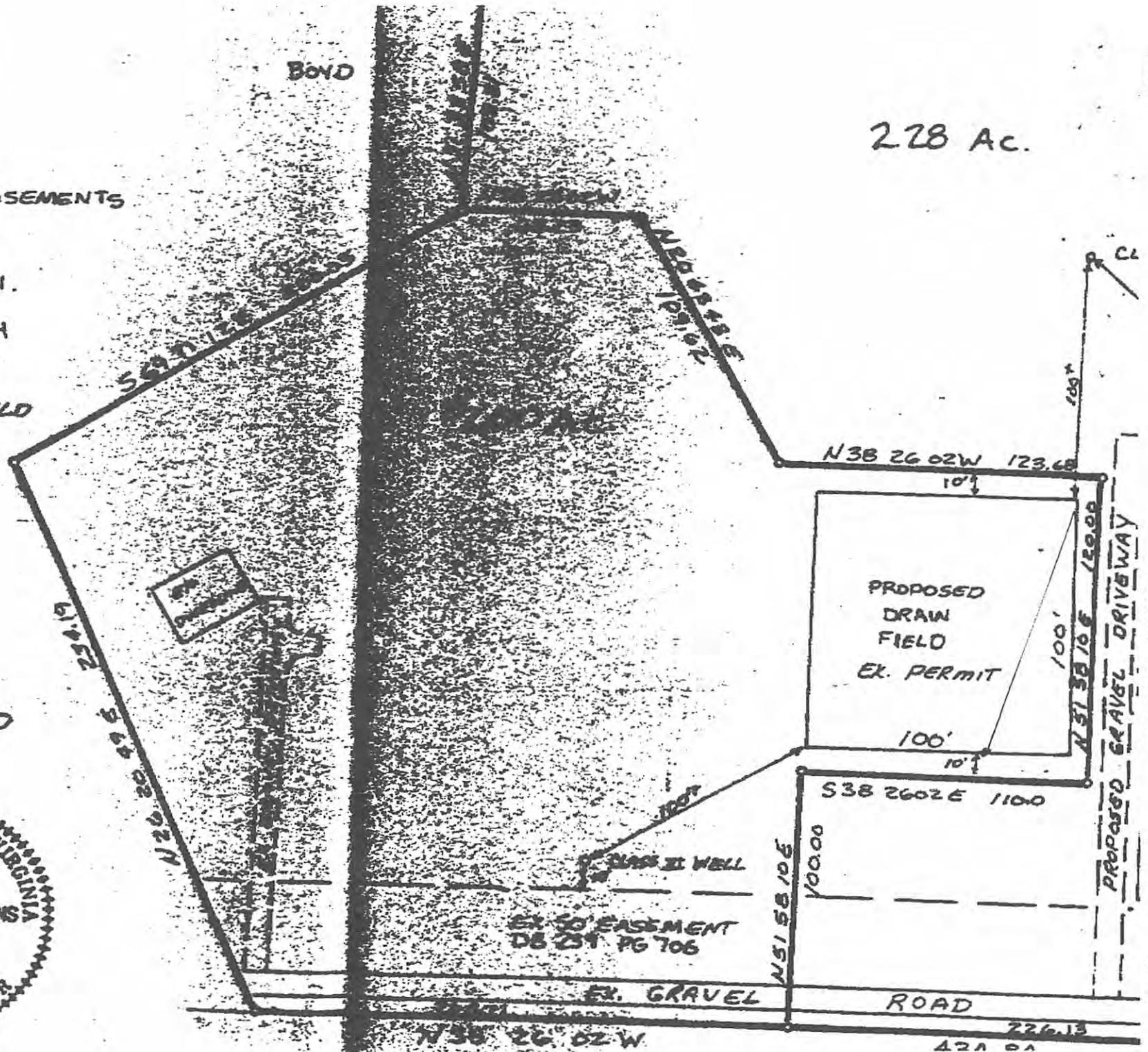
228 Ac.

1. SUBJECT TO EASEMENTS  
2. RECORD.  
3. NO SUBSURFACE

4. NOT SHOWN.  
5. WELL, AND  
6. FILE AT HEALTH  
7. SAID PLAT

8. EACH DRAIN FIELD  
9. DRAIN FIELD

Boyd



FROM

12.21.1993 10:01

P. 2



1982

1982  
1982  
1982

1982



1982

1982

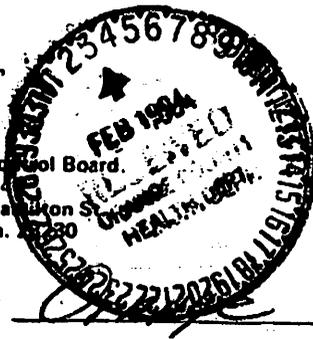


Lindsay Horton

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

• BWCM No. \_\_\_\_\_

State Water Control Board  
P. O. Box 1114  
2111 North Harrison St.  
Richmond, Va. 23230



Certification of Completion/County Permit)

County/City Orange

County/City Stamp

- Virginia Plane Coordinates
  - \_\_\_\_\_ N
  - \_\_\_\_\_ E
  - Latitude & Longitude \_\_\_\_\_ N
  - \_\_\_\_\_ W
- Topo. Map No. \_\_\_\_\_
- Elevation \_\_\_\_\_ ft.
- Formation \_\_\_\_\_
- Lithology \_\_\_\_\_
- River Basin \_\_\_\_\_
- Province \_\_\_\_\_
- Type Logs \_\_\_\_\_
- Cuttings \_\_\_\_\_
- Water Analysis \_\_\_\_\_
- Aquifer Test \_\_\_\_\_

• Owner Richard Hinsday

• Well Designation or Number \_\_\_\_\_

Address 13715 Orlando Road  
Noblesville, Va - 22123

Phone \_\_\_\_\_

• Drilling Contractor George Dillig, Inc

Address PO Box 385  
Beaufort, VA 22734

Phone 434 3030

SWCB Permit \_\_\_\_\_

County Permit SD-93-264

Certification of inspecting official:  
This well does \_\_\_\_\_ does not \_\_\_\_\_  
meet code/low requirements.  
S. \_\_\_\_\_  
Date \_\_\_\_\_

For Office Use

Tax Map I.D. No. Plot 4-5A

Subdivision \_\_\_\_\_

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot \_\_\_\_\_

Class Well. I \_\_\_\_\_, IIA \_\_\_\_\_

IIIB \_\_\_\_\_, IIIA \_\_\_\_\_, IIIB \_\_\_\_\_

IIIC  IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
and \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
(If possible please include map showing location marked)

Date started 1/26/94 • Date completed 1/31/94 Type rig Rotary

- I. WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_
- Total depth 160 ft.
  - Depth to bedrock 109 ft.
  - Hole size (Also include reamed zones)
    - 10 inches from 0 to 119 ft.
    - 6 inches from 119 to 160 ft.
    - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
  - Casing size (I.D.) and material
    - 6 7/8 inches from 0 to 119 ft.  
Material PVC  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.
    - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Material \_\_\_\_\_  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.
    - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Material \_\_\_\_\_  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.
  - Screen size and mesh for each zone (where applicable)
    - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Mesh size \_\_\_\_\_ Type \_\_\_\_\_
    - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Mesh size \_\_\_\_\_ Type \_\_\_\_\_
    - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Mesh size \_\_\_\_\_ Type \_\_\_\_\_
    - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Mesh size \_\_\_\_\_ Type \_\_\_\_\_
  - Gravel pack
    - From \_\_\_\_\_ to \_\_\_\_\_ ft.
    - From \_\_\_\_\_ to \_\_\_\_\_ ft.
  - Grout
    - From 0 to 20 ft., Type Cement grout
    - From \_\_\_\_\_ to \_\_\_\_\_ ft., Type \_\_\_\_\_

2. WATER DATA • Water temperature 58 OF
- Static water level (unpumped level-measured) 40 ft.
  - Stabilized measured pumping water level \_\_\_\_\_ ft.
  - Stabilized yield 18 gpm after 2 hours  
Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_, flow rate: \_\_\_\_\_ gpm  
Comment on quality \_\_\_\_\_
3. WATER ZONES: From 135 To 140  
From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_
4. USE DATA:
- Type of use: Drinking \_\_\_\_\_, Livestock Watering \_\_\_\_\_  
Irrigation \_\_\_\_\_, Food processing \_\_\_\_\_, Household \_\_\_\_\_  
Manufacturing \_\_\_\_\_, Fire safety \_\_\_\_\_, Cleaning \_\_\_\_\_  
Recreation \_\_\_\_\_, Aesthetic \_\_\_\_\_, Cooling or heating \_\_\_\_\_  
Injection \_\_\_\_\_, Other \_\_\_\_\_
- Type of facility: Domestic \_\_\_\_\_, Public water supply \_\_\_\_\_  
Public institution \_\_\_\_\_, Farm \_\_\_\_\_, Industry \_\_\_\_\_  
Commercial \_\_\_\_\_, Other \_\_\_\_\_
5. PUMP DATA: Type \_\_\_\_\_ • Rated H.P. \_\_\_\_\_  
• Intake depth \_\_\_\_\_ • Capacity \_\_\_\_\_ at \_\_\_\_\_ head
6. WELLHEAD: Type well seal water tight well cap  
Pressure tank \_\_\_\_\_ gal., Loc. \_\_\_\_\_  
Sample tap \_\_\_\_\_, Measurement port \_\_\_\_\_  
Well vent \_\_\_\_\_, Pressure relief valve \_\_\_\_\_  
Gate valve \_\_\_\_\_, Check valve (when required) \_\_\_\_\_  
Electrical disconnect switch on power supply \_\_\_\_\_
7. DISINFECTION: Well disinfected  yes \_\_\_\_\_ no \_\_\_\_\_  
Date 1/31/94, Disinfectant used NFPA  
Amount 1 pt., Hours used \_\_\_\_\_
8. ABANDONMENT (where applicable) • yes \_\_\_\_\_ no \_\_\_\_\_  
Casing pulled yes \_\_\_\_\_ no \_\_\_\_\_ not applicable \_\_\_\_\_  
Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_

Owner \_\_\_\_\_

BWCM No. \_\_\_\_\_

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping tests, drill cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. Quarterly pumpage and use reports are required from owners of public supply and industrial wells. County or State permits to drill may be required in some parts of the state. Some counties require submission of a water well completion report. The Virginia State Health Department requires a water well completion report for public supply wells.

10. DRILLERS LOG (use additional Sheets if necessary)

11.

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, (etc.))	Drilling Time (Min.)
From	To			
0	109	over burden		
109	160	rock		

13. Well lot dedicated? \_\_\_\_\_; Size \_\_\_\_\_ ft. X \_\_\_\_\_ ft.; Well house? \_\_\_\_\_  
 Distance to nearest pollutant source \_\_\_\_\_ ft., Type \_\_\_\_\_  
 Distance to nearest property line \_\_\_\_\_ ft., Building \_\_\_\_\_ ft.

14. WATER SERVICE PIPE: Checked under \_\_\_\_\_ p.s.i. for \_\_\_\_\_ minutes. Pipe size \_\_\_\_\_ inches, Material \_\_\_\_\_  
 Installer \_\_\_\_\_  
 Date \_\_\_\_\_

State Water Control Board Regional Offices

Valley Reg. Off.  
 116 North Main Street  
 P. O. Box 268  
 Bridgewater, Va. 22812  
 703-828-2595

Piedmont Reg. Off.  
 4010 West Broad Street  
 P. O. Box 6616  
 Richmond, Va. 23230  
 804-257-1006

Southwest Reg. Off.  
 408 East Main Street  
 P. O. Box 476  
 Abingdon, Va. 24210  
 703-628-5183

Tidewater Reg. Off.  
 287 Pembroke Office Park  
 Suite 310 Pembroke No. 2  
 Va. Beach, Va. 23462  
 804-499-8742

West Central Reg. Off.  
 Executive Park  
 5312 Peters Creek Road  
 Roanoke, Va. 24019  
 703-982-7432

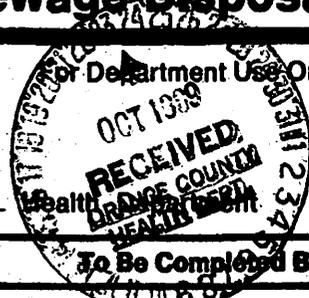
Northern Virginia Reg. Off.  
 5515 Cherokee Avenue  
 Suite 404  
 Alexandria, Va. 22312  
 703-750-9111

15. I certify that the information contained herein is true and correct and that this well and/or system has been installed and constructed in accordance with the requirements for well construction as specified in compliance with appropriate county or independent city ordinances and the laws and rules of the Commonwealth of Virginia.

Signature *H. F. [unclear]* (Seal), Date 2/1/94  
 (Well driller or authorized person) License No. 020-358

# Application for a Sewage Disposal System Construction Permit

Commonwealth of Virginia  
Department of Health



Health Department  
Identification Number SD-89-244  
Map Reference 4-SA  
Date Received 10/23/89

Orange Co.

To Be Completed By The Applicant

Type sewage system:  New  Repair  Expanded  Conditional  
FHA/VA yes  no

Owner Raymond A. Horton, Jr. Address Box 72 Phone 392-1508  
Brandy Station Va. 22714

Agent N/A Address \_\_\_\_\_ Phone \_\_\_\_\_

Directions to Property Rt. 3 to Rt. 711 - 1 1/2 miles past end of state maintained road  
1 1/2 mi past RP 3/74 Int  
at corner RP 9 last 1/2 mile road

Subdivision N/A Section 4 Block \_\_\_\_\_ Lot SA

Other Property Identification Tax Map 4 Part of Parcel SA DB.366 PG.768

Dimensions/size of Lot/Property 3.833 Acres 400 ft X 417.43

Other Application Information

VOID FOR TIME  
VOID FOR TIME

I. Building/facility Intermittent Use  New  Existing  Yes  No If yes, describe: \_\_\_\_\_

II. Residential Use  Yes  No  
Termite Treatment  Yes  No  
Basement  Yes  No  
Fixtures In Basement  Yes  No  
Single Family  Multifamily Number of Units \_\_\_\_\_ Number of Bedrooms 3

III. Commercial Use  Yes  No Describe: \_\_\_\_\_

Commercial/Wastewater  Yes  No Number of Patrons \_\_\_\_\_ Number of Employees \_\_\_\_\_  
If yes, give volumes and describe \_\_\_\_\_

IV. Water Supply:  Public  Private  New Describe: well  Existing

V. Proposed Installation:  Septic tank and drainfield  Other  
If other, describe \_\_\_\_\_

SITE PLAN Attach a site plan (rough sketch) showing dimensions of property, proposed and/or existing structures and driveways, underground utilities, adjacent soil absorption systems, bodies of water, drainage ways, and wells and springs within 200 feet radius of the center of the proposed building or drainfield. Distances may be paced or estimated.

The property lines and building location are clearly marked and the property is sufficiently visible to see the topography. I give permission to the Department to enter onto the property described for the purpose of processing this application.

Raymond A. Horton Jr.  
Signature of owner/agent

10-20-89  
Date

# Soil Evaluation Form

PAGE 1 OF 2

Commonwealth of Virginia  
Department of Health

Health Department  
Identification Number JD-89-244  
Tax Map Number PL 4-5A

## General Information

Date 11-15-89 ORANGE Co. Health Department  
Applicant RAYMOND HORTON Telephone No. 399-1508  
Address Box 72 Beauty Station, VA.  
Owner JANE Address JANE  
Location AS ON PERMIT  
Subdivision — Block/Section 4 Lot #7 5A

## Soil Information Summary

1. Position in landscape satisfactory Yes  No  Describe \_\_\_\_\_
  2. Slope 2-5 %
  3. Depth to rock/impervious strata Max. \_\_\_\_\_ Min. \_\_\_\_\_ None
  4. Depth to seasonal water table (gray mottling or gray color) No  Yes  \_\_\_\_\_ inches
  5. Free water present No  Yes  \_\_\_\_\_ range in inches
  6. Soil percolation rate estimated Yes  Texture group I II  III IV  
No  Estimated rate 50 min/inch
  7. Percolation test performed Yes  Number of percolation test holes \_\_\_\_\_  
No  Depth of percolation test holes N/A  
Average percolation rate \_\_\_\_\_
- Name and title of evaluator: C.A. RICHARDSON JR. - SANITARIAN  
Signature: C.A. Richardson Jr.

## Department Use

Site Approved: Drainfield to be placed at 36" depth at site designated on permit.

Site Disapproved:

### Reasons for rejection:

1.  Position in landscape subject to flooding or periodic saturation.
2.  Insufficient depth of suitable soil over hard rock.
3.  Insufficient depth of suitable soil to seasonal water table.
4.  Rates of absorption too slow.
5.  Insufficient area of acceptable soil for required drainfield, and/or Reserve Area.
6.  Proposed system too close to well.
7.  Other Specify \_\_\_\_\_



COUNTY OF ORANGE, VIRGINIA-OFFICE OF THE ZONING ADMINISTRATOR

TEMPORARY ZONING PERMIT

Name of Owner/Purchaser Raymond Horton, Jr. Phone \_\_\_\_\_

Address Box 72 Brady Station, VA 22714

Name of Seller Clarence Boyd Phone \_\_\_\_\_

Address \_\_\_\_\_

Size of tract 2.833 Parcel No. Pl of 4-5A

Location # 711 off #3 approx 1/2 miles past end of state route

Zoning Classification: A , R-1 \_\_\_\_\_, R-2 \_\_\_\_\_, R-3 \_\_\_\_\_, Other \_\_\_\_\_

Type of Structure 3 bedroom dwelling

Proposed Building Placement: \_\_\_\_\_

Setback from R/W: 200 ft., Right sideyard: 20 ft.

Left Sideyard: 100+ ft., Rear Yard: 100+ ft.

\*\* \*\* \*

Minimum Required Building Placement:

Minimum Building Setback from R/W: 100' \_\_\_\_\_, 60' \_\_\_\_\_, 35' , Other \_\_\_\_\_

Minimum Side Yard: 20' , 10' \_\_\_\_\_, 8' \_\_\_\_\_, 5' \_\_\_\_\_, Other \_\_\_\_\_

Minimum Rear Yard: 40' \_\_\_\_\_, 35' , 25' \_\_\_\_\_, Other \_\_\_\_\_

I hereby certify that I will comply with the above zoning requirements.

Raymond Horton, Jr. Date 10/19/89  
Owner/Purchaser/Agent

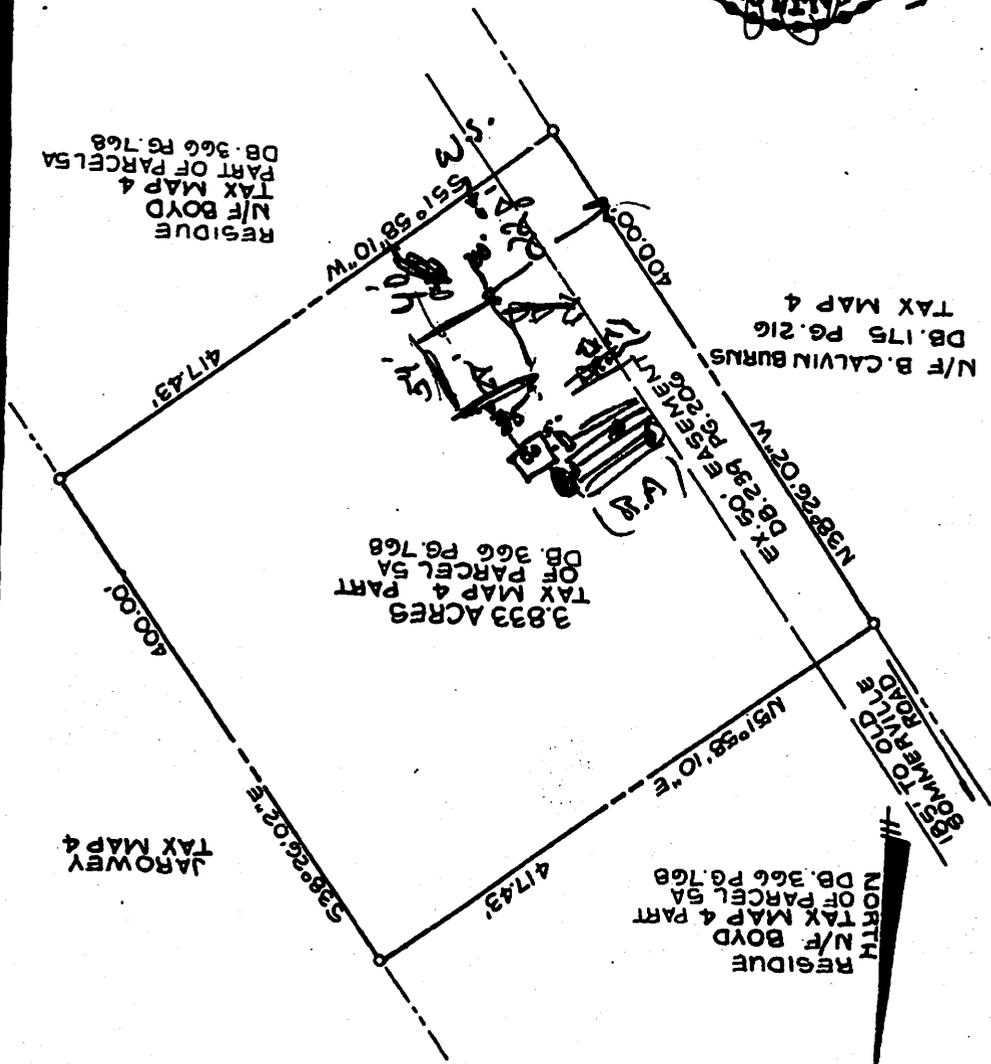
APPROVED BY ZONING ADMINISTRATOR G. J. B. Lee Date \_\_\_\_\_

NOTE: A building permit MUST be obtained from the Building Inspection Department before construction can be started or septic tank permit released.

FAMILY DIVISION OF  
 GORDON MAGISTERIAL DISTRICT  
 ORANGE COUNTY, VIRGINIA

MAY 5, 1988

- NOTES:
1. NO TITLE REPORT FURNISHED.
  2. EASEMENTS NOT SHOWN MAY EXIST.
  3. UNDERGROUND UTILITIES AND SUBSURFACE FACILITIES NOT LOCATED.
  4. IMPROVEMENTS, IF ANY EXIST, NOT SHOWN.
  5. PLAT SHOWING HOUSE SITE, WELL, AND DRAINFIELD LOCATIONS ON FILE AT HEALTH DEPARTMENT. DEVIATIONS FROM SAID PLAT REQUIRE APPROVAL.



SUBDIVISION DATA	
OWNER	DATE
<i>Clayton J. Mumma 5-6-88</i>	
SURVEYOR	DATE
SUBDIVISION AGENT	DATE
HEALTH DEPARTMENT	DATE



RECORDATION DATA:

SCALE: 1"=100'

①  
 0-2 3R L  
 2-15 4rd 5th 5th to 6th  
 15-34 4rd 5th 5th to 6th  
 34-44 4rd 5th 5th to 6th  
 44-+ 4rd 5th to 6th  
 Finer 4th 5th

②  
 0-3 DR 4th L + extra 5th  
 3-16 4th 5th 5th to 6th  
 16-38 4th 5th 5th to 6th  
 38-54 4th 5th 5th to 6th  
 4th 5th 5th to 6th  
 4th 5th 5th to 6th  
 4th 5th 5th to 6th

③ 4th 5th 2

# Sewage Disposal System Construction Permit

Commonwealth of Virginia  
 Department of Health  
ORANGE CO. Health Department



Health Department  
 Identification Number JD-89-244  
 Map Reference 4-5A

### General information

New  Repair  Expanded  Conditional  FHA  VA  Case No. N/A  
 Based on the application for a sewage disposal system construction permit filed in accordance with Section 3.13.01, a construction permit is hereby issued to:  
 Owner RAYMOND A. HORTON JR. Telephone 399-1508  
 Address Box 72, Brandy Station, VA. 22714  
 For a Type I Sewage disposal system which is to be constructed on/at LEFT SIDE OF R/W Rd. BEYOND STATE MOUNT. OF RP. 711. 1 1/10 MILES EAST OF RP. 3/711 Int.  
 Subdivision N/A Section/Block 4 Lot # 5A (FLY ROW)  
 Actual or estimated water use 450 G.P.D. (35 GPM)

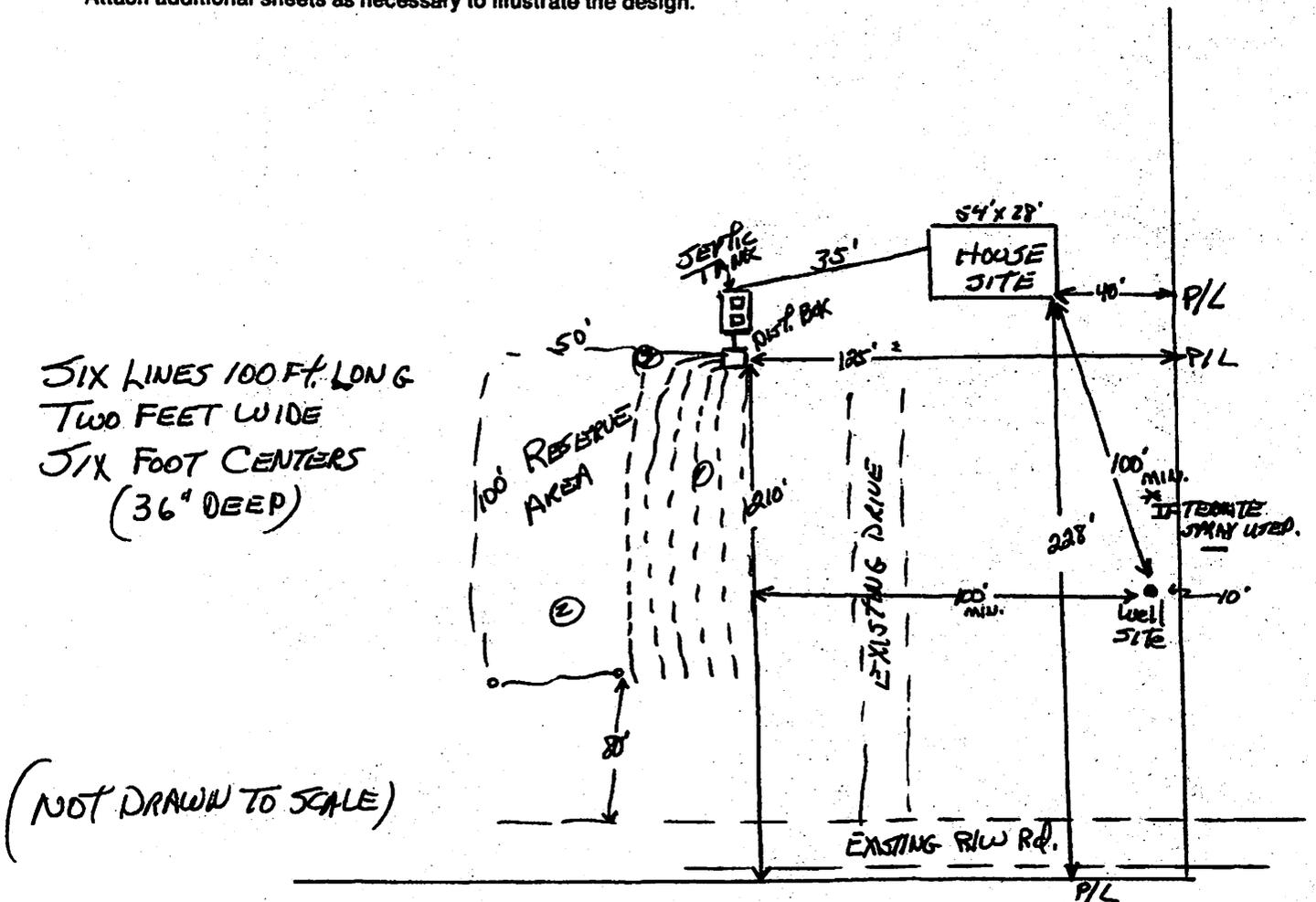
DESIGN	NOTE: INSPECTION RESULTS
Water supply, existing: (describe) <u>N/A</u>	Water supply location: Satisfactory yes <input type="checkbox"/> no <input type="checkbox"/> comments
To be installed: class <u>III</u> cased <u>20' MIN.</u> grouted <u>20' MIN.</u>	G. W. 2 Received: yes <input type="checkbox"/> no <input type="checkbox"/> not applicable <input type="checkbox"/>
Building sewer: <u>4"</u> I.D. PVC 40, or equivalent. Slope 1.25" per 10' (minimum). <input type="checkbox"/> Other _____	Building sewer: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Septic tank: Capacity <u>1000</u> gals. (minimum). <input type="checkbox"/> Other _____	Pretreatment unit: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Inlet-outlet structure: PVC 40, 4" tees or equivalent. <input type="checkbox"/> Other _____	Inlet-outlet structure: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Pump and pump station: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> describe and show design. if yes: _____	Pump & pump station: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Gravity mains: 3" or larger I.D., minimum 6" fall per 100', 1500 lb. crush strength or equivalent. <input checked="" type="checkbox"/> Other <u>4" TUCK</u>	Conveyance method: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Distribution box: Precast concrete with <u>10</u> ports. <input type="checkbox"/> Other _____	Distribution box: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Header lines: Material: 4" I.D. 1500 lb. crush strength plastic or equivalent from distribution box to 2' into absorption trench. Slope 2" minimum. <input type="checkbox"/> Other _____	Header lines: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Percolation lines: Gravity 4" plastic 1000 lb. per foot bearing load or equivalent, slope 2" 4" (min. max.) per 100'. <input type="checkbox"/> Other _____	Percolation lines: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Absorption trenches: <u>38/R AT 50 RATE EST.</u> Square ft. required <u>1200</u> ; depth from ground surface to bottom of trench <u>36"</u> ; aggregate size <u>1/2" to 1 1/2"</u> Trench bottom slope <u>2" to 4" per 100 FT (MAX.)</u> ; center to center spacing <u>6 FT.</u> ; trench width <u>2 FT.</u> Depth of aggregate <u>13"</u> ; Trench length <u>100 FT.</u> ; Number of trenches <u>6</u>	Absorption trenches: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Date _____ Inspected and approved by: _____ Sanitarian	



**Schematic drawing of sewage disposal system and topographic features.**

Show the lot lines of the building lot and building site, sketch of property showing any topographic features which may impact on the design of the system, all existing and/or proposed structures including sewage disposal systems and wells within 100 feet of sewage disposal system and reserve area. The schematic drawing of the sewage disposal system shall show sewer lines, pretreatment unit, pump station, conveyance system, and subsurface soil absorption system, reserve area, etc. When a nonpublic drinking water supply is to be located on the same lot show all sources of pollution within 100 feet.

The information required above has been drawn on the attached copy of the sketch submitted with the application. Attach additional sheets as necessary to illustrate the design.



The sewage disposal system is to be constructed as specified by the permit  or attached plans and specifications .

This sewage disposal system construction permit is null and void if (a) conditions are changed from those shown on the application (b) conditions are changed from those shown on the construction permit.

No part of any installation shall be covered or used until inspected, corrections made if necessary, and approved, by the local health department or unless expressly authorized by the local health dept. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon the direction of the Department.

Date: 11/15/89 Issued by: Charles A. Richardson  
 Sanitarian

Date: 11-21-89 Reviewed by: Charles S. [Signature]  
 Supervisory Sanitarian

This Construction Permit Valid until 5/15/94

# Application for a Sewage Disposal System Construction Permit

Commonwealth of Virginia  
Department of Health

For Department Use Only

Health Department  
Identification Number SD-87-191  
Map Reference 4-5B-1 (I-12)

ORANGE COUNTY Health Department

Date Received 26 AUGUST 1987

### To Be Completed By The Applicant

Type sewage system:  New  Repair  Expanded  Conditional  
FHA/VA yes  no

Owner Lula A. Boyd Address Madison, Va Phone 672-0515

Agent Clarence W Boyd Address SRS Box 3214 Phone 672-5965  
Madison Va 22727

Directions to Property West of LAKE of Woods on Rt 3 about 1/2 mile  
turn Right on Route 711 at Flat Run, go about 1 mile to gate across Road  
property on Left just past gate

Subdivision \_\_\_\_\_ Section 4 Block \_\_\_\_\_ Lot 5B-1

Other Property Identification \_\_\_\_\_

Dimensions/size of Lot/Property 250 x 230, 1.2690 AC, See plat attached

### Other Application Information

I. Building/facility  New  Existing  
Intermittent Use  Yes  No If yes, describe: \_\_\_\_\_

II. Residential Use  Yes  No  
Termite Treatment  Yes  No  
 Single Family  Multifamily Number of Units \_\_\_\_\_ Number of Bedrooms 3  
Basement  Yes  No  
Fixtures in Basement  Yes  No

III. Commercial Use  Yes  No Describe: \_\_\_\_\_

Commercial/Wastewater  Yes  No Number of Patrons \_\_\_\_\_ Number of Employees \_\_\_\_\_  
If yes, give volumes and describe \_\_\_\_\_

IV. Water Supply:  Public  New Describe: \_\_\_\_\_  
 Private  Existing \_\_\_\_\_

V. Proposed installation:  Septic tank and drainfield  Other  
If other, describe \_\_\_\_\_

**SITE PLAN** Attach a site plan (rough sketch) showing dimensions of property, proposed and/or existing structures and driveways, underground utilities, adjacent soil absorption systems, bodies of water, drainage ways, and wells and springs within 200 feet radius of the center of the proposed building or drainfield. Distances may be paced or estimated.

The property lines and building location are clearly marked and the property is sufficiently visible to see the topography. I give permission to the Department to enter onto the property described for the purpose of processing this application.

Lula A. Boyd Clarence W Boyd 8/26/87  
Signature of owner/agent Date

# Soil Evaluation Form

Commonwealth of Virginia  
Department of Health

Health Department  
Identification Number SD-87-191  
Tax Map Number 4-5B-1 (I-11)

### General Information

Date 24 SEPT 87 ORANGE COUNTY Health Department  
Applicant CLARENCE W. BOYD Telephone No. 672-5865  
Address SRS, BOX 32A4, MADISON, VA 22727  
Owner LULA A. BOYD Address MADISON, VA 22727  
Location \_\_\_\_\_  
Subdivision \_\_\_\_\_ Block/Section \_\_\_\_\_ Lot \_\_\_\_\_

### Soil Information Summary

1. Position in landscape satisfactory Yes  No  Describe \_\_\_\_\_
2. Slope 6 %
3. Depth to rock/impervious strata Max. 60" Min. \_\_\_\_\_ None \_\_\_\_\_
4. Depth to seasonal water table (gray mottling or gray color) No  Yes  \_\_\_\_\_ inches
5. Free water present No  Yes  \_\_\_\_\_ range in inches
6. Soil percolation rate estimated Yes  No  Texture group I II III IV  
Estimated rate 60 min/ inch
7. Percolation test performed Yes  No  Number of percolation test holes \_\_\_\_\_  
Depth of percolation test holes \_\_\_\_\_  
Average percolation rate \_\_\_\_\_

Name and title of evaluator: DOUGLAS L. JENKINS, SANITARIAN

Signature: Douglas L. Jenkins

### Department Use

Site Approved: Drainfield to be placed at 40" depth at site designated on permit.

Site Disapproved:

#### Reasons for rejection:

1.  Position in landscape subject to flooding or periodic saturation.
2.  Insufficient depth of suitable soil over hard rock.
3.  Insufficient depth of suitable soil to seasonal water table.
4.  Rates of absorption too slow.
5.  Insufficient area of acceptable soil for required drainfield, and/or Reserve Area.
6.  Proposed system too close to well.
7.  Other Specify \_\_\_\_\_





COUNTY OF ORANGE, VIRGINIA-OFFICE OF THE ZONING ADMINISTRATOR

TEMPORARY ZONING PERMIT

Name of Owner/Purchaser Clarence Boyd Phone 672-5865

Address SR 5 Box 32 AA Madison, VA

Name of Seller Lula Boyd Phone \_\_\_\_\_

Address \_\_\_\_\_

Size of tract Part of 2 1/2 ac. Parcel No. 4-5B

Location #711 right off #3 approx 1 mile prop on left

Zoning Classification: A \_\_\_\_\_, R-1 \_\_\_\_\_, R-2 \_\_\_\_\_, R-3 \_\_\_\_\_, Other \_\_\_\_\_

Type of Structure 3 bedroom dwelling

Proposed Building Placement: \_\_\_\_\_ 50' PWT R/W

Setback from R/W: 100 ft., Right sideyard: 25 ft.

Left Sideyard: 20+ ft., Rear Yard: 35+ ft.

\*\* \*\* \*

Minimum Required Building Placement:

Minimum Building Setback from R/W: 100' \_\_\_\_\_, 60' \_\_\_\_\_, 35' /, Other \_\_\_\_\_

Minimum Side Yard: 20' /, 10' \_\_\_\_\_, 8' \_\_\_\_\_, 5' \_\_\_\_\_, Other \_\_\_\_\_

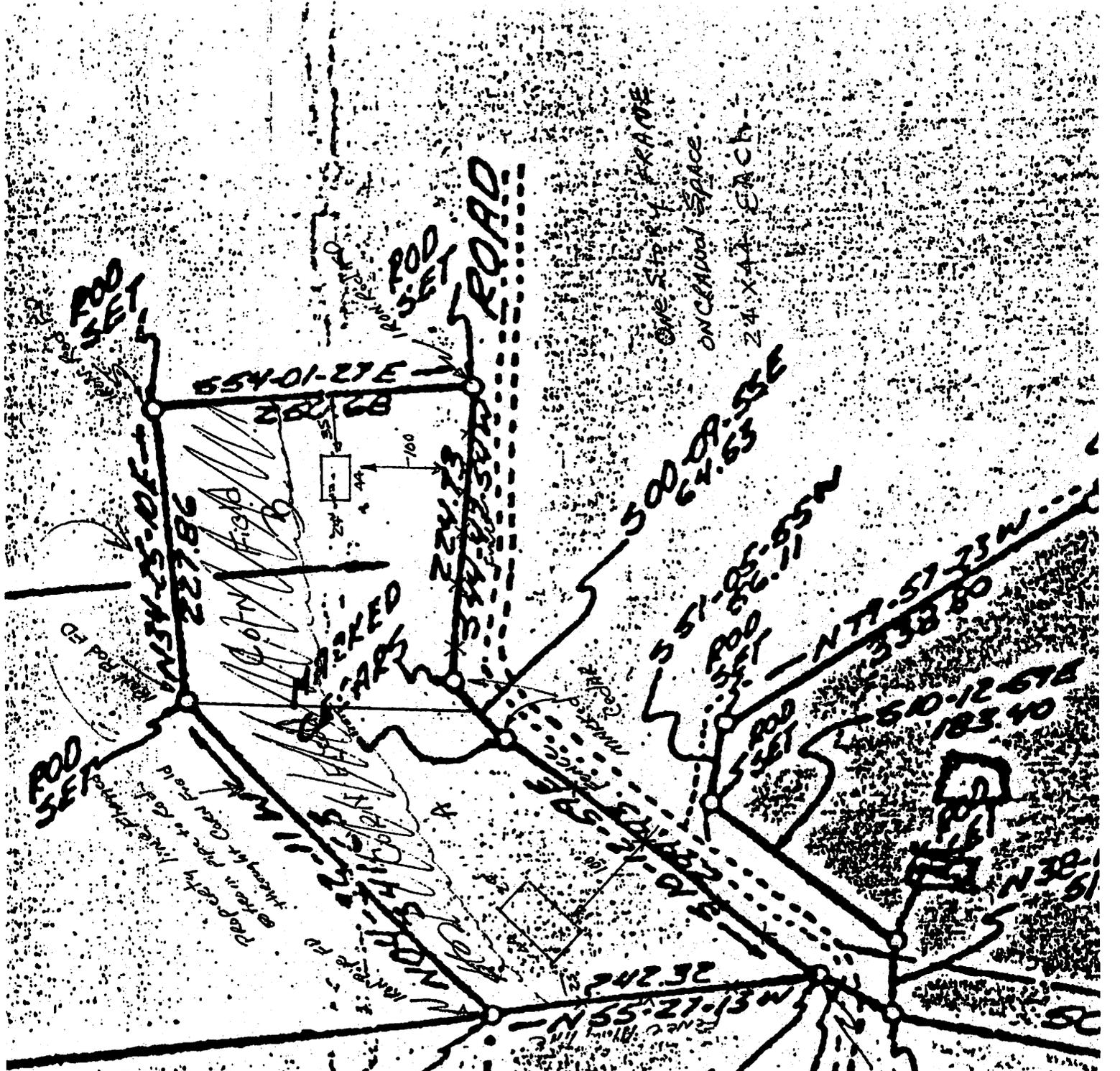
Minimum Rear Yard: 40' \_\_\_\_\_, 35' /, 25' \_\_\_\_\_, Other \_\_\_\_\_

I hereby certify that I will comply with the above zoning requirements.

Clarence J. Boyd Date 8/26/87  
Owner/Purchaser/Agent

APPROVED BY ZONING ADMINISTRATOR G. M. ... Date 8-26

NOTE: A building permit MUST be obtained from the Building Inspection Department before construction can be started or septic tank permit released.



2.5280 AC. TOTAL

Property of Lula Boyd

to  
Divide in half

1.2640 AC. EACH

Property Corners Flagg  
blue

pink property line  
flagged in pink  
around Curran Field.

house flagged in pink with  
takes marking each corner

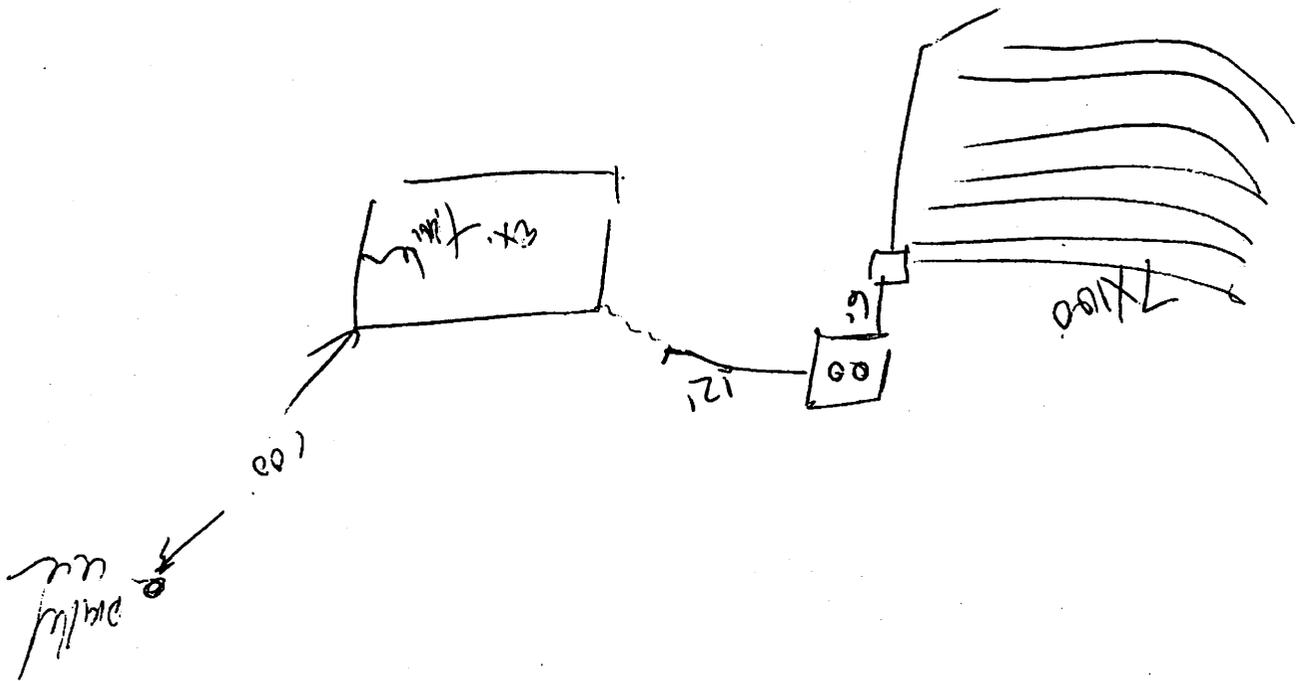
ONE STRIP FRAME  
ON CEILING SPACE  
24" X 44" EACH

PROPERTY LINE  
FROM CURRAN FIELD  
TO CURRAN FIELD

PAVED  
CITY FIELD

ROAD

100 FT



$$\begin{array}{r} 69 \\ 64 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 71 \\ 68 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 76 \\ 72 \\ \hline 4 \end{array}$$

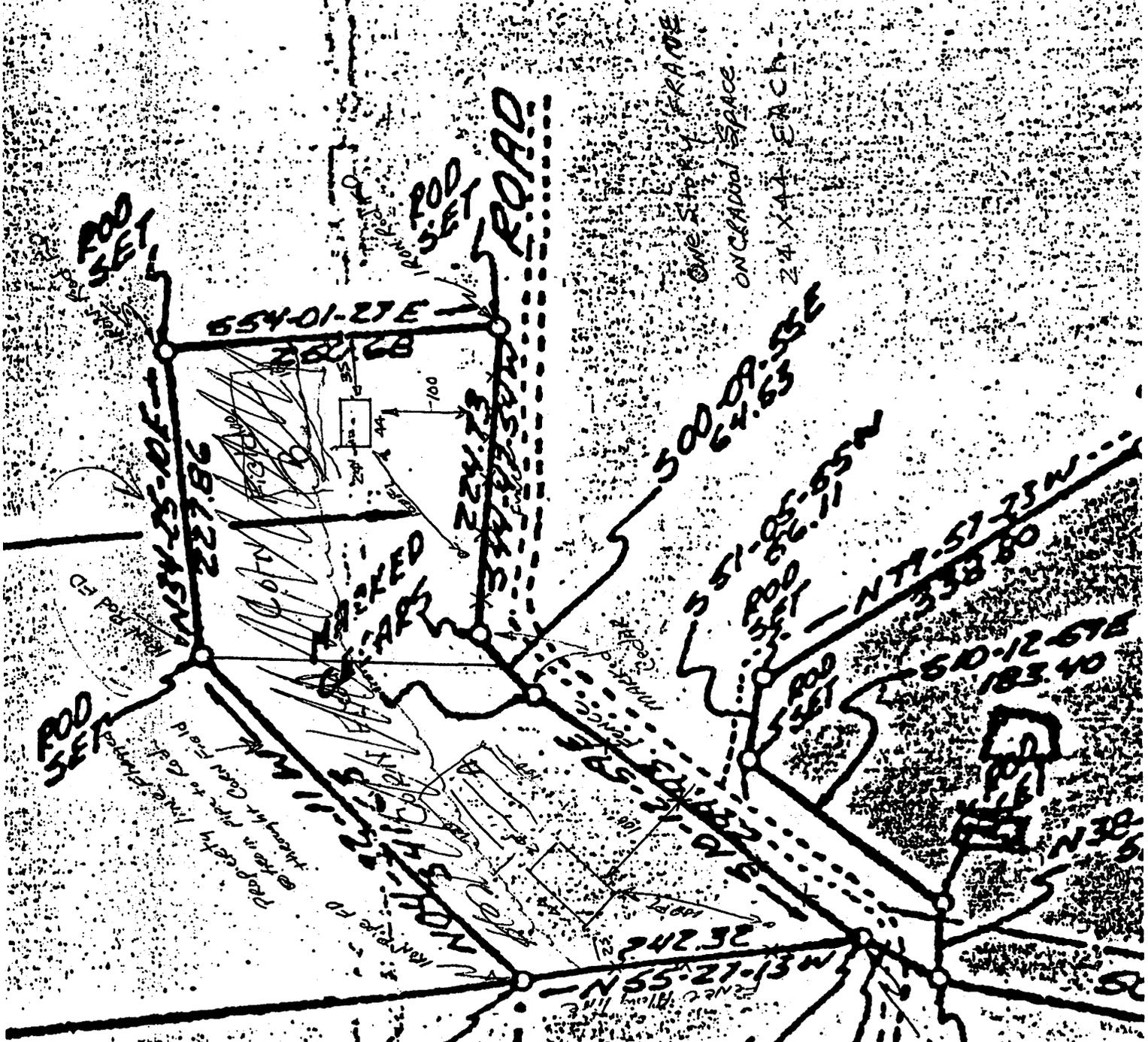
$$\begin{array}{r} 76 \\ 74 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 84 \\ 81 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 89 \\ 87 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 90 \\ 85 \\ \hline 5 \end{array}$$

1 1/2" Fall in feet  
 2 1/2" Fall in feet  
 (10')



2.5280 AC. TETA  
 Property of Lula Boyd  
 to  
 Divide in half  
 1.2640 AC. each  
 Property Corners Flagged  
 in blue  
 BACK Property line  
 Flagged in pink  
 through Corn Field.  
 House Flagged in pink with AN  
 Stakes marking each corner

ONE STORY FRAME  
 ONCE APOD SPACE  
 24 X 44 EACH

IRON PIPE

06

# Sewage Disposal System Construction Permit

Commonwealth of Virginia  
 Department of Health  
ORANGE COUNTY Health Department



Health Department  
 Identification Number SD-87-191  
 Map Reference 4-5B-1 (I-II)

General Information	
New <input checked="" type="checkbox"/> Repair <input type="checkbox"/> Expanded <input type="checkbox"/> Conditional <input type="checkbox"/> FHA <input type="checkbox"/> VA <input type="checkbox"/> Case No. _____ Based on the application for a sewage disposal system construction permit filed in accordance with Section 3.13.01, a construction permit is hereby issued to: Owner <u>CLARENCE W. BOYD</u> Telephone <u>(703) 672-5865</u> Address <u>SR 5 BOX 32 AA MADISON, VA 22727</u> For a Type <u>I</u> Sewage disposal system which is to be constructed on/at <u>1.1 MILE N OF INT. 711/3; W. SIDE OF R.O.W.</u> Subdivision _____ Section/Block <u>4</u> Lot <u>5B-1</u> Actual or estimated water use <u>450 GPD (3 BEDROOMS)</u>	
DESIGN	NOTE: INSPECTION RESULTS
Water supply, existing: (describe) _____ To be installed: class <u>III</u> cased <u>20FT (MIN.)</u> grouted <u>20FT (MIN.)</u>	Water supply location: Satisfactory yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments _____ G.W. 2 Received: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> not applicable <input type="checkbox"/>
Building sewer: <u>4"</u> I.D. PVC 40, or equivalent. Slope 1.25" per 10' (minimum). <input type="checkbox"/> Other _____	Building sewer: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory <u>(12')</u>
Septic tank: Capacity <u>1000</u> gals. (minimum). <input type="checkbox"/> Other _____	Pretreatment unit: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Inlet-outlet structure: PVC 40, 4" tees or equivalent. <input type="checkbox"/> Other _____	Inlet-outlet structure: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Pump and pump station: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> describe and show design. If yes: _____	Pump & pump station: yes <input type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory <u>N/A</u>
Gravity mains: 3" or larger I.D., minimum 6" fall per 100', 1500 lb. crush strength or equivalent. <input checked="" type="checkbox"/> Other <u>4"</u>	Conveyance method: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Distribution box: Precast concrete with <u>≥ 8</u> ports. <input type="checkbox"/> Other _____	Distribution box: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Header lines: Material: 4" I.D. 1500 lb. crush strength plastic or equivalent from distribution box to 2' into absorption trench. Slope 2" minimum. <input type="checkbox"/> Other _____	Header lines: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Percolation lines: Gravity 4" plastic 1000 lb. per foot bearing load or equivalent, slope 2" 4" (min. max.) per 100'. <input type="checkbox"/> Other _____	Percolation lines: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Absorption trenches: Square ft. required <u>1356</u> ; depth from ground surface to bottom of trench <u>40"</u> ; aggregate size <u>1/2-1/2"</u> . Trench bottom slope <u>2 TO 4 INCHES / 100 FT.</u> ; center to center spacing <u>7 FT.</u> ; trench width <u>24"</u> . Depth of aggregate <u>6"</u> ; Trench length <u>100 FT.</u> ; Number of trenches <u>7</u>	Absorption trenches: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments _____ Satisfactory
Date <u>9/25/90</u> Inspected and approved by: _____ _____ Sanitarian	

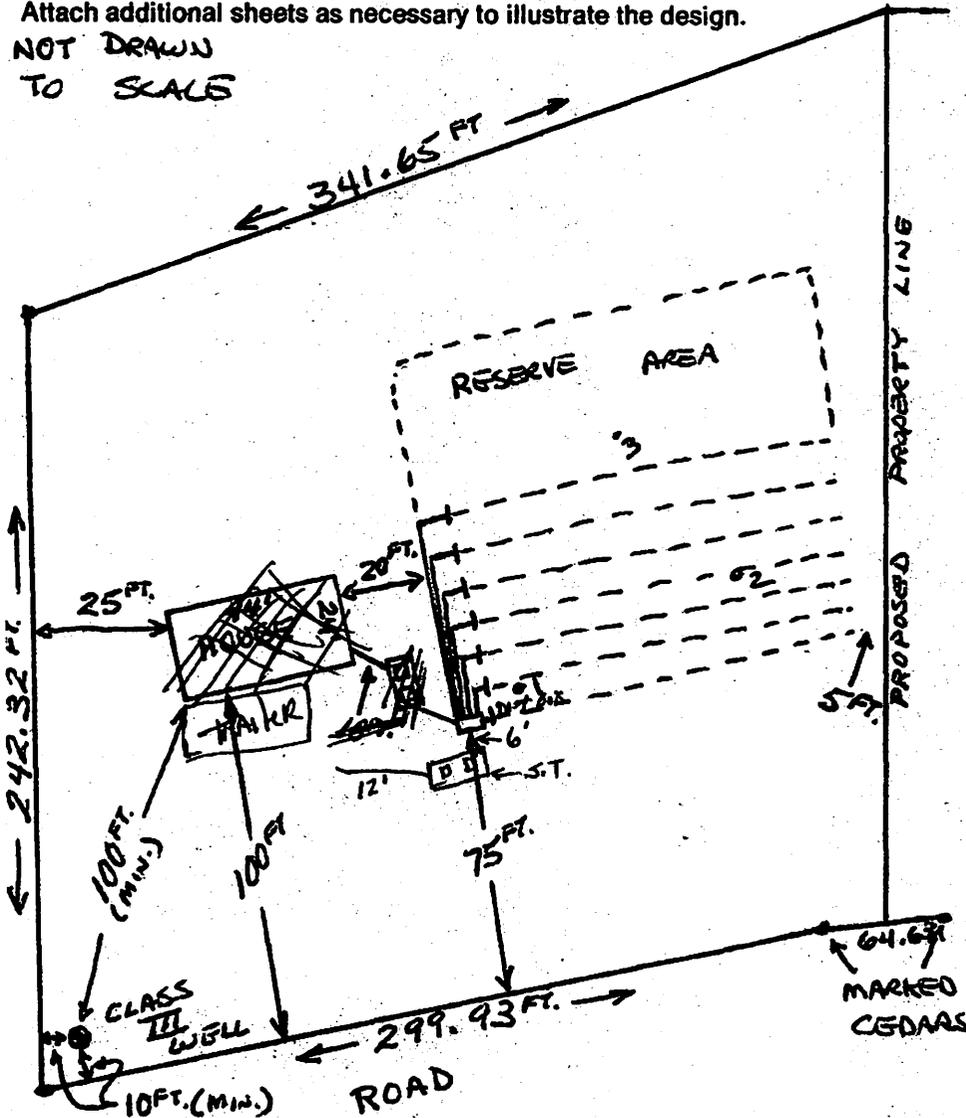
4-5B1

**Schematic drawing of sewage disposal system and topographic features.**

Show the lot lines of the building lot and building site, sketch of property showing any topographic features which may impact on the design of the system, all existing and/or proposed structures including sewage disposal systems and wells within 100 feet of sewage disposal system and reserve area. The schematic drawing of the sewage disposal system shall show sewer lines, pretreatment unit, pump station, conveyance system, and subsurface soil absorption system, reserve area, etc. When a nonpublic drinking water supply is to be located on the same lot show all sources of pollution within 100 feet.

The information required above has been drawn on the attached copy of the sketch submitted with the application. Attach additional sheets as necessary to illustrate the design.

NOT DRAWN  
TO SCALE



DRAWFIELD LINES MUST BE INSTALLED ON CONTOUR.  
 7 LINES, 100 FT.  
 24" WIDE, 40" DEEP  
 7 FT. CENTERS.  
 DRAWFIELD AREA:  
 100 FT. X 44 FT.  
 RESERVE AREA:  
 100 FT. X 22 FT.  
 CLASS III WELL MUST BE LOCATED AT LEAST 100 FT FROM THE NEAREST DRAWFIELD, 100 FT FROM THE NEAREST TERMITE TREATED HOUSE, AND AT LEAST 10 FT OFF PROPERTY LINES.

The sewage disposal system is to be constructed as specified by the permit  or attached plans and specifications .

This sewage disposal system construction permit is null and void if (a) conditions are changed from those shown on the application (b) conditions are changed from those shown on the construction permit.

No part of any installation shall be covered or used until inspected, corrections made if necessary, and approved, by the local health department or unless expressly authorized by the local health dept. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon the direction of the Department.

Date: 15 OCT 87 Issued by: Raymond L. Jenkins  
 Sanitarian

Date: 10 OCT 87 Reviewed by: Charles E. Shepherd  
 Supervisory Sanitarian

This Construction Permit Valid ~~1000~~ For 54 MONTHS

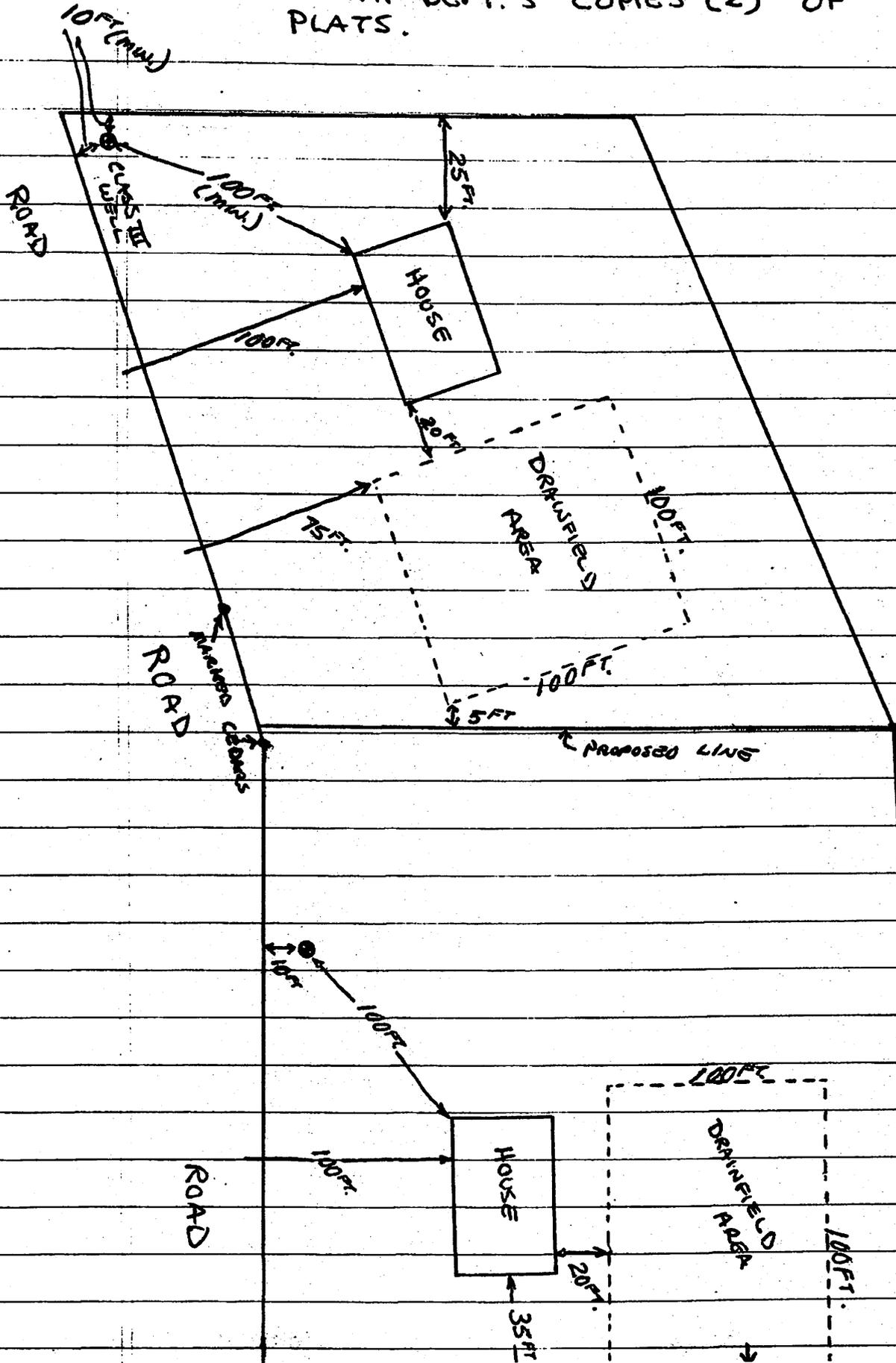
If FHA or VA financing

Reviewed by Date \_\_\_\_\_ Date \_\_\_\_\_

Supervisory Sanitarian

Regional Sanitarian

LULA BOYD PROPERTY  
INFORMATION TO BE PUT ON  
HEALTH DEPT.'S COPIES (2) OF  
PLATS.



# Sewage Disposal System Operation Permit

Commonwealth of Virginia  
Department of Health

Health Department  
Identification No. SD-87-191  
Orange County Health Department



Tax Map No. 4-5B-1

Clarence W. Boyd is Hereby Granted Permission  
to Operate a (Type) I Sewage Disposal System Having a Design Capacity of 450 gpd, at  
1.1 mile N of Int. 711/3; W. Side of R.O.W.

SUBDIVISION	SECTION/BLOCK	LOT
N/A	4	5B-1

This permit is issued in accordance with the Provisions of 32.1, Chapter 6 of the Code of Virginia as Amended and Section(s)  
3.22 of the Sewage Handling and Disposal Regulations of the Virginia Department of Health and

with Previously Issued permits None Dated N/A

with the understanding that the Owner and/or any Subsequent Owner will operate the Sewage Disposal System in accordance with the Sewage Handling and Disposal Regulations of the Virginia Department of Health and any Variance's or Conditions Granted. Issuance of an Operating Permit does not imply or Guarantee that the Sewage Disposal System will Function for any Specified Period of Time.

VARIANCES GRANTED  
 NONE  SEE ATTACHED

SPECIAL CONDITIONS  
 NONE  SEE ATTACHED

9/25/90  
Effective Date

[Signature]  
Recommended (Sanitarian)

[Signature]  
Approved (State Health Commissioner)

# Completion Statement

Commonwealth of Virginia  
State Department of Health

Health Department  
Identification Number JD-17-191  
ORANGE Co Health Department

Name of Company/Corporation/Individual: E.B. Excavating  
Address: 501 Wynn Dr. Telephone: 373-5286  
Owner's Name LULA A. Boyd  
Owner's Address MARSAH VA.  
Location of Installation: Lot 5B-1 Block       
Section: 4 Subdivision:       
Other:     

I hereby certify that the onsite sewage disposal system has been installed and completed in accordance with the construction permit issued (date) OCT. 15, 1987 and is in compliance with Part D of the Sewage Handling and Disposal Regulations and when appropriate the plans and specifications for the project.

9/25/90 Date John W. [Signature] Signature and Title

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

• BWCM No. \_\_\_\_\_

State Water Control Board  
P. O. Box 11143  
2111 North Hamilton St.  
Richmond, Va. 23230

(Certification of Completion/County Permit)

County/City Orange  
County/City Stamp \_\_\_\_\_

SWCB Permit _____
County Permit _____
Certification of inspecting official: This well does _____ does not _____ meet code/low requirements. S. _____ Date _____
For Office Use

• Virginia Plane Coordinates
_____ N
_____ E
Latitude & Longitude
_____ N
_____ W
• Topo. Map No. _____
• Elevation _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Logs _____
• Cuttings _____
• Water Analysis _____
• Aquifer Test _____

• Owner Clarence Boyd

• Well Designation or Number \_\_\_\_\_

Address HCR05 Box 32AA  
Madison, VA 22727

Phone (703)371-0268

• Drilling Contractor YAN'S Construction Co

Address P.O. Box 3306  
Fredericksburg, VA

Phone (703)373-7502

SD 87-191

Tax Map I.D. No. 4-5P-1

Subdivision \_\_\_\_\_

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot \_\_\_\_\_

Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
IIB \_\_\_\_\_, IIIA x, IIIB \_\_\_\_\_  
IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: Rt. 3 (feet/miles west direction) of go right on Rt. 711  
and 1 mile (feet/miles west direction) of bear left at newly cut drive  
(If possible please include map showing location marked)

Date started 9/25/90 • Date completed 9/25/90 Type rig Rotary

I. WELL DATA: New x Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

• Total depth 180 ft.

• Depth to bedrock 50 ft.

• Hole size (Also include reamed zones)

- 11 inches from 0 to 60 ft.
- 6 inches from 60 to 180 ft.
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Casing size (I.D.) and material

- 6 inches from +1 to 20 ft.  
Material steel  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.
- 6 inches from 20 to 80 ft.  
Material PVC  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Material \_\_\_\_\_  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.

• Screen size and mesh for each zone (where applicable)

- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
- Mesh size \_\_\_\_\_ Type \_\_\_\_\_
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
- Mesh size \_\_\_\_\_ Type \_\_\_\_\_
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
- Mesh size \_\_\_\_\_ Type \_\_\_\_\_
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
- Mesh size \_\_\_\_\_ Type \_\_\_\_\_

• Gravel pack

- From \_\_\_\_\_ to \_\_\_\_\_ ft.
- From \_\_\_\_\_ to \_\_\_\_\_ ft.

• Grout By owner

- From \_\_\_\_\_ to \_\_\_\_\_ ft., Type \_\_\_\_\_
- From \_\_\_\_\_ to \_\_\_\_\_ ft., Type \_\_\_\_\_

2. WATER DATA • Water temperature \_\_\_\_\_

- Static water level (unpumped level-measured) 30
- Stabilized measured pumping water level \_\_\_\_\_
- Stabilized yield 8 gpm after 2 hr
- Natural Flow: Yes \_\_\_\_\_ No x, flow rate: \_\_\_\_\_ g
- Comment on quality dingy

3. WATER ZONES: From 75 To 80  
From 90 To 95 From 120 To 125  
From 150 To 155 From \_\_\_\_\_ To \_\_\_\_\_

4. USE DATA:

Type of use: Drinking x, Livestock Watering \_\_\_\_\_  
Irrigation \_\_\_\_\_, Food processing \_\_\_\_\_, Household x  
Manufacturing \_\_\_\_\_, Fire safety \_\_\_\_\_, Cleaning \_\_\_\_\_  
Recreation \_\_\_\_\_, Aesthetic \_\_\_\_\_, Cooling or heating \_\_\_\_\_  
Injection \_\_\_\_\_, Other \_\_\_\_\_

• Type of facility: Domestic x, Public water supply \_\_\_\_\_  
Public institution \_\_\_\_\_, Farm \_\_\_\_\_, Industry \_\_\_\_\_  
Commercial \_\_\_\_\_, Other \_\_\_\_\_

5. PUMP DATA: Type \_\_\_\_\_ • Rated H.P. \_\_\_\_\_  
• Intake depth \_\_\_\_\_ • Capacity \_\_\_\_\_ at \_\_\_\_\_ head

6. WELLHEAD: Type well seal \_\_\_\_\_  
Pressure tank \_\_\_\_\_ gal., Loc. \_\_\_\_\_  
Sample tap \_\_\_\_\_, Measurement port \_\_\_\_\_  
Well vent \_\_\_\_\_, Pressure relief valve \_\_\_\_\_  
Gate valve \_\_\_\_\_, Check valve (when required) \_\_\_\_\_  
Electrical disconnect switch on power supply \_\_\_\_\_

7. DISINFECTION: Well disinfected \_\_\_\_\_ yes \_\_\_\_\_ no \_\_\_\_\_  
Date \_\_\_\_\_, Disinfectant used \_\_\_\_\_  
Amount \_\_\_\_\_, Hours used \_\_\_\_\_

8. ABANDONMENT (where applicable) • yes \_\_\_\_\_ no \_\_\_\_\_  
Casing pulled yes \_\_\_\_\_ no \_\_\_\_\_ not applicable \_\_\_\_\_  
Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_

COMMUNICATIONS SECTION  
FEDERAL BUREAU OF INVESTIGATION

Form 10-61  
Rev. 1-25-60

Case No. 100-100000  
Date 1-25-60  
Time 10:00 AM

TO: SAC, NEW YORK  
FROM: SAC, NEW YORK  
SUBJECT: [Illegible]

RE: [Illegible]

DATE: 1-25-60

TIME: 10:00 AM

BY: [Illegible]

TO: SAC, NEW YORK  
FROM: SAC, NEW YORK  
SUBJECT: [Illegible]

RE: [Illegible]

DATE: 1-25-60

TIME: 10:00 AM

BY: [Illegible]

TO: SAC, NEW YORK  
FROM: SAC, NEW YORK  
SUBJECT: [Illegible]

RE: [Illegible]

DATE: 1-25-60

TIME: 10:00 AM

BY: [Illegible]

1. [Illegible]

2. [Illegible]

3. [Illegible]

4. [Illegible]

5. [Illegible]

6. [Illegible]

7. [Illegible]

8. [Illegible]

9. [Illegible]

10. [Illegible]

11. [Illegible]

12. [Illegible]

13. [Illegible]

14. [Illegible]

15. [Illegible]

16. [Illegible]

17. [Illegible]

18. [Illegible]

19. [Illegible]

20. [Illegible]

1. [Illegible]

2. [Illegible]

3. [Illegible]

4. [Illegible]

5. [Illegible]

6. [Illegible]

7. [Illegible]

8. [Illegible]

9. [Illegible]

10. [Illegible]

11. [Illegible]

12. [Illegible]

13. [Illegible]

14. [Illegible]

15. [Illegible]

16. [Illegible]

17. [Illegible]

18. [Illegible]

19. [Illegible]

20. [Illegible]

Owner \_\_\_\_\_

BWCM No. \_\_\_\_\_

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping tests, drill cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. Quarterly pumpage and use reports are required from owners of public supply and industrial wells. County or State permits to drill may be required in some parts of the state. Some counties require submission of a water well completion report. The Virginia State Health Department requires a water well completion report for public supply wells.

10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, (etc.))
From	To		
0	10	tight orange clay	
10	50	brown clay	
50	60	soft brown rock	
60	90	soft brown rock with voids	
90	180	granite with brown seams and voids	
75	80		water

11. Drilling Time (Min.) \_\_\_\_\_

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

State Water Control Board Regional Offices

Valley Reg. Off.  
116 North Main Street  
P. O. Box 268  
Bridgewater, Va. 22812  
703-828-2595

Piedmont Reg. Off.  
4010 West Broad Street  
P. O. Box 6616  
Richmond, Va. 23230  
804-257-1006

Southwest Reg. Off.  
408 East Main Street  
P. O. Box 476  
Abingdon, Va. 24210  
703-628-5183

Tidewater Reg. Off.  
287 Pembroke Office Park  
Suite 310 Pembroke No. 2  
Va. Beach, Va. 23462  
804-499-8742

West Central Reg. Off.  
Executive Park  
5312 Peters Creek Road  
Roanoke, Va. 24019  
703-982-7432

Northern Virginia Reg. Off.  
5515 Cherokee Avenue  
Suite 404  
Alexandria, Va. 22312  
703-750-9111

13. Well lot dedicated? \_\_\_\_\_: Size \_\_\_\_\_ ft. X \_\_\_\_\_ ft.: Well house? \_\_\_\_\_  
Distance to nearest pollutant source \_\_\_\_\_ ft., Type \_\_\_\_\_  
Distance to nearest property line \_\_\_\_\_ ft., Building \_\_\_\_\_ ft.

14. WATER SERVICE PIPE: Checked under \_\_\_\_\_ p.s.i. for \_\_\_\_\_ minutes. Pipe size \_\_\_\_\_ inches, Material \_\_\_\_\_  
Installer \_\_\_\_\_  
Date \_\_\_\_\_

15. I certify that the information contained herein is true and correct and that this well and/or system has been installed and constructed in accordance with the requirements for well construction as specified in compliance with appropriate county or independent city ordinances and the laws and rules of the Commonwealth of Virginia.

Signature Jackie Faase (Seal), Date 9/26/90  
(Well driller or authorized person) License No. \_\_\_\_\_

THESE ARE THE TERMS AND CONDITIONS OF THE CONTRACT... (mirrored text)

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
		Light orange clay	1.00	0
		ROWN CLAY	1.00	10
		SOFT BROWN SOIL	1.00	20
		SOFT BROWN SOIL WITH VERDE	1.00	30
		GREENISH SOFT BROWN SOIL WITH VERDE	1.00	40
		Water	1.00	75

STATE OF TEXAS, COUNTY OF DALLAS, this 1st day of May, 1961, I, the undersigned, being duly qualified, do hereby certify that the foregoing is a true and correct copy of the original as the same appears in the files of the State Engineer's Office at Austin, Texas.

STATE ENGINEER

By \_\_\_\_\_

DEPUTY STATE ENGINEER

By \_\_\_\_\_

PR. 125.00 RST -

**CONSTRUCTION PERMIT**

Commonwealth of Virginia

Application for a Sewage Disposal and/or Water Supply Permit

Health Department ID SD-94-187

*Card #12*

To Be Completed By The Applicant

Type of sewage system:  New  Repair  Expanded  Conditional  
FHA/VA yes  no  Case No. \_\_\_\_\_

Owner Clarence W Boyd Address Hells Bx 327A Phone 672-5865  
Madison VA 22127

Agent \_\_\_\_\_ Address \_\_\_\_\_ Phone \_\_\_\_\_

Directions of Property 1.1 mile north of Int 711/3 W. side of R.O.W.

Subdivision \_\_\_\_\_ Section 4 Block \_\_\_\_\_ Lot S.B.2

Other Property Identification 2 1/2 acres

Dimension/size of Lot/Property \_\_\_\_\_

Other Application Information:

I. Building/facility  New  Existing  
Intermittent Use  Yes  No If yes, describe \_\_\_\_\_

II. Residential Use  Yes  No  
Termite Treatment  Yes  No  
 Single Family (Number of Bedrooms 2)  Multi-family (Number of Units \_\_\_\_\_)

Basement  Yes  No  
Fixtures in Basement  Yes  No

III. Commercial Use  Yes  No Describe: \_\_\_\_\_  
Commercial/Wastewater  Yes  No Number of Patrons \_\_\_\_\_  
Number of Employees \_\_\_\_\_

If yes, give volumes and describe \_\_\_\_\_

IV. Water Supply:  Public  New  Existing  
 Private  New  Existing

Describe: \_\_\_\_\_

V. Proposed Sewage Disposal Method:

Onsite Sewage Disposal System:  Septic Tank Drainfield  LPD  Mound  Other

Public Sewerage System

Attach a site plan (rough sketch) showing dimensions of property, proposed and/or existing structures and driveways, underground utilities, adjacent soil absorption system, bodies of water, drainage ways, and wells and springs within 200 feet radius of the center of the proposed well or drainfield. Distances may be paced or estimated.

The property lines and building location are clearly marked and the property is sufficiently visible to see the topography. I give permission to the Department to enter onto the property described for the purpose of processing this application.

Clarence W Boyd  
Signature of Owner/Agent

7-14-84  
Date

*VOID*  
*WITHDRAWN 10/27/84*  
*\* Mrs Boyd said*  
*co. would not allow*  
*the transfer where*  
*she wanted to*  
*live it. I*  
*own*

*50506-4-I-12*

*4-582*  
*Sec 4-58-2*

TAG SHEET

SD# SD-94-187

Name: Charles Boyd Tax Map ID 4-5B

Application for: Construction Permit  Certification

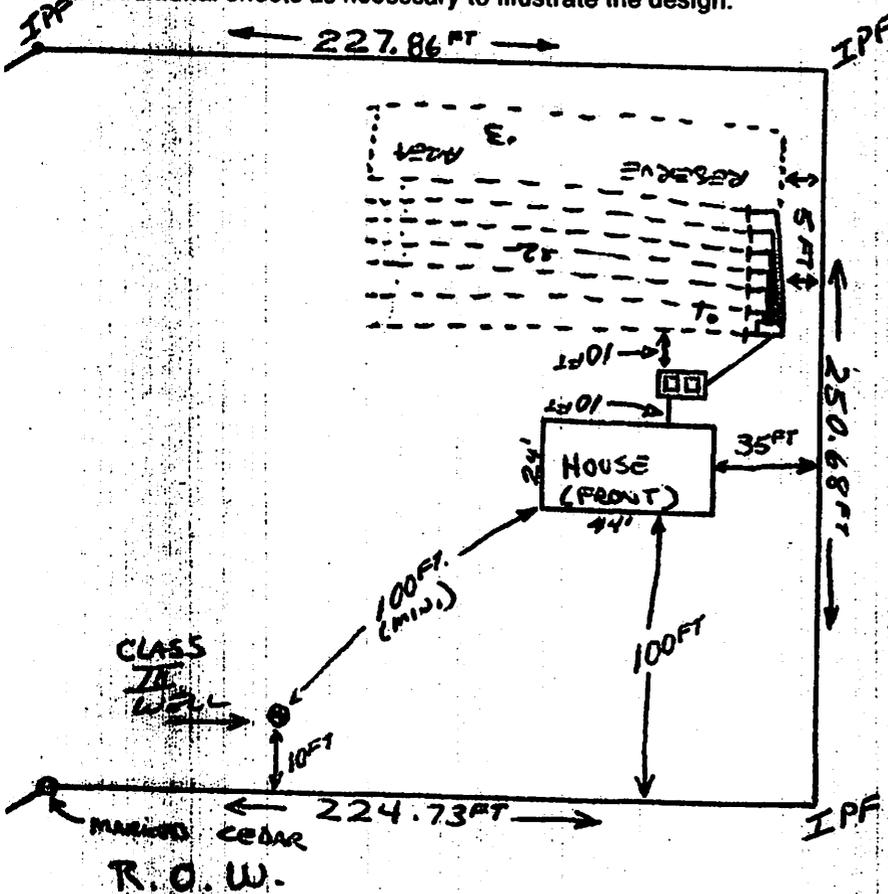
	Date	Initials
Application Received:	7/14/94	BST
Application Reviewed:	↓	↓
Fee Determination:	yes	JMK
Assigned to:		↓
Site Visit Scheduled:		↓
Site Visit Made:		
Deactivated:		
Purpose:		
Reactivated:		
Follow-up Visit:		
Follow-up Visit:		
Issue/Deny Drafted:		
Issue/Deny Reviewed:		
Issue/Deny Countersigned:		
Issue/Deny Mailed		

~~W~~ WITHDRAWN  
 AFTER VISIT  
 Co. will not  
 allow 2nd time  
 to be issued  
 on this lot.  
 Due to setback.

**Schematic drawing of sewage disposal system and topographic features.**

Show the lot lines of the building lot and building site, sketch of property showing any topographic features which may impact on the design of the system, all existing and/or proposed structures including sewage disposal systems and wells within 100 feet of sewage disposal system and reserve area. The schematic drawing of the sewage disposal system shall show sewer lines, pretreatment unit, pump station, conveyance system, and subsurface soil absorption system, reserve area, etc. When a nonpublic drinking water supply is to be located on the same lot show all sources of pollution within 100 feet.

The information required above has been drawn on the attached copy of the sketch submitted with the application. Attach additional sheets as necessary to illustrate the design.



DRAWFIELD LINES MUST BE  
 INSTALLED ON CONTOUR  
 7 LINES, 100 FT LONG  
 24" WIDE, 30" DEEP  
 6 FT CENTERS.

NOT DRAWN TO SCALE

The sewage disposal system is to be constructed as specified by the permit  or attached plans and specifications .

This sewage disposal system construction permit is null and void if (a) conditions are changed from those shown on the application (b) conditions are changed from those shown on the construction permit.

No part of any installation shall be covered or used until inspected, corrections made if necessary, and approved, by the local health department or unless expressly authorized by the local health dept. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon the direction of the Department.

Date: 8 OCT 1987 Issued by: Douglas L. Jenkins  
 Sanitarian  
 Date: 10 Oct 87 Reviewed by: Charles E. Shepherd  
 Supervisory Sanitarian

This Construction  
 Permit Valid 54 MONTHS

If FHA or VA financing

Reviewed by Date \_\_\_\_\_ Date \_\_\_\_\_  
 Supervisory Sanitarian Regional Sanitarian

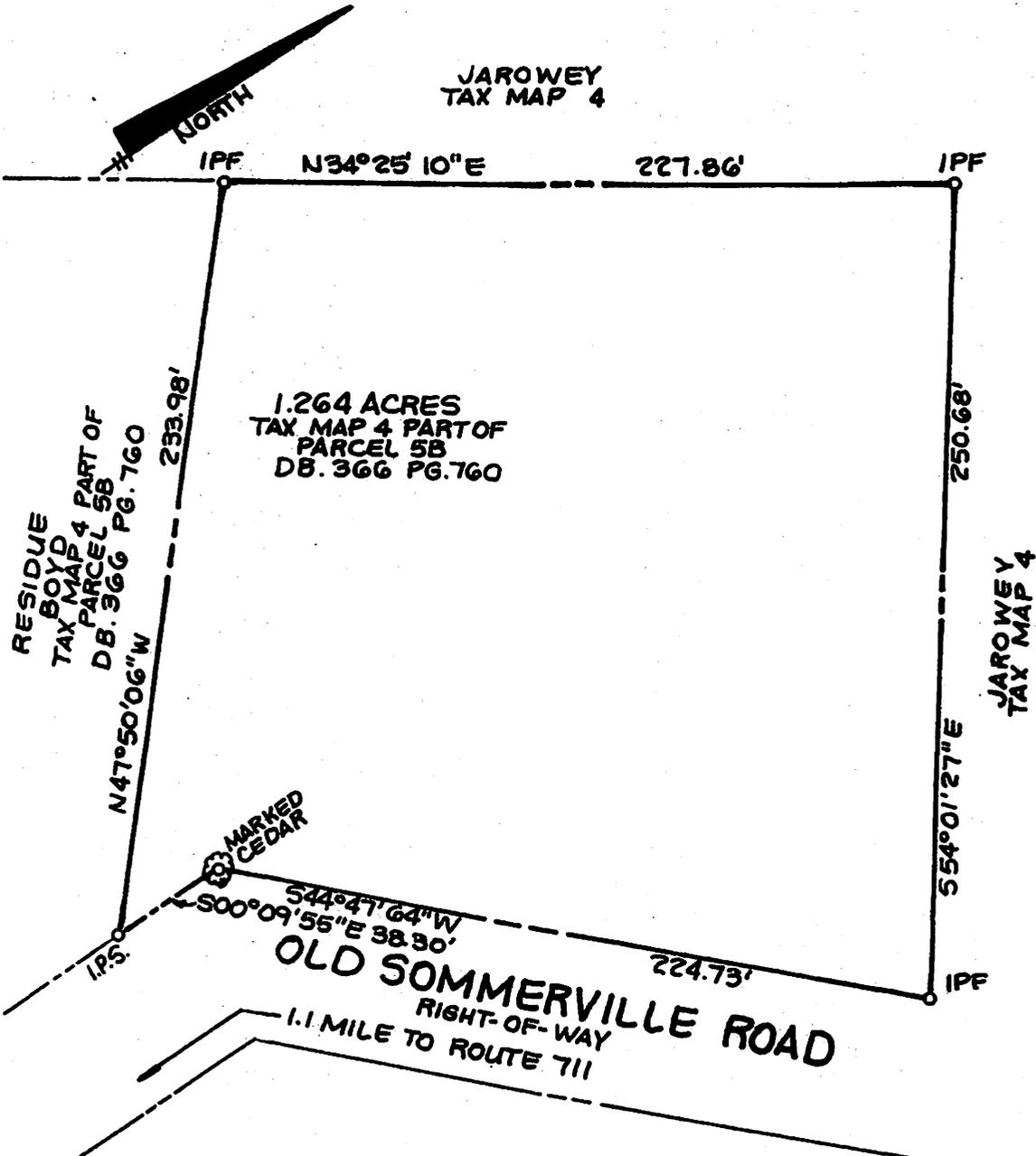
FAMILY DIVISION OF  
 PORTION OF LULA A. BOYD PROPERTY  
 GORDON MAGISTERIAL DISTRICT  
 ORANGE COUNTY, VIRGINIA

SCALE: 1"=50'

MAY 5, 1988

NOTES:

1. NO TITLE REPORT FURNISHED.
2. EASEMENTS NOT SHOWN MAY EXIST.
3. UNDERGROUND UTILITIES AND SUBSURFACE FACILITIES NOT LOCATED.
4. IMPROVEMENTS, IF ANY EXIST, NOT SHOWN.
5. PLAT SHOWING HOUSE SITE, WELL, AND DRAINFIELD LOCATIONS ON FILE AT HEALTH DEPARTMENT. DEVIATIONS FROM SAID PLAT REQUIRE APPROVAL.

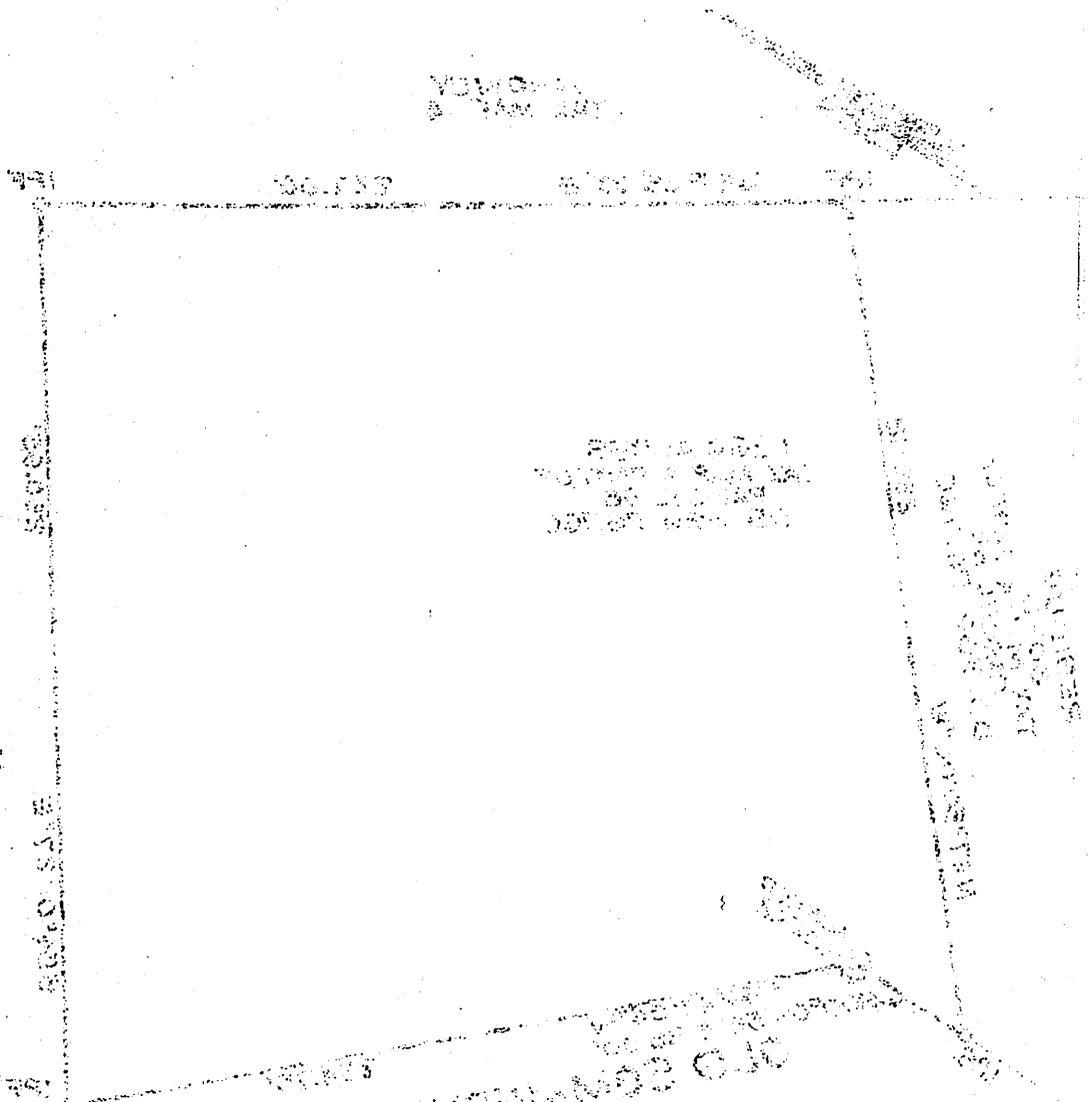


*Everett D. Grissom*  
 EVERETT D.  
 GRISSOM  
 COMMISSIONER OF HEALTH  
 ORANGE COUNTY, VIRGINIA

SUBDIVISION DATA	
OWNER <i>Everett D. Grissom</i>	DATE 5-6-88

SECTION OF L.L.A. & B.C.D. PROPERTY  
TO THE DIVISION OF  
GENERAL INVESTIGATION  
MAY 27, 1938

GENERAL INVESTIGATION  
SECTION OF L.L.A. & B.C.D. PROPERTY  
TO THE DIVISION OF  
GENERAL INVESTIGATION  
MAY 27, 1938



SECTION OF L.L.A. & B.C.D. PROPERTY  
TO THE DIVISION OF  
GENERAL INVESTIGATION  
MAY 27, 1938

SECTION OF L.L.A. & B.C.D. PROPERTY  
TO THE DIVISION OF  
GENERAL INVESTIGATION  
MAY 27, 1938

SECTION OF L.L.A. & B.C.D. PROPERTY  
TO THE DIVISION OF  
GENERAL INVESTIGATION  
MAY 27, 1938

FAMILY DIVISION OF  
 PORTION OF LULA A. BOYD PROPERTY  
 GORDON MAGISTERIAL DISTRICT  
 ORANGE COUNTY, VIRGINIA

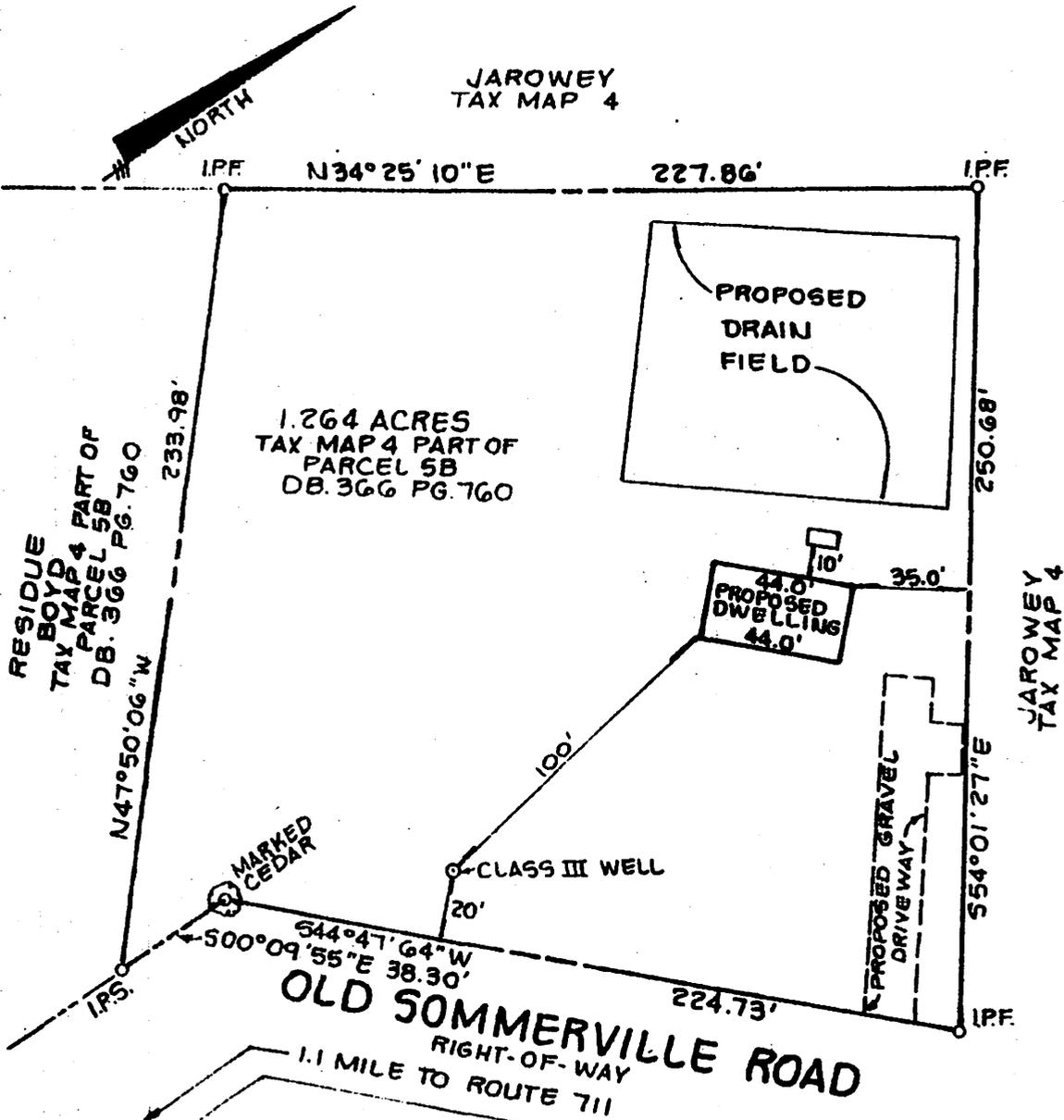
SCALE: 1"=50'

MAY 5, 1988

NOTES:

1. NO TITLE REPORT FURNISHED.
2. EASEMENTS NOT SHOWN MAY EXIST.
3. UNDERGROUND UTILITIES AND SUBSURFACE FACILITIES NOT LOCATED.
4. IMPROVEMENTS, IF ANY EXIST, NOT SHOWN.
5. PLAT SHOWING HOUSE SITE, WELL, AND DRAINFIELD LOCATIONS ON FILE AT HEALTH DEPARTMENT. DEVIATIONS FROM SAID PLAT REQUIRE APPROVAL.

JAROWEY  
 TAX MAP 4



RESIDUE  
 BOYD  
 TAX MAP 4 PART OF  
 PARCEL 5B  
 DB. 366 PG. 760

JAROWEY  
 TAX MAP 4

COMMISSIONER OF HEALTH  
 EVERETT D. GRISSOM

SUBDIVISION DATA	
OWNER	DATE
Everett D. Grissom	5-6-88

Orange County  
 Orange VA 22960  
 672-4574 OR 972-0081  
 William N. Schwind  
 Building Official

SINGLE WIDE MOBILE HOME

PERMIT NUMBER: 0001370 - 94

APPLICATION DATE: 7/27/94

ISSUANCE DATE: 7/27/94

DATE: 7/27/94

OWNER: Clarence W. Boyd  
 HCR 5, Box 32-AA  
 Madison VA 22727  
 PHONE: 672-5865

CONTRACTOR: OWNER  
 SITE ADDRESS: #711 1962 Somerville Road

00000

00000

PHONE:

DESCRIPTION OF CONSTRUCTION LOCATION

TAX MAP NO.: 4-5B-2

SECTION: 4-58

BLOCK:

LOT:

REF NO.: M14-794

SET-BACKS:  
 FRONT: 100 BACK: 100+  
 RIGHT: 35 LEFT: 100

HEALTH PERMIT NO.: SD87-190  
 FLOODPLAIN:  
 AREA:

DISTRICT:  
 SUB-DIVISION:  
 ZONE: Agricultural  
 SPECIAL USE:

SITE PLAN:

DIRECTIONS TO SITE: #711 off #3

Ernest Janney - occupant of mobile home (Medical emergency - approved for as long as med. emerg. exists - for Ernest Janney only)

HUD# RAD007684

USE GROUP:  
 INSPECTED AND APPROVED UNDER

USE CODE:

SQ FEET:

SINGLE WIDE MOBILE HOME

Garage  
 Stairs  
 Air Cond. YES  
 Water P/I IND.  
 Begin Date ASAP  
 Lien Agent  
 Phone

Decks  
 Fireplace  
 Temp. Elec  
 Sewer P/I IND.  
 EXPIRES ON 7/95

Bedrooms 2  
 Basement  
 Ext. walls  
 Hlth.Pmt. OCT. 1987

Baths 1 1/2  
 Heat HEATPUMP  
 LgthxWidth 12 X 60  
 Hlth.Insp. DOUG JENKINS

Permit for EMERG. MED. M.H. 1976 *Parklane*  
 City/State

JOB VALUE: 1,000.00

PERMIT FEE: 150.00

1% Surcharge : 1.50

Renewal Fee :

Reinsp. Fee :

TOTAL FEES: 151.50

I hereby certify that I have the authority to make the foregoing application, that the information given is correct, and the application and construction shall conform to the County Health Regulations, the Zoning Ordinance, the Virginia Uniform Statewide Building Code, and private deed restrictions, if any, which are imposed

7/27/94

SEAL OF THE COUNTY OF ORANGE, VIRGINIA

REQUIRED SIGNATURES

*Clarence W. Boyd*  
 Owner or Agent

*Wm. Schwind*  
 Building Inspector

*Bob Blif*  
 Zoning Administrator

Date

Date

Date

7/27/94

7/27/94

27 Jul 94

July 27, 1994

Dear Mr. Richards

We would like to hook up to the drainfield which exists now on lot 5B-1. We have received a special use permit from the Orange County Board of Supervisors for a medical emergency. This would be a trailer on lot 5B-2 next door to the trailer on lot 5B-1. There will not be more than two occupants living in either trailer at one time.

We request a permit to put this ~~trailer~~ drain system hook-up in for this trailer.

Thank you

Clarence W Boyd

**APPENDIX IV**

**CORRESPONDENCE**

## Meggan Sellers

---

**From:** Copeland, Vanessa <vanessa.copeland@vdfp.virginia.gov>  
**Sent:** Tuesday, June 25, 2019 3:51 PM  
**To:** Meggan Sellers  
**Subject:** Re: FOIA Request: Somerset Farm

Good afternoon,

The State Fire Marshal's Office has no records for the parcels of 040000000005A, 0040000000005B, 0040000000005C, 0040000000005D, 0040000000005H and 0040000D00010 which is located in Orange County, VA.

Thanks,

Vanessa Copeland, MS  
Marketing & Communications Manager/PIO  
Virginia Department of Fire Programs  
1005 Technology Park Drive  
Glen Allen, VA 23059

O: (804) 249-1986  
C: (804) 335-7210  
E: [vanessa.copeland@vdfp.virginia.gov](mailto:vanessa.copeland@vdfp.virginia.gov)

CONFIDENTIALITY NOTICE: This electronic message is intended to be viewed only by the individual or entity to whom it is addressed. It may contain information that is privileged, confidential and exempt from disclosure under applicable law. Any dissemination, distribution or copying of this communication is strictly prohibited without the permission of the Department of Fire Programs. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, or if you have received this communication in error, please notify us immediately by return e-mail and delete the original message and any copies of it from your computer system.

On Wed, Jun 19, 2019 at 11:30 AM Meggan Sellers <[Meggan@tntenvironmentalinc.com](mailto:Meggan@tntenvironmentalinc.com)> wrote:

Hello,

I am requesting the forwarding of any records your Office has for county parcel numbers: 0040000000005A, 0040000000005B, 0040000000005C, 0040000000005D, 0040000000005H and 0040000D00010 regarding Fire Department responses or incidents on or within the vicinity of the abovementioned site. Please also forward any information or records regarding the release of hazardous materials including leaks and/or spills of petroleum based products, septic systems, wells, or storage tanks found onsite that may have contained hazardous materials or petroleum products that may have occurred onsite. An email of these records would be great.

Thanks!

Sincerely,

**Meggan Sellers**

**Environmental Scientist**



**13996 PARKEAST CIRCLE, SUITE 101**

**CHANTILLY, VIRGINIA 20151**

**MOBILE: 423-231-9553**

**OFFICE: 703-466-5123**

**WEB: [www.TNTenvironmentalinc.com](http://www.TNTenvironmentalinc.com)**



## Meggan Sellers

---

**From:** Michelle Williams <mlwilliams@orangecountyva.gov>  
**Sent:** Wednesday, June 26, 2019 10:32 AM  
**To:** Meggan Sellers  
**Subject:** FOIA Request  
**Attachments:** Sellers, Meggan\_TNT Environmental FOIA Response 190626.pdf

**Importance:** High

Ms. Sellers,

Attached, please find the response to your FOIA request.

Should you have any questions, feel free to contact me.

Kind Regards,

*Michelle L. Williams*



**Michelle L. Williams**

Administrative Assistant | FOIA Officer

County of Orange, Virginia | Office of the County Administrator

112 West Main Street | Post Office Box 111 | Orange, Virginia 22960

Phone 540.672.3313 ext. 5405 | Fax 540.672.1679

Visit Us Online [www.OrangeCountyVA.gov/Administration](http://www.OrangeCountyVA.gov/Administration)

**APPENDIX V**

**PHOTOGRAPHS**



**Photograph 1:** View to the northeast showing an electric panel and two cable boxes.



**Photograph 2:** View to the southeast showing a dilapidated residential structure.



**Photograph 3:** View to the southeast showing an empty 55-gallon plastic drum.



**Photograph 4:** View to the southeast showing a concrete vault.



**Photograph 5:** View to the southeast showing a pole-mounted transformer.



**Photograph 6:** View to the east showing a large abandoned PVC pipe.



**Photograph 7:** View to the south showing a large abandoned truck bed



**Photograph 8:** View to the west showing an offsite construction site.



**Photograph 9:** View to the south showing a culvert leading offsite.



**Photograph 10:** View to the east showing an offsite golf maintenance building.



**Photograph 11:** View to the east showing discarded metal and wood scraps.



**Photograph 12:** View to the northwest showing a storm sewer manhole.

**APPENDIX VI**

**STATEMENT OF QUALIFICATIONS**

## LAUREN A. DUVALL, PWD, PWS, ISA-CA

2018



13996 Parkeast Circle, Suite 101 Chantilly, Virginia 20151

703-466-5123

Lauren@TNTenvironmentalinc.com

www.TNTenvironmentalinc.com

REGISTRATIONS, CERTIFICATIONS  
AND AFFILIATIONS

- Certified Professional Wetland Delineator (# 3402000152)
- Professional Wetland Scientist (#2377)
- Certified Arborist (#MA-3529A)
- Rosgen IV River Restoration and Natural Channel Design
- Rosgen III River Assessment & Monitoring
- Rosgen II Applied Fluvial Geomorphology
- Rosgen I River Morphology and Applications
- Professional Wetland Delineator Training Program
- Environmental Due Diligence – Principals & Practices – Training Certification
- 2016-2017 Vice President - Women in the Building Industry, NVBIA
- 2016-Present Fairfax Releaf Board Member

## PROFESSIONAL ACTIVITIES

- Phase I Environmental Site Assessments
- Wetland Delineations/Assessments
- Wetland Permitting/ Compliance Monitoring
- Tree Preservation/Conservation Plans
- Arborist Monitoring
- Threatened and Endangered Species Reviews & Surveys
- SWPPPs
- NPDES/VSMP Permitting

## EDUCATION

**George Mason University**

Bachelor of Science – Earth Science

Masters of Science Candidate – Environmental Management

## EXPERIENCE

Senior Wetland Scientist | **TNT Environmental, Inc.**

March 2014 - Present

Ms. Duvall is a Senior Wetland Scientist at TNT Environmental, Inc. with over ten years of professional experience. Ms. Duvall's experience is concentrated on wetland, arboricultural, and other natural resource consulting services for properties ranging from ¼ acre through 1,000 acres in the region. Ms. Duvall is tasked with managing routine to complex projects and critically evaluating technical problems in the field and in the office. Additionally, Ms. Duvall is involved in all aspects of project management including client development, invoicing, scheduling, proposals, report writing, employee training, and data analysis.

## PROJECT EXPERIENCE

❖ **Dulles Properties, Loudoun County, VA**

Conducted a Phase I Environmental Site Assessment on a tract of land of approximately 50 acres of mixed-use properties. The property contained an apartment within a multi-tenant building also consisting of a gas station and convenience store. The site contained a number of undocumented vehicular repair sites with several observed leaks and stains associated with 500-1,000 gallon ASTs for used oil, diesel, and other unidentified petroleum products. The site also contained a single-family house and was transected by a stream and wetland system. Nine RECs were identified and recommended for additional assessments and remediation.

❖ **Irving Properties, Arlington County, VA**

Conducted a Phase I Environmental Site Assessment on a block of property in Arlington, which consisted of multiple tenants within a medium density mixed-use zone. Numerous automotive service tenants

utilized service bays within the buildings onsite. The property was part of a closed PC case associated with leaking underground storage tanks. Based on interviews, records reviews and a site reconnaissance, best management practices were not utilized by all tenants and additional contamination was observed.

❖ **Macomb Properties, Washington, D.C.**

Conducted a Phase I Environmental Site Assessment on a block of commercial and residential properties in northwest D.C. The square consisted of multiple tenants and had historically included several onsite dry cleaners that used tetrachloroethene since the 1950's. A portion of the site also endured significant fire damage in recent years and had antiquated public sanitary sewers that were maintained through the City to prevent continuous plumping backups. The site was also adjacent to a property in the VCP program.

❖ **Master Print Property, Fairfax County, VA**

Conducted a Phase I Environmental Site Assessment on a heavy industrial-zoned parcel in Fairfax County. The site was utilized as a commercial print shop that also stored and packed print materials. At the time of the assessment, the site used soybean-based ink and no chemicals in their production. Historical and controlled recognized environmental conditions were identified in association with past uses of the site and print production.

❖ **Pulaski Highway Site, City of Baltimore, MD**

Conducted a Phase I Environmental Site Assessment on a tract of land formerly used as a maintenance facility for large trucks. Site contained an undocumented 1,000 UST for fuel. Additionally, several odors from within the service bays were observed and cut fill and vent pipes were found. The project site underwent remediation for both soil and groundwater contamination.