AECOM **Transit**

Submitted to
Virginia Department of Rail and
Public Transportation (DRPT)
600 East Main Street, Suite 2102
Richmond, VA 23219

Submitted by
AECOM
2101 Wilson Boulevard,
Arlington, VA 22201
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Pulaski Area Transit Facility Feasibility Study

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List of Acronyms

NRVAoA	New River Valley Agency on Aging
NRVSS	New River Valley Senior Services
PAT	Pulaski Area Transit
TDP	Transit Development Plan 2012-2017

List of References

2012-2017 Transit Development Plan – Connetics Transportation Group
Pulaski Area Transit Long Range Strategic Plan 2006 & 2007
New River Valley Senior Services information pamphlet
Pulaski County Zoning Ordinance (http://www.pulaskicounty.org/Zoning/zoning_ordinance.pdf)

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1 Summary of Pulaski Area Transit Activities

The Pulaski county area has experienced steady transit growth from the inception of transit service in 2004. The need for vehicle storage, on-site maintenance, washing, secure revenue counting, and a base where employees are to report combined with the needs of two senior citizen agencies are applying pressure to secure a dedicated facility for these transit needs. Finding a site that is suitable requires the consideration of many highly diverse factors and is a high priority at this time. The site size, suitability for development, zoning, environmental sensitivities, adjacent properties, and access to roads are just some of the more important features that are to be carefully evaluated before making the investment in a site to be developed for transit.

This report uses and summarizes information presented in the Pulaski Area Transit Transit Development Plan, Fiscal Year 2012-2017, the Pulaski Area Transit Long Range Strategic Plan 2006 & 2007, New River Valley Senior Services information pamphlet, and other data provided by the involved agencies.

1.1 Vision and Mission

The vision of Pulaski Area Transit (PAT) is to be a regional public transportation system throughout the New River Valley, including four counties and two towns. PAT's mission is to provide safe, reliable, and efficient transportation service to all the residents of the Town of Pulaski and Pulaski County.

1.2 Organization

New River Valley Agency on Aging (NRVAoA) exists to support and enhance the lives of older adults, their families, and caregivers through advocacy, information, and services. Examples of services provided by NRVAoA include homemaker services, elder abuse prevention, legal services, and insurance counseling. Programs such as meal delivery that require vehicles are provided by New River Valley Senior Services.

The purpose of New River Valley Senior Services (NRVSS) is to provide safe and reliable transportation to the elderly, those with disabilities, and others with no means of transportation to meet basic human needs such as medical, social, nutrition, shopping, or business. Transportation services provided include rides to specialized shopping and to Friendship cafes, which provide social opportunity, and transportation to medical appointments. NRVSS also delivers meals provided by the NRVAoA to home-bound residents. NRVSS transportation services are not considered transit, in that all services are point-to-point, on-demand services.

Transit services are provided by Pulaski Area Transit as a division of NRVAoA/NRVSS, which provides the funding, staff support, and guidance. As outlined below, PAT provides both demand-response and deviated fixed-route services to all residents of Pulaski Town and serves destinations in Pulaski County.

1.3 Operating Budget and Sources of Funding

The operating budget for FY 2012 is $390,183 and for FY 2013 is $425,774. NRVAoA/NRVSS administers the funding for Pulaski Area Transit and receives these funds through the following sources:

1. Federal Transit Administration Section 5311 grants;
2. Federal Transit Administration Section 5317 New Freedom Funds;

3. Virginia State funding through Department of Rail and Public Transportation;
4. Town of Pulaski;
5. Passenger fares;
6. Other contributions, including fundraisers.

1.4 Services Provided

PAT's service area includes the Town of Pulaski and Pulaski County. PAT started with one fixed route with 24 stops and a demand response service. As stated in the TDP, the success of the demand response service encouraged PAT to meet riders as close to the riders' locations as possible, rather than to expect riders to come to the bus stops at roughly scheduled times. PAT would like to build on this successful model for provision of service as they expand the service areas and grow ridership.

Demand Response Service: Currently, PAT provides demand response service in all areas within the Town of Pulaski and one mile outside the city limits. Riders call PAT when they are ready to be picked up. Response times average 7.5 minutes, except in inclement weather.

Deviated Fixed Route Service: PAT also runs a deviated fixed route between the Town of Pulaski and Fairlawn in Pulaski County. Service in the Town of Dublin is limited to either drop-off or pick-up, connecting Dublin to other areas. Trips within Dublin are not permitted since the City of Dublin does not contribute to PAT's budget. A limited number of on-demand riders are accommodated on this service.

PAT's services provided within the Town of Pulaski are shown in Figure 1-1, and those services provided to the county are shown in Figure 1-2.

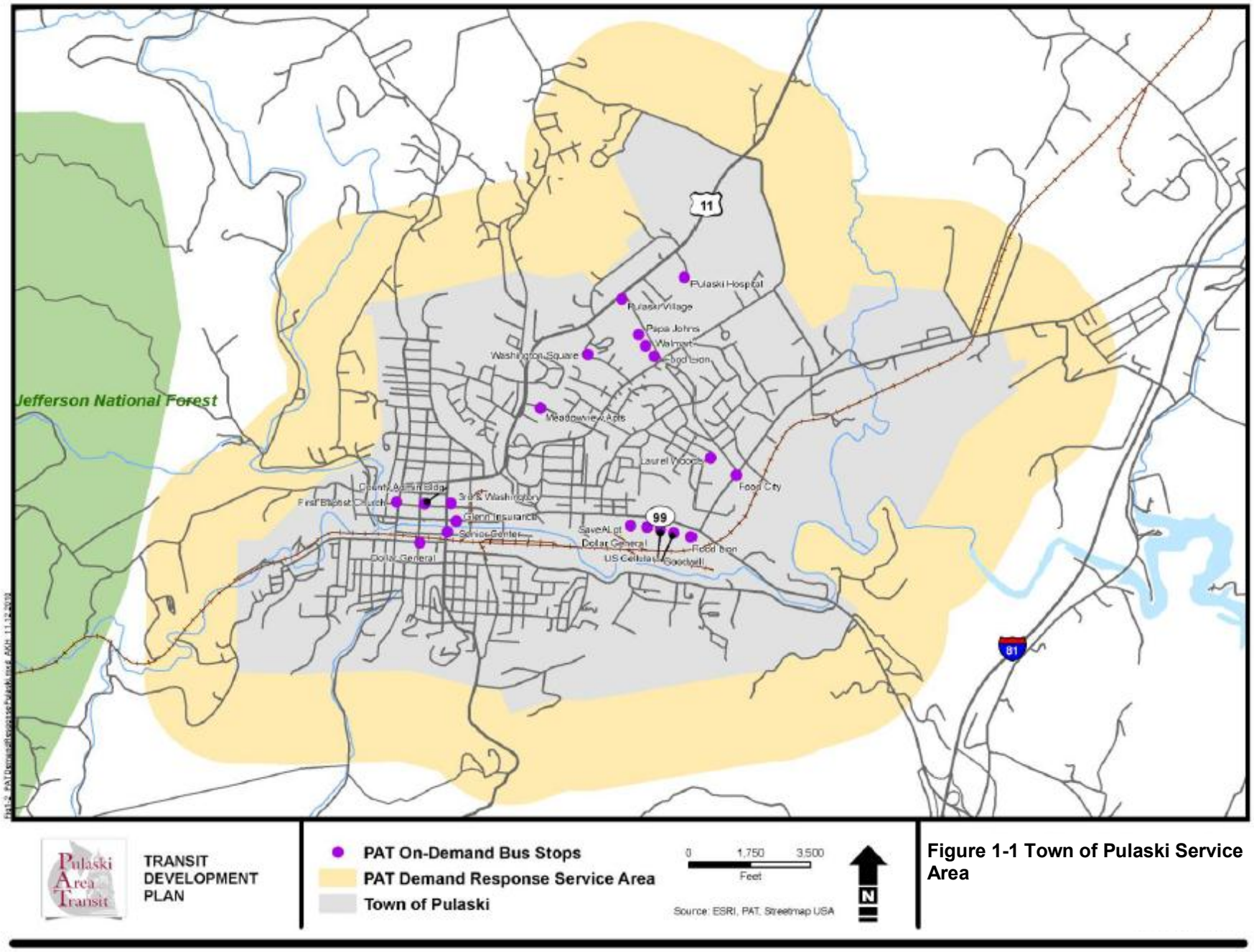

Figure 1-1 Town of Pulaski Service Area

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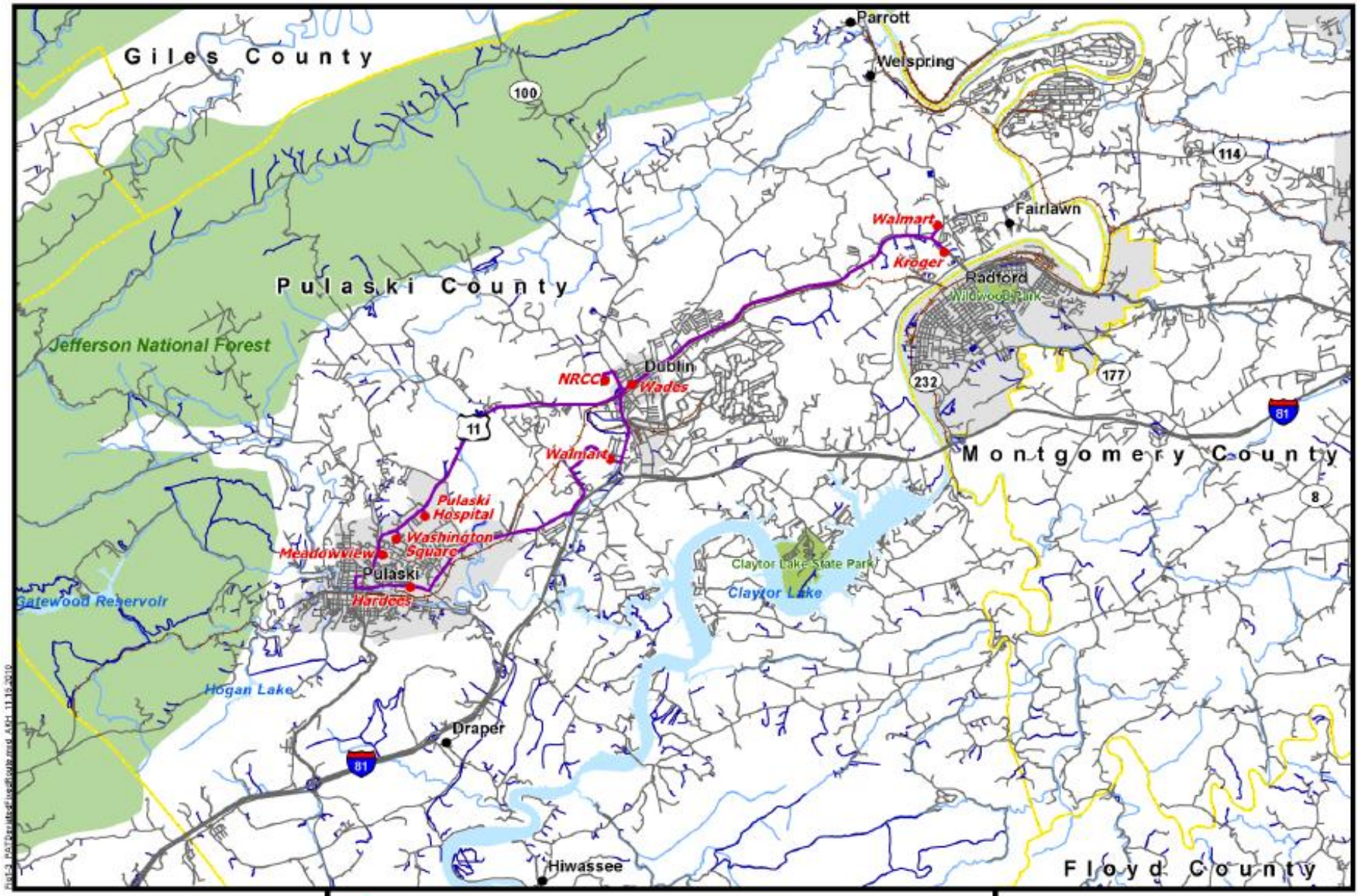

Figure 1-2 Pulaski County Service Area

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1.5 Existing Fleet

As of September 2012, the existing fleet size is 10 cutaway-type buses, to be increased to 12 during FY-13 and to 13 by FY-14. Two (2) units are non-revenue supervisory vehicles. The remaining ten vehicles are Ford Supreme 12-passenger buses equipped with wheelchair lifts. The fleet has expanded at a regular pace of about two buses per year. All vehicles have two-way radios but are not equipped with GPS or other tracking technology. Currently, all vehicles run on gasoline, as opposed to diesel or natural gas. In the future, PAT would like to increase the diversity of its fleet to be able to dispatch the appropriate vehicle(s) for different types of trips. In 2008, the Town of Pulaski acquired a trolley that is used for special events. PAT may acquire a larger 25-seater bus to serve trips for special events or groups.

Figure 1-3 Pulaski Area Transit Bus

1.6 Present Facility

PAT's administrative offices are co-located with NRVSS and its partner agency, New River Valley Agency on Aging, at 141 East Main Street, Suite 500, Pulaski, VA 24301. The 5,600 sq. ft. office is located in a shopping center in the historic district of the Town of Pulaski. Two offices and a break room are dedicated to PAT staff, while other office personnel cover PAT and other activities. Of the 2700 sq. ft. of office space, 648 sq. ft. is for dedicated transportation personnel, comprising five (5) offices (two for PAT and three for NRVSS/Med-Ride); 112 sq. ft. is for the PAT break room and 280 sq. ft. is for the NRVAoA/NRVSS Executive Director office. A large conference room is used regularly for training. The facility contains a small storage area for minor vehicle parts and supplies. Revenue counting is performed in the unsecured dispatcher room. In detached buildings on the site, three additional spaces are used for storage of bulky items, totaling approximately 300 square feet.

Buses are washed with a garden hose in an open area behind the building. Since this area is open to the elements, the winter temperatures and snow make it difficult to keep vehicles clean. There is no maintenance facility on the premises.

Four PAT vehicles park at the office and six vehicles park in the lot adjacent to the Senior Center at 102 North Washington Avenue, Pulaski, VA 24301. Both parking locations are outdoors and neither one is protected with a fence.

Figure 1-4 Town of Pulaski Vehicle Maintenance Facility

1.7 Present Staffing

Pulaski Area Transit is led by a Transit Manager/Director of Programs, an 95% full-time position. Administrative employees of New River Valley Senior Services contribute a percentage of their workweek to the operation of PAT; these hours are specifically separated for accounting purposes. Aside from administrative functions, PAT employs 10 full-time drivers and two full-time dispatchers.

1.8 Maintenance Program

Maintenance on PAT buses is currently performed by the Town of Pulaski mechanic staff at the Town's equipment garage. The garage is staffed by three technicians, who work on PAT buses in addition to Town vehicles. This is not done by formal agreement and results in significant cost savings. The Town maintains approximately 100 vehicles of its own and is operating at maximum capacity, so it would not be able to provide maintenance services on a growing PAT vehicle fleet.

1.9 DRPT Comparable Projects

The following two facilities are similar in function to the facility planned for Pulaski Area Transit:

- Virginia Regional Transit (VRT), Fishersville Garage: $4 million capital cost, opened September 2011.
- Bay Transit, Gloucester Facility: $4.3 million capital cost, design complete, scheduled for construction completion in FY14.

2 Projected Fleet Size

The 2012-2017 Transit Development Plan (TDP) provides projections for fleet size growth. As detailed on pages 61 and 62 of the TDP and summarized in Table 2-1, over the next five (5) years, PAT fleet needs are projected to grow to 23 buses. This number comprises unconstrained service needs of 19.5 total daily buses, plus four (4) spares using a vehicle spare ratio of 18%. The TDP assumes that vehicle requirements are exclusive by route, and do not consider interlining or sharing vehicles across several routes. It therefore may be appropriate to use one vehicle to cover multiple once-a-week routes with these routes scheduled on different days of the week, which would reduce the number of required vehicles. While developing the forecast of the PAT fleet, it was assumed that existing buses will be replaced at the end of their useful lives.

Year	2012	2013	2014	2015	2016	2017
Existing Vehicles	10	12	14	17	19	21
Replacement Vehicles	2	1	1	3	1	0
Expansion Vehicles	2	2	3	2	2	2
Total Vehicles (Existing + Expansion)	12	14	17	19	21	23

Table 2-1 - Vehicle Fleet Size Projection

Fleet size is the dominant factor in projecting the future facility needs. The space program to be developed will identify functions and physical objects that require space in the maintenance and operations facility, even if not directly associated with providing PAT transit services.

3 Projected Bus Service Expansion

The 2012-2017 Transit Development Plan identified the following potential service improvements for consideration over its six-year time period:

1. Existing Service
    a. Longer Service Hours
    b. Deviated Fixed Route on Saturday
    c. Expanded Demand Response Service Area
2. Commuter/Regional Service between Fairlawn/Christiansburg/Radford
    a. Dublin-Fairlawn-Christiansburg (New River Community College Connector)
    b. Radford Connector
    c. Connection to Smartway Commuter Bus to Roanoke
    d. Draper to Fairlawn Commuter Route
3. New Deviated Fixed Route Service
    a. Downtown Trolley
    b. Alum Springs Road (once a week)
    c. Belspring/Parrott (once a week)
    d. Hiwassee/Snowvillle (once a week)
4. Outside Service Area
    a. Floyd County
    b. Giles County

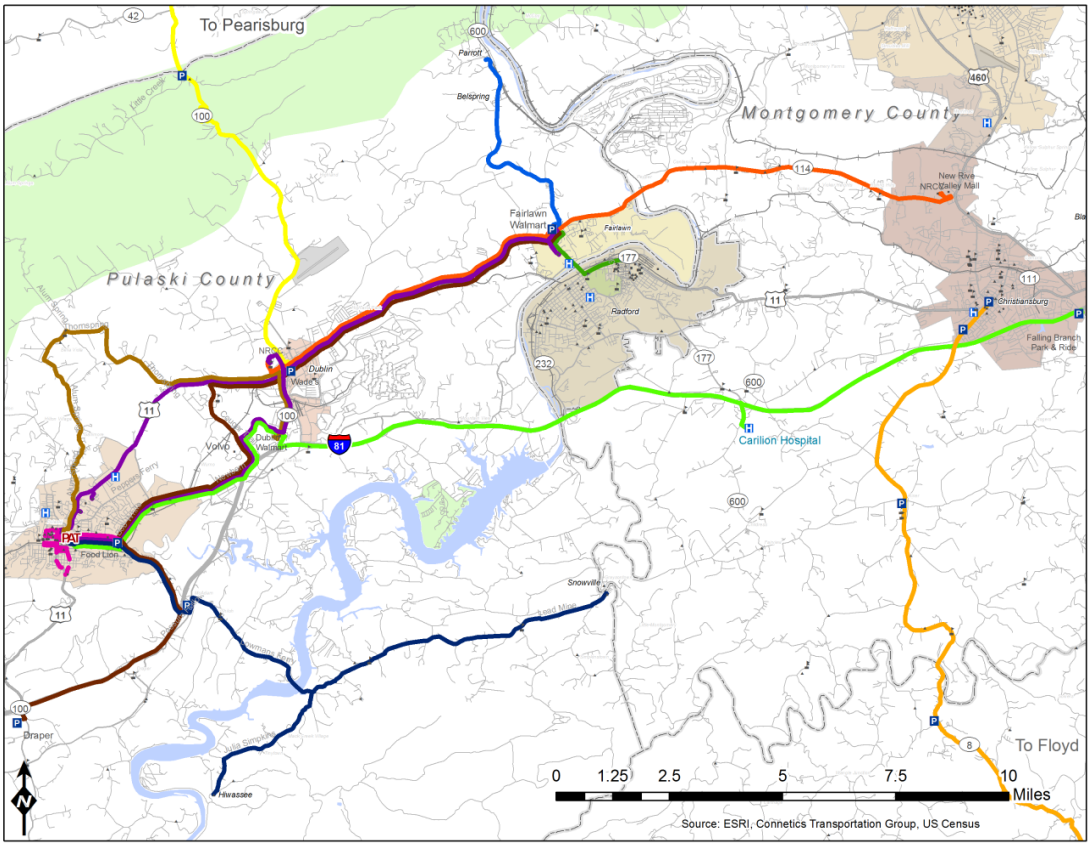

Figure 3-1 System-Wide Unconstrained Needs Plan

4 Sample Agreement for PAT and its Partner Agencies

Appendix A provides a sample agreement to be considered by New River Valley Senior Services and Agency on Aging for the provision of bus services provided by Pulaski Area Transit. Such an agreement would serve to document arrangements in a formal manner. AECOM anticipates New River Valley Senior Services and Agency on Aging would seek legal assistance to assure that agreements used are appropriate and address all necessary issues.

5 Space Program

5.1 Introduction

This section presents the Space Program Needs developed for the Pulaski Area Transit (PAT) Maintenance and Operations Facility. The work documented in this section was previously described in the AECOM proposal as Task B. The space needs are based on interviews with staff, future fleet size projections, and planning level calculations which account for all potential spaces that may be needed at the future PAT facility. This data was analyzed and benchmarked against industry standards. The detailed program presents the functional requirements of a facility sized to support a transit fleet of approximately 23 PAT vehicles and 41 Senior Services transportation vans. The program quantities presented in this section are summarized totals.

5.2 Purpose and Use

The purpose of this report is to document the results of the programming effort for the future PAT Maintenance and Operations Facility. The data and information in this document will serve as a basis for the continuing facility feasibility study and for refinement of the Site Plan concepts for the proposed site. The document is generally intended to become a “roadmap” for future funding and planning/development efforts.

5.3 Processes and Data Sources

Successful facility designs are based on a thorough understanding of the functions and operations to be performed within the facility. To accomplish this objective, the study team collected data through project meetings, a site visit, background data collection, and observations. This approach provided insight and direction that may not have been realized utilizing more traditional and less interactive programming and design methods.

This section summarizes data gathered in the kickoff session and in subsequent communications with PAT. Staffing summaries, vehicle counts, and key planning issues have been identified and are included in a short narrative describing each of the groups that will reside at the new Maintenance and Operations Facility. Staffing and vehicle calculations are provided in tables throughout this section. The existing conditions and expected future needs are presented throughout to enable computation of a required facility size that will accommodate the support requirements for a transit fleet of approximately 60 to 70 vehicles.

5.4 Transit Fleet Projections

The first estimate required to build the facility size plan is the size of the vehicle fleet the facility will serve. Section 2 presents the transit fleet projection of 23 vehicles to be in service for PAT at the end of 2017. For the purposes of space planning, the size of the NRVSS Van Fleet is projected to grow to one and a half (1.5) times the current fleet size over a twenty (20) year period. The fleet size projections are summarized in Table 5-1.

Table 5-1 - Transit Fleet Size Projection

Vehicles	Current	Future
PAT	13	23
NRVSS	27	41
Total	40	64

The types of vehicles in use are not expected to change in the planning horizon for the potential new operations and maintenance facility. The pictures above show the styles of vehicles used by PAT and NRVSS. PAT is also planning to acquire two new 45' buses for the fixed route service to Dublin and Fairlawn. These buses will add significant passenger capacity for those routes. The larger vehicle size will also need to be addressed in the space plan for the proposed maintenance building.

5.5 Employee Groups

The second set of estimates required to build the expected facility size is an overview of the internal office, operational, and maintenance spaces that are required for such a facility. The office needs are already known in part because PAT, NRVAoA, and NRVSS have been using a dedicated office space, whereas the needs for the operations and maintenance groups are drawn from typical facility information for transit agencies of similar size. This section presents the staffing and space requirements for each of the three groups.

5.5.1 Administration Group

5.5.1.1 Function

The Administration group provides oversight management, human resources, and customer service for PAT, NRVAoA, and NRVSS.

5.5.1.2 Staffing

It is necessary to identify all current and future administrative staff that will be located at the Maintenance and Operations Facility. The names of the staff member positions are known from existing staffing rosters and are reflected in the space program. PAT indicated that the organization's administrative support needs may grow in the future. NRVAoA also provided their current staffing and space use, and indicated that growth is likely to occur over the planning horizon. The space program accommodates this growth with spaces labeled, "Unassigned Growth Space."

5.5.1.3 Personal Vehicle Parking

Employee parking accounts for a significant portion of most site plans. Undersized parking can quickly cause site congestion and possibly even dangerous conditions as personal vehicle parking spills over

to operational areas. An accurate count of vehicle quantities is important in determining the size of the parking lot.

A new transit facility should provide one parking space for each employee, adjusting for work shifts, shift overlaps, training, visitors, and other meetings.

Table 5-2 includes the projected employee vehicles that will be parked securely onsite at the Maintenance and Operations Facility. Employee parking is the sum of:

- 1.5 times the number of PAT buses that will be kept onsite, to provide one parking spot for each PAT driver and to accommodate shift overlaps;
- Ten percent (10%) of the number of NRVSS vans, whose drivers will drive to the site in their personal vehicle to go to their vans. The bulk of NRVSS drivers will likely drive to and from the facility in their transportation vans, for which parking is separately allocated;
- The number of office staff (administration, operations, and maintenance).

Visitors should be directed by signage to park in the lot. Parking for handicapped employees or visitors will be provided at a ratio defined by local codes.

Table 5-2 - Personal Vehicle Parking

Vehicle Category	Current	Future
Employees	49	70
Visitors	5	7
ADA Accessible	3	4
Total	57	81

The overall size of the parking lot will be a component of the Space Needs Program. The parking lot size calculation uses the following standards:

- 9’ x 18’ standard sized parking space;
- 13’ x 18’ handicapped parking space;
- 100% circulation factor, that calculates to 324 additional square feet per parking space.

5.5.2 Operations Group

5.5.2.1 Function

The Operations group is responsible for the normal day-to-day operations of all PAT bus routes and NRVSS van routes based at the Maintenance and Operations Facility. They also manage all associated personnel, including bus operators.

The following functional relationships should be provided in the layout concepts:

- Dispatch areas should have a view into the drivers’ areas and must have direct access to bus storage areas;
- Road Supervisor should be located as close to the administrative support staff as possible, since they work closely together;
- All staff members should be located within close proximity to one another to facilitate communications;

- Dispatchers should be able to observe the drivers' room;
- Mail distribution area should be located adjacent to both the drivers' and dispatch areas.

5.5.2.2 Staffing

For planning purposes, it is necessary to identify all current and future operations staff to be located at the Maintenance and Operations Facility. PAT provided existing staffing levels; two (2) additional growth spaces are provided for PAT in the space program for future needs.

5.5.2.3 Fleet Parking

The types of vehicles in Table 5-3 will be operated by PAT and NRVSS staff at the Maintenance and Operations Facility site. PAT vehicles will be parked securely onsite, and there must also be enough parking for all NRVSS vans to allow all drivers to park at the facility for meetings, though the NRVSS drivers often park their vehicles at their own homes.

Table 5-3 - Operations Vehicle Parking

Vehicle Type	Parking Space Dimensions	Current	Future
PAT Transit Bus or Trolley	12' x 35'	13	21
PAT 45' Fixed Route Bus	12' x 50'	0	2
NRVSS Van	10' x 20'	27	41
Operational Support Vehicles	9' x 18'	2	2
Total		42	66

5.5.2.4 Key Planning Issues

The following planning issues regarding the operations group impact the space program:

- The dispatch area should be elevated if possible;
- Provide a fare counting room with a secured vault;
- Provide an exterior employee area or patio area for use by operators;
- Provide a conference room for use by Operations Manager and staff for meetings, training, and similar events;
- Provide bus parking at 90 degrees to the aisle as this provides the most efficient use of land of the various configurations for parking.
- The size of the training/meeting/conference room is based on housing office staff, maintenance and operations staff, and PAT drivers. This exceeds the number of planned NRVSS drivers, so any training done for all NRVSS drivers could also fit in this space.

5.5.3 **Maintenance Group**

5.5.3.1 Function

The maintenance group's mission is to provide a clean, safe, and reliable fleet of transit vehicles through regular service and maintenance activities. Bus Maintenance is currently performed by Town of Pulaski mechanics. The following functional relationships and areas should be provided in the site design:

- All storage functions (storeroom, bulk storage, tool crib, related offices) should be centralized for greater operational/ spatial efficiencies;
- The parts storage room needs to be sufficiently sized to serve the fleet;
- The bus repair bays should be adjacent to the parts storage and other shop areas;

- Maintenance bays should be adjacent to the parts storage and other shop areas. All bays will serve multiple functions.
- The chassis wash should be an integral part of the bus wash area to eliminate the need for a separate wash bay large enough for any vehicle in the fleet.
- No fueling facility is planned at the current time to hold construction costs down. The vehicles can continue to be fueled at the Town's facility or at commercial locations.

5.5.3.2 Staffing

For planning purposes it is necessary to identify all current and future maintenance staff to be located at the facility. One maintenance supervisor is adequate now and in the future, while additional mechanics will be needed in proportion to the fleet size growth. Ratios of one (1) maintenance technician per six (6) buses and one (1) maintenance technician for the NRVSS vans have been used in this calculation. Table 5-4 shows total projected numbers of maintenance employees required currently and in the future to maintain the PAT and NRVSS fleets.

Table 5-4 - Projected Maintenance Employees

Maintenance Position	Current	Future
Maintenance Supervisor	1	1
Maintenance Technicians	2	4
Total	3	5

5.5.3.3 Maintenance Bays

Table 5-5 shows that the number of maintenance bays required increases from two (2) currently to three (3) in the future for the combined fleets. Planning the number of maintenance bays needed to maintain a fleet depends on the size of the fleet, and the types of vehicles in the fleet. The analysis is based on a Vehicle Equivalent (VE) technique. A textbook definition of a VE would be that amount of maintenance effort that is required to keep the average administrative fleet sedan in satisfactory repair over the course of a year. All other classes of vehicles in a fleet can then be related based on the maintenance intensity of each of the classes. Industry standards usually require one maintenance bay per 60 VE. For the PAT and NRVSS vans, the calculation below uses the following VE assumptions:

- A ratio of one bay per 20 cutaway buses; (3 VE; this ratio is applicable for facilities without heavy overhaul programs.)
- A ratio of one bay per 40 vans; (1.5 VE)
- One long-length (60') bay is provided for use with vehicles up to 45' long. (4 VE)

Table 5-5 - Required Maintenance Bays

Maintenance Bays Required	Current	Future
Maintenance Bay (60')	1	1
Maintenance Bay (45')	1	2
Total	2	3

The three maintenance bays that are projected to be needed for the future fleet have sufficient capacity in them to allow the PAT fleet to grow to 40 buses while the NRVSS could also grow up to 50 vans. To keep initial construction costs down, the estimate presented with this report includes the cost of the 60' maintenance bay and one 45' maintenance bay; a second 45' maintenance bay would enhance the capacity and flexibility of the facility.

5.5.3.4 Key Planning Issues

To support the work performed in the maintenance bays other areas will be needed such as component work areas, space for equipment, and parts storage. These areas are detailed under the Space Standards Summary.

5.6 Space Standards Summary

5.6.1 Summary

Summary space standards were applied to the space program needs. Area requirements for office, administrative, shops, and storage areas were derived from functional requirements and were based on industry standards and best practices. The space standards listed below are those utilized to develop the facility program.

Exterior parking areas and the various service buildings are included in the space program. Site circulation, setbacks, and landscaping requirements are also calculated. Those elements not listed here have their calculation assumptions listed in the Remarks section of the space program.

Table 5-6 - Space Standards Summary

Functional Areas	Space Standards
Office Areas	
Senior Directors	10’ x 15’
Staff Cubicles	8’ x 8’
Operations Areas	
Road Supervisor	8’ x 8’
Computer Training	6’ x 6’
Dispatch/Radio Control	10’x15’
Drivers’ Rooms	13.5 sq. ft per driver, 1 driver per bus in service
Maintenance Areas	
Maintenance Supervisor	12’ x 12’
Maintenance Bay	20’ x 60’ (long bus), 20’ x 45’ (cutaway bus or van)
Parts/Stock Room	25 sq. ft per bus
Bus Wash Lanes	1 Lane for every 150 buses

5.6.2 Space Program Needs Detail

The Detailed Space Program Needs, located in Appendix B, was created by matching the space standards with the projections of future functional needs. The program groupings represent spaces required to build a facility that accommodates the planned growth.

The program contains dimension columns (length and width), quantity columns (# current staff, e.g.), and the resulting area need (length*width*quantity) for both current and future periods. The program provides whether the unit is defined by number of people, number of spaces, or number of buses. This allows, for example, for the one conference room to be easily scaled by the number of expected people using it. Finally, a remarks column on the far right side lists relevant notes about each space.

The space requirements shown for each function are net usable areas. A Circulation/ Mechanical/ Electrical/ Structural (CMES) factor has been applied to the total net usable area to arrive at gross square footage requirements. This factor accounts for support space and systems (e.g., building walls, vertical circulation, structural columns, etc.). The factor also provides for spaces such as mechanical/electrical rooms, and custodial closets. CMES figures are specifically chosen for the type of building and are calculated on sub-totals in the program. Please refer to the detailed space program provided in Appendix B.

5.6.3 Program Summary

A program summary for each major site element is provided in Table 5-7. The program reflects the projected space needs for the new facility. These summaries are for all areas including office and crew areas, maintenance building, maintenance bays, wash, employee parking, bus parking, and other exterior areas. Site circulation, setbacks, landscaping requirements, and total acres required are also shown.

Table 5-7 - Space Program Summary

Space Program Summary		
DEPARTMENT AND AREA DESCRIPTIONS	**Current Needs**	**Future Needs**
Office and Crew Areas	5,415	6,471
Maintenance Building	6,179	7,616
Wash	2,368	2,368
Parking	39,454 (0.9 acres)	61,213 (1.4 acres)
Exterior Areas	1,000	1,000
TOTAL	**54,636**	**78,889**
Site circulation, buffers, storm water management	54,636	78,889
Site requirements in S.F.	109,272	157,777
Site size in acres	**2.5**	**3.6**
STAFFING ESTIMATE	**Current**	**Future**
Combined Staff (NRVAoA, NRVSS, PAT)	21	29

5.7 Shared Facility

One aspect of determining the feasibility of a new facility for PAT, NRVAoA and NRVSS to share is the determination of how costs will be shared. The space program allows each space to be allocated to one of the partner entities or to be shared. This helps to show divisions if needed for accounting purposes. Appendix C shows the space program allocated by PAT/Shared, NRVAoA, and NRVSS.

5.8 Operations Center Location

The proposed operations and maintenance facility will be located on one site. Since the service area is spread all over the Town and County, the location of a single facility is of less importance. With many of the transit services being provided being on-demand, the optimal location would be near the densest population areas. The sites investigated for the proposed facility will be described in section 6.

6 Evaluation and Screening Methodology

6.1 Evaluation Criteria

This section describes the evaluation criteria used for selecting potential bus maintenance facility sites for analysis as part of the Pulaski Area Transit study. The first set of criteria is intended to contain minimum criteria, or "yes/no" qualifiers, to be used to select candidate sites for further evaluation and comparison. The minimum criteria used for screening potential facility locations are:

- Potential sites should be 3.5 to 6 acres in size. This site requirement is supported by the Functional Space Program presented in Section 5.
- Potential sites should have compatible zoning (Industrial/Light Industrial). Vacant industrial and government properties are considered, as well as multiple vacant parcels under common ownership that could add up to a 3.5 to 6 acre site.
- Minimize exposure to residential properties; properties should only abut residential areas on one side.
- In addition, properties larger than the 6 acre upper limit are considered. If a property larger than 6 acres meets the other criteria above, a portion of it could be used.
- Any additional available properties known by the project team but not registering in the current GIS land use database have been included.

6.2 Decision Matrix

After applying the "yes/no" qualifiers, a decision matrix has been used to prioritize site evaluation factors to enable the recommendation of the best site; it is shown in Appendix D and the specific site evaluation factors for the project are described in Section 7. Site evaluation factors have been assigned weights based on an understanding of PAT's needs, and then each site has been evaluated against those factors. After multiplying the weights by the scores, the highest scoring sites were then considered in more detail.

Sample Decision Matrix (This is not a real evaluation below, but is strictly shown to demonstrate possible analysis):

		Site Score					Weighted Score = (Weight) x (Site Score)				
Site Evaluation Factors	**Weight**	**A**	**B**	**C**	**D**	**E**	**A**	**B**	**C**	**D**	**E**
Public Ownership	3	2	3	1	2	1	6	9	3	6	3
Site Preparation Required	2	3	2	2	1	2	6	4	4	2	4
						Totals:	**12**	**13**	**7**	**8**	**7**

The scoring key is on the next page. In this case, sites A and B would warrant further consideration.

Scoring Scale:

1 = “satisfies criteria poorly” OR “high cost”

2 = “satisfies criteria OK” OR “medium cost”

3 = “satisfies criteria well” OR “low cost”

Weight Scale:

1 = low importance

2 = medium importance

3 = high importance

For this project, a red to green color scheme was also applied to provide a visual description of the more favorable scores, with red circles on the lower end and green circles on the upper end. Red blocks also indicate those sites with irreconcilable reasons why they cannot be developed.

The results of the analysis are presented in the following section.

7 Screening Results, Site Data, and Site Sensitivities

7.1 Initial Screen

During the visit to the Town of Pulaski by the project team in August 2012, representatives of PAT, Town of Pulaski, NRVSS, NRVAoA, and Pulaski County toured several potential candidate sites; these sites are shown on a map in Appendix E. The Lynwood Tennis Court site, Town of Pulaski N+W RR 19 Acre Industrial site ("Rail Road Property"), and the VIC and CO Land each cleared the GIS Database screen described below and are labeled sites 3, 5, and 7, respectively. The remaining sites from the site visit tour were dismissed from consideration for the following reasons:

- The John and Jeff Schwartz LLC Industrial site was dismissed because it is not publicly owned. Its current value is $159,100;
- The Car Wash Industrial site was dismissed because the site size is not adequate and it is not publicly owned. The current value is $5000;
- The Pulaski Ventures LLC automobile dealership location was ruled out because the ceiling height of the existing building is not adequate to house appropriate maintenance bays and the property is not publicly owned. Its current value is $589,700;
- The Samuel Gregory Lot 6 Industrial Park site was ruled out because the site size is slightly below the goal of 3.5 minimum acres and it is not publicly owned. Its current value is $60,000;
- The VA Highway Dept. Parking site was dismissed because of its small size. Its current value is $30,000;
- The N&W RR 5 Acre Industrial Site was dismissed because it is not publicly owned. Current value information is not available.

7.2 GIS Database Screen

A GIS (Geographic Information System) software application was used to assist in the property screening. The screening yielded seven (7) properties which meet the minimum criteria presented in Section 6. A property screening map titled "Potential Candidates", which shows the candidate sites, is in Appendix F; sites are numbered 1 through 7 on the map. Each map has a location key in the lower left hand corner showing the location of the property in the local area. Properties 1, 3, 5, and 7 were shown on the August 2012 site visit tour, though candidate 1 was not under consideration as one of the potential sites during the tour.

7.3 Decision Matrix Evaluation

The project team evaluated and compared the seven selected sites using the following criteria and the decision matrix method described in Section 6.2. These are collected from the project scope statement and other recommended factors.

- *Vacant/Adaptive Reuse/Ready for Development.* This criteria provides for less expensive and more rapid construction of the facility.
- *Public Ownership.* Vacant government properties or other publicly available land is preferred, due to ease of acquisition.

- *Proximity to Town Center and Existing Development.* A site located close to town center will contribute to a revitalization of downtown Pulaski, will require less dead-heading to route origin/termination points, and provide more convenient access for transit riders.
- *Major Road Access.* Proximity of the site to arterial roads. Good roadway access is important for efficient operations, little disruption to neighbors, material deliveries, and easy access for operations crew and personnel.
- *Site Preparation Required.* Less site preparation contributes to a lower cost for constructing the facility. This criteria includes a cursory evaluation of major grading requirements, need for building access roads or drives, and the need to bring utilities to the site.
- *Not in Flood Plain.* A property within a flood plain would risk damage to the facility or would require significant engineering and construction costs to mitigate the risks of a flood.
- *Available Space/Size.* Potential sites should have a size and shape that is conducive to meeting operational requirements. Irregular site shapes may limit the possibilities for developing an efficient site plan.
- *Environmental Impacts.* This includes identifying potential red flags when looking at available wetland and floodplain data.
- *Property Acquisition Costs.* Lower acquisition costs contribute to a lower cost for constructing the facility. Available property appraisal information is used to determine the potential land acquisition costs. For properties owned by the Town of Pulaski, no acquisition cost was assumed.
- *Community Impacts.* Environmental Justice (EJ) principles are considered when evaluating potential sites. As used by the FTA, EJ avoids, minimizes, or mitigates disproportionately high and adverse human health and environmental effects, including social and economic effects, on minority populations and low-income populations. Noise and vibration impacts can also be considered using screening distances of 1000 feet for unobstructed buildings and 650 feet for intervening buildings. Buildings and especially residences falling within these distances can be identified.
- *Land Use Compatibility.* Light industrial zoning or land use is appropriate; government and commercial properties are also considered. Re-zoning might be required based on each property's current land use designation.
- *Site Topography.* The flatter and more level the ground is, the less earthwork that will be required to develop the property.

The importance of acquisition time to the overall process is an important factor in locating a new maintenance facility. Because private property takes much longer and is more expensive to acquire, publicly-owned property would be ideal. Secondly, a location with lower travel times and less deadheading is optimal.

Appendix D shows the decision matrix and evaluation of each of the seven selected sites. Upon review of the decision matrix, two sites were immediately eliminated from consideration because they were not ready for development, and development would cause significant disruption. These are the Town vehicle maintenance facility at Commerce and Pine (Site 1) and the Northwood School (Site 2). The town would lose the ability to maintain its own vehicles if the existing facility was to be demolished, and it is clearly not feasible to demolish an operating school for the purpose of a maintenance facility.

Of the five properties remaining, the analysis and the design charrette results favored sites 3, 5, and 8 as the top three sites, with Site 5 being highest ranked. The rankings of these sites are shown in Appendix D, and are also discussed in more detail in the tables on the following pages.

7.4 Site 3: Tennis Court Lynwood St

Site Evaluation Factor	Scores	Pro	Con
Vacant/Adaptive Reuse/Ready for Development	3		
Public Ownership	3		
Proximity to Town Center and Existing Development	3		
Major Road Access	2	The site is in the center of Main St., Bob White Blvd, and Lee Highway/Route 11.	All vehicle trips would go through the surrounding neighborhood.
Site Preparation Required	3	The site is mostly empty space at this time.	
Not in Flood Plain	3		
Available Space/Size	3		
Environmental Impacts	1		The site would cause noise and reduce green space in a residential neighborhood. To build on the East end would require removing some trees.
Property Acquisition Costs	3		
Community Impacts	1		The site is surrounded by residences.
Land Use Compatibility	1		The site is zoned for residential use.
Site Topography	3	The East end of the site is flat.	

Table 7-1 - Evaluation of Site 3: Tennis Court Lynwood St

7.5 Site 4: Critzer Elementary School

Site Evaluation Factor	Scores	Pro	Con
Vacant/Adaptive Reuse/Ready for Development	3	The site is an empty field.	
Public Ownership	3	Public	
Proximity to Town Center and Existing Development	2		It is a long walk to town from the site. This misses the opportunity for frequent interaction between the office staff and customers.
Major Road Access	3	The site is on Bob White Blvd/ State Route 611	
Site Preparation Required	3	The empty field would be efficient to prepare.	
Not in Flood Plain	2		
Available Space/Size	2		
Environmental Impacts	2		The site is next to an elementary school.
Property Acquisition Costs	1		$7 Million
Community Impacts	1	The end of the site close to residences would be used for parking, not for the noisy work.	The site is next to an elementary school. It would eliminate the attractive landscaping out front.
Land Use Compatibility	1		
Site Topography	2		The long skinny east end with significant slopes would limit site planning options.

Table 7-2 - Evaluation of Site 4: Critzer Elementary School

7.6 Site 5: Railroad Property

Site Evaluation Factor	Scores	Pro	Con
Vacant/Adaptive Reuse/Ready for Development	3	The site is an empty field.	
Public Ownership	3		
Proximity to Town Center and Existing Development	1		The site is farthest from the town center. It would not provide revitalization to the town or easy access to help develop relationships.
Major Road Access	3	The site is easily accessible from State Route 611	
Site Preparation Required	3	The site is an empty field.	
Not in Flood Plain	3		
Available Space/Size	3	There is plenty of space. It could be divided as needed.	
Environmental Impacts	3	The site is surrounded by other industrial facilities, so noise and traffic would not be a problem to the public.	
Property Acquisition Costs	3		
Community Impacts	3		
Land Use Compatibility	3	The site is zoned for light industry and is not yet in use.	
Site Topography	2		Some earthwork may be required.

Table 7-3 – Evaluation of Site 5: Railroad Property

7.7 Sites 6 and 7: "Billboard – East End" and "VIC and Co. Land"

Sites 6 and 7 are shown in one section because the site characteristics are similar and the description of floodplain issues is relevant to both of these properties.

Site Evaluation Factor	Scores	Pro	Con
Vacant/Adaptive Reuse/Ready for Development	3		
Public Ownership	3		
Proximity to Town Center and Existing Development	1		There is little other development on this strip. Long walk to town. This misses the opportunity for frequent interaction between the office staff and customers.
Major Road Access	3		
Site Preparation Required	2		
Not in Flood Plain	1		Located in a flood zone, see comment under Site Topography
Available Space/Size	3		
Environmental Impacts	1		Would need to mitigate risk of letting pollutants into waterway.
Property Acquisition Costs	3		
Community Impacts	3		
Land Use Compatibility	3		
Site Topography	1		The sites are in a FEMA Flood Zone. This would result in higher construction costs and/or higher insurance costs.

Table 7-4 – Evaluation of Site 6: Billboard - East End

Site Evaluation Factor	Scores	Pro	Con
Vacant/Adaptive Reuse/Ready for Development	3		
Public Ownership	3		
Proximity to Town Center and Existing Development	1		There is little other development on this strip. Long walk to town. This misses the opportunity for frequent interaction between the office staff and customers.
Major Road Access	3		
Site Preparation Required	2		
Not in Flood Plain	1		Located in a flood zone, see comment under Site Topography
Available Space/Size	3		
Environmental Impacts	1		Would need to mitigate risk of letting pollutants into waterway.
Property Acquisition Costs	3		
Community Impacts	2		
Land Use Compatibility	3		
Site Topography	1		The sites are in a FEMA Flood Zone. This would result in higher construction costs and/or higher insurance costs.

Table 7-5 – Evaluation of Site 7: VIC and Co. Land

According to Pulaski County Zoning Ordinance Section 11, for development within the delineated 100-yr floodplain, the owner and/or engineer would have to prove that the capacity and characteristics of the floodplain are maintained and there is not an increase to the one hundred (100)-yr water surface elevation by more than one (1) foot (Section 11-2.1.A.). The one hundred (100)-yr floodplain was established by a Flood Insurance Study by the Federal Emergency Management Insurance Agency (FEMA) in September of 2008. Sites 6 and 7 would require special permits to be obtained from the US Corps of Engineers, the Virginia Department of Environmental Quality and the Virginia Marine Resources Commission in addition to notification to affected adjacent jurisdictions, the Division of Soil and Water Conversation, and the Federal Insurance Administration (Section 11-3.1). Among other information as described in Section 11-3.1.D, the permits will require a detailed hydrologic and hydraulic analysis be performed on the affected waterway in accordance with standard engineering practice that prove there is under one (1) foot increase of the 100-yr water surface elevation. This would require acquiring the previous study from FEMA and modifying it according to the proposed development. This special permit would be in addition to other jurisdictional environmental and water permits that are required for new development.

7.8 Site 8: County Corporate Center

Site Evaluation Factor	Scores	Pro	Con
Vacant/Adaptive Reuse/Ready for Development	3	The site is an empty field.	
Public Ownership	3	Owned by Pulaski County	
Proximity to Town Center and Existing Development	1		The site is 5 miles from Pulaski town center. This may result in increased mileage on vehicles and reduced positive impact to the town.
Major Road Access	2		
Site Preparation Required	3	The site is an empty field.	
Not in Flood Plain	3		
Available Space/Size	3		
Environmental Impacts	2		
Property Acquisition Costs	3		
Community Impacts	2		
Land Use Compatibility	3	Other light industrial sites are located nearby.	
Site Topography	3	The sites are relatively flat.	

Table 7-6 - Evaluation of Site 8: County Corporate Center

7.9 Discussion of Evaluation of Sites

An inventory of potential sites for the maintenance facilities and a GIS (Geographic Information System) software screening application were previously conducted to assist in property screening (Task C Memo, October 2012). The results of the inventory and GIS screening, and further site evaluation, favored three potential sites identified as: Site 3 - Lynwood Street Tennis Courts, Site 5 – Former Railroad Property, and Site 6 – Billboard East End Property. The properties are owned by the Town of Pulaski, Virginia. Site 8 County Corporate Center was added during the design charrette, so the full evaluation of the site similar to those conducted for the other top three sites was not conducted.

7.9.1 Hazardous Materials

An investigative review of the possible existence of hazardous materials on these three potential candidate sites was conducted as part of a "fatal flaw analysis". The investigation was limited to a surface inspection and a review of available public documents for each site. No analytical testing was conducted as part of this survey. Consequently, no statement of certainty can be made regarding the surface and subsurface conditions without additional investigation and chemical analysis of material from the site. The conclusions reached in this report are based on the information obtained from the background information review, site reconnaissance, and professional judgment. AECOM believes that the information presented in this report is sufficient to provide a reasonable assessment of the environmental conditions of the property, and that the preliminary identification of potential environmental concerns can be based upon the information provided.

AECOM performed a review of available information provided by the Town of Pulaski, the Virginia Department of Environmental Quality (VADEQ), soil mapping, zoning maps, cultural resource information, and land property records. In addition, AECOM obtained an Environmental Data Resources Report (EDR) for each site; the full report for each site can be viewed in Appendix H. The EDR report consists of a compilation of environmental data from regulatory and other relevant databases that identify conditions that could possibly impact the property.

The hazardous waste portion of the "fatal flaw analysis" did not identify hazardous materials or hazardous waste on any of the three potential site properties. The results of site reconnaissance, environmental review, and EDR reports for each site are discussed below.

7.9.2 Site 3 – Lynwood Street Tennis Courts

A surface inspection of the property was performed by AECOM on November 27, 2012. Pictures taken during the surface inspection are provided in Appendix H-1. EDR reports including topographic maps, aerial photos, and environmental database findings are provided as Appendix H-1. The EDR database findings in Appendix H-1 also include a National Environmental Policy (NEPA) data report. This report provides maps and data on registered natural areas, historic sites, flood-plains, wetlands, and FCC & FAA structures within 1 mile of the Site 3 property.

7.9.2.1 Site 3 Setting

Site location and surrounding land use - The subject property is a 13.29 acre public park, identified as Macgill Park, consisting of multi-use recreational facilities including tennis courts, a skateboard facility, baseball field, basketball court, and a soccer field. A bath house and a caretakers house are located on the north side of the property. Access roads into the park are from Lynwood Street and also from Newbern Road. The property is surrounded by residential development. The current use of the property is for recreational use. The property area is zoned R4, which is designated for residential dwellings, park, and church use. Appendix H depicts the Site 3 location and the surrounding land use.

Storm water –Storm water generally flows from up gradient areas in the west to down gradient areas in the east toward Powers Place road and Lynwood Street. A drainage ditch directs storm water along the northeast portion of the property through vegetated and wooded areas north and east of the Macgill park access road toward Lynwood Street. A storm water inlet and culvert have been installed in fill near the up-gradient tennis court area to direct storm water from the topographically high tennis court area to the topographically low northeast portion of the site near the soccer field (See Appendix A-1, photograph 6). The Federal Emergency Management Agency (FEMA) floodplain information does not show that a flood plain exists on the subject property.

Topography - The topography of the property is at an elevation of approximately 2,004 feet mean sea level (MSL) in the upper flat area of the tennis courts and parking area. A swale and sloped topography runs from the elevated tennis court and parking area in the northwest to the lower and generally flat topographic area to the northeast and lower soccer fields at approximately 1,970 feet MSL. It appears the upper portion of the swale near the tennis courts has been filled in with soil and gravel. Concrete blocks mark the general area of the upper portion of the swale and prevent vehicle access over the fill.

Soils - Soils in the area of the subject site are generally derived from weathering of shale, limestone, and dolomite bedrock and by man-made artificial fill. The USDA NRCS soil survey identifies soils at the subject property as Urban-land and Groseclose-Urban land complex with 7 to 15 percent slopes. A typical profile provided for the Groseclose-Urban land complex consists of Silt loam from 0 to 8 inches: Clay from 8 to 62 inches: and Silty clay loam from 62 to 67 inches. The Frequency of flooding and ponding is characterized as none and is well drained. The soil is not considered to be prime farmland.

Bedrock – The property is located in the Valley and Ridge Physiographic Province which exhibits parallel-running ridges with accompanying valleys. The ridges and mountains are steeply sloped (slopes greater than 20%) and the valleys are generally gently sloping. The Valley and Ridge Physiographic Province is characterized by sedimentary rocks such as limestone, shale, sandstone, and dolomites and the surface topography is typical of a karst terrain. In karst terrain, pinnacle erosion is common. Therefore, excavation costs may vary within a relatively small area. Since this erosion is irregular and unpredictable, professional onsite evaluation of depth to bedrock is encouraged. Small cave-ins are not uncommon and usually develop after heavy rains, when water enters the earth through deep cracks in the dried out soil. These cave-ins may cause the rupture of storm drains, water lines, and occasionally lead to surface cave-ins which may cause road or structure foundation failure.

The bedrock underneath Site 3 consists primarily of dolomitized limestone interbedded with limestone and massive dolomite, limestone and calcareous shale identified as the Elbrook Formation of Cambrian geologic age. The total thickness of the formation is between 1800 and 2000 feet thick (VDMME, 2010).

The carbonate formation of the bedrock provides a vast potential for ground water resources, but these resources are subject to contamination. As is typical of karst terrain, soil cover may be thin and rapid infiltration of surface water may occur through drainage into sinkholes. These characteristics dictate how surface activities can have a severe and widespread potential for adversely affecting groundwater quality. The folded, fractured and solubilized nature of carbonate bedrock can result in rapid and widespread distribution of contaminants once they are introduced into the groundwater.

7.9.2.2 Site 3 EDR Historical Maps, Aerial Photography, and Database Findings

The following paragraphs describe the environmental analysis of Site 3-Lynwood Tennis Court historical topographic maps, historical aerial photographs, and state and federal database findings. The Site 3 maps, aerial photographs, and database search findings are provided in Appendix H-1.

Historical Use Information on the Property and Adjacent Sites - The following site history was prepared based on information provided by EDR including aerial photographs dated 1949, 1960, 1963, 1970, 1972, 1990, 1999, 2000, 2005, and 2008; topographic maps dated 1891, 1940, 1965, 1970, 1977, and 1984. Sanborn Fire Insurance map coverage is not available for the subject property area.

Property History - The subject property area began to be developed as a residential area as early as 1940. By 1949, the properties surrounding the subject property, including Floyd Lane, Newberry Road, and Lynwood Street are developed as residential. Surface grading for the tennis court, soccer fields, and other park areas appears to occur in the aerial photo dated 1972. The tennis courts, soccer fields, and other park areas were likely built shortly thereafter. The next available 1990 aerial photograph shows the park complex completed largely as it appeared at the time of AECOM's site visit. The subject property is not identified on any of the environmental regulatory databases searched by EDR.

The subject property is not identified in the EDR NEPA database as having natural areas, historic sites, flood-plains, wetlands, and FCC & FAA structures on the property. AECOM did not identify historical environmental concerns on the property from the resources reviewed for this assessment.

History of Adjoining Properties – The subject property area began to be developed as a residential area as early as 1940. By 1949, higher density residential properties surround the subject property, including Floyd Lane, Newberry Road, and Lynwood Street.

A review of the EDR regulatory data base report provided in Appendix H-1 shows there was one leaking underground storage tank (LUST) located approximately 0.5 miles from the subject property. This property is identified as the former Shop Rite Market located at 1000 Newbern Road. A leaking 1000 gallon gasoline tank was removed from the ground at this property and the site received regulatory closure from the State of Virginia in 1996. Based on this property location and closure status received in 1996, the Shop Rite Market property does not appear to be a recognized environmental concern to the subject property. No other properties were listed in the EDR database search. AECOM did not identify any historical environmental concerns related to adjoining properties from the resources reviewed.

7.9.2.3 Site 3-Lynwood Tennis Court, Site Reconnaissance

Mr. Brendan McGuinness, AECOM Project Geologist, and Philip Fischer, AECOM Project Engineer, conducted a site reconnaissance of accessible areas on the subject property on November 27, 2012. AECOM's objectives were to visually inspect the area for potential evidence of subject property contamination and the presence of hazardous or regulated substances.

The site reconnaissance did not identify evidence of contamination or the presence of hazardous or regulated substances on the site property. The property appeared well maintained by the Town of Pulaski. Only minor miscellaneous debris consisting of trash materials that were apparently discarded by trespassers (i.e. beer cans, books, bicycle parts) was observed at the site during the site reconnaissance.

7.9.2.4 Site 3-Lynwood Tennis Court, Conclusions and Recommendations

Conclusions - Based upon the environmental assessment activities described above, no recognized environmental conditions (RECs), historic RECs (HRECs) or other (non-ASTM) environmental concerns were identified in connection with the Site 3 subject property.

Recommendations - Should the Site 3-Lynwood Tennis Court property candidate be selected as the PAT facility location, a further evaluation of subsurface soils in areas of imported fill should be conducted in conjunction with geotechnical borings. Because the nature of imported fill to the site is unknown, the subsurface soils should be evaluated for evidence of contamination during the geotechnical assessment.

7.9.3 Site 5 – Rail Road Property

A surface inspection of the property was performed by AECOM on November 27, 2012. Pictures taken during the inspection are provided in Appendix H-2. EDR reports including topographic maps, aerial photos, and EDR environmental database findings are provided as Appendix H-2. The EDR database findings also include a NEPA data report. This report provides maps and data on registered natural areas, historic sites, flood-plain, wetlands, and FCC & FAA structures within 1 mile of Site 5.

7.9.3.1 Site 5 Setting

Site location and surrounding land use - The subject property is a 19.50 acre vacant lot, identified as the Rail Road Property. No current access roads into the property exist. The property is located at the end of James Hardie Way and south of the large James Hardie Industrial Plant located on Bob White Boulevard. The property is bordered by the James Hardie Industrial Plant to the north, commercial and industrial business property to the east, and vacant rural property to the west and south of the property. A high powered electrical transmission line and structures run along the northern property boundary.

The current use of the property is vacant. The property has most recently been used for storage of fill material from the construction of James Hardie Way. The property area is zoned 12, which is designated for dwellings, schools, parks, church, and light industry. Appendix H depicts the Site 5 Rail Road Property site location and the surrounding land use.

Storm water –The property is located on a local topographic high with elevations ranging from 2,000 feet MSL to a high of 2059 feet MSL. Mounded fill placed over the majority of the 19.5 acre site has further raised the topographic elevation and resulted in an irregular overland surface water flow and some local erosion. In general, storm water runs downhill in a radial fashion from the elevated site location. Storm water from the western half of the site flows toward low areas and eventually reaches Thome Spring Creek drainage areas located to the south west of the site. Storm water flow from the eastern portion of the property flows to the east and south. The FEMA floodplain information does not show that a flood plain exists on the subject property. According to FEMA data, the nearest flood plain is located to the west and is adjacent to the Thome Spring Creek.

Topography - The property is located on a local topographic high with elevations ranging from 2,000 feet MSL to a high of 2059 feet MSL. Mounded fill placed over the majority of the 19.5 acre site has further raised the topographic elevation and resulted in an irregular ground surface.

Soils - Soils in the area of the subject site are generally consisting of residuum derived from weathering of shale, limestone, and dolomite bedrock. The USDA NRCS soil survey identifies soils at the subject property as Lowell silt loam, 2 to 7 percent slopes, 40 to 80 inches to lithic bedrock, well drained, with no frequency of flooding or ponding. A typical profile consists of Silt Loam 0 to 11 inches: Clay 11 to 38 inches: and Silty clay loam 38 to 60 inches. The soil is not considered to be prime farmland. Much of the original soil surface at the site has been covered by recent fill.

Bedrock – The property is located in the Valley and Ridge Physiographic Province which exhibits parallel-running ridges with accompanying valleys. The ridges and mountains are steeply sloped (slopes greater than 20%) and the valleys are generally gently sloping. The Valley and Ridge Physiographic Province is characterized by sedimentary rocks such as limestone, shale, sandstone, and dolomites and the surface topography is typical of a karst terrain. In karst terrain, pinnacle erosion is common. Therefore, excavation costs may vary within a relatively small area. Since this erosion is irregular and unpredictable, professional onsite evaluation of depth to bedrock is encouraged. Small cave-ins are not uncommon and usually develop after heavy rains, when water enters the earth through deep cracks in the dried out soil. These cave-ins may cause the rupture of storm drains, water lines, and occasionally lead to surface cave-ins which may cause road or structure foundation failure.

The bedrock underneath Site 5 consists primarily of dolomitized limestone interbedded with limestone and massive dolomite, limestone and calcareous shale identified as the Conococheague Formation of Cambrian geologic age. The bedrock appears to strike at ground surface in linear running ridges. The total thickness of the formation is between 1800 and 2000 feet thick (VDMME, 2010).

The carbonate formation of the bedrock provides a vast potential for ground water resources, but these resources are subject to contamination. As is typical of karst terrain, soil cover may be thin and rapid infiltration of surface water may occur through drainage into sinkholes. These characteristics dictate how surface activities can have a severe and widespread potential for adversely affecting groundwater quality. The folded, fractured and solubilized nature of carbonate bedrock can result in rapid and widespread distribution of contaminants once they are introduced into the groundwater.

7.9.3.2 Site 5-Rail Road Property EDR Historical Maps, Aerial Photography, and Database Findings

The following paragraphs describe the environmental analysis of Site 5-Rail Road Property historical topographic maps, historical aerial photographs, and state and federal database findings. The Site 5 maps, aerial photographs, and database search findings are provided in Appendix H-2.

Historical Use Information on the Property and Adjacent Sites - The following site history was prepared based on information provided by EDR including aerial photographs dated 1949, 1960, 1963, 1972, 1976, 1991, 1996, 1999, 2000, 2005, and 2008; topographic maps dated 1891, 1950, 1965, 1972, 1976, and 1984. Sanborn Fire Insurance map coverage is not available for the subject property area.

Property History – The aerial photographs from 1949 to 1976 indicate the subject property consisted of a rural area used for farming or pasture. A 1991 aerial photograph indicates similar land use with the exception of an appearance of a square land scar in the south west corner of the property along a property fence line. The 1996 aerial photograph indicates similar rural property use with a land scar appearing in the south west corner of the property. A slight drainage feature appears to meander south from the scared area toward an unnamed tributary to the south, suggesting the scared feature may have been utilized for drainage. Many vehicle or equipment land scars appear in and around the subject site in the 1996 photo. The 1999 and 2000 aerial photographs appear similar with little or no land use change appearing on the photographs. The 2005 aerial photograph shows the land development of the James Hardie Plant and James Hardie Way north of the site. Approximately 70 percent of the subject property appears to be covered by fill material most likely from the surrounding construction activities. The 2008 aerial photograph shows the site is re-vegetated and land use appears largely as it appeared during AECOM's site visit in November 2012.

The subject property is not identified on any of the environmental regulatory databases searched by EDR. The subject property is also not identified in the EDR NEPA database as having natural areas, historic sites, flood-plains, wetlands, and FCC & FAA structures on the property. AECOM did not identify historical environmental concerns on the property from the resources reviewed for this assessment. However, the nature of the land scar shown on the south west corner of the property is unknown, and the nature of the imported fill material to site is not known.

History of Adjoining Properties – The aerial photographs indicate that adjoining properties were utilized historically as rural land. The 2005 aerial photograph shows the development of the adjacent James Hardie Plant and James Hardie Way. Land development also appears on the adjacent property to the east of the site. At this time, approximately 70 percent of the subject property appears to be covered by fill material most likely derived from the surrounding construction. The 2008 aerial photograph shows the James Hardie Plant and road completed to the north and north east, as well as commercial buildings located on the adjacent property to the east.

No adjoining properties are identified on any of the environmental regulatory databases searched by EDR. The subject property is also not identified in the EDR NEPA database as having natural areas, historic sites, flood-plains, and FCC & FAA structures on the property. Two small wet land areas in the area of former ponds are identified northwest and southeast of the subject property. AECOM did not identify historical environmental concerns on the adjacent property from the data resources.

1.2.3 Site 5-Rail Road Property, Site Reconnaissance

Mr. Brendan McGuinness, AECOM Project Geologist, and Philip Fischer, AECOM Project Engineer, conducted a site reconnaissance of accessible areas on the subject property on November 27, 2012.

AECOM's objectives were to visually inspect the area for potential evidence of subject property contamination and the presence of hazardous or regulated substances.

The site reconnaissance did not identify evidence of contamination or the presence of hazardous or regulated substances on the site property. However, significant miscellaneous debris consisting of trash materials that were apparently discarded by trespassers (i.e. anti-freeze container, plastic piping, gravel and fill) was observed at the site during the site reconnaissance. A large storage container, abandoned vehicle, discarded 55-gallon drum, wood, small fill soil piles were observed along the eastern property boundary beyond an old fence line (See pictures in Appendix A-2). An area devoid of vegetation was noted in the southwest portion of the property (Picture 7, Appendix A-2). The subject property is not secured and it is possible that trespassers could dump miscellaneous materials at the site.

7.9.3.3 Site 5-Rail Road Property, Conclusions and Recommendations

Conclusions - Based upon the environmental assessment activities described above, no recognized environmental conditions (RECs), historic RECs (HRECs) or other (non-ASTM) environmental concerns were identified in connection with the Site 3 subject property.

Recommendations - Should the Site 5 property candidate be selected as the PAT facility location, a further evaluation of subsurface soils in areas of imported fill for evidence of contamination should be conducted in conjunction with geotechnical borings. It is recommended that one boring be located in the area of stressed vegetation noted during the site inspection located along the southwest portion of the property. This area is also in proximity to a land scar noted on the historical aerial photography.

7.9.4 Sites 6 - Billboard East End

A surface inspection of the property was performed by AECOM on November 27, 2012. Pictures taken during the inspection are provided in Appendix A-3. EDR reports including topographic maps, aerial photos, and EDR environmental database findings are provided as Appendix H-3. The EDR database findings also include a NEPA data report. This report provides maps and data on registered natural areas, historic sites, flood-plain, wetlands, and FCC & FAA structures within 1 mile of Site 6.

7.9.4.1 Sites 6 Setting

Site location and surrounding land use - The subject property is a 5 acre vacant lot, identified as the Billboard East End property. The property is located adjacent to East Main Street which forms the southern border of the property. Spring Creek runs along the northern and eastern portion of the property. The top of a steep 100 foot cliff, north of Spring Creek, forms the northern boundary line of the property. The New River Trail State Park (former railroad line) runs along the top of the cliff, north of the property line. Xaloy Way road and a self-storage facility are located to the east. The current use of the property is for Billboard advertising. The property area is zoned I1, which is designated for industry and commercial use. Appendix H depicts the Site 6 location and the surrounding land use.

Storm water –The property is located on a river terrace at approximately 1,900 feet MSL and climbs steeply to approximately 2,000 feet MSL at the northern property boundary. Storm water runs downhill and overland to Spring Creek. The FEMA floodplain information shows that the majority of the property is within a 100 year flood plain.

Topography - The property is located on a flat river terrace at approximately 1,900 feet MSL and climbs steeply to approximately 2,000 feet MSL at the northern property boundary.

Soils – Soils in the area of the site are generally consisting of Cotaco loam and Wheeling sandy loam which forms stream terraces. The soil is alluvium derived from limestone, sandstone, and shale and/or igneous and metamorphic rock. The soil slope is approximately 2 to 7 percent and moderately well drained.

Bedrock – The site is located in Quaternary age terrace deposits. The terrace deposits consist of unconsolidated, poorly stratified deposits of pebbles, sand, silt, and clay. The surface deposits are often modified by sink holes and stream incision (VDMME, 2010).

7.9.4.2 Site 6 EDR Historical Maps, Aerial Photography, and Database Findings

The following paragraphs describe the environmental analysis of Site 6 historical topographic maps, historical aerial photographs, and state and federal database findings. The Site 6 maps, aerial photographs, and database search findings are provided in Appendix H-3.

Historical Use Information on the Property and Adjacent Sites - The following site history was prepared based on information provided by EDR including aerial photographs dated 1949, 1960, 1963, 1970, 1972, 1990, 1999, 2000, 2001, 2005, and 2008; topographic maps dated 1891, 1940, 1950, 1965, 1970, 1972, 1976, and 1977. Sanborn Fire Insurance map coverage is not available for the property.

Property History – The aerial photographs from 1949 to 2008 indicate the subject property consisted of a rural area adjacent to the roadway which is now East Main Street. In 1960, the subject property appears to be first cleared, perhaps for billboard advertising at that time.

The subject property is not identified on any of the environmental regulatory databases searched by EDR. The subject property is identified in the EDR NEPA database as having 100 and 500 year flood plains over a majority of the property. No other registered natural areas, historic sites, wetlands, and FCC & FAA structures were identified on the property. AECOM did not identify historical environmental concerns on the property from the resources reviewed for this assessment.

History of Adjoining Properties – The aerial photographs indicate that adjoining properties were utilized historically as rural and commercial land. A 1960 aerial photograph indicated that current sewage treatment plant south of the subject property was built. In 1963, land clearing for commercial buildings located north of the property at the current Xanox Industry location first appeared. The 1990 aerial photograph indicates that the self-storage units were first built northwest of the property. The railway appears on the northern border of the property as early as 1949. The rail way was later removed and replaced with the New River Trail state Park.

Two properties within one-half mile of the subject property are identified on environmental regulatory databases searched by EDR. Xaloy Industries, adjacent and up-gradient of the subject property was reported to have a leaking underground storage tank (UST) and was entered into the Virginia Voluntary Clean-Up Program (VCP) for remediation. Xaloy Industries completed UST and VCP remediation to the satisfaction of the state by 2006. McCready Lumber Company, located at 1250 East Main Street, also completed VCP remediation in 2006. It does not appear that the adjacent sites represent an environmental concern to the subject property based on; the historic nature of these sites, regulatory closure status of the sites, and the hydro-geologic location of the sites in relation to subject site.

7.9.4.3 Site 6 Site Reconnaissance

Mr. Brendan McGuinness, AECOM Project Geologist, and Philip Fischer, AECOM Project Engineer, conducted a site reconnaissance of accessible areas on the subject property on November 27, 2012. AECOM's objectives were to visually inspect the area for potential evidence of subject property contamination and the presence of hazardous or regulated substances. The site reconnaissance did not identify evidence of contamination or the presence of hazardous or regulated substances on the site property. Pictures of the site reconnaissance are presented in Appendix A-3

7.9.4.4 Site 6 Conclusions and Recommendations

Conclusions - Based upon the environmental assessment activities described above, no recognized environmental conditions (RECs), historic RECs (HRECs) or other (non-ASTM) environmental concerns were identified in connection with the Site 6 subject property. No recommendations are provided.

7.9.4.5 Sites 7 and 8 Environmental and Reconnaissance

Sites 7 and 8 did not receive environmental analyses and Site 8 did not receive a site visit as the study only contracted for three sites to receive this level of effort.

8 Documentation of meetings and test-fit site plans

8.1 Design Charrette

The project team conducted a site planning charrette in coordination with representatives from PAT, NRVAoA, and the Town of Pulaski on November 28th and 29th, 2012.

The team described the Site Selection Process in a slideshow presentation, beginning with the site selection criteria as shown in section 6.1. Overhead views of each candidate site were presented. The team then described the decision matrix method used to highlight the best candidate sites.

The team presented photographs of each of candidate sites 3, 4, 5, 6, and 7 to open conversation and provide understanding of site sensitivities. During the discussion, it became clear that a county site was desired and an eighth site, County Corporate Center, was added. The presentation slides are shown in Appendix I. Upon completing the initial review of each site, the decision matrix scores were adjusted to reflect the understanding provided by the participants; this resulted in a change in the preference order for the sites. The final matrix is shown in Appendix D, and the site rankings are presented here.

a. Site 5, Railroad Property

b. Site 8, County Corporate Center

c. Site 3, Tennis Court Lynwood St

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d. Site 6, Billboard – East End

e. Site 7, VIC and Co. Land

f. Site 4, Critzer Elementary School

The horizontal line indicates a soft cut-off, where those sites above it garnered the most consideration from the participants. The Railroad Property (Site 5) and the County Corporate Center (Site 8) were at the top of the list because they are both currently un-developed sites, where the construction of a facility would cause few negative environmental or community impacts. The Tennis Court Lynwood St. site (Site 3) was given strong consideration because of its close proximity to central Pulaski and its access via several main roads.

Billboard – East End (Site 6) and VIC and CO. Land (Site 7) were not seriously considered by the charrette participants because their location within the 100-year FEMA flood plain would require significant work to mitigate the risk of flood damage. Critzer Elementary School (Site 4) was reduced to the bottom of the list because the topography would require significant alteration to provide an operable facility and the attractive visibility of the school is important to home buyers. A more complete evaluation of the site is presented in section 7 and documented with the decision matrix.

The following are key points stressed by the charrette participants:

- Public ownership is a major factor, as the value of the property helps to reduce the match requirement for federal funds, and acquisition time can be saved because lengthy negotiations with private land owners would not be needed.

- Properties in 100-year flood plain are not desirable.

8.2 Test-Fit Site Plans

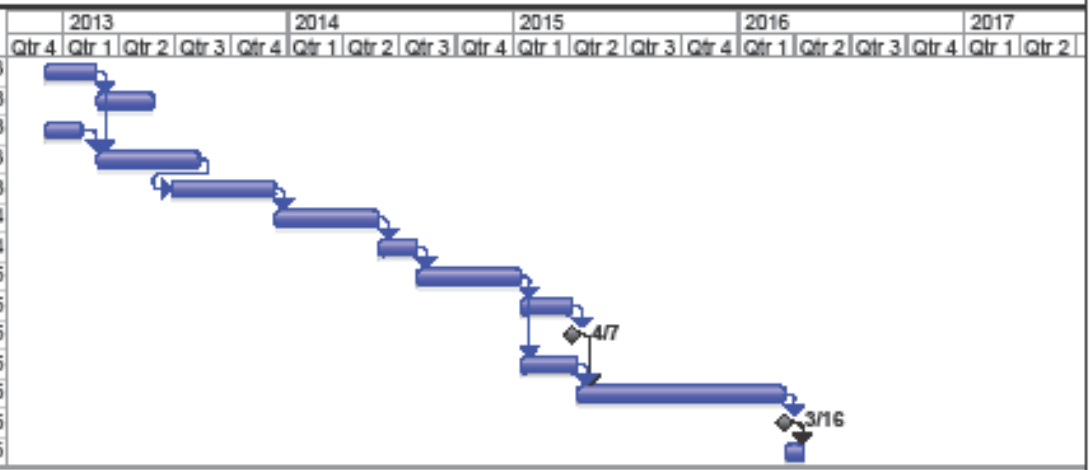
AECOM showed test-fit site plans for sites 3, 4, 5, and 8. The purpose of the test-fit plans is to verify that an operable maintenance facility can be successfully placed on the site. The participants highlighted that two separate entrances are desired, one for employees and one for transit vehicles. The project team also showed desirable site features, such as the ability to circulate buses efficiently and to allow buses to enter the maintenance bays in one direction and leave through the other side of the building. Each of the test-fit site plans developed are presented in Appendix G. All of the plans allow for the use of two vehicle entrances and adequate room for vehicle circulation.

9 Draft Schedule

A preliminary schedule has been prepared for the project, starting from the current time. Applications to the FTA and DRPT and the timing of their subsequent approval play a large role in the overall time required to implement a project such as this one. Please see the following page for the preliminary schedule.

PULASKI AREA TRANSIT STUDY
PRELIMINARY PROJECT SCHEDULE

Task Name	Duration	Start	Finish
Bid for Consultant Selection	3 mons	Mon 12/3/12	Fri 2/22/13
Begin Funding Request Procedure	66 days	Mon 2/25/13	Mon 5/27/13
Request Preliminary Engineering	44 days	Mon 12/3/12	Thu 1/31/13
Preliminary Engineering	6 mons	Mon 2/25/13	Fri 8/9/13
Environmental Clearance	6 mons	Wed 6/26/13	Tue 12/10/13
Review of EC	6 mons	Wed 12/11/13	Tue 5/27/14
Request Final Design	44 days	Wed 5/28/14	Mon 7/28/14
Final Design	6 mons	Tue 7/29/14	Mon 1/12/15
Request Final Funding	3 mons	Tue 1/13/15	Mon 4/6/15
Receive Final Funding	1 day	Tue 4/7/15	Tue 4/7/15
Construction Bidding	66 days	Tue 1/13/15	Tue 4/14/15
Construction	12 mons	Wed 4/15/15	Tue 3/15/16
Final Inspection	1 day	Wed 3/16/16	Wed 3/16/16
Punch List	22 days	Thu 3/17/16	Fri 4/15/16



Project: Pulaski Area Transit Feasibility
Date: Mon 12/10/12

Task
Split
Progress
Milestone
Summary
Project Summary
External Tasks
External Milestone
Deadline

Page 1

Figure 9-1 Preliminary Project Schedule

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10 Financial Plan Analysis

10.1 Capital Costs

10.1.1 Introduction

One of the most important aspects of this study will be budgetary costs that are developed that are needed to progress the project into the next phase of implementation.

10.1.2 Construction Costs

As a leader in the transit planning and design field, AECOM has skilled and experienced personnel who specialize in preparing cost estimates for planning studies and final designs. The cost estimators use a combination of source data to develop costs for specialized facilities such as a transit operations and maintenance facility. Highly detailed data from recent bids for similar type of construction make up a major part of the data source. A widely used source of construction cost data is R.S. Means Reed Construction Cost Data. Means has highly detailed data on nearly every conceivable type of construction. Costs from the Means data base can be adjusted according to the local labor such as contractors having union or non-union workforce. They also have detailed data on the variance of costs by geographic location. Hundreds of different locations have a unique cost multiplier that is used to adjust the basic data base of prices.

For this project, the estimator developed costs from the “bottom up” using his database of costs. Over 300 different line items were used, with each entry having a quantity estimated based on the conceptual drawings and space program that was developed by the study team. In the preparation of cost estimates, assumptions need to be made about the quality of the building in general and construction materials specifically. As a major asset of a public entity, the building should have a long life, be durable, and be eligible to receive a LEED certification for the “green” elements of the building. For the PAT cost estimates, we have assumed a Butler-type building, ample windows, and a long life roof system. Minimal shop equipment and furnishings are included in the estimate.

The inflation of costs that is expected to occur from now until the end of construction have also been taken into account. The amount of escalation for five years is estimated to be 11.6% and account for $795,000 of the total costs. The hard construction costs for the highest rated site in Section 7 are estimated to be $6,843,000 in 2012 dollars for construction on a new site. Please refer to Appendix J for construction cost summary and details.

10.1.3 Soft Costs

Besides the due diligence, property purchase and construction, there are other costs that are commonly referred to as Soft Costs. These costs are fairly predictable when expressed as a percentage of construction costs.

Table 10-1 Soft Cost Calculations

Cost Item	% of Construction	Base Year Dollars w/o Contingency ($000)
Preliminary Engineering *Final Design*	*5.0%* *10.0%*	*$342* *$684*
Project Management for Design & Construction	*3.0%*	*$205*
Construction Admin. & Management	*9.0%*	*$616*
Project Insurance	*3.5%*	*$239*
Legal, Permits, Review Fees by Others	*2.5%*	*$171*
Surveys, Testing, Investigation, Inspection	*1.2%*	*$82*
Start Up	*0.8%*	*$55*
Total	**35.00%**	**$9,237**

The cost tabulations in Appendix J include the project soft costs calculated using the percentages in the table above. Some contingency allowances are also included in the estimate. However at this very early stage of a project, an additional 5% contingency is recommended. The estimate project cost including hard and soft costs and a contingency is $13,045,000.

10.2 Operating Costs

Appendix K contains the operating cost estimate and a manual for its use. The assumptions are listed here and in the appendix.

10.2.1 Assumptions

Maintenance supplies costs and motor fuel costs are assumed to depend on both service hours and service miles. Projection of service hours through 2019 is available in the latest Transit Development Plan of PAT drafted in 2013. An annual growth rate of 6% is assumed for service hours beyond 2019. The current numbers of service miles from 2011 to 2017 are based on the 2011 Transit Development Plan of PAT. Updated projection of service miles is needed to match the latest service hours' projection.

Training and education, drug testing and uniform costs are assumed to depend on service hours. These costs vary with the number of drivers employed, which is most closely related to service hours.

Administrative costs are assumed to be a fixed percentage of service operation costs. The percentage is calculated based on the actual costs data of FY 2012.

Drivers' salaries are calculated based on the actual numbers in FY 2012, and it is assumed that drivers' salary per service hour is constant in terms of real money value. Drivers' salary per service hour is then calculated for FY 2012, and is adjusted for inflation for the following years.

A mechanic's salary is assumed to be 125% of a driver's salary, which is an estimate developed in a similar costs allocation project for the Williamsburg Area Transit Authority (WATA).

Fringe benefits for drivers and mechanics are assumed to be a fixed 7.65% of their salaries. The rule is currently used for PAT drivers.

Inflation rate is assumed at 3%.

10.2.2 Calculation

For the costs dependent on service hours and service miles, a two-year average unit cost is calculated. For most costs, the two-year average unit costs are based on the actual numbers of FY 2011 and FY 2012. For maintenance costs, however, a two-year average of FY 2012 actual costs and FY 2013 budgeted costs is used, because starting from FY 2012, the Town of Pulaski withdrew its subsidies for PAT's maintenance labor costs.

10.3 Allocation of project capital and operating costs

Appendix L contains the cost allocation plan for dividing capital costs and operating costs among PAT and the partner agencies. The assumptions and basis for the plans are presented here and in the appendix.

10.3.1 Capital Costs Allocation Model

The capital costs of building the new facility are allocated according to the space used by each of the three agencies. The space dedicated to any one agency is directed counted towards that agency's share of capital costs. The shared space will be allocated according to the intensity of use. For example, the shared vehicle wash space allocation is based on the number of vehicles of PAT and NRVSS that will be washed in that space. Like the operation costs allocation model, the intensity of use is determined by the same list of cost drivers.

10.3.2 Operation Costs Allocation Model

The operation and maintenance costs incurred in the new facility are allocated according to two principles:

- Each agency pays for the costs it incurs to the new facility;
- For costs that are not directly separable, allocation should be based on the intensity of use by each of the three agencies.

The intensity of use is determined by a list of cost drivers. The following table shows the cost drivers and the costs driven by them:

Table 10-2 Cost Drivers

Cost Drivers	Costs Driven
Number of employees and percent work time allocated for each agency	Salaries, fringe benefits, administrative costs
Transit and other vehicle service hours and miles	Maintenance parts, fuel
Number of service vehicles and their relative maintenance intensities	Maintenance parts
New facility space, including office, maintenance, wash, parking, and exterior space	Utilities, building and office O&M costs, administrative costs

10.4 Facility Funding Requirements

The total construction cost of the new facility (land acquisition cost not included), is estimated to be $13,045,000. For funding analysis purpose, land acquisition cost should be incorporated into total construction cost. In Chapter 7, the top candidate sites identified are all publicly owned by the Town of Pulaski or the County of Pulaski. If it is decided that the new facility will be built on one of the top candidate sites, the land value can be counted as part of the local match to Federal funding.

The top three candidate sites and their value estimates are summarized in the following table. The real estate acquisition will be governed by the Uniform Relocation Assistance Act and the Federal regulations issued under the act. The availability and final cost of the real estate cannot be determined at this time and is associated with significant uncertainty. The average of the estimates plus a contingency of 26.03%, i.e. $525,799, will be used for grant budget purposes.

Table 10-3 Value Estimates of Top 3 Sites

	Ownership	Current Value (2012$)	YOE Value (2013$)	YOE Value with Contingency (26.03%)
Site 3	Town of Pulaski	$200,000	$206,000	$259,622
Site 5	Town of Pulaski	$291,300	$300,039	$378,139
Site 8	County of Pulaski	$723,850	$745,566	$939,637
Average		$405,050	$417,202	$525,799

With land value incorporated, the total construction cost in YOE dollar should be $13,570,799.

The following table shows a draft schedule of funding needs:

Table 10-4 Draft Schedule of Funding Needs

YOE $	2013	2014	2015	2016	2017	Total
Preliminary Engineering	$366,000					
Environmental Clearance	$59,000					
Land Acquisition	$525,799					
Final Design		$793,000				
Construction			$7,779,333	$3,889,666		
Final Inspection				$95,000		
Start-up					$63,000	
Funding Needs	$950,799	$793,000	$7,779,333	$3,984,666	$63,000	$13,570,799

The transit portion of the construction costs will be funded by the Federal, State, and local governments at 80%, 10% and 10% respectively. It should be noted that Federal funding will only apply to the transit service related portion of the total construction costs. Therefore FTA funding could cover up to 80% of PAT's and NRVSS's portions of the total construction costs, but it would not cover NRVAoA's portion as NRVAoA does not provide transit service of any kind. Since construction cost will be allocated among PAT, NRVAoA and NRVSS at 61.01%, 9.61%, and 29.38% respectively, the transit portion of construction cost is 61.01% + 29.38% = 90.39%; and the non-transit portion is 9.61%. Thus the Federal transit funding will cover 80% x 90.39% = 72.31% of the total construction cost; the State transit funding will cover 10% x 90.39% = 9.04% of the total construction cost; the local transit funding will cover 9.04% of the total construction cost. The table below summarizes the coverage of total construction cost of each transit funding source.

Table 10-5 Percentage Coverage of Total Construction Cost by Source

YOE$	Federal (80%)	State (10%)	Local (10%)
Transit (89.98%)	72.31%	9.04%	9.04%

The table below shows possible funding amounts and coverage of total cost by funding sources:

Table 10-6 Possible Funding Amounts and Coverage of Total Cost by Funding Source

Funding Sources			Percentage of Total		Funding Amount (YOE$)	
Total			100%		$13,570,799	
Non-Transit			9.61%		$1,304,398	
Transit	**Federal**		90.39%	72.31%	$12,266,401	$9,813,121
	State			9.04%		$1,226,640
	Local	**Real Estate**		3.50%		$475,260
		Other than Real Estate		5.54%		$751,380

The table below shows cash needs by funding sources by year:

Table 10-7 Cash Needs from Funding Source, by Year

YOE $		2013	2014	2015	2016	2017	Total
Funding Needs		$950,799	$793,000	$7,779,333	$3,984,666	$63,000	$13,570,799
Non-Transit		$91,389	$79,222	$747,734	$382,998	$6,055	$1,304,398
Federal		$341,467	$637,136	$5,907,627	$2,881,334	$45,556	$9,813,120
State		$42,683	$79,642	$738,453	$360,167	$5,694	$1,226,640
Local	**Real Estate**	$475,260	$0	$0	$0	$0	$475,260
	Other than Real Estate	$0	$0	$385,519	$360,167	$5,694	$751,380

At the Federal level, possible sources of funding from FTA include the following:

- Program 5311: Formula Grants for Rural Areas.
- Program 5310: Enhanced Mobility of Seniors and Individuals with Disabilities (may be limited to the NRVSS portion of the construction cost)
- Program 5339: Bus and Bus Facilities Formula Grants

Appendix A. Bus Service Agreement Template

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PULASKI AREA TRANSIT
NEW RIVER VALLEY SENIOR SERVICES
BUS SERVICE MEMORANDUM OF UNDERSTANDING

This BUS SERVICE MEMORANDUM OF UNDERSTANDING (MOU) is made this __ day of __, by and between the PULASKI AREA TRANSIT ("PAT"), and NEW RIVER VALLEY SENIOR SERVICES ("NRVSS"), a private, non-profit agency providing public transportation.

RECITALS

WHEREAS, NRVSS provides regional transportation services and public transportation to Pulaski County and the Town of Pulaski; and

WHEREAS, NRVSS applies annually for federal and state grants for reimbursements of transportation costs and services to supplement funding for the operations of its regional transportation system; and

WHEREAS, PAT, as a division of NRVSS operates a a transportation system within the Town of Pulaski and surrounding areas; and

WHEREAS, PAT's transportation system currently provides transportation on defined routes and demand-response routes to, from, and around the Town of Pulaski; and

WHEREAS, NRVSS desires that PAT provide transportation services on defined routes and demand-response routes to, from and around the Town of Pulaski (the "Services"); and

NOW THEREFORE, for and in consideration of the premises and mutual covenants set forth herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree that PAT will provide a public transportation program within NRVSS as follows:

I. Hours of Service. PAT will provide the Services for NRVSS Monday through Saturday on a published schedule twelve (12) months a year on defined routes and demand-response routes to, from, and around the Town of Pulaski.

2. No Discrimination. PAT shall provide the Services to the general public, and shall not discriminate against any person seeking transportation services on the basis of disability, age, religion, color, sex, or national origin.

3. Facilities, Labor, Supplies. PAT shall provide the facilities, labor, and supplies required to provide the Services.

4. Application for Funding. Each fiscal year or part thereof in which this MOU is in effect, NRVSS shall apply to the Federal Transit Administration for federal transit funding (the "Federal Funds") to reimburse the actual costs of preventive maintenance of NRVSS's federally funded buses and the federally funded buses operated by PAT, and for state transit funding from the Commonwealth of Virginia, Department of Rail and Public Transportation (the "State Funds") to reimburse NRVSS and PAT for the actual costs of repairs, labor, parts,

fuel, tires, and administrative costs to provide public transportation (the "Operational Costs"). Time is of the essence and NRVSS's default in the obligations of this section 4 shall constitute a material default.

5. Payment of Federal Funds. Within thirty (30) days of NRVSS's receipt of the Federal Funds, NRVSS shall pay a percentage of the Federal Funds to PAT to offset the costs of preventive maintenance of the federal buses operated by PAT. The percentage of Federal Funds paid to PAT shall be determined by dividing the number of federal buses solely operated by PAT and used to provide the Services by the total number of NRVSS federal buses. The calculation shall be based on the previous Federal fiscal year fleet inventory applicable to the current grant application. Time is of the essence and NRVSS's default in the obligations of this section 5 shall constitute a material default

6. Payment of State Funds. Within thirty (30) days of NRVSS's receipt of the State Funds, NRVSS shall calculate the amount of the State Funds that are solely attributed to PAT's Operational Costs (the ""Attributable Funds") and shall pay to PAT ____ percent (__%) of the Attributable Funds to offset PAT's cost to provide Services. PAT shall provide NRVSS all reasonably necessary documentation and accounting of its Operational Costs as required by the Commonwealth of Virginia to apply for the State Funds. Time is of the essence and NRVSS's default in the obligations of this section 6 shall constitute a material default.

7. Documentation. PAT shall provide NRVSS with information and documentation on the operation of the Services, including daily rider counts, vehicle hours operated, vehicle miles of travel, and other such information associated with the Services as NRVSS may reasonably require, and shall permit representatives of NRVSS, the Commonwealth of Virginia, and the U.S. Government to inspect and audit PAT's records relating to the Services.

8. Insurance. PAT as a division of NRVSS will be covered under NRVSS, at a minimum, and pay its portion of the cost of the insurance coverage set forth below with companies licensed to conduct business in the Commonwealth of Virginia, with an A.M. Best rating of A or higher.

Workers' compensation: Virginia State Statutory
Employer's liability: $1,000,000

Commercial General Liability including umbrella/excess coverage:
$2,000,000 each occurrence/$2,000,000 aggregate

Business Auto Liability including umbrella/excess:
$2,000,000 each accident or loss

NRVSS shall require its insurance agent to certify on the insurance certificate that the insurance coverage specified herein is fully in effect both in scope and amount. The insurance certificate shall contain a provision that coverage afforded under the policies will not be canceled or materially changed unless at least 30 days prior written notice has been given to the NRVSS.

The insurance certificate holder shall be designated as:

New River Valley Senior Services
141 East Main Street, Suite 500
Pulaski, VA 24301

9. Term and Termination.

(a) The Term of this MOU shall commence on _____, ____, and terminate on _____,____ (the "Initial Term"), unless terminated sooner in accordance with its terms.

(b) In addition to the termination of this MOU in accordance with paragraph 9(a) above, in the event of a material default in the provisions of this MOU, the non-defaulting Party may terminate this MOU upon thirty (30) days' prior written notice to the defaulting Party.

(c) Upon the termination of this MOU in accordance with this section 9, no Party will have any further obligation hereunder except for obligations arising prior to the date of termination, and obligations, terms or conditions contained herein that expressly extend beyond termination or expiration of this MOU.

10. No Assignment. This MOU shall bind and inure to the benefit of the Parties and their respective successors and assigns. Neither Party may assign its rights and/or duties hereunder, directly or indirectly, without the prior written consent of the other Party.

11. No Waiver. Unless otherwise specifically agreed in writing the failure of either Party at any time to require performance by the other of any provision of this MOU shall not affect such Party's right thereafter to enforce the same; no waiver by either Party of any default by the other shall be taken or held to be a waiver by such Party of any other preceding or subsequent default; and no extension of time granted by either Party for the performance of any obligation or act by the other Party shall be deemed to be an extension of time for the performance of any other obligation or act under this MOU.

12. Use of Terms. "Shall" or "will" as used in this MOU are interchangeable and both convey a mandatory obligation. "Including" as used in this MOU means "including without limitation."

13. No Strict Construction. In the event an ambiguity or question of intent or interpretation arises, this MOU shall be construed as if drafted jointly by the Parties and no Presumption or burden of proof shall arise favoring or disfavoring either Party by virtue of the authorship of any provision or portion of any provision of this MOU.

14. Notices. All notices, requests, consents and other communications hereunder shall be in writing, shall be addressed to the receiving Party's address set forth below or to such other address as a Party may designate by notice hereunder, and shall be (i) delivered by hand, or (ii) telexed, telecopied or made by facsimile transmission, or (iii) sent by overnight courier, or (iv) sent by certified or registered mail, return receipt requested, postage prepaid:

To NRVSS:

NEW RIVER VALLEY SENIOR SERVICES
141 East Main Street, Suite 500
Pulaski, VA 24301
Attention: Executive Director

To PAT:

PULASKI AREA TRANSIT
141 East Main Street, Suite 500
Pulaski, VA 24301
Attention: Transit Manager

15. No Rights in Third Parties. This MOU is not intended to, nor will it be construed to, create any rights in any third parties, including without limitation, in any person employed or engaged by the Parties in connection with this MOU.

16. Severability. If any clause, provision or section of this MOU is held to be illegal or invalid by any court, the invalidity of the clause, provision or section will not affect any of the remaining clauses, provisions or sections, and this MOU will be construed and enforced as if the illegal or invalid clause, provision or section has not been contained in it.

17. Entire MOU. This MOU, including all documents referred to and incorporated herein, constitutes the entire understanding between the Parties with respect to the subject matter of this MOU and there are no representations, understandings, or agreements relating to this MOU that are not fully expressed herein. Except as otherwise provided herein, no change, waiver, or discharge hereof shall be valid unless in writing and signed by an authorized representative of the Party against which such change, waiver, or discharge is sought to be enforced. No course of prior dealings, no usage of the trade and no course of performance shall act to cancel, change, modify, supplement, or explain the specific provisions of· this MOU.

18. Governing Law. This MOU and all questions relating to its validity, interpretation, performance, and enforcement shall be governed by and construed in accordance with the Laws of the Commonwealth of Virginia without giving effect to Virginia's Conflict of Laws provisions. Any litigation related to this MOU shall be brought in a court whose jurisdiction includes the Town of Pulaski and/or the County of Pulaski, Virginia.

19. Authorization. Pursuant to the resolution adopted by the Board of Directors of NRVSS on __, 2012, the Executive Director of NRVSS is authorized to execute this Service MOU.

WITNESS the following seals and signatures.

PULASKI AREA TRANSIT

NEW RIVER VALLEY SENIOR SERVICES

Appendix B. Detailed Space Program Needs

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Pulaski Area Transit Facility Feasibility Study
Complete Space Program

			Space Standard		Current Needs			Future Needs			
Area Description	Room	Calculated per People, Space, or Bus	Area Length	Area Width	# Current Spaces	Current Area (S.F.)	Current Gross Area Requirement	# Future Spaces	Future Area (S.F.)	Future Gross Area Requirement	Remarks
OFFICE											-
	Administration										-
	Director (Tina)	**People**	10	15		150			150		P.O.
	Transit/Operations Manager (Gary)	**People**	10	15		150			150		P.O.
	Fiscal Director (Jennifer)	**People**	8	8		64			64		Cubicle
	Administrative Assistant (Monica)	**People**	8	8		64			64		Cubicle
	Scheduler (Kathy)	**People**	8	8		64			64		Cubicle
	Unassigned Growth Space (PAT)	**People**	8	8		0			128		Cubicle
	Nutrition Supervsior	**People**	8	8		64			64		Cubicle
	ADS Specialist Sr.	**People**	8	8		64			64		Cubicle
	ADS Coordinator	**People**	8	8		64			64		Cubicle
	Mobility Coordinator	**People**	8	8		64			64		Cubicle
	Care Coordinator	**People**	8	8		64			64		Cubicle
	ADS Specialist	**People**	8	8		64			64		Cubicle
	Sec/Admin Assistant	**People**	8	8		64			64		Cubicle
	Sec/Data Entry Spec.	**People**	8	8		64			64		Cubicle
	Vicap Coordinator	**People**	8	8		64			64		Cubicle
	Ombudsman	**People**	8	8		64			64		Cubicle
	Unassigned Growth Space (AoA)	**People**	8	8		0			64		Cubicle
	Common Areas										-
	Entrance Lobby	**Space**	10	12	1	120		1	120		-
	Copy/Supplies/Fax	**Space**	10	12	1	120		1	120		With layout space for schedules
	Fare Counting Room	**Space**	8	9	1	72		1	72		-
	File Storage	**Space**	10	24	1	240		1	240		Assume 5-high lateral files (18)
	IT/Telephone Room	**Space**	4	6	1	24		1	24		Assume County data system
	Custodial Closet	**Space**	3	4	1	12		1	12		-
	Operations										-
	Road Supervisor	**People**	8	8		0			64		Cubicle
	Computer Based Training	**Space**	6	6	2	72		2	72		Workstation/ Cubicle
	Unassigned Growth Space	**Space**	8	8	1	64		1	64		Cubicle
	Drivers Vestibule	**Space**	4	8	1	32		1	32		Adj. to Break Room & Dispatch
	Dispatch/Radio Control (PAT)	**Space**	10	15	1	150		1	150		Two (2) on duty
	Dispatch/Radio Control (NRVSS)	**Space**	10	15	1	150		1	150		Two (2) on duty
	Drivers Room	**People**	9	2	1	176		1	311		13.5 sqft per driver. 1 driver per bus
	Kitchenette	**Space**	10	20	1	200		1	200		Adjacent to Drivers Room/Vending
	Driver's Supplies	**People**			1	0		1	0		Adjacent/within Drivers room
	Bulk Storage	**Space**	15	10	1	150		1	150		Allow 150 SF in storeroom w/ racks
	Training/Meeting/Conference Room	**People**	3	5	1	510		1	780		15 SF per person.
	Locker Alcove	**People**	3	1	1	33		1	58		3' tall locker for each driver, stacked, facing each other =>2.5x1x3
	Men's Restroom	**Space**	12	8	1	96		1	96		7 sqft per driver. 1 driver per bus
	Toilets	**-**				0			0		Architect to Review /Develop in Schematic Design
	Urinals	**-**				0			0		Architect to Review /Develop in Schematic Design
	Sinks	**-**				0			0		Architect to Review /Develop in Schematic Design
	Women's Restroom	**Space**	12	14	1	168		1	168		-
	Toilets	**-**				0			0		Architect to Review /Develop in Schematic Design
	Sinks	**-**				0			0		Architect to Review /Develop in Schematic Design
OFFICE Total			295	337	20	**3,520**	**5,415**	**20**	**4,206**	**6,471**	OFFICE Total; Space Factor = 0.35
											-
Other											-
	Common Areas										-
	Stairs	**Space**	11	20	1	220		1	220		-
Other Total			11	20	1	**220**	**220**	**1**	**220**	**220**	Other Total; Space Factor = 0
											-

Note: "Future Needs" indicates total need projections; it does not indicate the difference from the Current Needs.

Pulaski Area Transit Facility Feasibility Study
Complete Space Program

Area Description	Room	Calculated per People, Space, or Bus	Space Standard: Area Length	Space Standard: Area Width	Current Needs: # Current Spaces	Current Needs: Current Area (S.F.)	Current Needs: Current Gross Area Requirement	Future Needs: # Future Spaces	Future Needs: Future Area (S.F.)	Future Needs: Future Gross Area Requirement	Remarks
MAINTENANCE											-
	Office Areas										-
	Maintenance Supervisor	**People**	12	12	1	144		1	144		Office, View of Shop
	Manuals Library, non computer	**Space**	6	8	1	48		1	48		PC based
	Repair Bays										-
	Maintenance Bay	**Space**	20	60	1	1,200		1	1,200		With portable lifts
	Maintenance Bay	**Space**	20	45	1	900		1	900		With portable lifts
	Tire Shop										-
	Tire Shop/Storage	**Space**	20	20	1	400		1	400		-
	Shop/Storage Areas										-
	Electronics Shop	**Space**	10	12	1	120		1	120		Radios, Signs, other electronics
	Lube/Compressor Room	**Space**	17	18	1	306		1	306		sized per req. fluid storage. New&used
	Parts/Stock Room	**Bus**	25	1	13	325		23	575		-
	Tool Crib	**Space**	10	15	1	150		1	150		-
	Receiving Area	-	20	20	1	0		1	0		-
	Toolbox Storage	**Space**	5	20	1	100		1	100		Secured caged area
	Portable Equipment Storage	**Space**	1	150	1	150		1	150		-
	Common Work Area	**Space**	1	500	1	500		1	500		Component Repair
	Support Areas										-
	Men's Restroom/Locker Room	**Space**	12	30	1	360		1	360		-
	Lockers	-				0			0		Full Height Locker per Mechanic
	Showers	-				0			0		Architect to Review /Develop in Schematic Design
	Urinals	-				0			0		Architect to Review /Develop in Schematic Design
	Toilets	-				0			0		Architect to Review /Develop in Schematic Design
	Deep Hand Wash Sinks	-				0			0		Architect to Review /Develop in Schematic Design
	Women's Restroom/Locker Room	**Space**	12	20	1	240		1	240		-
	Lockers	-				0			0		Full Height Locker per Mechanic
	Showers	-				0			0		Architect to Review /Develop in Schematic Design
	Toilets	-				0			0		Architect to Review /Develop in Schematic Design
	Deep Hand Wash Sinks	-				0			0		Architect to Review /Develop in Schematic Design
MAINTENANCE Total			191	931	27	**4,943**	**6,179**	**37**	**5,193**	**6,491**	MAINTENANCE Total; Space Factor = 0.2
											-
WASH											-
	Wash Lane										-
	Bus Wash	**Space**	24	75	1	1,800		1	1,800		Gantry Style
	Reclaim/Support Equipment	**Space**	15	30	1	450		1	450		-
	Chassis Wash	**Space**	24	0	1	0		1	0		(Steam Cleaning) With Wash. Extend Bus Wash bay by 20' to allow for chassis wash.
WASH Total			63	105	3	**2,250**	**2,368**	**3**	**2,250**	**2,368**	WASH Total; Space Factor = 0.05
											-
PARKING											-
	Transit Vehicles										-
	Pulaski Area Transit Bus Fleet + Trolley	**Space**	12	35	13	5,460		21	8,820		up to 30 foot buses
	PAT 45' Fixed Route Bus	**Space**	12	50	0	0		2	1,200		-
	NRVSS Van Fleet	**Space**	10	20	27	5,400		41	8,100		All vans may be on site at one time for twice monthly meetings with drivers.
	Operational Support Vehicles	**Space**	9	18	2	324		2	324		-
	Personal Vehicle Parking										-
	Employee	**Space**	9	18	44	7,128		63	10,206		1.5 X number of PAT buses + number of office staff. 90% of NRVSS Drivers are assumed to arrive in the NRVSS Vans; 10% of drivers are expected to arrive in personal vehicles and also have the van onsite.
	Visitor	**Space**	9	18	4	713		6	1,021		10% of employee
	Disability Parking	**Space**	13	18	3	702		4	936		5% of employee + visitor
PARKING Total			74	177	93	**19,727**	**39,454**	**139**	**30,607**	**61,213**	PARKING Total; Space Factor = 0.5
											-
EXTERIOR AREAS											-
	Employee Areas										-
	Patio/Outdoor Break Area	**Space**	10	50	1	500		1	500		-
	Facility										-
	Scrap Metal Dumpsters	**Space**	10	15	1	150		1	150		Wheel Drums, scrap metal
	Refuse Dumpsters	**Space**	10	15	1	150		1	150		-
	Emergency Generator	**Space**	10	20	1	200		1	200		-
EXTERIOR AREAS Total			40	100	4	**1,000**	**1,000**	**4**	**1,000**	**1,000**	EXTERIOR AREAS Total; Space Factor = 0
											-
Grand Total			674	1,670	148	**31,660**	**54,636**	**204**	**43,476**	**77,764**	-

Note: “Future Needs” indicates total need projections; it does not indicate the difference from the Current Needs.

Appendix C. Division of Space Program

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Pulaski Area Transit Facility Feasibility Study
Space Program Division:
Pulaski Area Transit (PAT) and Shared Spaces

			Space Standard		Current Needs			Future Needs			
Area Description	Room	Calculated per People, Space, or Bus	Area Length	Area Width	# Current Spaces	Current Area (S.F.)	Current Gross Area Requirement	# Future Spaces	Future Area (S.F.)	Future Gross Area Requirement	Remarks
OFFICE											-
	Administration										-
	Transit/Operations Manager (Gary)	**People**	10	15		150			150		P.O.
	Unassigned Growth Space (PAT)	**People**	8	8		0			128		Cubicle
	Common Areas										-
	Entrance Lobby	**Space**	10	12	1	120		1	120		-
	Copy/Supplies/Fax	**Space**	10	12	1	120		1	120		With layout space for schedules
	Fare Counting Room	**Space**	8	9	1	72		1	72		-
	File Storage	**Space**	10	24	1	240		1	240		Assume 5-high lateral files (18)
	IT/Telephone Room	**Space**	4	6	1	24		1	24		Assume County data system
	Custodial Closet	**Space**	3	4	1	12		1	12		-
	Operations										-
	Road Supervisor	**People**	8	8		0			64		Cubicle
	Computer Based Training	**Space**	6	6	2	72		2	72		Workstation/ Cubicle
	Unassigned Growth Space	**Space**	8	8	1	64		1	64		Cubicle
	Drivers Vestibule	**Space**	4	8	1	32		1	32		Adj. to Break Room & Dispatch
	Dispatch/Radio Control (PAT)	**Space**	10	15	1	150		1	150		Two (2) on duty
	Drivers Room	**People**	9	2	1	176		1	311		13.5 sqft per driver. 1 driver per bus
	Kitchenette	**Space**	10	20	1	200		1	200		Adjacent to Drivers Room/Vending
	Driver's Supplies	**People**			1	0		1	0		Adjacent/within Drivers room
	Bulk Storage	**Space**	15	10	1	150		1	150		Allow 150 SF in storeroom w/ racks
	Training/Meeting/Conference Room	**People**	3	5	1	510		1	780		15 SF per person.
	Locker Alcove	**People**	3	1	1	33		1	58		3' tall locker for each driver, stacked, facing each other =>2.5x1x3
	Men's Restroom	**Space**	12	8	1	96		1	96		7 sqft per driver. 1 driver per bus
	Toilets	**-**				0			0		Architect to Review /Develop in Schematic Design
	Urinals	**-**				0			0		Architect to Review /Develop in Schematic Design
	Sinks	**-**				0			0		Architect to Review /Develop in Schematic Design
	Women's Restroom	**Space**	12	14	1	168		1	168		-
	Toilets	**-**				0			0		Architect to Review /Develop in Schematic Design
	Sinks	**-**				0			0		Architect to Review /Develop in Schematic Design
OFFICE Total			163	195	19	2,388	3,674	19	3,010	4,631	OFFICE Total; Space Factor = 0.35
											-
Other											-
	Common Areas										-
	Stairs	**Space**	11	20	1	220		1	220		-
Other Total			11	20	1	220	220	1	220	220	Other Total; Space Factor = 0
											-

Note: “Future Needs” indicates total need projections; it does not indicate the difference from the Current Needs.

Pulaski Area Transit Facility Feasibility Study
Space Program Division:
Pulaski Area Transit (PAT) and Shared Spaces

		Space Standard		Current Needs			Future Needs			
Area Description / Room	Calculated per People, Space, or Bus	Area Length	Area Width	# Current Spaces	Current Area (S.F.)	Current Gross Area Requirement	# Future Spaces	Future Area (S.F.)	Future Gross Area Requirement	Remarks
MAINTENANCE										-
Office Areas										-
Maintenance Supervisor	**People**	12	12	1	144		1	144		Office, View of Shop
Manuals Library, non computer	**Space**	6	8	1	48		1	48		PC based
Repair Bays										-
Maintenance Bay	**Space**	20	60	1	1,200		1	1,200		With portable lifts
Maintenance Bay	**Space**	20	45	1	900		1	900		With portable lifts
Tire Shop										-
Tire Shop/Storage	**Space**	20	20	1	400		1	400		-
Shop/Storage Areas										-
Electronics Shop	**Space**	10	12	1	120		1	120		Radios, Signs, other electronics
Lube/Compressor Room	**Space**	17	18	1	306		1	306		sized per req. fluid storage. New&used
Parts/Stock Room	**Bus**	25	1	13	325		23	575		-
Tool Crib	**Space**	10	15	1	150		1	150		-
Receiving Area	-	20	20	1	0		1	0		-
Toolbox Storage	**Space**	5	20	1	100		1	100		Secured caged area
Portable Equipment Storage	**Space**	1	150	1	150		1	150		-
Common Work Area	**Space**	1	500	1	500		1	500		Component Repair
Support Areas										-
Men's Restroom/Locker Room	**Space**	12	30	1	360		1	360		-
Lockers	-				0			0		Full Height Locker per Mechanic
Showers	-				0			0		Architect to Review /Develop in Schematic Design
Urinals	-				0			0		Architect to Review /Develop in Schematic Design
Toilets	-				0			0		Architect to Review /Develop in Schematic Design
Deep Hand Wash Sinks	-				0			0		Architect to Review /Develop in Schematic Design
Women's Restroom/Locker Room	**Space**	12	20	1	240		1	240		-
Lockers	-				0			0		Full Height Locker per Mechanic
Showers	-				0			0		Architect to Review /Develop in Schematic Design
Toilets	-				0			0		Architect to Review /Develop in Schematic Design
Deep Hand Wash Sinks	-				0			0		Architect to Review /Develop in Schematic Design
MAINTENANCE Total		191	931	27	**4,943**	**6,179**	**37**	**5,193**	**6,491**	MAINTENANCE Total; Space Factor = 0.2
										-
WASH										-
Wash Lane										-
Bus Wash	**Space**	24	75	1	1,800		1	1,800		Gantry Style
Reclaim/Support Equipment	**Space**	15	30	1	450		1	450		-
Chassis Wash	**Space**	24	0	1	0		1	0		(Steam Cleaning) With Wash. Extend Bus Wash bay by 20' to allow for chassis wash.
WASH Total		63	105	3	**2,250**	**2,368**	**3**	**2,250**	**2,368**	WASH Total; Space Factor = 0.05
										-
PARKING										-
Transit Vehicles										-
Pulaski Area Transit Bus Fleet + Trolley	**Space**	12	35	13	5,460		21	8,820		up to 30 foot buses
PAT 45' Fixed Route Bus	**Space**	12	50	0	0		2	1,200		-
Operational Support Vehicles	**Space**	9	18	2	324		2	324		-
Personal Vehicle Parking										-
Employee	**Space**	9	18	44	7,128		63	10,206		1.5 X number of PAT buses + number of office staff. 90% of NRVSS Drivers are assumed to arrive in the NRVSS Vans; 10% of drivers are expected to arrive in personal vehicles and also have the van onsite.
Visitor	**Space**	9	18	4	713		6	1,021		10% of employee
Disability Parking	**Space**	13	18	3	702		4	936		5% of employee + visitor
PARKING Total		64	157	66	**14,327**	**28,654**	**98**	**22,507**	**45,013**	PARKING Total; Space Factor = 0.5
										-
EXTERIOR AREAS										-
Employee Areas										-
Patio/Outdoor Break Area	**Space**	10	50	1	500		1	500		-
Facility										-
Scrap Metal Dumpsters	**Space**	10	15	1	150		1	150		Wheel Drums, scrap metal
Refuse Dumpsters	**Space**	10	15	1	150		1	150		-
Emergency Generator	**Space**	10	20	1	200		1	200		-
EXTERIOR AREAS Total		40	100	4	**1,000**	**1,000**	**4**	**1,000**	**1,000**	EXTERIOR AREAS Total; Space Factor = 0
										-
Grand Total		532	1,508	120	**25,128**	**42,095**	**162**	**34,180**	**59,724**	-

Note: "Future Needs" indicates total need projections; it does not indicate the difference from the Current Needs.

Pulaski Area Transit Facility Feasibility Study
Space Program Division:
New River Valley Agency on Aging (NRVAoA)

			Space Standard		Current Needs			Future Needs			
Area Description	Room	Calculated per People, Space, or Bus	Area Length	Area Width	# Current Spaces	Current Area (S.F.)	Current Gross Area Requirement	# Future Spaces	Future Area (S.F.)	Future Gross Area Requirement	Remarks
OFFICE											-
Administration											-
	Director (Tina)	**People**	10	15		150			150		P.O.
	Fiscal Director (Jennifer)	**People**	8	8		64			64		Cubicle
	Nutrition Supervsior	**People**	8	8		64			64		Cubicle
	ADS Specialist Sr.	**People**	8	8		64			64		Cubicle
	ADS Coordinator	**People**	8	8		64			64		Cubicle
	Mobility Coordinator	**People**	8	8		64			64		Cubicle
	Care Coordinator	**People**	8	8		64			64		Cubicle
	ADS Specialist	**People**	8	8		64			64		Cubicle
	Sec/Admin Assistant	**People**	8	8		64			64		Cubicle
	Sec/Data Entry Spec.	**People**	8	8		64			64		Cubicle
	Vicap Coordinator	**People**	8	8		64			64		Cubicle
	Ombudsman	**People**	8	8		64			64		Cubicle
	Unassigned Growth Space (AoA)	**People**	8	8		0			64		Cubicle
OFFICE Total			106	111		**854**	**1,314**		**918**	**1,412**	OFFICE Total; Space Factor = 0.35
											-
Grand Total			106	111		**854**	**1,314**		**918**	**1,412**	-

Note: “Future Needs” indicates total need projections; it does not indicate the difference from the Current Needs.

Pulaski Area Transit Facility Feasibility Study
Space Program Division:
New River Valley Senior Services (NRVSS)

			Space Standard		Current Needs			Future Needs			
Area Description	Room	Calculated per People, Space, or Bus	Area Length	Area Width	# Current Spaces	Current Area (S.F.)	Current Gross Area Requirement	# Future Spaces	Future Area (S.F.)	Future Gross Area Requirement	Remarks
OFFICE											-
Administration											-
	Administrative Assistant (Monica)	**People**	8	8		64			64		Cubicle
	Scheduler (Kathy)	**People**	8	8		64			64		Cubicle
Operations											-
	Dispatch/Radio Control (NRVSS)	**Space**	10	15	1	150		1	150		Two (2) on duty
OFFICE Total			26	31	1	**278**	**428**	**1**	**278**	**428**	OFFICE Total; Space Factor = 0.35
											-
PARKING											-
Transit Vehicles											-
	NRVSS Van Fleet	**Space**	10	20	27	5,400		41	8,100		All vans may be on site at one time for twice monthly meetings with drivers.
PARKING Total			10	20	27	**5,400**	**10,800**	**41**	**8,100**	**16,200**	PARKING Total; Space Factor = 0.5
											-
Grand Total			36	51	28	**5,678**	**11,228**	**42**	**8,378**	**16,628**	-

Note: “Future Needs” indicates total need projections; it does not indicate the difference from the Current Needs.

Appendix D. Facility Location Decision Matrix

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Site Decision Matrix

Site Evaluation Factor	Weight	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	1 Commerce/Pine	2 Northwood School	3 Tennis Court Lynwood St	4 Critzer Elementary School	5 Railroad Property	6 Billboard - East End	7 VIC and Co. Land	8 County Corporate Center
Vacant/Adaptive Reuse/Ready for Development	3	0	0	3	3	3	3	3	3	0	0	9	9	9	9	9	9
Public Ownership	3	3	3	3	3	3	3	3	3	9	9	9	9	9	9	9	9
Proximity to Town Center and Existing Development (Includes operational efficiency and the limiting of dead-head routing.)	3	3	1	3	2	1	1	1	1	9	3	9	6	3	3	3	3
Major Road Access	3	2	1	2	3	3	3	3	2	6	3	6	9	9	9	9	6
Site Preparation Required	2	1	1	3	3	3	2	2	3	2	2	6	6	6	4	4	6
Not in Flood Plain	3	3	3	3	2	3	1	1	3	9	9	9	6	9	3	3	9
Available Space/Size/Configuration	2	2	2	3	2	3	3	3	3	4	4	6	4	6	6	6	6
Environmental Impacts	2	2	1	1	2	3	1	1	2	4	2	2	4	6	2	2	4
Property Acquisition Costs	3	3	1	3	1	3	3	3	3	9	3	9	3	9	9	9	9
Community Impacts	3	2	1	1	1	3	3	2	2	6	3	3	3	9	9	6	6
Land Use Compatibility	2	3	1	1	1	3	3	3	3	6	2	2	2	6	6	6	6
Site Topography	1	2	3	3	2	2	1	1	3	2	3	3	2	2	1	1	3
Total										66	43	73	63	83	70	67	76

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Appendix E. August 2012 Site Visit Locations

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Lynnwood Tennis Court
Residential
13.29 acr.

Pulaski Ventures LLC
160.1 Bob White Blvd
Commercial
4.4 acr.

Town of Pulaski
N+W RR
Industrial
19 acr.

Samuel Gregory
Lot 6 Industrial Park
Industrial
3 acr.

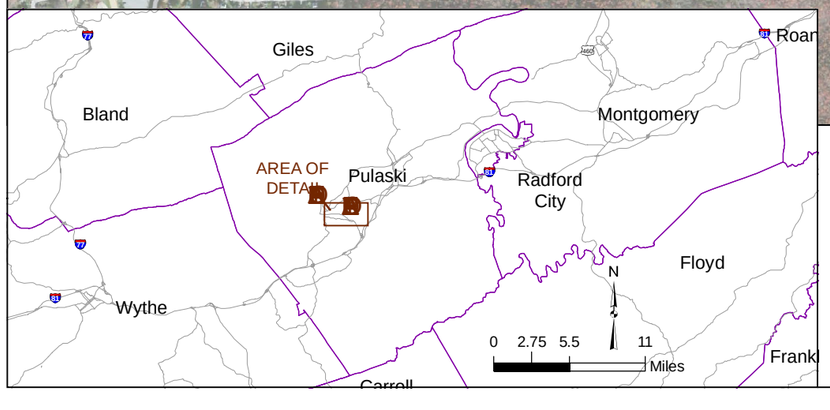
John and Jeff Schwartz LLC
Industrial
7.5 acr.
appr.x. 7 acr
FEMA Zone AB

Car Wash
Industrial
1.93 acr.
appr.x. .6 acr
FEMA Zone AB

Va Highway Dept Parking
Industrial
1.5 acr.

N & W RR
Industrial
5 acr.

Town of Pulaski
VIC and CO
Commercial
10 acr.
6.4 acre FEMA Zone AB



Pulaski Town Boundary

Pulaski Recommended Properties

The properties shown in color on this map represent properties recommended for consideration by the Town of Pulaski.

Pulaski Facility Feasibility Study

N

0 250 500 1,000
Feet

October 17, 2012

Maintenance Facilities
Candidate Properties
Town Of Pulaski Recommendations

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Appendix F. Property Screening Diagrams

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Site 1
Commerce/Pine
Town of Pulaski
Industrial
4 acr

Site 2
Northwood School
Pulaski County
Residential
2.66 acr

Site 3
Tennis Court Lynwood St
Town of Pulaski
Residential
13.23 acr

Site 4
Critzer Elementary School
Town of Pulaski
Residential
4.7 acr.

Site 5
Railroad Property
Town of Pulaski
Industrial
13 acr.

Site 6
Billboard - East End
Town of Pulaski
Industrial
5 acr.

Site 7
VIC and CO Land
Town of Pulaski
Commercial
10 acr.

AREA OF DETAIL

Pulaski Public Properties

The properties shown in yellow on this map represent public properties that are being considered for facility development.

Pulaski Facility Feasibility Study

N

0 625 1,250 Feet

October 23, 2012

Maintenance Facilities
Public Property Candidates

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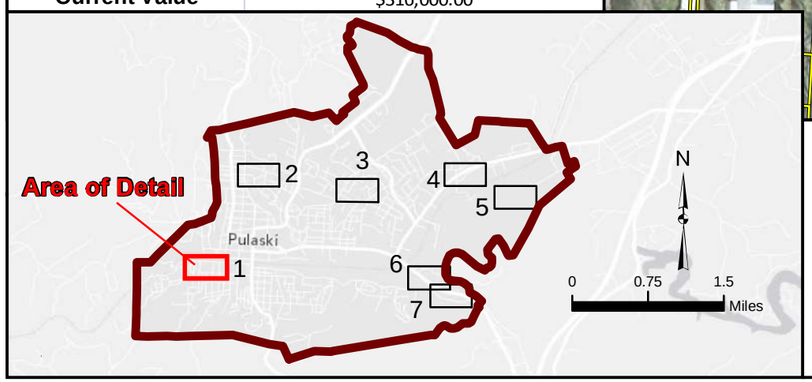
Property Name	Lots 5-28, Commerce/Pine
Parcel Number	072-015-0000-0005
Owner	Town Of Pulaski
Address	Commerce St, Pulaski Va. 24301
Acres	4.00
Zoning	PUL_I2
Zoning Description	Light Industry/storage/commercial
Land Use	Commercial
FEMA Flood Zone	Apprx. 1 acr. AB- 500 Year Flood
Current Value	$316,000.00



Candidate Property Biundary
Pulaski Property Boundaries
Flood Zones
Pulaski Town Boundary
Detail Map Area

Pulaski Facility Feasibility Study

N
0
67.5
135
Feet

October 5, 2012

Maintenance Facilities
Property Candidate 1 - Detail

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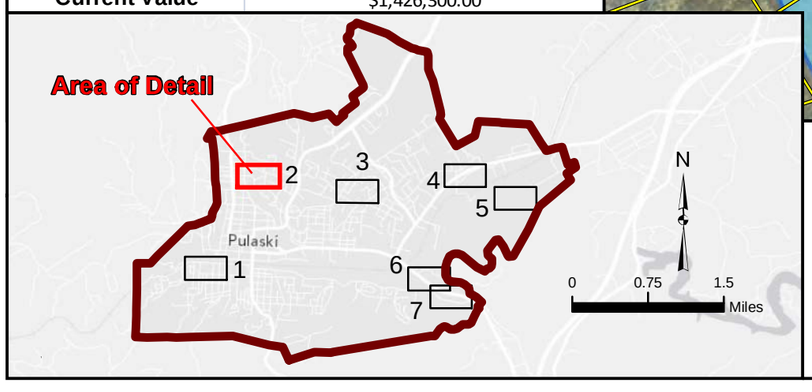
Property Name	Northwood School
Parcel Number	072-015-0000-0005
Owner	Town Of Pulaski
Address	69 Commerce St, Pulaski Va. 24301
Acres	3.86
Zoning	R1
Zoning Description	Low density dwellings, church, schools,parks, day care
Land Use	Residenta
FEMA Flood Zone	X - No Floods
Current Value	$1,426,300.00



- Candidate Property Biundary
- Pulaski Property Boundaries
- Flood Zones
- Pulaski Town Boundary
- Detail Map Area

Pulaski Facility Feasibility Study

N

0 67.5 135 Feet

October 5, 2012

Maintenance Facilities
Property Candidate 2 - Detail

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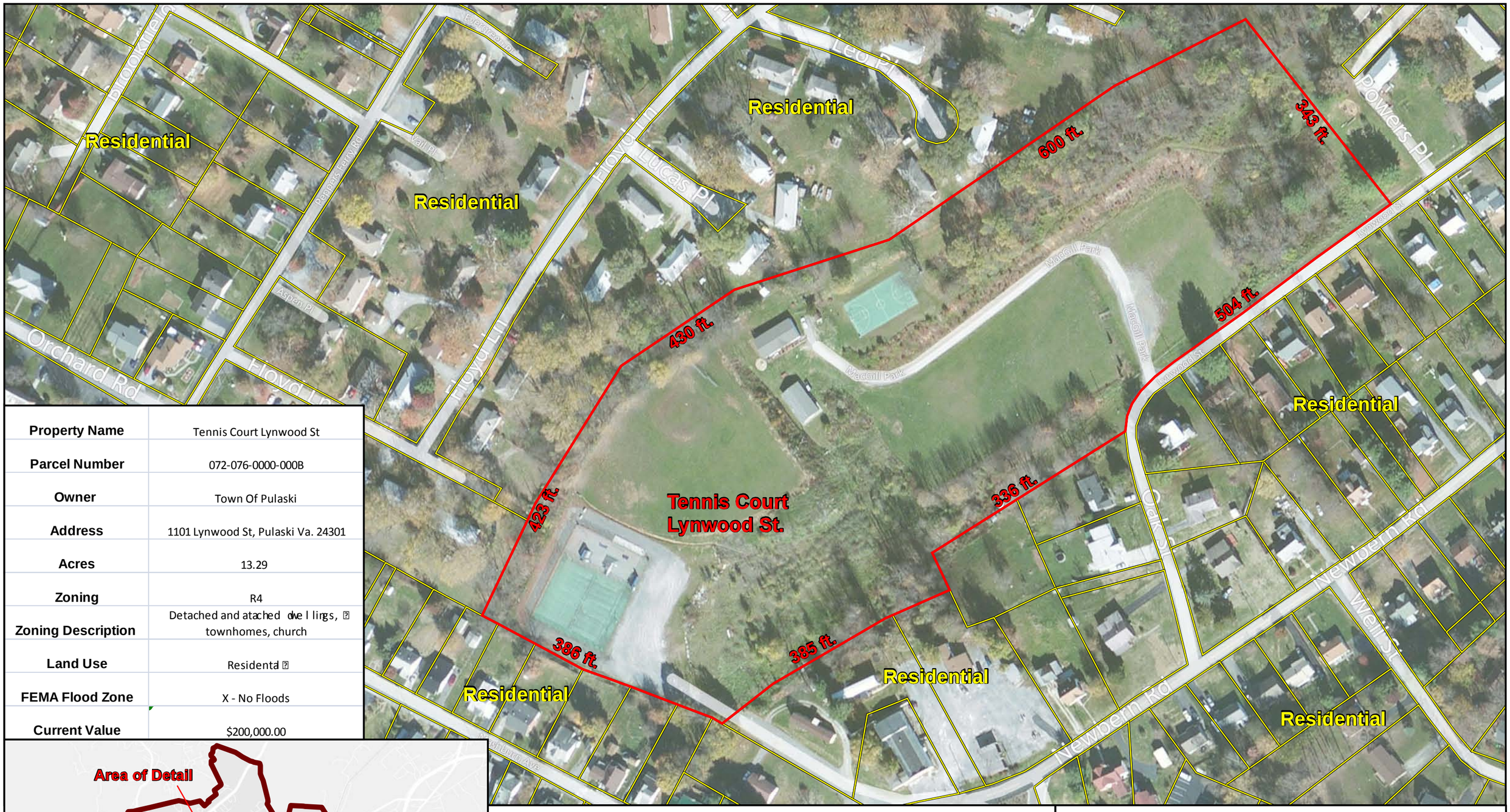
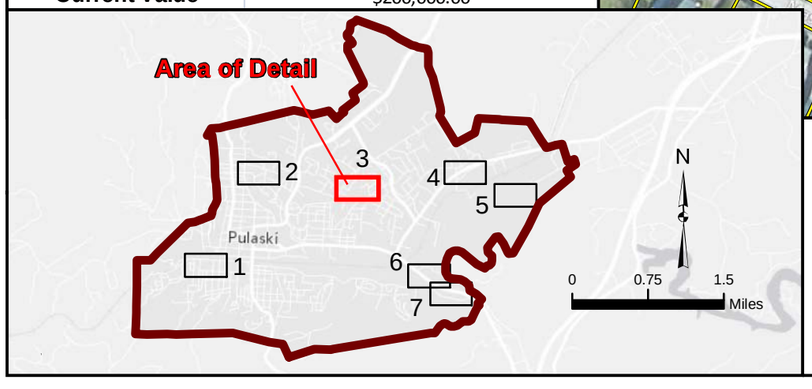
Property Name	Tennis Court Lynwood St
Parcel Number	072-076-0000-000B
Owner	Town Of Pulaski
Address	1101 Lynwood St, Pulaski Va. 24301
Acres	13.29
Zoning	R4
Zoning Description	Detached and attached dwellings, townhomes, church
Land Use	Residental
FEMA Flood Zone	X - No Floods
Current Value	$200,000.00





Candidate Property Biundary
Pulaski Property Boundaries
Flood Zones
Pulaski Town Boundary
Detail Map Area

Pulaski Facility Feasibility Study

N

0 67.5 135 Feet

October 5, 2012

Maintenance Facilities
Property Candidate 3 - Detail

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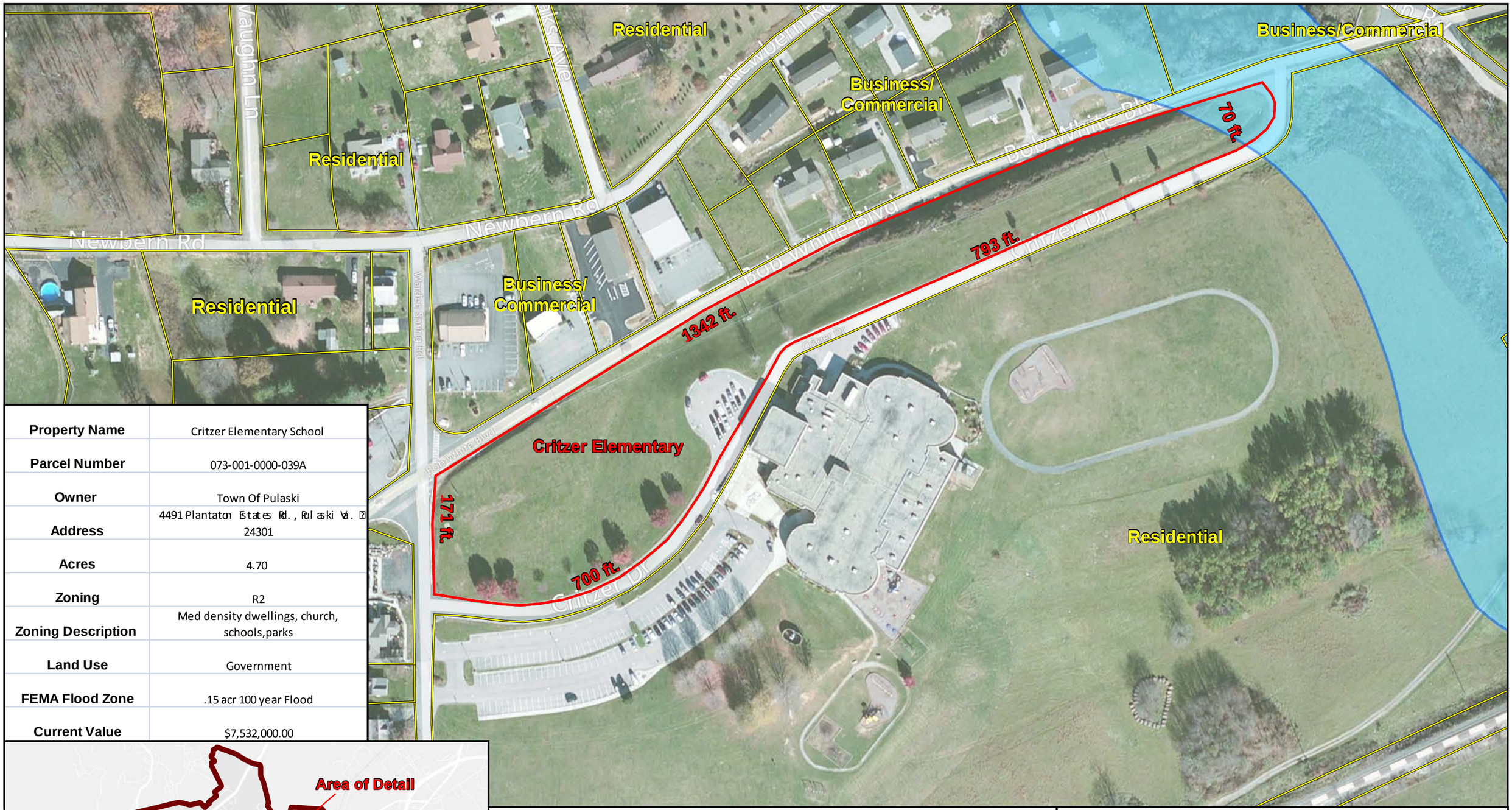
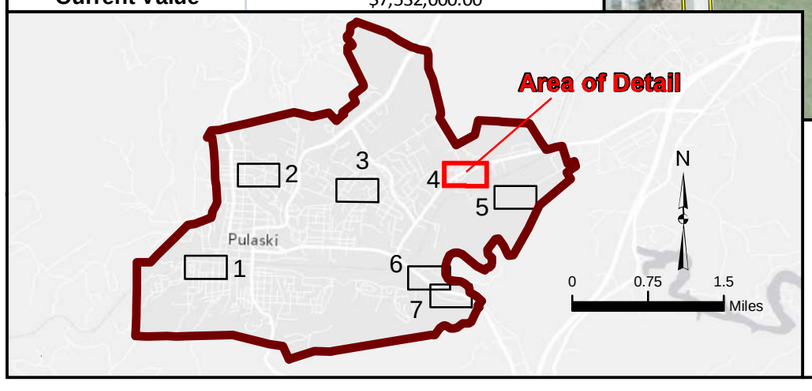


Property Name	Critzer Elementary School
Parcel Number	073-001-0000-039A
Owner	Town Of Pulaski
Address	4491 Plantation Estates Rd., Pulaski Va. 24301
Acres	4.70
Zoning	R2
Zoning Description	Med density dwellings, church, schools,parks
Land Use	Government
FEMA Flood Zone	.15 acr 100 year Flood
Current Value	$7,532,000.00



Candidate Property Biundary
Pulaski Property Boundaries
Flood Zones
Pulaski Town Boundary
Detail Map Area

Pulaski Facility Feasibility Study

N

0 67.5 135 Feet

October 5, 2012

Maintenance Facilities
Property Candidate 4 - Detail

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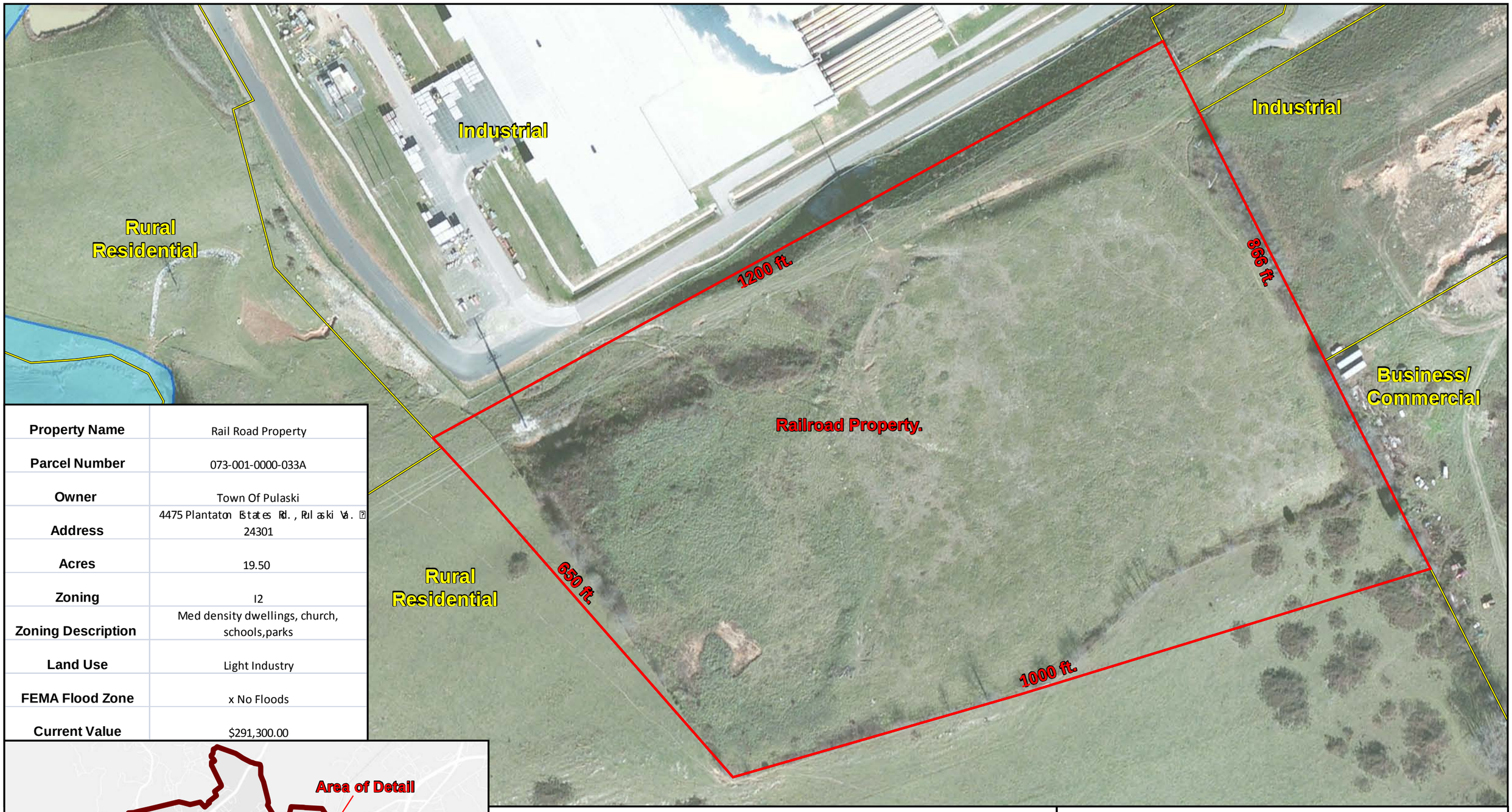
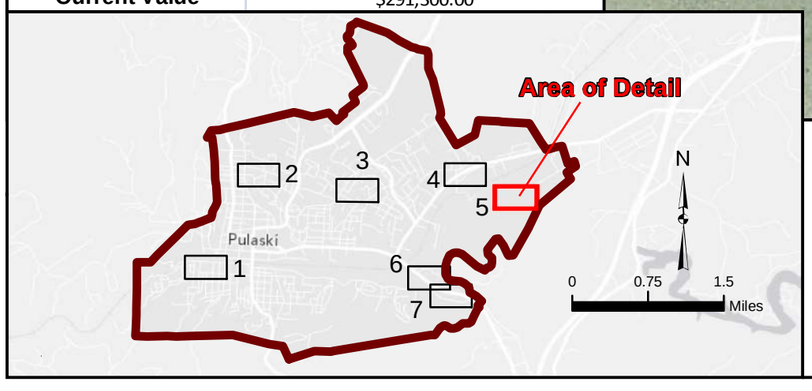


Property Name	Rail Road Property
Parcel Number	073-001-0000-033A
Owner	Town Of Pulaski
Address	4475 Plantation Estates Rd., Pulaski Va. 24301
Acres	19.50
Zoning	I2
Zoning Description	Med density dwellings, church, schools,parks
Land Use	Light Industry
FEMA Flood Zone	x No Floods
Current Value	$291,300.00



Candidate Property Biundary
Pulaski Property Boundaries
Flood Zones
Pulaski Town Boundary
Detail Map Area

Pulaski Facility Feasibility Study

N
0
67.5
135
Feet

October 5, 2012

Maintenance Facilities
Property Candidate 5 - Detail

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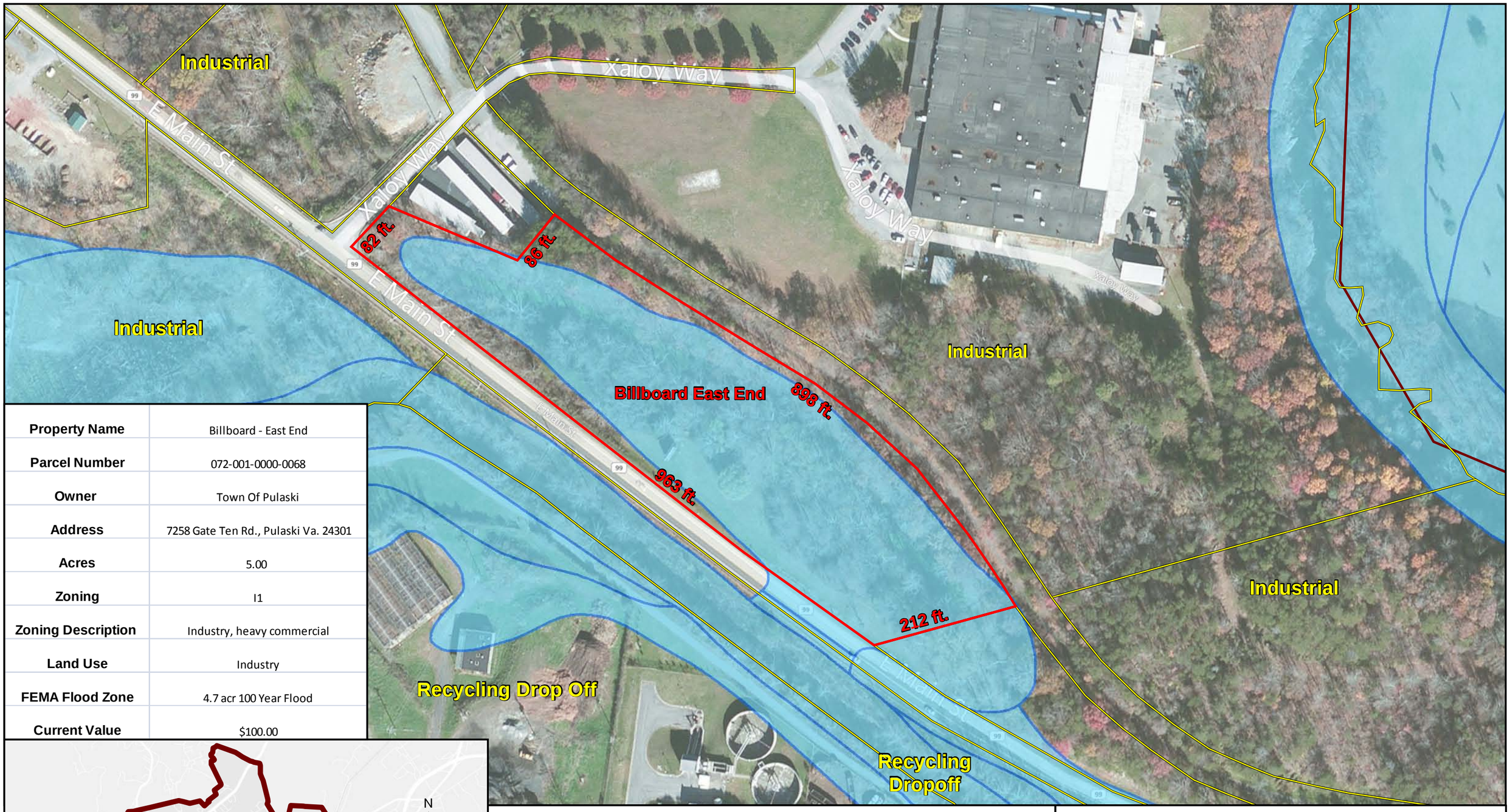
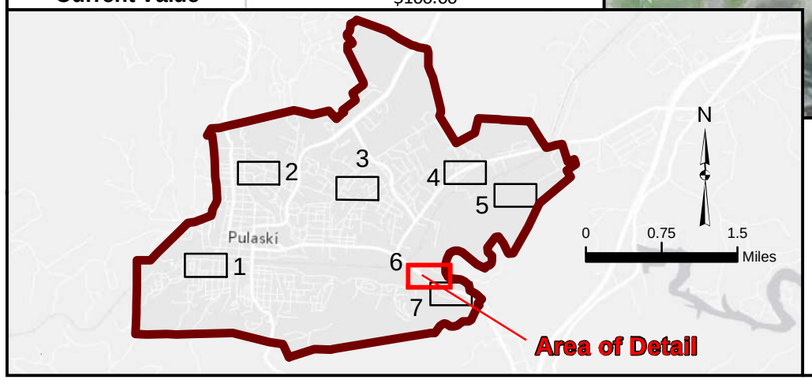
Property Name	Billboard - East End
Parcel Number	072-001-0000-0068
Owner	Town Of Pulaski
Address	7258 Gate Ten Rd., Pulaski Va. 24301
Acres	5.00
Zoning	I1
Zoning Description	Industry, heavy commercial
Land Use	Industry
FEMA Flood Zone	4.7 acr 100 Year Flood
Current Value	$100.00





Candidate Property Biundary
Pulaski Property Boundaries
Flood Zones
Pulaski Town Boundary
Detail Map Area

Pulaski Facility Feasibility Study

N
0
67.5
135
Feet

October 5, 2012

Maintenance Facilities
Property Candidate 6 - Detail

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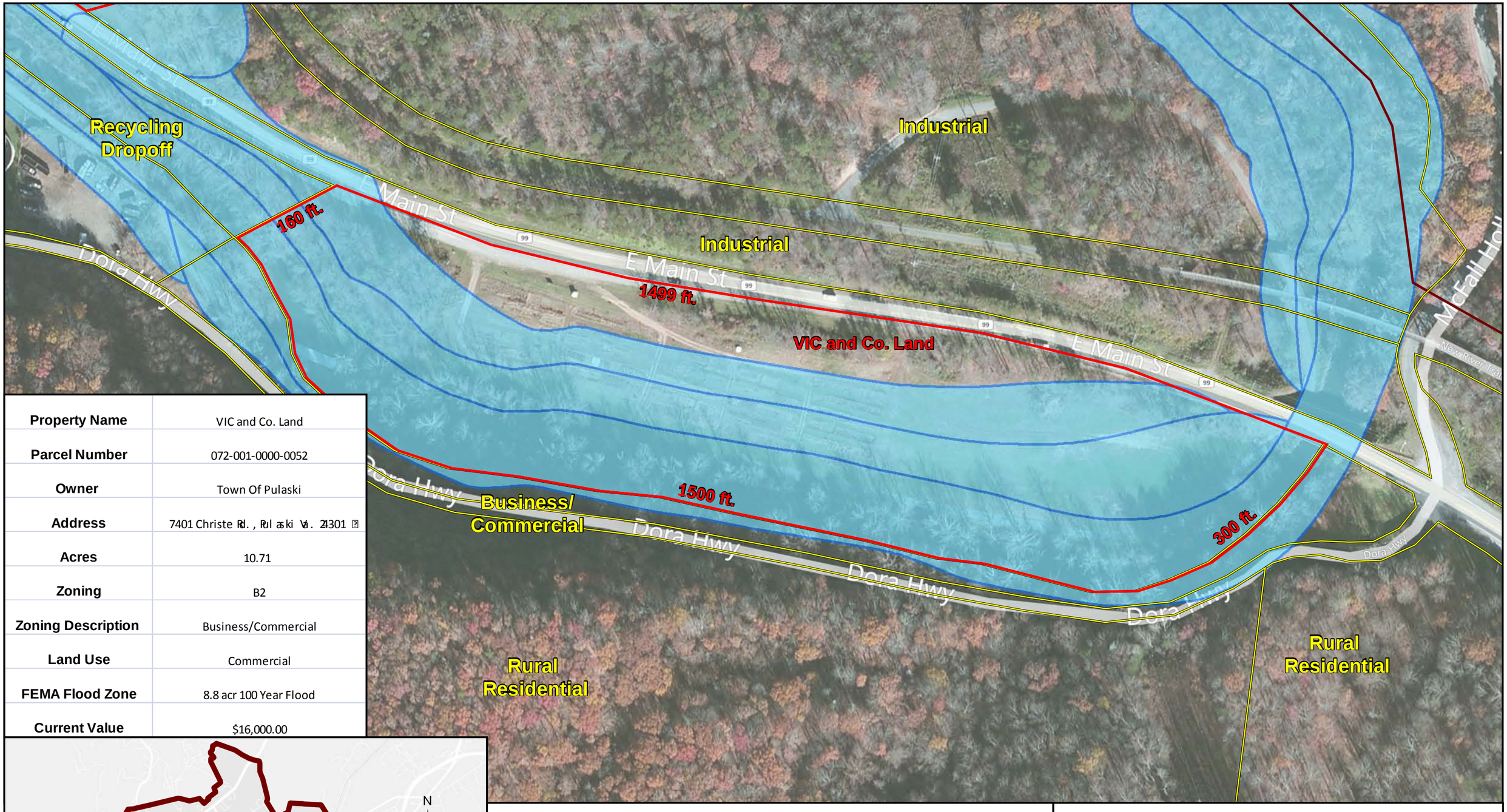
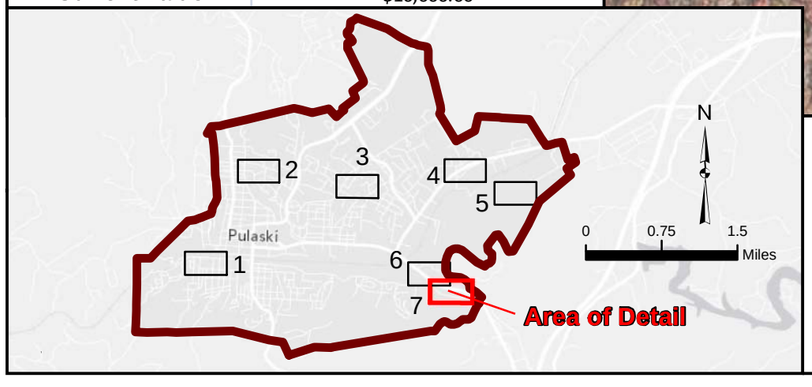


Property Name	VIC and Co. Land
Parcel Number	072-001-0000-0052
Owner	Town Of Pulaski
Address	7401 Christe Rd. , Pulaski Va. 24301
Acres	10.71
Zoning	B2
Zoning Description	Business/Commercial
Land Use	Commercial
FEMA Flood Zone	8.8 acr 100 Year Flood
Current Value	$16,000.00



- Candidate Property Biundary
- Pulaski Property Boundaries
- Flood Zones
- Pulaski Town Boundary
- Detail Map Area

Pulaski Facility Feasibility Study

N

0 67.5 135 Feet

October 5, 2012

Maintenance Facilities
Property Candidate 7 - Detail

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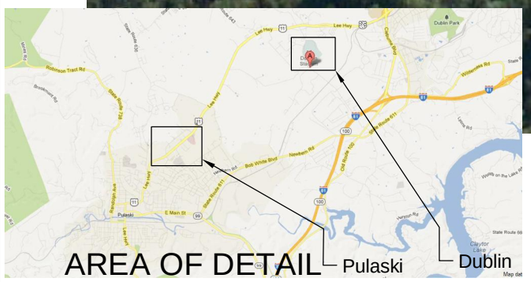

PRELIMINARY
NOT FOR CONSTRUCTION

AECOM

Pulaski Area Transit
Feasibility Study
Conceptual Site Plan

SITE 8

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Date:	Nov. 28, 2012
Dwg. No.	
Sheet No:	1 of 1

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Appendix G. Test-Fit Site Plans

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PRELIMINARY
NOT FOR CONSTRUCTION

AECOM

Pulaski Area Transit
Feasibility Study
Conceptual Site Plan

SITE 3
SCHEME A

Scale: 1" = 50'
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Sheet No: 1 of 1

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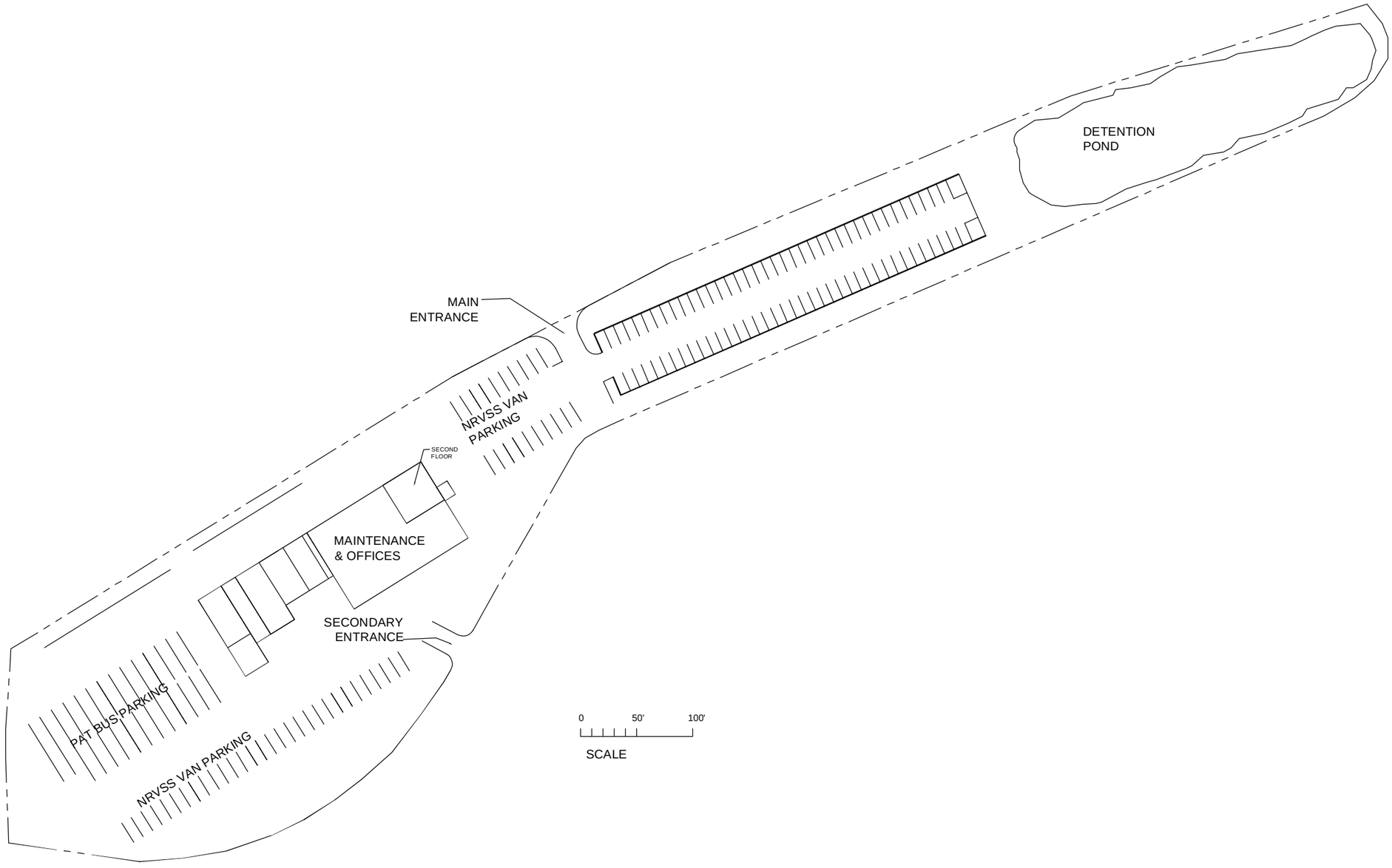

PRELIMINARY
NOT FOR CONSTRUCTION

AECOM

Pulaski Area Transit
Feasibility Study
Conceptual Site Plan

SITE PLAN 4
SCHEME A

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Dwg. No.	
Sheet No:	1 of 1

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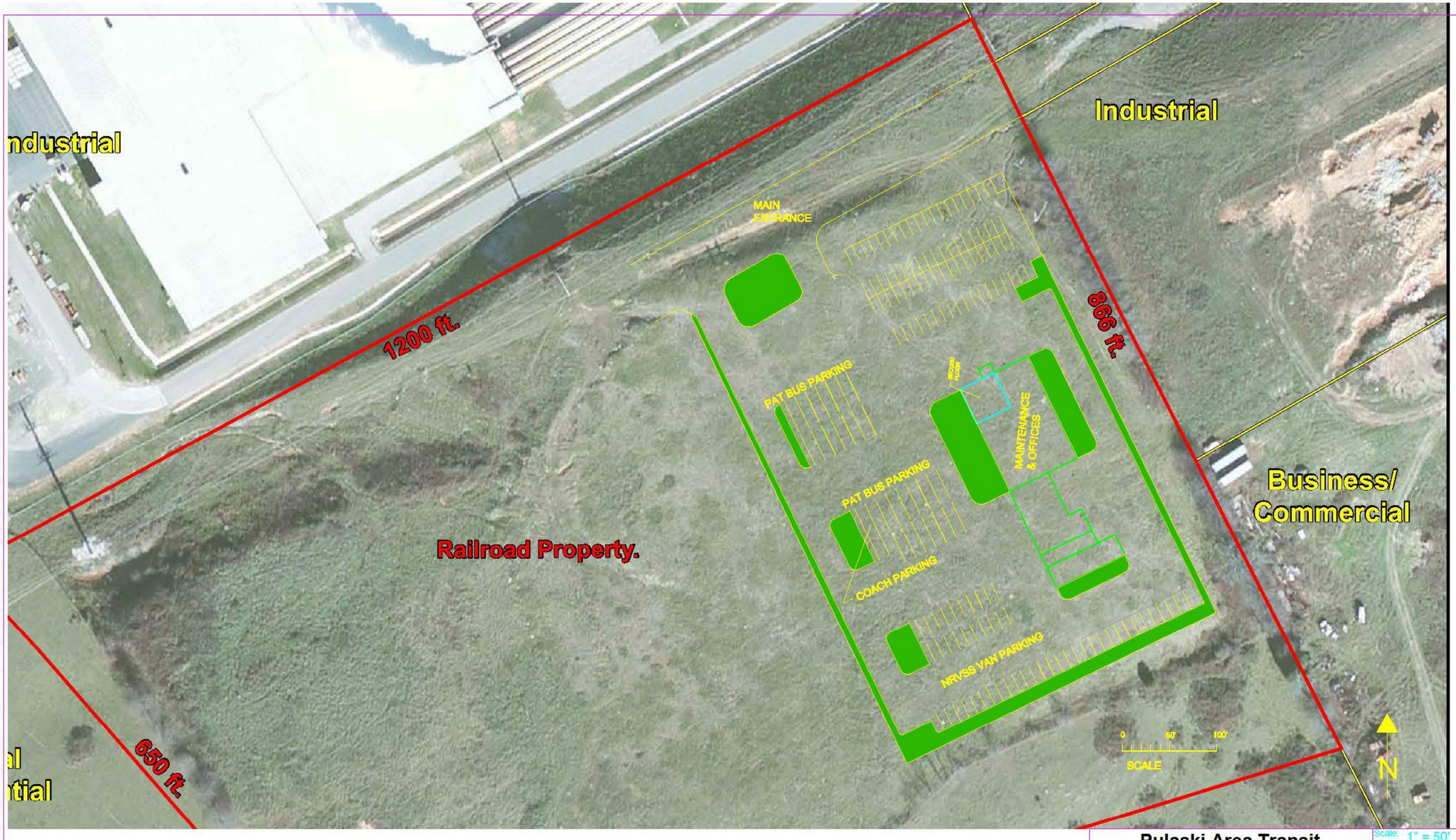

PRELIMINARY
NOT FOR CONSTRUCTION

AECOM

Pulaski Area Transit
Feasibility Study
Conceptual Site Plan

SITE 5
SCHEME B

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Sheet No: 1 of 1

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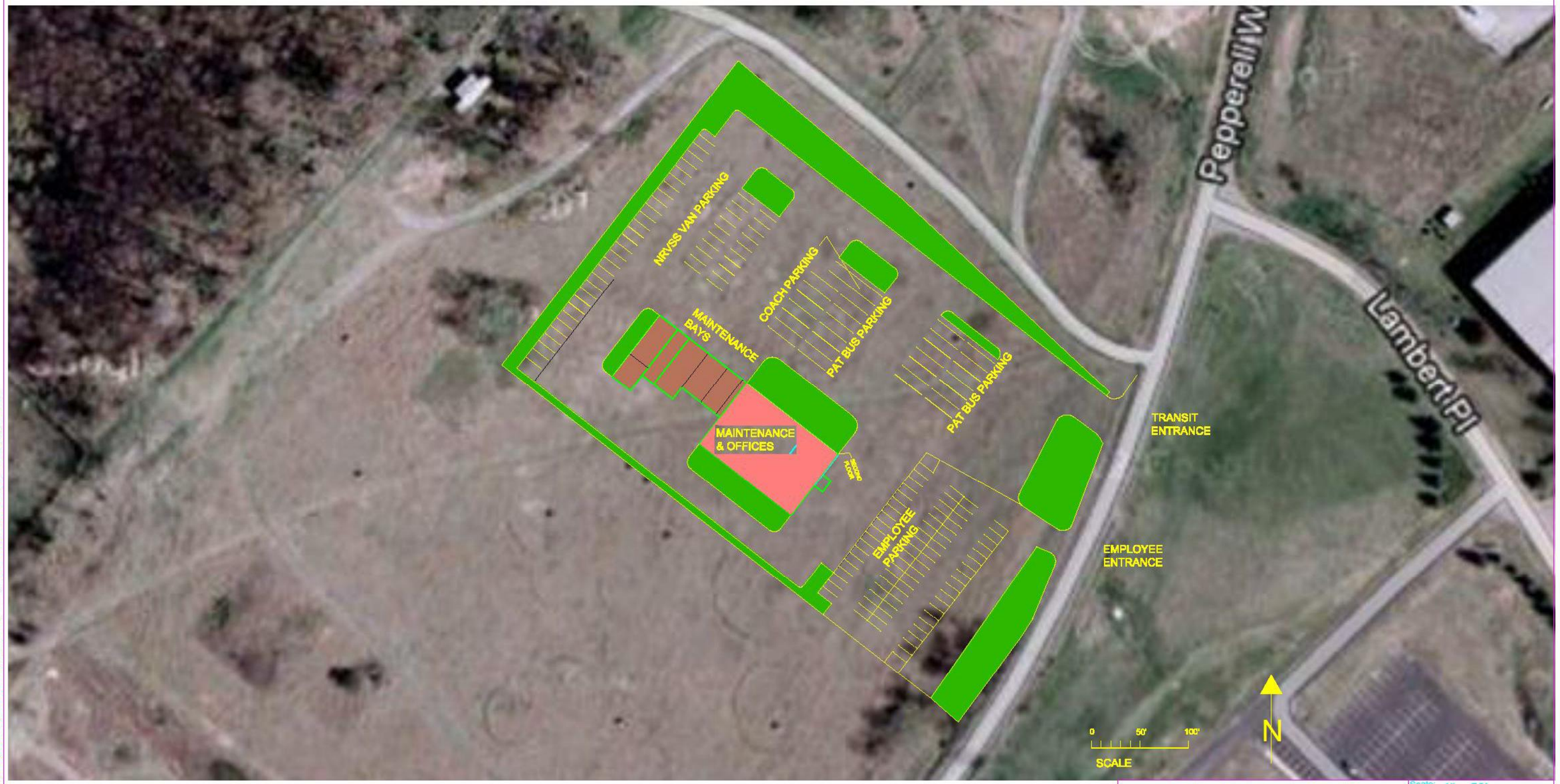

PRELIMINARY
NOT FOR CONSTRUCTION

AECOM

Pulaski Area Transit
Feasibility Study
Conceptual Site Plan

SITE 8
SCHEME A

Scale: 1" = 50'
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Dwg. No.
Sheet No: 1 of 1

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Appendix H. Environmental Review, Site 3, 5, and 6

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Environmental Report 1:

Site 3, Tennis Court Lynwood Street

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Pulaski Feasibility Study - Lynwood St

Pilaski Feasibility Study - Lynwood St
Pulaski, VA 24301

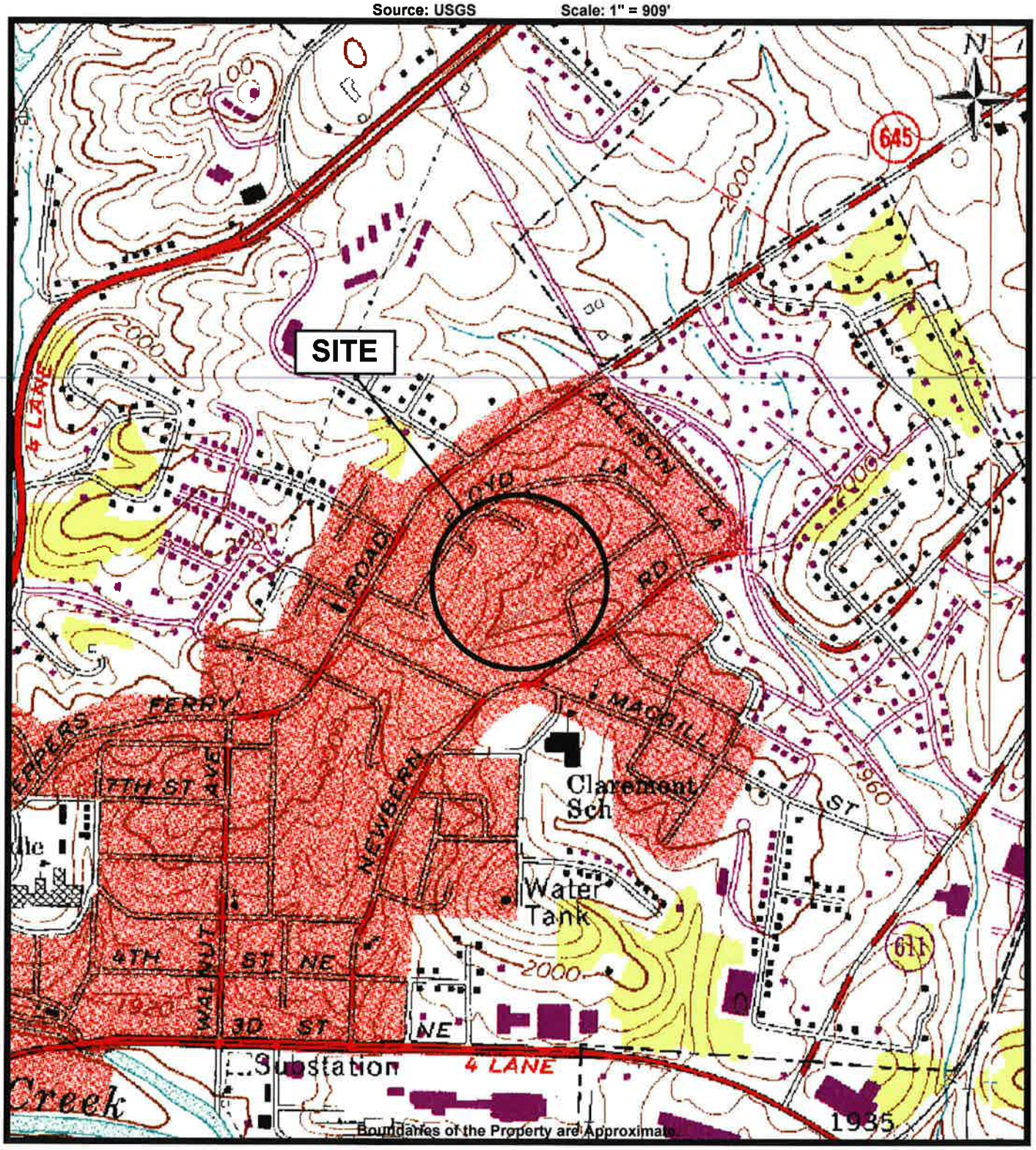
Inquiry Number: 3446155.3
November 02, 2012

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

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

Image Provided by Environmental Data Resources, Inc.
Source: USGS Scale: 1" = 909'

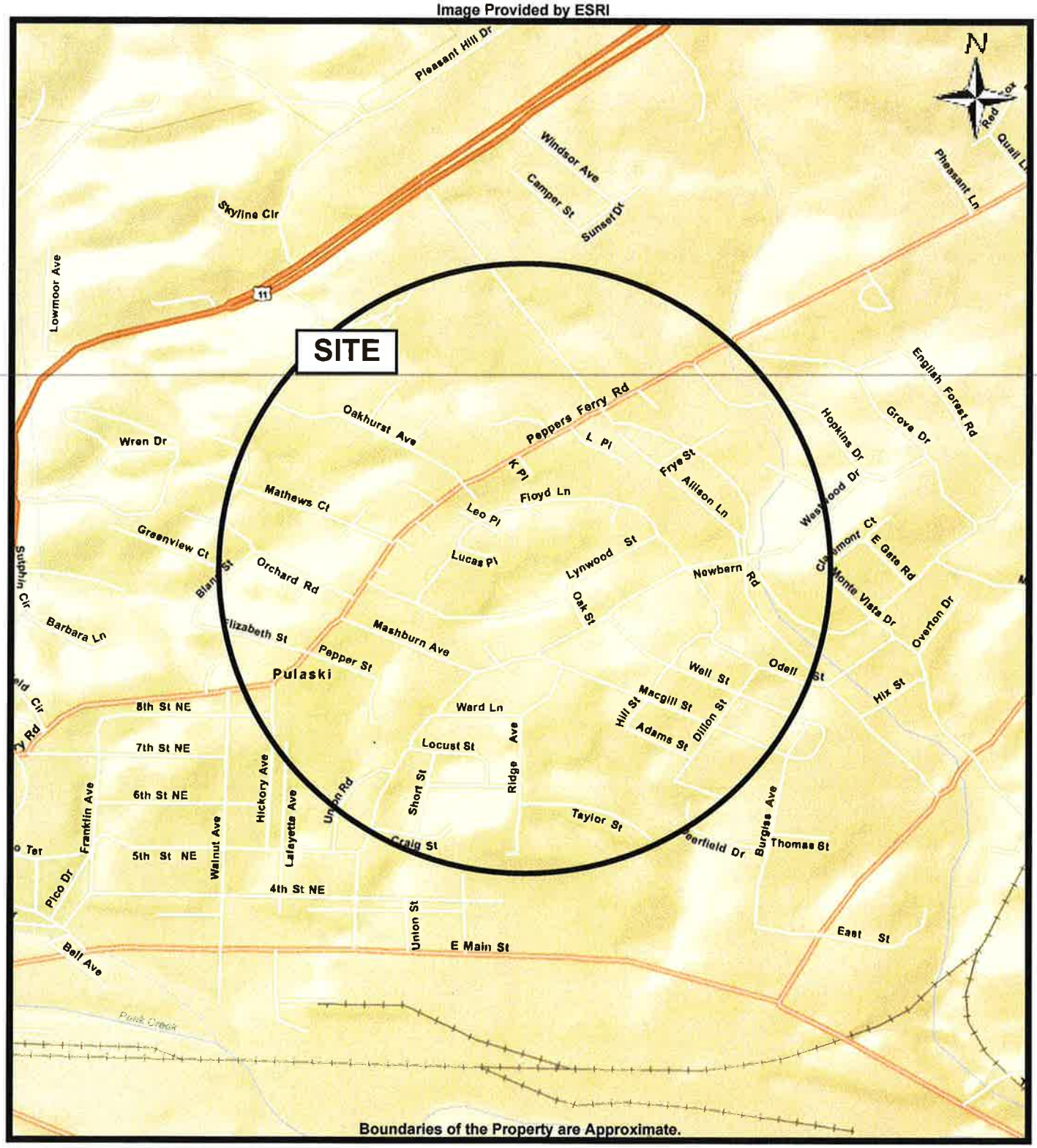


AECOM

SITE LOCATION MAP
3446155 - Pulaski Feasibility Study - Lynwood St
Pilaski Feasibility Study - Lynwood St
Pulaski, VA 24301

PREPARED FOR:
PROJ. MGR: **DATE: 11/02/2012**
DRAWN BY: **PROJ. #: 60272322.1**

Image Provided by ESRI



AECOM

SITE LOCATION MAP
3446155 - Pulaski Feasibility Study - Lynwood St
Pilaski Feasibility Study - Lynwood St
Pulaski, VA 24301

PREPARED FOR:
PROJ. MGR:
DRAWN BY:
DATE: 11/02/2012
PROJ. #: 60272322.1

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Pulaski Feasibility Study - Lynwood St
Pilaski Feasibility Study - Lynwood St
Pulaski, VA 24301

Inquiry Number: 3446155.4
November 02, 2012

EDR Historical Topographic Map Report

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www.edrnet.com

EDR Historical Topographic Map Report

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

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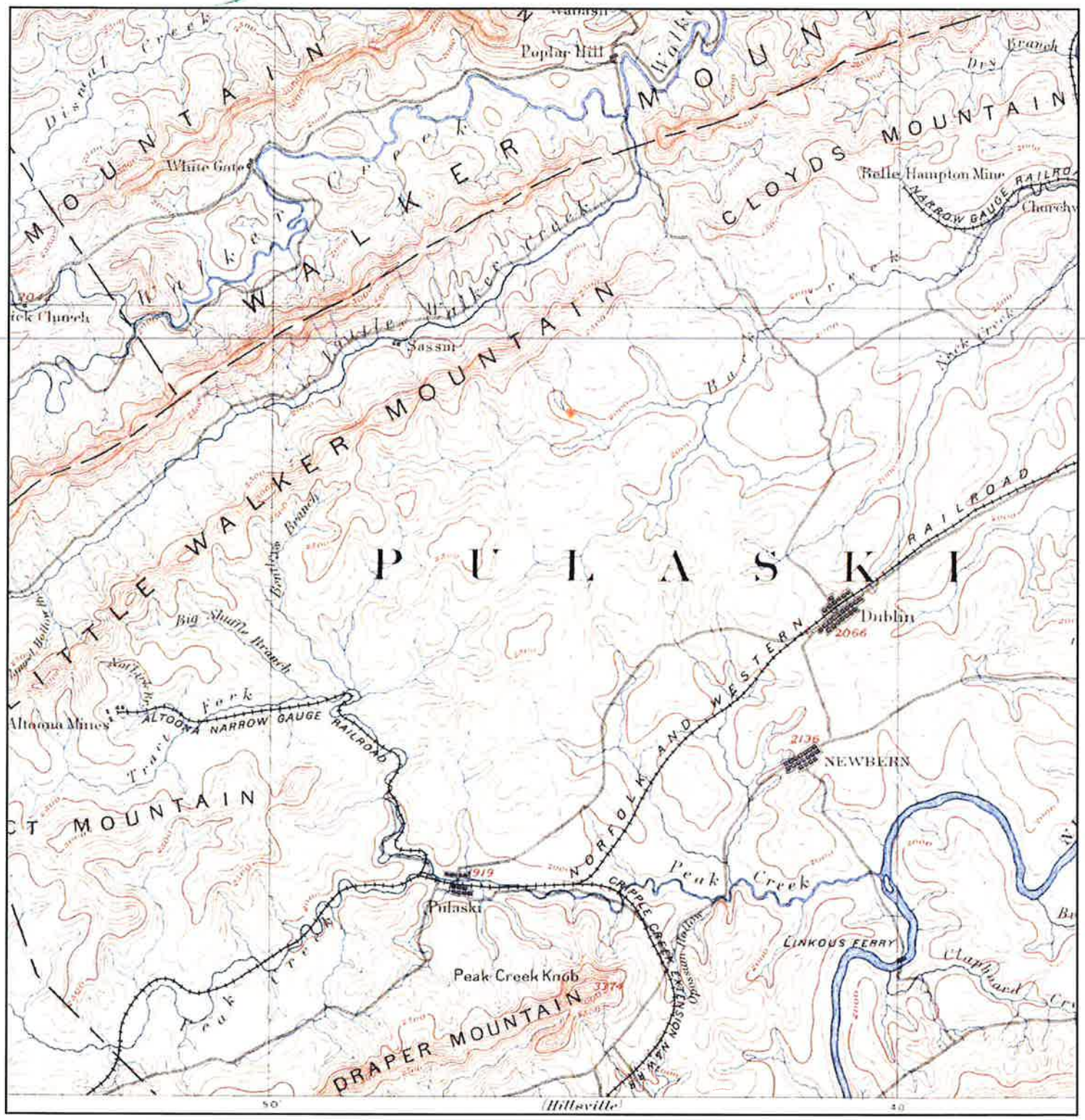
Historical Topographic Map



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Historical Topographic Map

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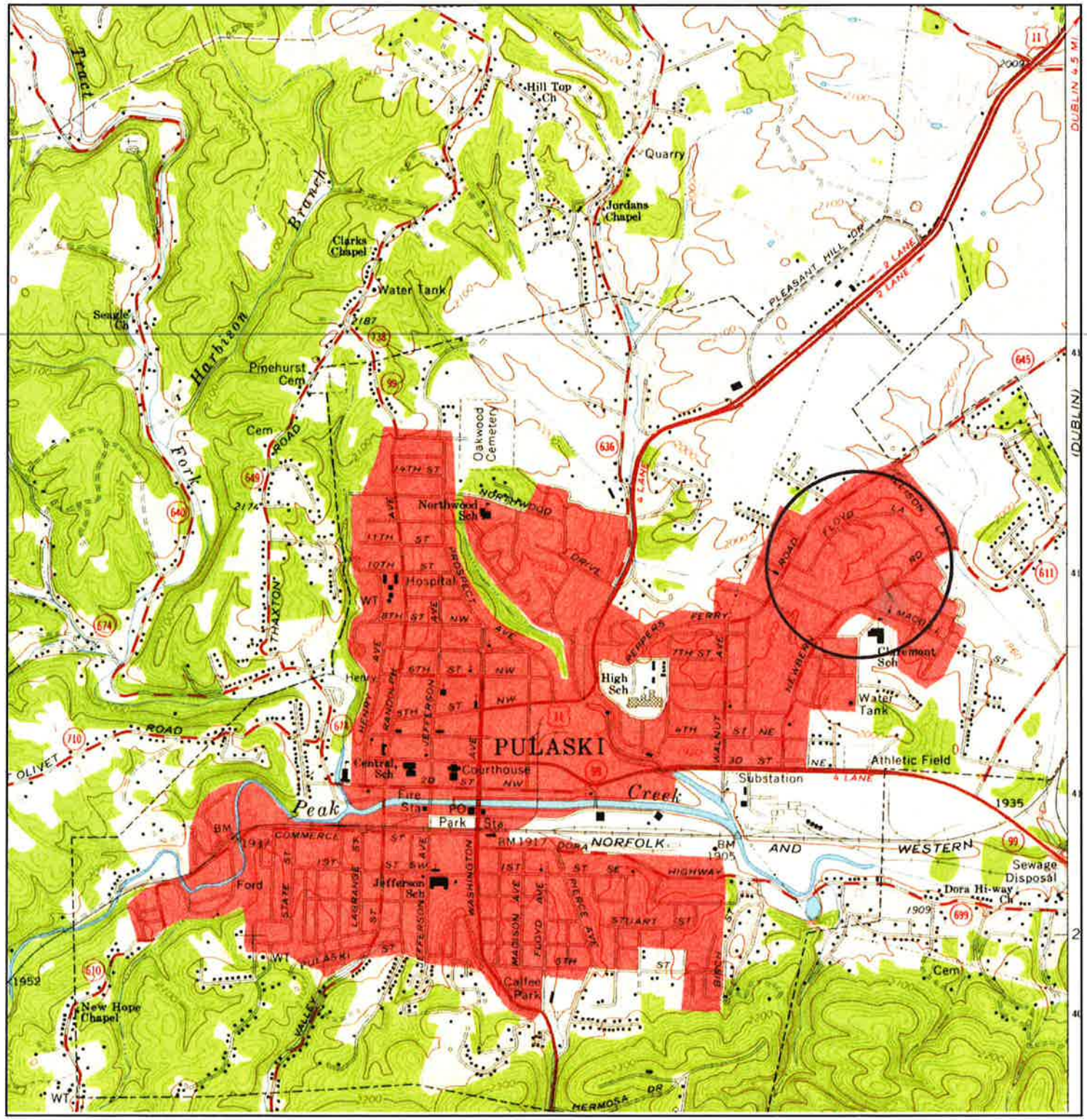
Historical Topographic Map



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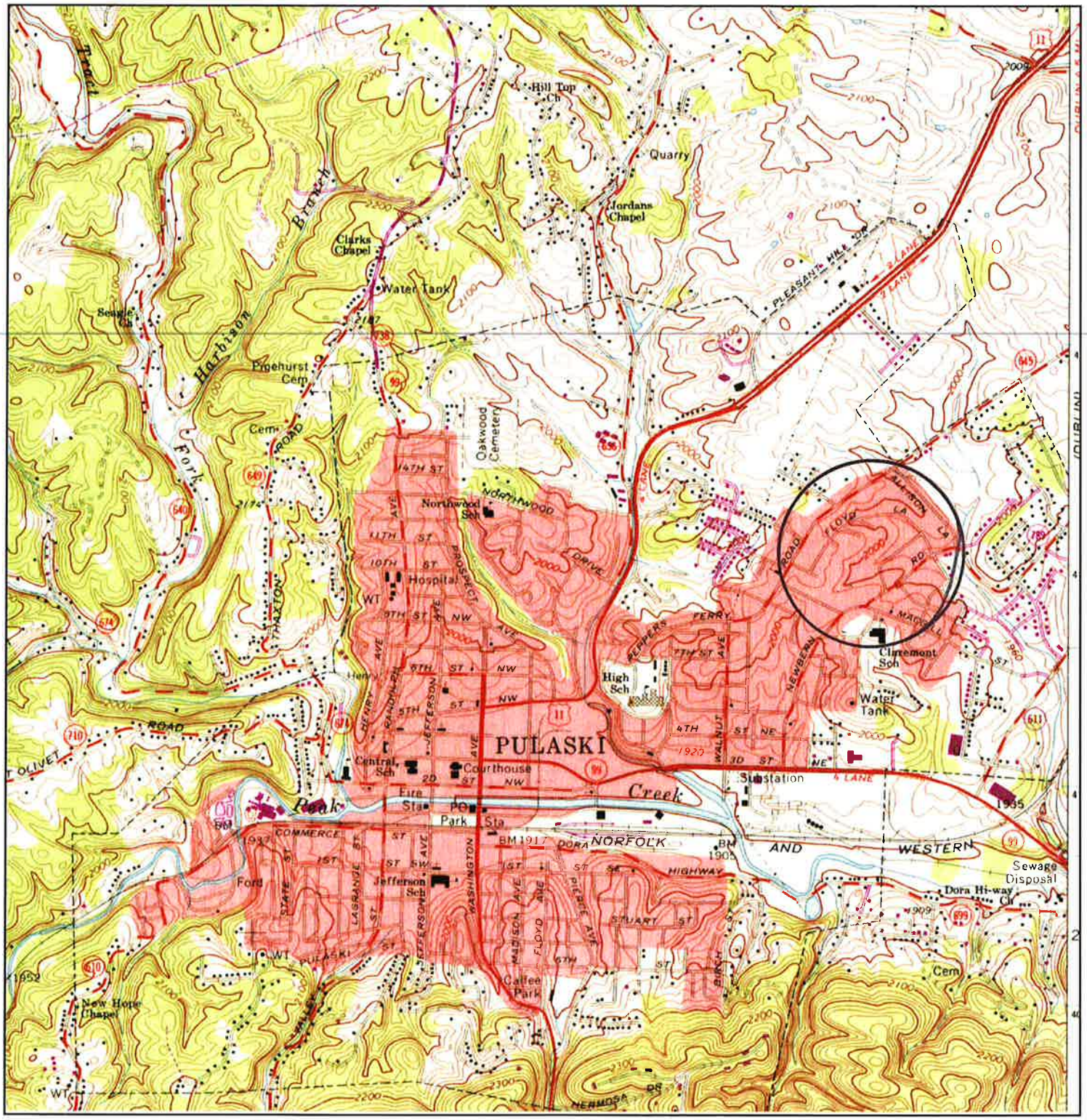
Historical Topographic Map



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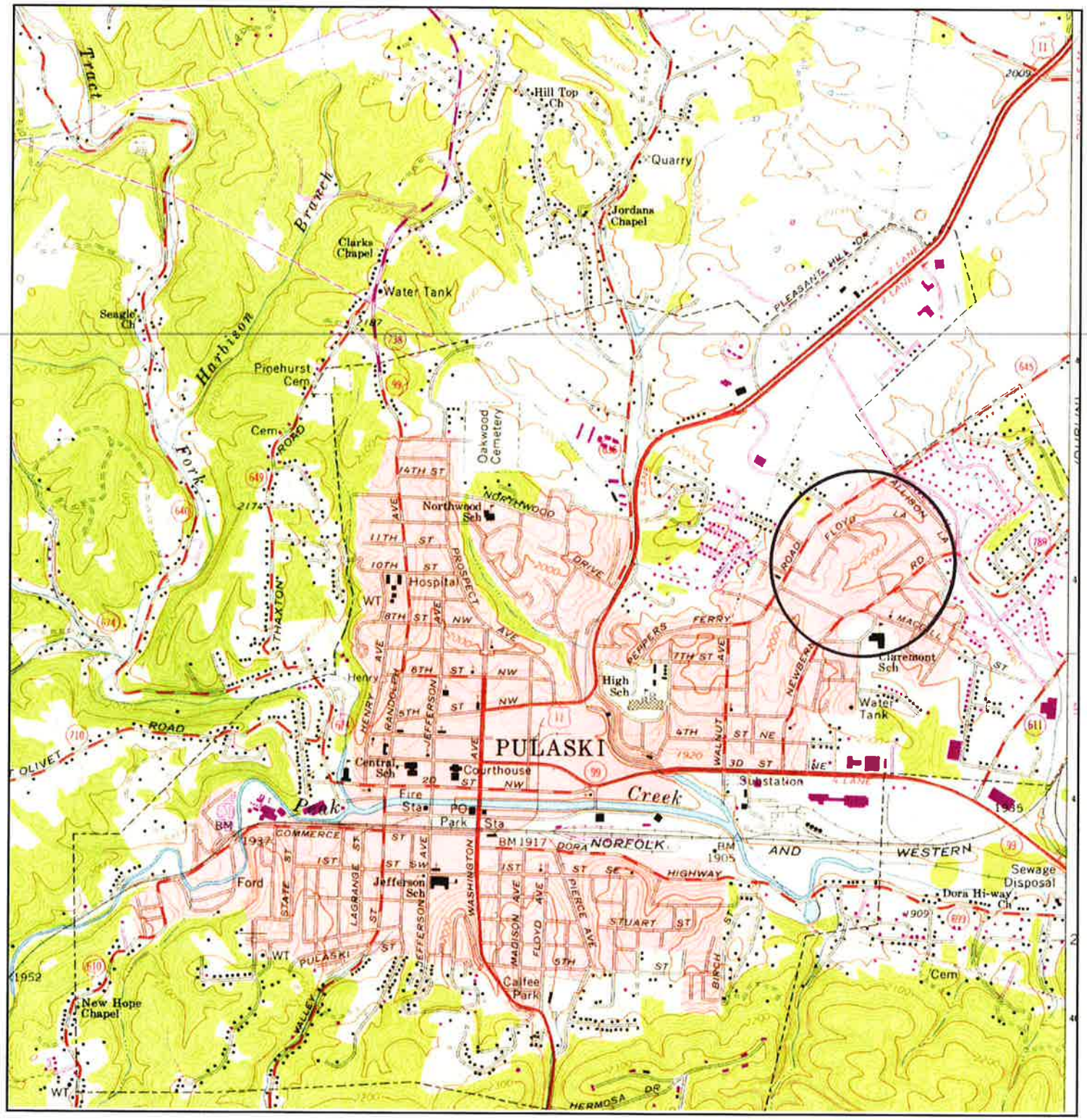
Historical Topographic Map



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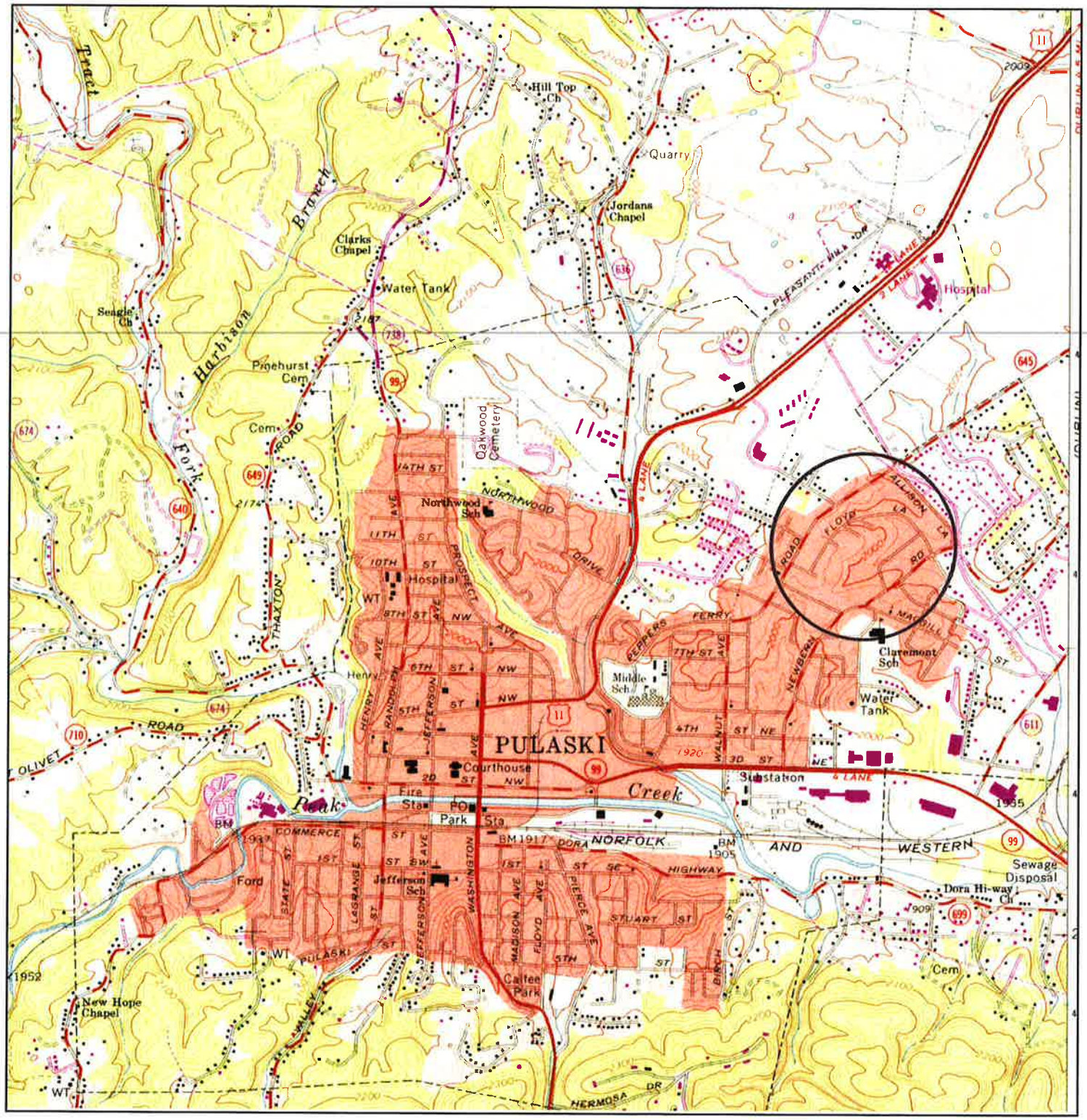
Historical Topographic Map



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Pulaski Feasibility Study - Lynwood St

Pilaski Feasibility Study - Lynwood St

Pulaski, VA 24301

Inquiry Number: 3446155.5

November 09, 2012

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

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

Date EDR Searched Historical Sources:
Aerial Photography November 09, 2012

Target Property:
Pilaski Feasibility Study - Lynwood St
Pulaski, VA 24301

Year	*Scale*	*Details*	*Source*
1949	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A7, Pulaski, VA;/Flight Date: March 29, 1949	EDR
1960	Aerial Photograph. Scale: 1"=1000'	Panel #: 37080-A7, Pulaski, VA;/Flight Date: October 13, 1960	EDR
1963	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A7, Pulaski, VA;/Flight Date: March 18, 1963	EDR
1970	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A7, Pulaski, VA;/Flight Date: May 19, 1970	EDR
1972	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A7, Pulaski, VA;/Flight Date: January 12, 1972	EDR
1990	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A7, Pulaski, VA;/Flight Date: April 27, 1990	EDR
1999	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A7, Pulaski, VA;/Flight Date: May 02, 1999	EDR
2001,2000	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A7, Pulaski, VA;/Composite DOQQ - acquisition dates: April 23, 2001,March 31, 2000	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A7, Pulaski, VA;/Flight Year: 2005	EDR
2008	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A7, Pulaski, VA;/Flight Year: 2008	EDR

INQUIRY #: 3446155.5
YEAR: 1949
= 500'
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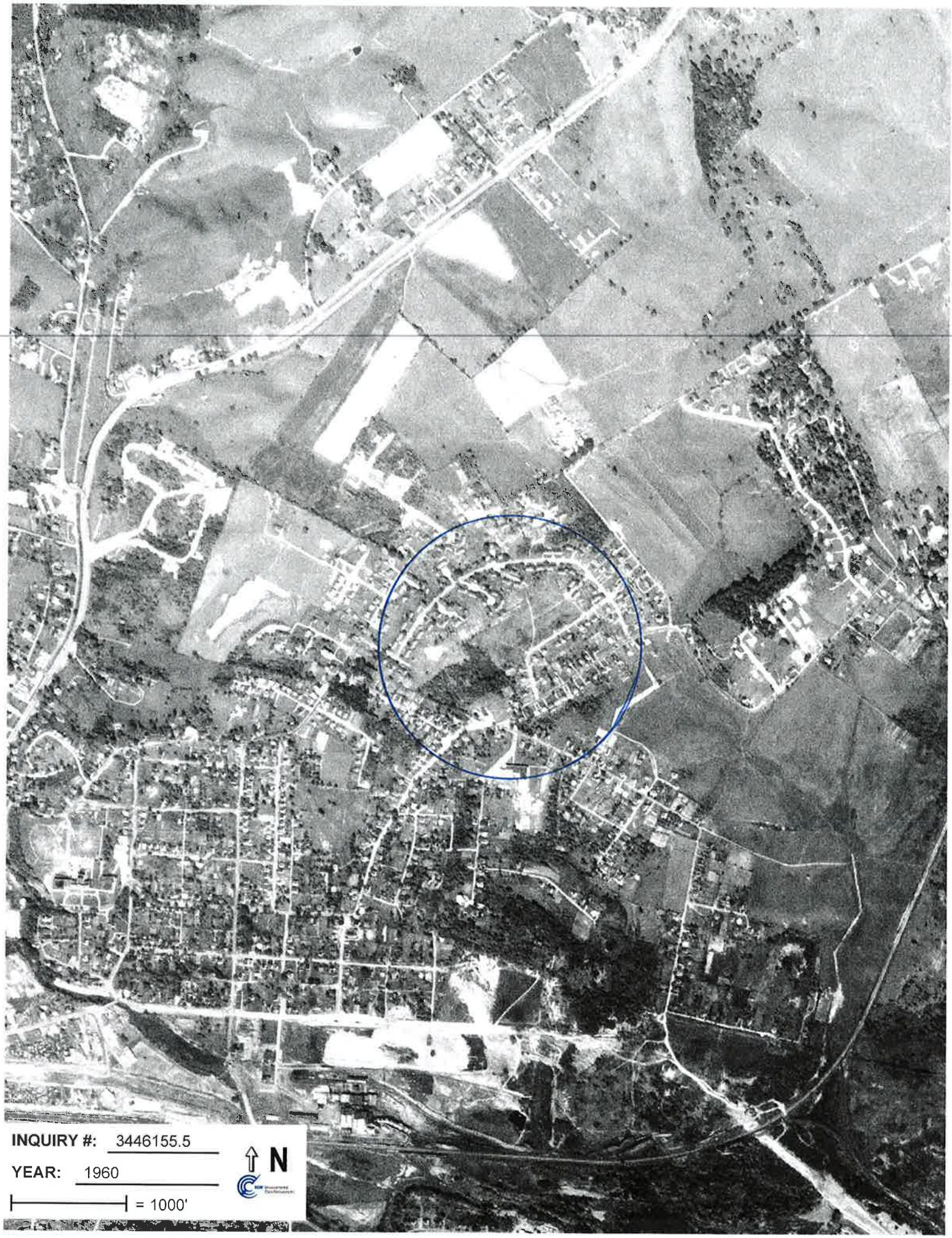
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YEAR: 1960
= 1000'
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INQUIRY #: 3446155.5
YEAR: 1963
= 750'
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INQUIRY #: 3446155.5
YEAR: 1970
= 500'
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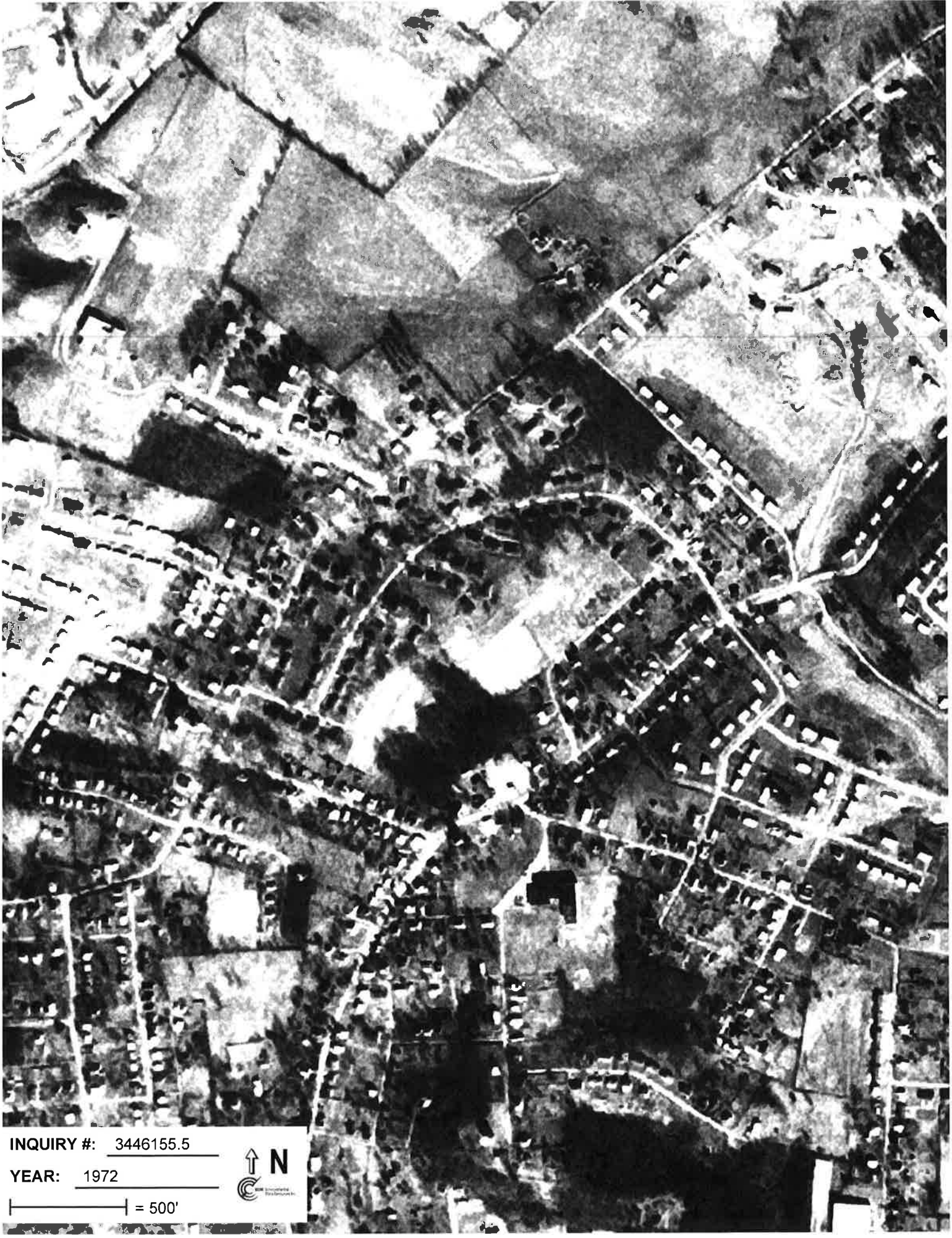
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YEAR: 1972
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YEAR: 1990
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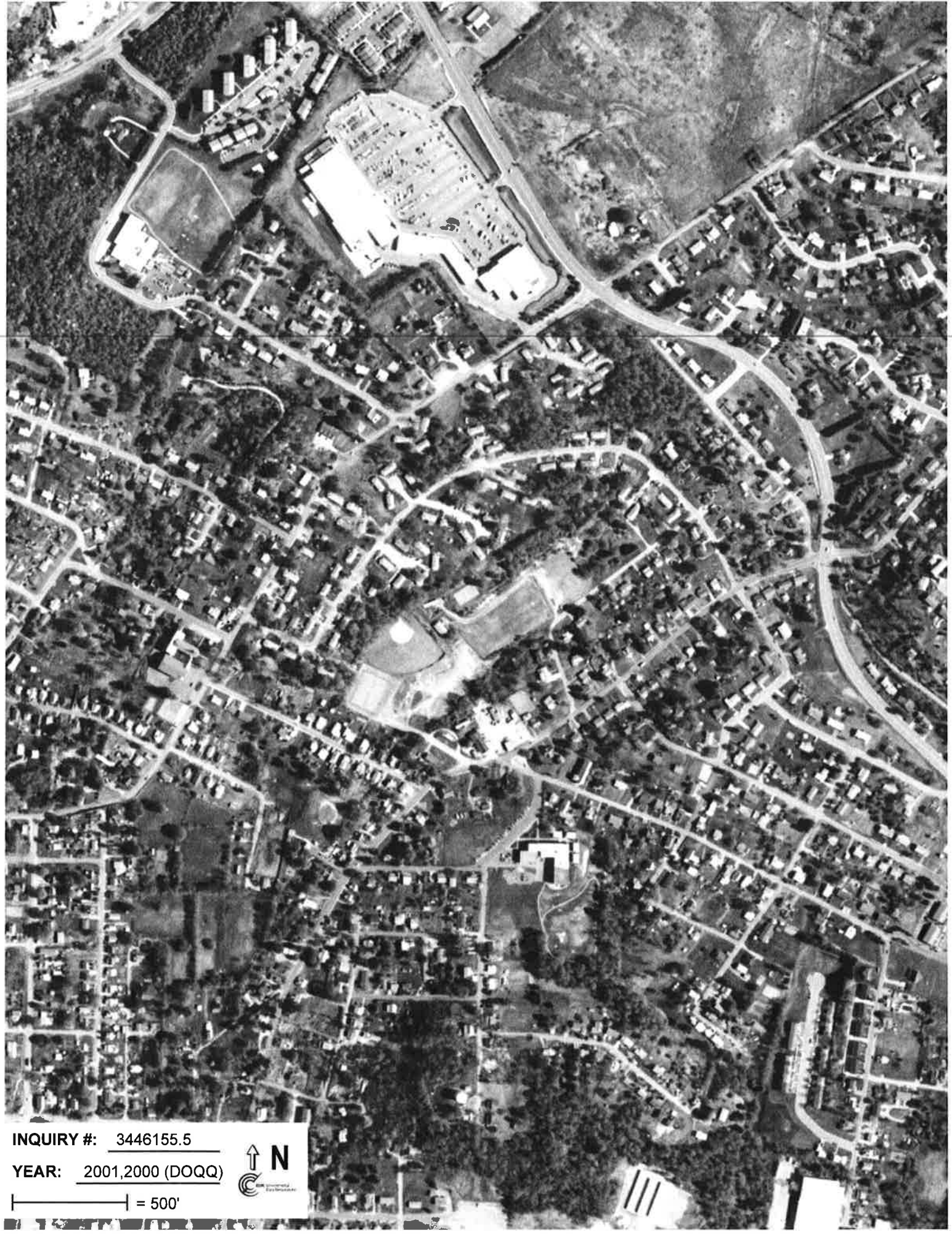
INQUIRY #: 3446155.5
YEAR: 1999
= 750'
N


INQUIRY #: 3446155.5
YEAR: 2001,2000 (DOQQ)
= 500'
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INQUIRY #: 3446155.5
YEAR: 2005
= 500'
N

INQUIRY #: 3446155.5
YEAR: 2008
= 500'
N

Pulaski Feasibility Study - Lynwood St
Pilaski Feasibility Study - Lynwood St
Pulaski, VA 24301

Inquiry Number: 3446155.8s
November 02, 2012

EDR NEPACheck®

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Toll Free: 800.352.0050
www.edrnet.com

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR NEPACheck® DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

Section	Regulation
Natural Areas Map	
• Federal Lands Data:	
- Officially designated wilderness areas	47 CFR 1.1307(1)
- Officially designated wildlife preserves, sanctuaries and refuges	47 CFR 1.1307(2)
- Wild and scenic rivers	40 CFR 6.302(e)
- Fish and Wildlife	40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	47 CFR 1.1307(3); 40 CFR 6.302
Historic Sites Map	
• National Register of Historic Places • State Historic Places (where available) • Indian Reservations	47 CFR 1.1307(4); 40 CFR 6.302
Flood Plain Map	
• National Flood Plain Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302
Wetlands Map	
• National Wetlands Inventory Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302
FCC & FAA Map	
• FCC antenna/tower sites, FAA Markings and Obstructions, Airports, Topographic gradient	47 CFR 1.1307(8)

Key Contacts and Government Records Searched

MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 24 of this report.

TARGET PROPERTY ADDRESS

PULASKI FEASIBILITY STUDY - LYNWOOD ST
PILASKI FEASIBILITY STUDY - LYNWOOD ST
PULASKI, VA 24301

Inquiry #: 3446155.8s
Date: 11/2/12

TARGET PROPERTY COORDINATES

Latitude (North):	37.056999 - 37° 3' 25.2"
Longitude (West):	80.760597 - 80° 45' 38.2"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	521285.5
UTM Y (Meters):	4101019.0

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
NATURAL AREAS MAP				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	VA Endangered Species	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A
HISTORIC SITES MAP				
1.1307a (4) Listed or eligible for National Register	VA Historic Sites	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	YES	NO
	Indian Reservation	1.00	NO	NO
	APPAL_TRAIL	1.00	NO	NO
FLOODPLAIN MAP				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	NO
WETLANDS MAP				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	NO
FCC & FAA SITES MAP				
	Cellular	1.00	NO	NO
	4G Cellular	1.00	NO	NO
	Antenna Structure Registration	1.00	YES	NO
	Towers	1.00	NO	NO
	AM Antenna	1.00	NO	NO
	FM Antenna	1.00	NO	NO
	FAA DOF	1.00	YES	NO
	Airports	1.00	NO	---
	Power Lines	1.00	YES	---

Natural Areas Map

- ★ Target Property
- Roads
- County Boundary
- Waterways
- Water
- Locations
- Federal Areas
- Federal Linear Features
- State Areas
- State Linear Features

SITE NAME:	Pulaski Feasibility Study - Lynwood St	CLIENT:	AECOM
ADDRESS:	Pilaski Feasibility Study - Lynwood St Pulaski VA 24301	CONTACT:	Brendan Mcguinness
LAT/LONG:	37.057 / 80.7606	INQUIRY #:	3446155.8s
		DATE:	November 2, 2012

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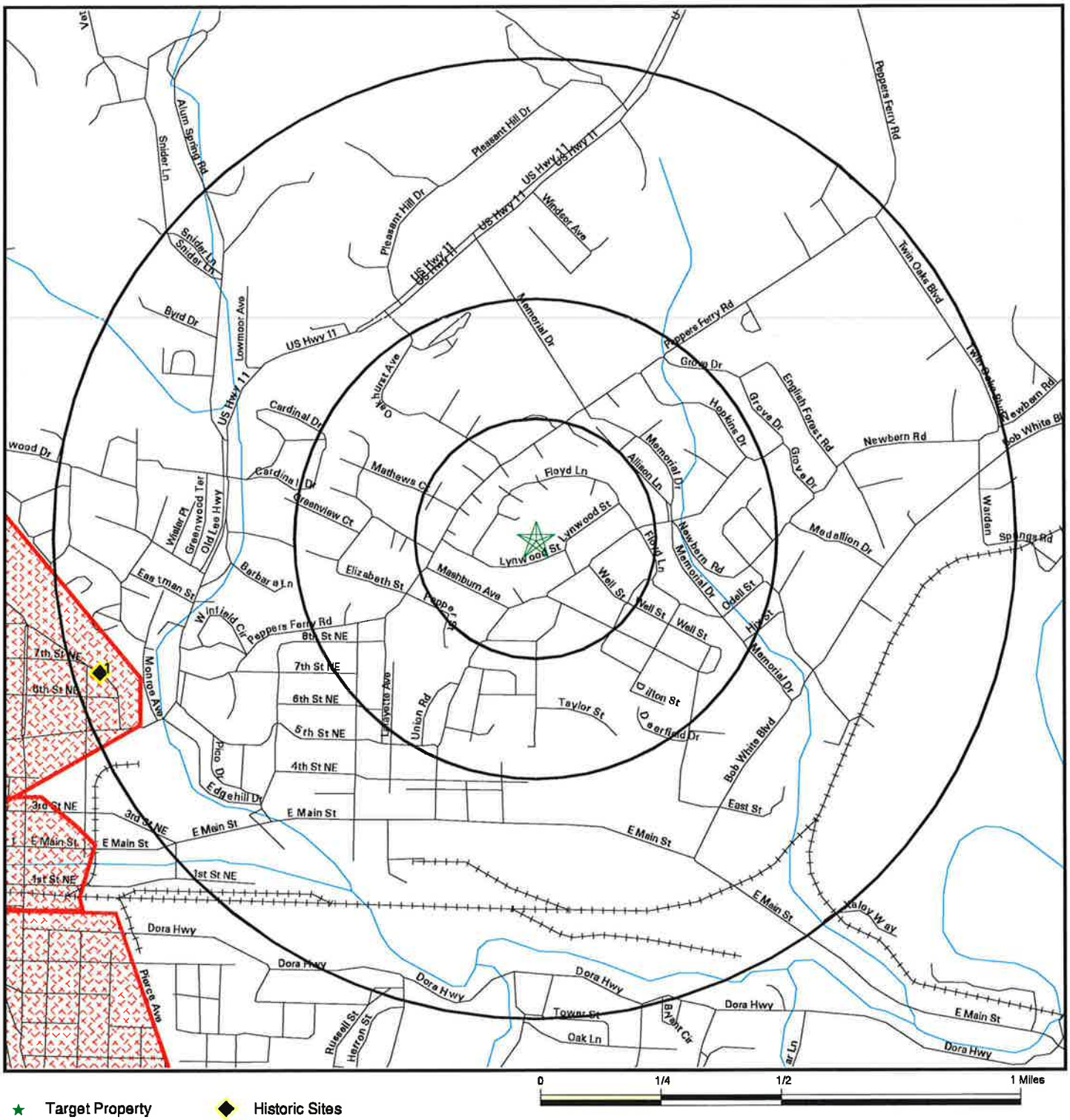
NATURAL AREAS MAP FINDINGS

Endangered Species Listed for: PULASKI County, VA.
Source: EPA Endangered Species Protection Program Database
PLANT: CONEFLOWER, SMOOTH
SNAIL: SNAIL, VIRGINIA FRINGED MOUNTAIN

Map ID Direction Distance Distance (ft.)	EDR ID Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

Historic Sites Map



★ Target Property
Streets
County Boundary
Waterways
Water
◆ Historic Sites
Federal Historic Areas
State Historic Areas
US Indian Reservations
Scenic Trail

SITE NAME:	Pulaski Feasibility Study - Lynwood St	CLIENT:	AECOM
ADDRESS:	Pilaski Feasibility Study - Lynwood St Pulaski VA 24301	CONTACT:	Brendan Mcguinness
LAT/LONG:	37.057 / 80.7606	INQUIRY #:	3446155.8s
		DATE:	November 2, 2012

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HISTORIC SITES MAP FINDINGS

Map ID Direction Distance Distance (ft.)			EDR ID Database
1 WSW 1/2-1 mi 4583			88001216 National Register of Hist. Places
	Resname:	Pulaski Historic Residential District	
	Address:	Roughly bounded by Eleventh St., Prospect, Madison and Washington Aves., Second St., and Henry Ave.	
	City:	Pulaski	
	Vicinity:	Not Reported	
	County:	Pulaski	
	State:	VIRGINIA	
	Certdate:	19880811	
	Multname:	Not Reported	
	Acre:	145.0+	

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Unmappable
00001432
National Register of Hist. Places

Resname:	Calfee Athletic Field
Address:	Washington and Pierce Aves., SE
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	20001122
Multname:	Not Reported
Acre:	15.0+

Unmappable
VA10001274
VA Historic Sites

County:	PULASKI COUNTY
Name:	DALTON THEATRE BUILDING
City:	Pulaski
Site desc1:	Designed by James C. Lombard and Co. of Washington, D.C., and opened in 1921, the Dalton Theatre followed the prototype theater design of Louis Sullivan's Auditorium Theatre in Chicago, in which the theater section is fronted by an office building. I
Site desc2:	ts original owner was the firm of Dalton Brothers and Richardson. The plain, businesslike exterior contrasted with rich plasterwork decorations of the theater interior, which collapsed in a flood over a decade ago. The original tenants of the shop fr
Site desc3:	onts were a bank and a drugstore; offices and apartments occupied the upper two floors. The the ater had one of the largest stage areas on the rail line between Richmond and Tennessee and accommodated vaudeville performances in its heyday. Vaudeville
Site desc4:	shows ended by the 1930s, but the theater continued to exhibit films until the mid-1960s.
Site desc5:	Not Reported
Site number:	125-02
Vlr date:	11/15/77
Added date:	05/07/79
Edr id:	VA10001274
Isgeo:	N

Unmappable
VA10001748
VA Historic Sites

County:	WYTHE COUNTY
Name:	MARTIN ARCHAEOLOGICAL SITE
City:	Draper vicinity
Site desc1:	On the banks of the New River, this Indian site was occupied during the Late Woodland period (A.D. 900-1600). Test excavations on the site

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Site desc2:	have established the presence of an Indian village, probably consisting of a cluster of domelike structures and perhaps enclosed by a palisade. Evidence of a succession of earlier occupations is preserved in the stratigraphy beneath the village remains. Artifacts found on the site include pottery sherds, stone tools, ceramic and shell trade items, and floral
Site desc3:	and faunal remains. A rare shell gorget is among the more interesting items to have been unearthed.
Site desc4:	Not Reported
Site desc5:	Not Reported
Site number:	98-46
Vlr date:	04/16/74
Added date:	08/13/74
Edr id:	VA10001748
Isgeo:	N

Unmappable
86000405
National Register of Hist. Places

Resname:	Pulaski Historic Commercial District
Address:	Roughly bounded by Third St., Madison Ave., Norfolk & Western RR tracks, and Randolph Ave.
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	19860313
Multname:	Not Reported
Acre:	46.0+

Unmappable
88001216
National Register of Hist. Places

Resname:	Pulaski Historic Residential District
Address:	Roughly bounded by Eleventh St., Prospect, Madison and Washington Aves., Second St., and Henry Ave.
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	19880811
Multname:	Not Reported
Acre:	145.0+

Unmappable
91001580
National Register of Hist. Places

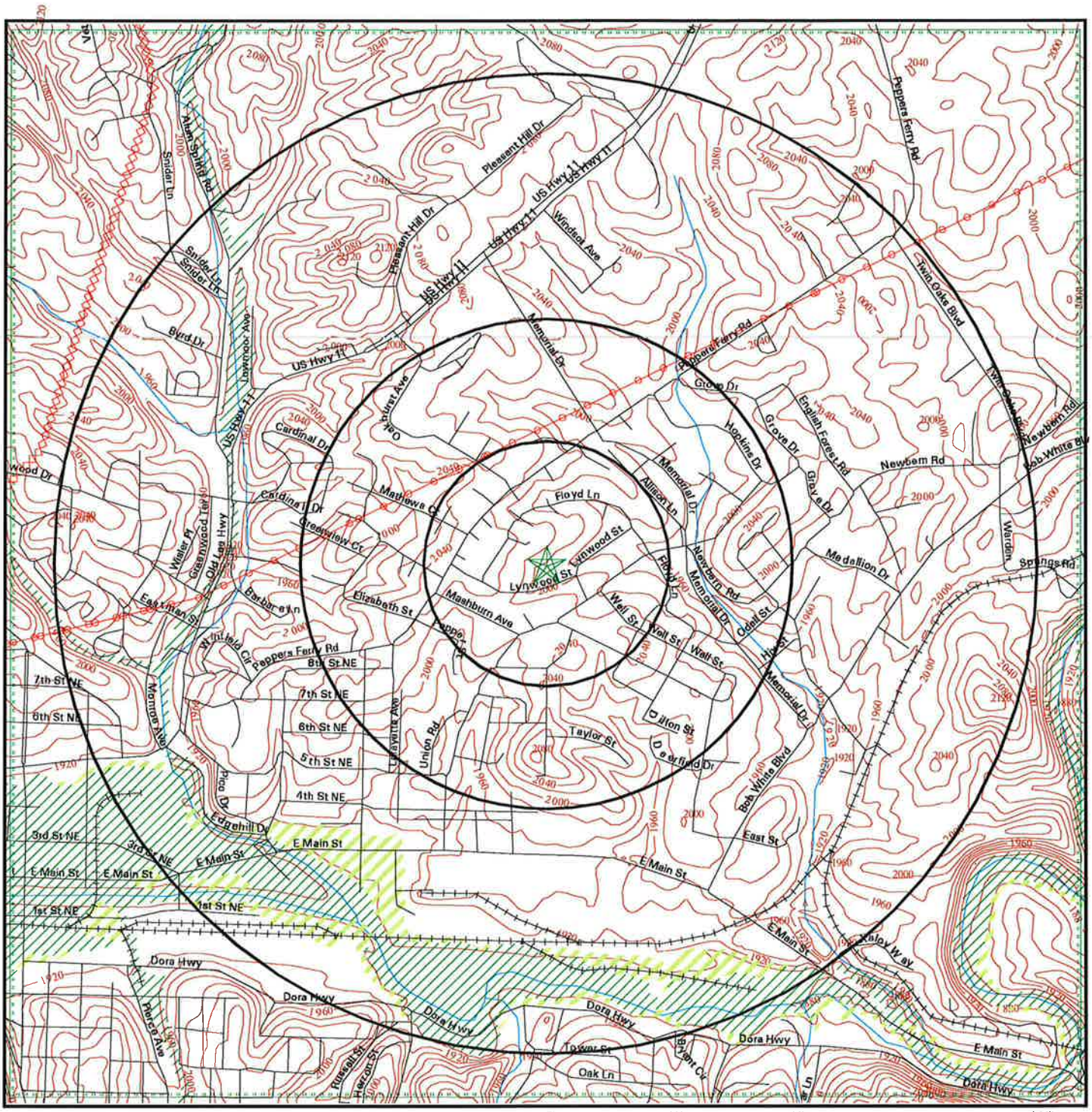
UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Resname:	Pulaski South Historic Residential and Industrial District
Address:	Roughly bounded by Bertha St., Commerce St., Pierce Ave., 5th St. and Pulaski St.
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	19911029
Multname:	Not Reported
Acre:	112.0+

Flood Plain Map



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LAT/LONG:	37.057 / 80.7606	INQUIRY #:	3446155.8s
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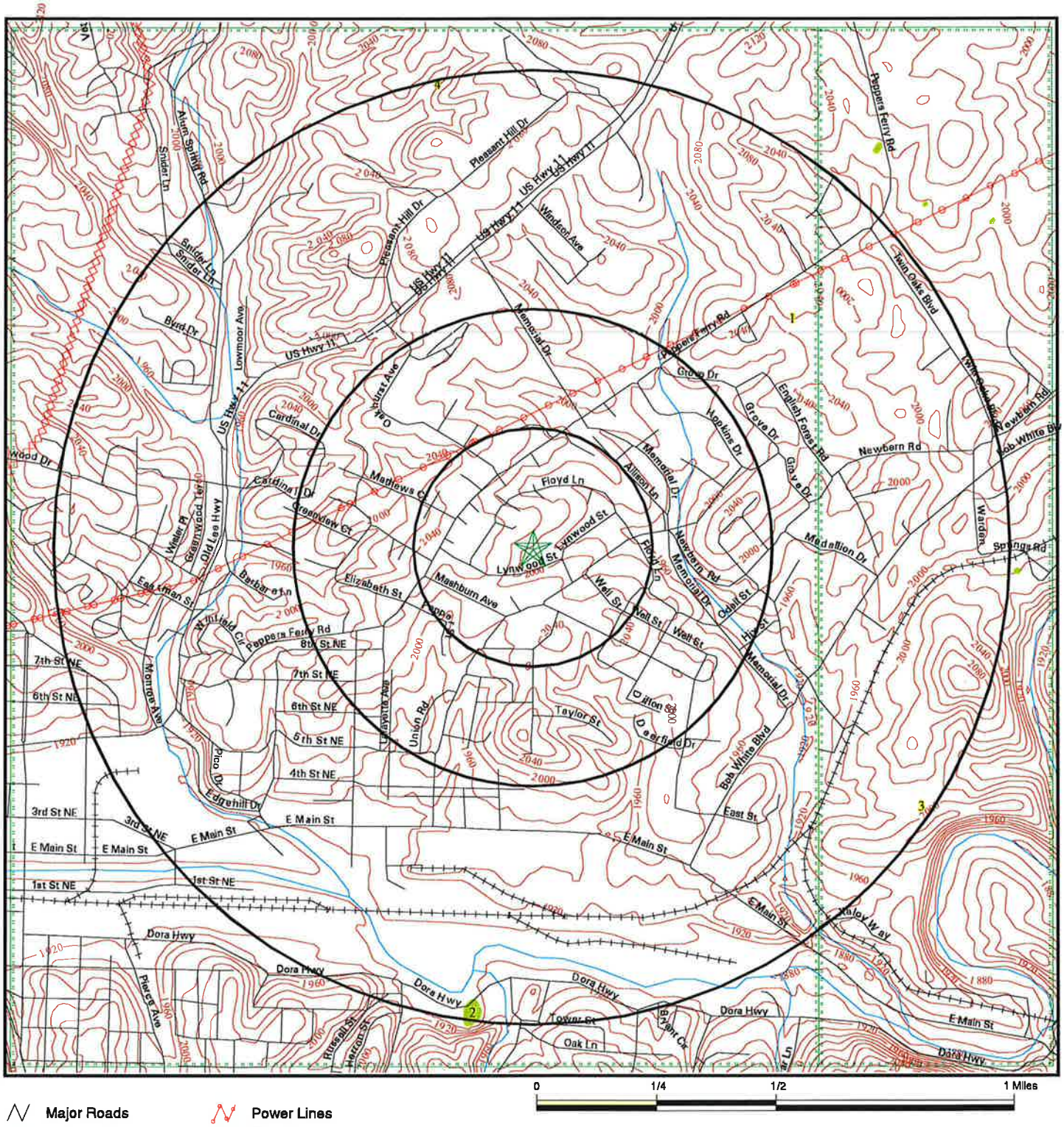
FLOOD PLAIN MAP FINDINGS

Source: FEMA DFIRM Flood Data, FEMA Q3 Flood Data

County	FEMA flood data electronic coverage
PULASKI, VA	YES
Flood Plain panel at target property:	51155C (FEMA DFIRM Flood data)
Additional Flood Plain panel(s) in search area:	None Reported

National Wetlands Inventory Map



- Major Roads
- Contour Lines
- Waterways
- County Boundary
- Power Lines
- Pipe Lines
- Fault Lines
- Water
- National Wetlands Inventory
- Electronic NWI data available
- Electronic NWI data not available

SITE NAME:	Pulaski Feasibility Study - Lynwood St	CLIENT:	AECOM
ADDRESS:	Pilaski Feasibility Study - Lynwood St Pulaski VA 24301	CONTACT:	Brendan Mcguinness
LAT/LONG:	37.057 / 80.7606	INQUIRY #:	3446155.8s
		DATE:	November 2, 2012

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WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Pulaski
Additional NWI hardcopy map(s) in search area:
Dublin

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
1 NE 1/2-1 mi 3819	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.064026 / -80.750870	NWI
2 South 1/2-1 mi 5037	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.043278 / -80.762871	NWI
3 ESE 1/2-1 mi 5113	PUSCx [P] Palustrine, [US] Unconsolidated Shore, [C] Seasonally Flooded, [x] Excavated Lat/Lon: 37.049343 / -80.745895	NWI
4 NNW 1/2-1 mi 5231	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.071079 / -80.764198	NWI

*See Wetland Classification System for additional information.

WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

SYSTEM **MARINE**

SUBSYSTEM **1 - SUBTIDAL** **2 - INTERTIDAL**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	

CLASS	AB-AQUATIC BED	RF-REEF	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE
Subclass	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic

SYSTEM **E - ESTUARINE**

SUBSYSTEM **1 - SUBTIDAL**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	

SUBSYSTEM **2 - INTERTIDAL**

CLASS	AB-AQUATIC BED	RF-REEF	SB - STREAMBED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	SS-SCRUB SHRUB	FO-FORESTED
Subclass	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	1 Cobble- Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble- Gravel 2 Sand 3 Mud 4 Organic	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen

SYSTEM — **R - RIVERINE**

SUBSYSTEM	**1 - TIDAL**	**2 - LOWER PERENNIAL**	**3 - UPPER PERENNIAL**	**4 - INTERMITTENT**	**5 - UNKNOWN PERENNIAL**
CLASS	RB-ROCK BOTTOM UB-UNCONSOLIDATED BOTTOM *SB-STREAMBED AB-AQUATIC BED RS-ROCKY SHORE US-UNCONSOLIDATED SHORE **EM-EMERGENT OW-OPEN WATER/ Unknown Bottom				
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent

* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.
**EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM — **L - LACUSTRINE**

SUBSYSTEM — **1 - LIMNETIC**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	

SUBSYSTEM — **2 - LITTORAL**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

SUBSYSTEM — **P - PALUSTRINE**

CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS-LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Bottom									
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6Deciduous 7 Evergreen	

MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME

Non-Tidal

- A Temporarily Flooded
- B Saturated
- C Seasonally Flooded
- D Seasonally Flooded/ Well Drained
- E Seasonally Flooded/ Saturated
- F Semipermanently Flooded
- G Intermittently Exposed
- H Permanently Flooded
- J Intermittently Flooded
- K Artificially Flooded
- W Intermittently Flooded/Temporary
- Y Saturated/Semipermanent/ Seasonal
- Z Intermittently Exposed/Permanent
- U Unknown

Tidal

- K Artificially Flooded
- L Subtidal
- M Irregularly Exposed
- N Regularly Flooded
- P Irregularly Flooded

CoastalHalinityInlandSalinitypHModifiersfor

- *S Temporary-Tidal
- *R Seasonal-Tidal
- *T Semipermanent -Tidal
- V Permanent -Tidal
- U Unknown

*These water regimes are only used in tidally influenced, freshwater systems.

WATER CHEMISTRY

- 1 Hyperhaline
- 2 Euhaline
- 3 Mixohaline (Brackish)
- 4 Polyhaline
- 5 Mesohaline
- 6 Oligohaline
- 0 Fresh
- 7 Hypersaline
- 8 Eusaline
- 9 Mixosaline
- 0 Fresh

all Fresh Water

- a Acid
- t Circumneutral
- i Alkaline

SOIL

- g Organic
- n Mineral

SPECIAL MODIFIERS

- b Beaver
- d Partially Drained/Ditched
- f Farmed
- h Diked/Impounded
- r Artificial Substrate
- s Spoil
- x Excavated

Source: U.S. Department of the Interior
Fish and Wildlife Service
National Wetlands Inventory

FCC & FAA Sites Map

Streets
Contour Lines
County Boundary
Waterways
Power Lines
Water
Sites

SITE NAME:	Pulaski Feasibility Study - Lynwood St	CLIENT:	AECOM
ADDRESS:	Pilaski Feasibility Study - Lynwood St Pulaski VA 24301	CONTACT:	Brendan Mcguinness
LAT/LONG:	37.057 / 80.7606	INQUIRY #:	3446155.8s
		DATE:	November 2, 2012

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FCC & FAA SITES MAP FINDINGS
TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

1
South
1/4-1/2 mi
2076

ANT200000056896
ANTREG

Regnum:	1242030
Filenum:	A0362748
Issuedate:	2/4/2004
Entity:	United States Cellular Corporation
Lat dms:	37,3,4.8
Lat dir:	1
Lon dms:	80,45,39.3
Lon dir:	-1
Dd temp:	37.0513
Dd temp0:	-80.7609
Strucht:	38.1
Strucadd:	525 Ridge Road
Struccity:	Pulaski
Strucstate:	VA
Faastudy:	2003-AEA-3412-OE
Faacirc:	Not Reported
Licid:	L00127162
Contname:	Stephanie Terrell #789331
Contadd:	8410 W Bryn Mawr Ave Ste 700
Contpo:	Not Reported
Contcity:	Chicago
Contstate:	IL
Contzip:	60631
Edr id:	ANT200000056896

This record is for a license, and it may or may not indicate a site which has been built.

FCC & FAA SITES MAP FINDINGS
TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

2
SSW
1/4-1/2 mi
2223

DOF200000068014
NOAA_DOF

Obstacle n:	51-006041
O or u:	U
Country:	US
State:	VA
City:	PULASKI
Lat deg:	37
Lat min:	3
Lat sec:	05.00N
Lon deg:	80
Lon min:	45
Lon sec:	49.00W
Obstacle type:	TOWER
Quantity:	1
Agl ht:	61
Amsl ht:	1951
Lighting:	U
Horiz acc:	Not Reported
Vert acc:	Not Reported
Marking:	U
Faa num:	Not Reported
Action:	Add
Action Date:	1976053 21
Edr id:	DOF200000068014

FCC & FAA SITES MAP FINDINGS
TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

3
South
1/2-1 mi
5191

DOF200000067963
NOAA_DOF

Obstacle n:	51-000131
O or u:	O
Country:	US
State:	VA
City:	PULASKI
Lat deg:	37
Lat min:	2
Lat sec:	34.00N
Lon deg:	80
Lon min:	45
Lon sec:	43.00W
Obstacle type:	TOWER
Quantity:	1
Agl ht:	194
Amsl ht:	2114
Lighting:	N
Horiz acc:	1
Vert acc:	D
Marking:	M
Faa num:	Not Reported
Action:	Change
Action Date:	1974052 22
Edr id:	DOF200000067963

FCC & FAA SITES MAP FINDINGS
AIRPORTS

EDR ID
Database

No Sites Reported.

FCC & FAA SITES MAP FINDINGS
POWERLINES

EDR ID
Database

POW10000010438
POWERLINES

Name:	Appal
Id:	2857
Kv:	138
Label:	138 kV
Company:	Appalachian Power Co.
Companyabb:	Appalachian Power
Edr id:	POW10000010438

POW10000010439
POWERLINES

Name:	Appal
Id:	2858
Kv:	138
Label:	138 kV
Company:	Appalachian Power Co.
Companyabb:	Appalachian Power
Edr id:	POW10000010439

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

NATURAL AREAS
Officially designated wilderness areas
Government Records Searched in This Report

FED_LAND: Federal Lands
Source: USGS
Telephone: 703-648-5094
Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.
- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.
Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

National Park Service, Northeast Region
200 custom Street, Fifth Floor
Philadelphia, PA 19106
215-597-7013

National Park Service, National Capital Region
1100 Ohio Drive, SW
Washington, DC 20242
202-619-7256

USDA Forest Service, Southern
1720 Peachtree Road, N.W.
Atlanta, GA 30367
404-347-2384

BLM - Eastern States Office
7450 Boston Blvd.
Springfield, VA 22153
703-440-1713

Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

Officially designated wildlife preserves, sanctuaries and refuges
Government Records Searched in This Report

FED_LAND: Federal Lands
Source: USGS
Telephone: 703-648-5094
Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.
- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.
Date of Government Version: 12/31/2005

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Federal Contacts for Additional Information
Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

State Contacts for Additional Information

Wild and scenic rivers
Government Records Searched in This Report
FED_LAND: Federal Lands
Source: USGS
Telephone: 703-648-5094
Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.
- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information
Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

Endangered Species

Government Records Searched in This Report
Endangered Species Protection Program Database
A listing of endangered species by county.
Source: Environmental Protection Agency
Telephone: 703-305-5239

VA Endangered Species: VA Endangered Species
Virginia Endangered Species
Source: Department of Game and Inland Fisheries.
Telephone: 804-367-1000

Federal Contacts for Additional Information
Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

State Contacts for Additional Information
Div. Of Natural Heritage, Dept. of Conservation & Recreation 804-367-1000

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES
Historic Places
Government Records Searched in This Report
National Register of Historic Places:
The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.
The National Register includes:
- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 03/23/2006

VA Historic Sites: The Virginia Landmarks Register
A listing of historic sites on the State register. A compliation of the states buildings structures sites and districts that have been officially designated as historic landmarks by the Virginia Board of Historic Resources over the past thirty years.
Source: Department of Historic Resources.
Telephone: 804-367-2323

Federal Contacts for Additional Information
Park Service; Advisory Council on Historic Preservation
1849 C Street NW
Washington, DC 20240
Phone: (202) 208-6843

State Contacts for Additional Information
Department of Historic Resources 804-367-2323

Indian Religious Sites
Government Records Searched in This Report
Indian Reservations:
This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.
Source: USGS
Phone: 888-275-8747
Date of Government Version: 12/31/2005

Federal Contacts for Additional Information
Department of the Interior- Bureau of Indian Affairs
Office of Public Affairs
1849 C Street, NW
Washington, DC 20240-0001
Office: 202-208-3711
Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers
1411 K Street NW, Suite 700
Washington, DC 20005
Phone: 202-628-8476
Fax: 202-628-2241

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

State Contacts for Additional Information
A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:
http://www.doi.gov/bia/areas/agency.html

Scenic Trails

Government Records Searched in This Report
APPAL_TRAIL: Appalachian Trail
Source: Appalachian Trail Conference
Telephone: (304) 535-6331
Appalachian Trail centerline.

State Contacts for Additional Information
Appalachian Trail Conference
799 Washington Street P.O. Box 807
Harpers Ferry, WV 25425-0807
(304) 535-6331

Potomac Heritage Partnership
1623 28th Street, NW
Washington, D.C. 20007
202-338-6222

FLOOD PLAIN, WETLANDS AND COASTAL ZONE

Flood Plain Management
Government Records Searched in This Report
Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Federal Contacts for Additional Information
Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information
Department of Emergency Services 804-897-6500

Wetlands Protection
Government Records Searched in This Report
NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2004 from the U.S. Fish and Wildlife Service.

Federal Contacts for Additional Information
Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information
Dept. of Game & Inland Fisheries 804-367-9231

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Coastal Zone Management
Government Records Searched in This Report
CAMA Management Areas
Dept. of Env., Health & Natural Resources
919-733-2293

Federal Contacts for Additional Information
Office of Ocean and Coastal Resource Management
N/ORM, SSMC4
1305 East-West Highway
Silver Spring, Maryland 20910
301-713-3102

State Contacts for Additional Information
Coastal Program, Dept. of Environmental Quality 804-698-4320

FCC & FAA SITES MAP
For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

Government Records Searched in This Report
Cellular
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

4G Cellular
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

Antenna Structure Registration
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

Towers
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

AM Antenna
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

FM Antenna
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

FAA Digital Obstacle File
Federal Aviation Administration (FAA)
1305 East-West Highway, Station 5631
Silver Sprinng, MD 20910-3281
Telephone: 301-713-2817
Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

Airport Landing Facilities
Federal Aviation Administration
Telephone (800) 457-6656
Private and public use landing facilities.

Electric Power Transmission Line Data
Rextag Strategies Corp.
14405 Walters Road, Suite 510
Houston, TX 77014
281-769-2247
U.S. Electric Transmission and Power Plants systems Digital GIS Data.

Excessive Radio Frequency Emission
For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

Federal Contacts for Additional Information
Office of Engineering and Technology
Federal Communications Commission
445 12th Street SW
Washington, DC 20554
Phone: 202-418-2470

OTHER CONTACT SOURCES

STREET AND ADDRESS INFORMATION

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Pulaski Feasibility Study - Lynwood St
Pilaski Feasibility Study - Lynwood St
Pulaski, VA 24301

Inquiry Number: 3446155.6
November 09, 2012

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

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

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SECTION

Executive Summary

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2012	☑	☐	Polk's City Directory
2006	☑	☐	Polk's City Directory
2000	☑	☐	Polk's City Directory
1995	☑	☐	Polk's City Directory
1988	☑	☐	Polk's City Directory
1982	☑	☐	Hill's City Directory
1975	☑	☐	Hill's City Directory
1968	☑	☐	Hill's City Directory
1961	☑	☐	Miller's City Directory

RECORD SOURCES

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FINDINGS

TARGET PROPERTY STREET

Pilaski Feasibility Study - Lynwood St
Pulaski, VA 24301

Year	CD Image	Source
Lynwood St		
2012	pg A1	Polk's City Directory
2006	pg A2	Polk's City Directory
2000	pg A3	Polk's City Directory
1995	pg A4	Polk's City Directory
1995	pg A5	Polk's City Directory
1988	pg A6	Polk's City Directory
1982	pg A7	Hill's City Directory
1975	pg A8	Hill's City Directory
1968	pg A10	Hill's City Directory
1968	pg A9	Hill's City Directory
1961	pg A11	Miller's City Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

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City Directory Images

Target Street	Cross Street	Source
✓	-	Polk's City Directory

Lynwood St 2012

HOUSEHOLDS 10

LYNWOOD ST (PULASKI)-FROM 1099 OAK ST
NORTHEAST
FLOYD LN CONTINUES
ZIP CODE 24301 CAR-RT C005

1101 Gillespie Crystal ✓@ [2]
Martin Gary W ✓@ [19] ☗(1964)
1108 Linkous Margaret E ✓ [26] ☗(1964)
Linkous John J
1110 Manuel John D ✓@ [7] 540-980-2702
Manuel Rose M 540-980-2702
1116 No Current Listing
1120 Paschal Carl V ✓ [2]
1200 Lucas Garrett C & Angelia A ✓@ [11] ☗(1964)
1208 No Current Listing
1212 Mabe John S Jr ✓ [18] ☗(1964) 540-980-4272
Thomas Velva ✓@ [10] ☗(1964)
1216 Hayes Justin L ✓ [3]
Hayes Sarah A
OAK ST ENDS
FLOYD LN INTERSECTS

HOUSEHOLDS 11

LYONS RD (DUBLIN)
NEWBERN RD CONTINUES

Target Street	Cross Street	Source
✓	-	Polk's City Directory

Lynwood St 2006

● HOMEOWNER

LYNWOOD ST (PULASKI)-FROM 1099 OAK ST
NORTHEAST
+ FLOYD LN CONTINUES
• ZIP CODE 24301 CAR-RT C005
1101 No Current Listing
1108 Linkous Margaret E [20] ●
1110 ◐ Manuel John D
Manuel Rose
1116 ◐ Byrd Ricky & Christina L 540-980-2313
1120 No Current Listing
1200 Lucas Garrett C & Angelia A [5] ● 540-980-3845
1208 No Current Listing
1212 Thomas Sherrill [4] 540-980-4272
Thomas Velva 540-980-4272
1216 Cregger Randle V [17] ● 540-980-9768
+ OAK ST ENDS
+ FLOYD LN INTERSECTS

HOUSEHOLDS ●

LYONS RD (DUBLIN)

Target Street	Cross Street	Source
✓	-	Polk's City Directory

Lynwood St 2000

1049 (N) Wall Ronald L 980-5212

HOUSEHOLDS 2

LYNWOOD ST (PULASKI)-FROM 1099 OAK ST

NORTHEAST

· ZIP CODE 24301 CAR-RT C005

1101 Martin Gary W [9]+ ☗

1108 Linkous Margaret E [9]+ ☗ 980-6181

1116 Not Verified

1120 (N) Taylor Gale E 980-8858

Taylor Sharon 980-8858

1200 Frazier Audrey M [3] ☗ 980-8081

1208 Horton Katherine [9]+ ☗ 980-6016

Horton Walter M 980-6016

1212 Mabe John S [5] ☗ 980-4272

1216 Cregger Randle V [9]+ ☗ 980-9768

Cregger Ronda D 980-9768

+ FLOYD LN BEGINS

HOUSEHOLDS 8

LYONS RD (DUBLIN)-

· ZIP CODE 24084 CAR-RT R005

Target Street	Cross Street	Source
✓	-	Polk's City Directory

Lynwood St 1995

980-5239

- *NOT OPEN*

HOUSEHOLDS 4

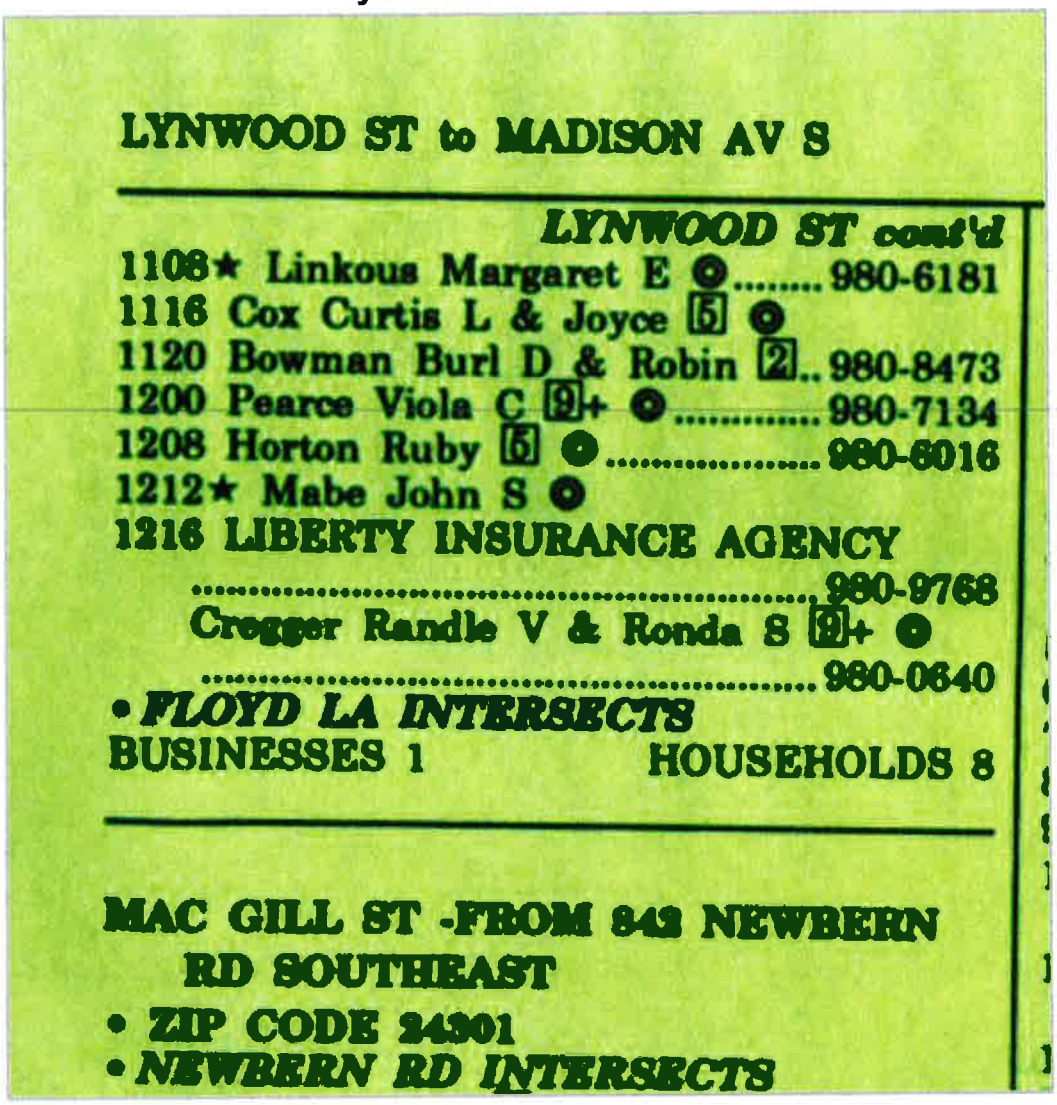
LYNWOOD ST -FROM OAK ST NORTHEAST, 1 NORTH OF NEWBERN RD

- ZIP CODE 24301
- *OAK ST INTERSECTS*

1101 Martin Gary W [2]

Target Street	Cross Street	Source
✓	-	Polk's City Directory

Lynwood St 1995



LYNWOOD ST to MADISON AV S

LYNWOOD ST cont'd

1108★ Linkous Margaret E ⊙ 980-6181
1116 Cox Curtis L & Joyce [5] ⊙
1120 Bowman Burl D & Robin [2] .. 980-8473
1200 Pearce Viola C [2]+ ⊙ 980-7134
1208 Horton Ruby [5] ⊙ 980-6016
1212★ Mabe John S ⊙
1216 LIBERTY INSURANCE AGENCY
..... 980-9768
Cregger Randle V & Ronda S [2]+ ⊙
..... 980-0640
• *FLOYD LA INTERSECTS*
BUSINESSES 1 HOUSEHOLDS 8

MAC GILL ST -FROM 842 NEWBERN RD SOUTHEAST
• ZIP CODE 24301
• *NEWBERN RD INTERSECTS*

1709 Blankenship
1800 Howard Earl E ● 980-5239

7

LYNWOOD ST -FROM OAK ST NORTHEAST 1 NORTH OF NEWBERN RD

ZIP CODE 24301
1101 Martin Gary W ● 980-4114
1108 Ogle Lauda S Mrs ● 980-4101
1116 Richards Helen S Mrs ● 980-1758
1120 Alley N W Mrs ● 980-4567
1200 Pearce Viola C Mrs ● 980-7134
1208 No Return
1212 Rogers Mae M ● 980-5252
1216 Cregger Geo R ●
FLOYD LA INTERSECTS

Target Street	Cross Street	Source
✓	-	Hill's City Directory

Lynwood St 1982

7

LYNWOOD ST —FROM OAK ST NORTHEAST 1 NORTH OF NEWBERN RD

ZIP CODE 24301

1108 Ogle Lauda S ◎ 980-4101
1116 Richards Jesse R ◎ 980-5970
1120 Taylor Alice H Mrs ◎ 980-5842
1200 Pearce Wm O ◎ 980-7134
1208 Horton Ruby M ◎ 980-6016
1212 Rogers Mae M ◎ 980-5252
1216 Cregger Geo R ◎
FLOYD LA INTERSECTS

8

MAC GILL ST —FROM 842 NEWBERN RD SOUTHEAST 1 SOUTH OF WELL ST

Target Street	Cross Street	Source
✓	-	Hill's City Directory

Lynwood St 1975

1708 Gardner Sherman R
980-7066
1800 Howard Earl E ◎ 980-5239

7

LYNWOOD ST —FROM OAK ST NORTHEAST 1 NORTH OF NEWBERN RD

ZIP CODE 24301
1108 Alley Robt W ◎ 980-1229
1116 Richards Jesse R ◎ 980-5970
1120 Taylor James ◎ 980-5842
1200 Pearce Wm O 980-7134
1208 Horton Walter M ◎
980-6016
1212 Rogers Mae Mrs ◎ 980-5252
1216 ★ Hill John W ◎ 980-7522

8

MAC GILL ST —FROM 842 NEWBERN RD SOUTHEAST

Target Street	Cross Street	Source
✓	-	Hill's City Directory

Lynwood St 1968

11

LOWMOOR AV -FROM DUBLIN RD
NORTH 1 EAST OF ALUM
SPRING RD

---ZIP CODE 24301
BX17 HOWARD EARL E ●
4-1614
GARDNER SHERMAN R ●
8-8558
DE HART THOS E

7

LYNWOOD ST -FROM OAK ST
NORTHEAST, 1 NORTH OF
NEWBERN RD

---ZIP CODE 24301
1108 ALLEY ROBT W ●
5-1849

Target Street	Cross Street	Source
✓	-	Hill's City Directory

Lynwood St 1968

Prescriptions

48

LYNWOOD ST—CONTD

1116 RICHARDS JESSE R ●
2-9741

1120 TAYLOR JAMES ●
5-1205

1200 PEARCE STEVE ●
8-8213

1208 HORTON WALTER M ●
5-1708

1212 MOLES MARVIN D ●
8-8855

1216 MANUEL DIANE S MRS ●
5-1537

8

MACGILL ST -FROM 842
NEWBERN RD SOUTHEAST, 1
SOUTH OF WELL ST

---ZIP CODE 28301

Target Street	Cross Street	Source
✓	-	Miller's City Directory

Lynwood St 1961

349 •Williams Jos M (2)
355 •Fortner John R (3)
361 Long Irenus D (3)
366 •Phillips Hawley W (4)

LYNWOOD—From 81 Floyd La south

1116 •Richarns Jesse R (4)
1120 •Taylor Jas (2)
1200 •Pearce Oscar W (4)
1208 •Horton Walter M (5)
1212 •Gray Grayson A (5)
1216 Royal Velma W Mrs (3)
—— •Alley Robt W (3)

MacGILL — From 850 Newbern Rd east to Burgess

1020 •Underwood Henry M (3)
1024 •Alley Bobby W (3)

Pulaski Feasibility Study - Lynwood St
Pilaski Feasibility Study - Lynwood St
Pulaski, VA 24301

Inquiry Number: 3446155.2s
November 02, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

PILASKI FEASIBILITY STUDY - LYNWOOD ST
PULASKI, VA 24301

COORDINATES

Latitude (North):	37.0570000 - 37° 3' 25.20"
Longitude (West):	80.7606000 - 80° 45' 38.16"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	521285.5
UTM Y (Meters):	4101019.0
Elevation:	1998 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37080-A7 PULASKI, VA
Most Recent Revision:	1984
East Map:	37080-A6 DUBLIN, VA
Most Recent Revision:	1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

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

EXECUTIVE SUMMARY

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

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

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

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

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

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

State and tribal registered storage tank lists

AST..... Registered Petroleum Storage Tanks

INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

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

VCP ..... Voluntary Remediation Program
INDIAN VCP ..... Voluntary Cleanup Priority Listing

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

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
SPILLS ..... Pollution Complaint Database

Other Ascertainable Records

RCRA-NonGen ..... RCRA - Non Generators
DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites
MINES ..... Mines Master Index File
TRIS ..... Toxic Chemical Release Inventory System

EXECUTIVE SUMMARY

TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
DRYCLEANERS	Drycleaner List
ENF	Enforcement Actions Data
NPDES	Comprehensive Environmental Data System
AIRS	Permitted Airs Facility List
TIER 2	Tier 2 Information Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER	PCB Transformer Registration Database
PRP	Potentially Responsible Parties
FINANCIAL ASSURANCE	Financial Assurance Information Listing
EPA WATCH LIST	EPA WATCH LIST
US FIN ASSUR	Financial Assurance Information
COAL ASH	Coal Ash Disposal Sites
COAL ASH DOE	Steam-Electric Plant Operation Data
2020 COR ACTION	2020 Corrective Action Program List
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Database.

A review of the LUST list, as provided by EDR, and dated 05/18/2004 has revealed that there is 1 LUST

site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHOP RITE MARKET (FORMER)	*1000 NEWBERN RD.*	*SSE 0 - 1/8 (0.120 mi.)*	*A1*	*7*
Date Closed: 1996-06-25 00:00:00				
Date Closed: 1996-06-25 00:00:00				

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

A review of the LTANKS list, as provided by EDR, and dated 08/02/2012 has revealed that there is 1 LTANKS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHOP RITE MARKET (FORMER)	*1000 NEWBERN RD.*	*SSE 0 - 1/8 (0.120 mi.)*	*A1*	*7*
Facility Status: Closed				
Facility Status: Closed				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Underground Storage Tank Data Notification Information.

A review of the UST list, as provided by EDR, and dated 08/02/2012 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER SHOP RITE MARKET	1000 NEWBERN ROAD	SSE 0 - 1/8 (0.120 mi.)	A2	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 40 records.

Site Name	Database(s)
PULASKI FURNITURE CORPORATION	FTTS, HIST FTTS
PULASKI L/F - CLOYD MOUNTAIN SITE	CERC-NFRAP
PULASKI TOWNSHIP LANDFILL	CERC-NFRAP
DRAPER VALLEY MKT (FORMER CHEVRON)	LUST
EXXON 2-6609, PULASKI	LUST
EXPRESS STOP #1 (FORMERLY SNAK SHA	LUST
BEIJING MOTEL	LUST
FORMER RUTHERFORD PONTIAC DEALERSH	LUST
PULASKI EXPRESS STOP #2	LUST
XALOY, INC.#	LUST
PULASKI MOTOR CO.	LUST
PULASKI BUS STATION#	LUST
CAVILIER SUPPLY	LUST
PULASKI FURNITURE	LUST, LTANKS
J F HYLTON ESTATE (HYLTON'S GROCER	LTANKS
DRAPER CHEVRON	LTANKS, UST, SPILLS
BRYD LODGE TRAINING CENTER	LTANKS, UST, FINANCIAL ASSURANCE
PULASKI EXPRESS STOP #2	LTANKS
J.F. HYLTON ESTATE	UST
ALUM-SPRING-SHOP-IN	UST
DOT ROANOKE PSK VOR	UST
PHILLIPS 66 #26001	UST
PHILLIPS 66	UST
PULASKI FURNITURE	UST
APPALACHIAN POWER CO	RCRA-NonGen, FINDS, MANIFEST
VAARNG-ARMORY-PULASKI	RCRA-CESQG, FINDS
ON BURGESS AVE EAST MAIN ST	ERNS
DORA HWY AND ST RTE 99 OFF EXIT 31	ERNS
OLD PULASKI FURNITURE BUILDING 1ST	ERNS
529 2ND ST.	ERNS
PULASKI FURNITURE CORPORATION - PL	FINDS
PULASKI COUNTRY CLUB	FINDS
PULASKI ELEM.	FINDS
PULASKI MIDDLE SCHOOL	FINDS
PULASKI CO PUBLIC SERVICE AUTH	FINDS
JAMES HARDIE BUILDING PRODUCTS PUL	TRIS
PULASKI EXPRESS STOP	SPILLS
OLD PULASKI TOWN STP	SPILLS
PULASKI FURNITURE CORP	ICIS
PULASKI COUNTRY CLUB	ICIS

OVERVIEW MAP - 3446155.2s

- 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
- Power transmission lines
- Oil & Gas pipelines from USGS
- 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: Pulaski Feasibility Study - Lynwood St ADDRESS: Pilaski Feasibility Study - Lynwood St Pulaski VA 24301 LAT/LONG: 37.057 / 80.7606	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY #: 3446155.2s DATE: November 02, 2012 2:59 pm

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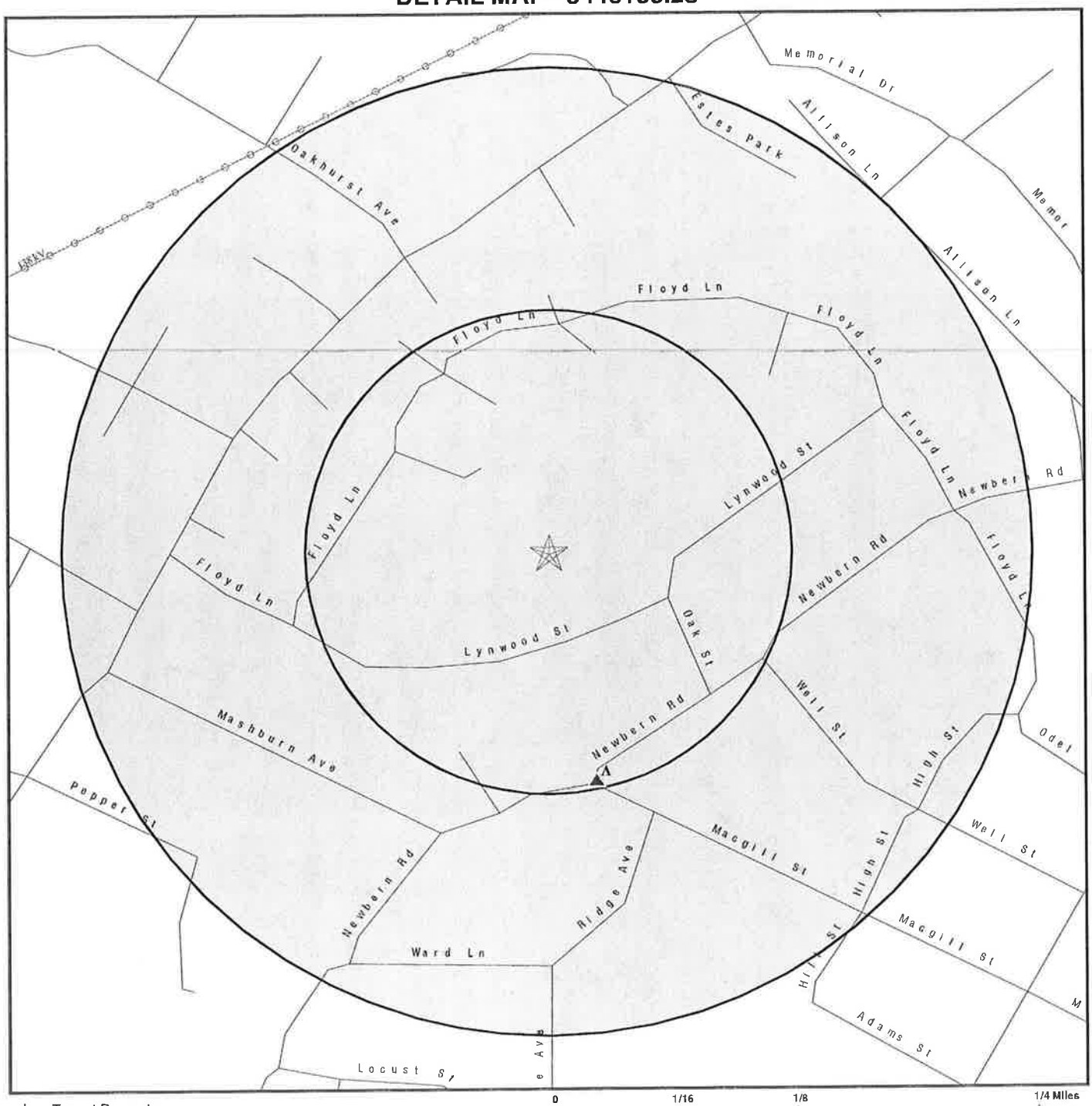
DETAIL MAP - 3446155.2s



- 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
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone

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: Pulaski Feasibility Study - Lynwood St ADDRESS: Pilaski Feasibility Study - Lynwood St Pulaski VA 24301 LAT/LONG: 37.057 / 80.7606	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY #: 3446155.2s DATE: November 02, 2012 3:03 pm

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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
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
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
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		1	0	0	NR	NR	1
LTANKS	0.500		1	0	0	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		1	0	NR	NR	NR	1

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
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0

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
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

A1 **SHOP RITE MARKET (FORMER)** **LUST S105986849**
SSE **1000 NEWBERN RD.** **LTANKS N/A**
< 1/8 **PULASKI, VA -0-**
0.120 mi.
635 ft. **Site 1 of 2 in cluster A**

Relative:
Higher

Actual:
2030 ft.

LUST REG WC:

Region:	WC
Case Status:	**Not reported**
Date Reported:	11/29/1995
Date Closed:	1996-06-25 00:00:00
Release Reported:	Not reported
Pollution Control #:	93-1830
Case Manager:	Not reported
Owner Name:	WADE'S SUPER MARKETS,INC.
Owner Address:	PO BOX 329
Owner City,St,Zip:	CHRISTIANSBURG, VA 24073
Owner Phone:	540-382-4995

Region:	WC
Case Status:	**Not reported**
Date Reported:	03/22/1993
Date Closed:	1996-06-25 00:00:00
Release Reported:	Not reported
Pollution Control #:	96-1048
Case Manager:	Not reported
Owner Name:	WADE'S FOOD/NEW RIVER OIL
Owner Address:	Not reported
Owner City,St,Zip:	PULASKI, VA 24301
Owner Phone:	-0-

LTANKS:

Region:	BRRO-R
CEDS Facility Id:	200000090315
Case Status:	**Closed**
Pollution Complaint #:	19961048
Reported:	03/22/1993

Region:	BRRO-R
CEDS Facility Id:	200000090315
Case Status:	**Closed**
Pollution Complaint #:	19931830
Reported:	03/22/1993

A2 **FORMER SHOP RITE MARKET** **UST U003678018**
SSE **1000 NEWBERN ROAD** **N/A**
< 1/8 **PULASKI, VA 24301**
0.120 mi.
635 ft. **Site 2 of 2 in cluster A**

Relative:
Higher

Actual:
2030 ft.

UST:

Facility:

Facility Id:	2026672
Facility Type:	GAS STATION
CEDS Facility ID:	200000090315

Owner:

Facility Id:	2026672
Owner Id:	32676

FORMER SHOP RITE MARKET (Continued) **U003678018**

Owner Name:	JOEY DUNNIVANT
Owner Address:	414 FLOYD AVENUE
Owner Address2:	Not reported
Owner City, State, Zip:	PULASKI, VA 24301
UST Status:	Not reported
AST Status:	Not reported
Federally Regulated:	Yes
Tank Number:	R1
Tank Capacity:	1000
Tank Contents:	GASOLINE
Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2026672
Own Id:	32676
Tank Number:	R1
Install Date:	Not reported
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2026672
Own Id:	32676
Tank Number:	R1
Install Date:	Not reported
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N

FORMER SHOP RITE MARKET (Continued) **U003678018**

Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2026672
Own Id:	32676
Tank Number:	R1
Install Date:	Not reported
Tank Status:	REM FROM GRD
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R2
Tank Capacity:	1000
Tank Contents:	GASOLINE
Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2026672
Own Id:	32676
Tank Number:	R2
Install Date:	Not reported
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N

FORMER SHOP RITE MARKET (Continued) **U003678018**

Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2026672
Own Id:	32676
Tank Number:	R2
Install Date:	Not reported
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2026672
Own Id:	32676
Tank Number:	R2
Install Date:	Not reported
Tank Status:	REM FROM GRD
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Count: 40 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PULASKI	S104744376	J F HYLTON ESTATE (HYLTON'S GROCER	RT 1	24301	LTANKS
PULASKI	U003677793	J.F. HYLTON ESTATE	RT 1	24301	UST
PULASKI	U003676371	ALUM-SPRING-SHOP-IN	RT 1	24301	UST
PULASKI	S106754724	DRAPER VALLEY MKT (FORMER CHEVRON)	RT 100		LUST
PULASKI	U003677829	DRAPER CHEVRON	RT 100	24301	LTANKS, UST, SPILLS
PULASKI	1004789683	VAARNG-ARMORY-PULASKI	RT 11 S DRAPER MOUNTAIN	24301	RCRA-CESQG, FINDS
PULASKI	S104897864	EXXON 2-6609, PULASKI	31ST & RT 99		LUST
PULASKI	1011573932	PULASKI FURNITURE CORP	206 5TH STREET PULASKI VA	24301	ICIS
PULASKI	S105805420	PULASKI EXPRESS STOP	303 5TH ST NE	24301	SPILLS
PULASKI	1008167738	PULASKI FURNITURE CORPORATION - PL	206 5TH STREET	24301	FINDS
PULASKI	S105588416	EXPRESS STOP #1 (FORMERLY SNAK SHA	303 5TH ST NE	24301	LUST
PULASKI	S105872438	BEIJING MOTEL	307 5TH ST NE	24301	LUST
PULASKI	S106754818	FORMER RUTHERFORD PONTIAC DEALERSH	5TH & WASHINGTON ST		LUST
PULASKI	U003674178	DOT ROANOKE PSK VOR	RT 643	24301	UST
PULASKI	U003676339	BRYD LODGE TRAINING CENTER	RT 663	24301	LTANKS, UST, FINANCIAL ASSURAN
PULASKI	S104541480	PULASKI EXPRESS STOP #2	I 81	24301	LTANKS
PULASKI	S105028149	PULASKI EXPRESS STOP #2	I 81		LUST
PULASKI	U003675710	PHILLIPS 66 #26001	I 81 & RT 100 E	24301	UST
PULASKI	1000148090	APPALACHIAN POWER CO	RT 99	24301	RCRA-NonGen, FINDS, MANIFEST
PULASKI	S105429487	XALOY, INC.#	RT 99		LUST
PULASKI	U003677770	PHILLIPS 66	RT 99	24301	UST
PULASKI	94375391	ON BURGESS AVE EAST MAIN ST	ON BURGESS AVE EAST MAIN ST		ERNS
PULASKI	1003866185	PULASKI L/F - CLOYD MOUNTAIN SITE	CLOYD MOUNTAIN	24301	CERC-NFRAP
PULASKI	1014847886	PULASKI COUNTRY CLUB	4360 COUNTRY CLUB RD	24301	FINDS
PULASKI	1014354708	PULASKI COUNTRY CLUB	4360 COUNTRY CLUB RD	24301	ICIS
PULASKI	S107998900	OLD PULASKI TOWN STP	DORA HWY		SPILLS
PULASKI	900113824	DORA HWY AND ST RTE 99 OFF EXIT 31	DORA HWY AND ST RTE 99 OFF EXI		ERNS
PULASKI	S105986684	PULASKI MOTOR CO.	EMAIN ST		LUST
PULASKI	1012009071	JAMES HARDIE BUILDING PRODUCTS PUL	1000 JAMES HARDIE WAY	24301	TRIS
PULASKI	1011448330	PULASKI ELEM.	2004 MOREHEAD LANE	24301	FINDS
PULASKI	1003866145	PULASKI TOWNSHIP LANDFILL	OFF US RTE #11	24301	CERC-NFRAP
PULASKI	8714088	OLD PULASKI FURNITURE BUILDING 1ST	OLD PULASKI FURNITURE BUILDING		ERNS
PULASKI	1009521339	PULASKI FURNITURE CORPORATION	ONE PULASKI SQUARE	24301	FTTS, HIST FTTS
PULASKI	1007996816	PULASKI MIDDLE SCHOOL	TERRACE AVENUE	24301	FINDS
PULASKI	S105986750	PULASKI BUS STATION#	WASHINGTON AVE		LUST
PULASKI	S105986730	CAVILIER SUPPLY	WASHINGTON & 5TH STS		LUST
PULASKI	1004608995	PULASKI CO PUBLIC SERVICE AUTH	3056 WATER PLANT RD	24301	FINDS
PULASKI COUNTY	2011972514	529 2ND ST.	529 2ND ST.		ERNS
RIDGEWAY	S108105961	PULASKI FURNITURE	PULASKI RD	24301	LUST, LTANKS
RIDGEWAY	U004060554	PULASKI FURNITURE	PULASKI RD	24301	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

Federal CERCLIS list

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

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

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: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/09/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

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

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/10/2012
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: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

Federal ERNS list

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

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

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

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

Source: Department of Environmental Quality
Telephone: 804-698-4236
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/21/2012
Date Data Arrived at EDR: 09/21/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 20

Source: Department of Environmental Quality
Telephone: 804-698-4238
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
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: 09/07/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 34

Source: Department of Environmental Quality West Central Regional Office
Telephone: 540-562-6700
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
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: 06/29/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 07/24/2012
Number of Days to Update: 25

Source: Department of Environmental Quality Tidewater Regional Office
Telephone: 757-518-2198
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 07/16/2012
Date Data Arrived at EDR: 07/16/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 57

Source: Department of Environmental Quality Southwest Regional Office
Telephone: 276-676-4800
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG SC: Leaking Underground Storage Tanks
Leaking underground storage tank site locations. Includes: counties of Amherst, Appomattox, Buckingham, Campbell, Charlotte, Cumberland, Halifax, Lunenburg, Mecklenburg, Nottoway, Pittsylvania, Prince Deward; cities of Danville, Lynchburg.

Date of Government Version: 08/31/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality, South Central Region
Telephone: 434-582-5120
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality Piedmont Regional Office
Telephone: 804-527-5020
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

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

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

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
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: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

AST: Registered Petroleum Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

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: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 02/28/2012
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 76

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
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: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
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: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
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: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
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: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 07/30/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: Department of Environmental Quality
Telephone: 804-698-4207
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Date of Government Version: 06/25/2012
Date Data Arrived at EDR: 06/25/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

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

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

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

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: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 03/16/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 34

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register
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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

SPILLS BRL: Prep/Spills Database Listing
A listing of spills locations located in the Blue Ridge Regional area, Lynchburg.

Date of Government Version: 09/18/2009
Date Data Arrived at EDR: 09/18/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 18

Source: DEQ, Blue Ridge Regional Office
Telephone: 434-582-6218
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Varies

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

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

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

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

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

Source: Department of Environmental Quality, Valley Regional Office
Telephone: 540-574-7800
Last EDR Contact: 08/06/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 06/01/1996
Date Data Arrived at EDR: 10/22/1996
Date Made Active in Reports: 11/21/1996
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 804-698-4287
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: No Update Planned

SPILLS SW: Reportable Spills

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

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

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

SPILLS PD: PREP Database

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

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

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

SPILLS: 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: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4287
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Varies

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: 757-518-2177
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: Quarterly

SPILLS NO: PREP Database

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

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/29/2009
Date Made Active in Reports: 10/30/2009
Number of Days to Update: 31

Source: Department of Environmental Quality, Northern Region
Telephone: 703-583-3864
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/01/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Varies

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: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/20/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 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: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
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: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
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: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
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: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/21/2013
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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 09/11/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

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

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/31/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Biennially

DRYCLEANERS: Drycleaner List
A listing of registered drycleaners.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/24/2010
Date Made Active in Reports: 12/09/2010
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 804-698-4407
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data
A listing of enforcement actions.

Date of Government Version: 03/16/2012
Date Data Arrived at EDR: 03/19/2012
Date Made Active in Reports: 04/13/2012
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 804-698-4031
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

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: 09/07/2012
Date Data Arrived at EDR: 09/13/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 804-698-4077
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

AIRS: Permitted Airs Facility List
A listing of permitted Airs facilities.

Date of Government Version: 11/02/2012
Date Data Arrived at EDR: 09/13/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 804-698-4000
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
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: 12/31/2010
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/30/2011
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 804-698-4159
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Annually

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 06/07/2012
Date Data Arrived at EDR: 07/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

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: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

FINANCIAL ASSURANCE: 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: 06/27/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 07/24/2012
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 804-698-4205
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Varies

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

Date of Government Version: 05/24/2012
Date Data Arrived at EDR: 06/05/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 06/08/2012
Date Made Active in Reports: 07/24/2012
Number of Days to Update: 46

Source: Department of Environmental Quality
Telephone: 804-698-4123
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 11/19/2012
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites
A listing of facilities with coal ash impoundments.

Date of Government Version: 07/29/2009
Date Data Arrived at EDR: 07/31/2009
Date Made Active in Reports: 08/21/2009
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 804-698-4285
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan 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: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/14/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

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: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/09/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 55

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

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

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

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

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

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

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

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

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 804-692-1900

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PULASKI FEASIBILITY STUDY - LYNWOOD ST
PILASKI FEASIBILITY STUDY - LYNWOOD ST
PULASKI, VA 24301

TARGET PROPERTY COORDINATES

Latitude (North):	37.057 - 37° 3' 25.20"
Longitude (West):	80.7606 - 80° 45' 38.16"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	521285.5
UTM Y (Meters):	4101019.0
Elevation:	1998 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37080-A7 PULASKI, VA
Most Recent Revision:	1984
East Map:	37080-A6 DUBLIN, VA
Most Recent Revision:	1984

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

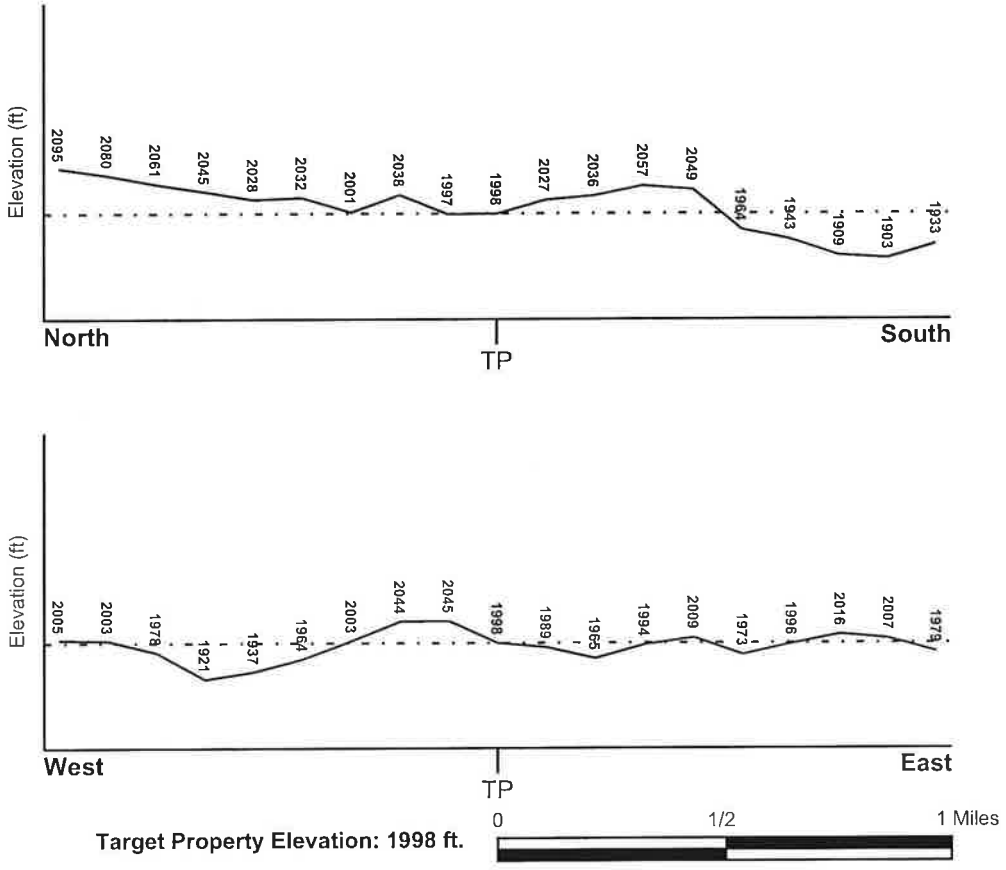
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
PULASKI, VA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 51155C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PULASKI	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	C *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:	CHILHOWIE
Soil Surface Texture:	silty clay loam
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel:	HIGH
Depth to Bedrock Min:	> 20 inches
Depth to Bedrock Max:	> 40 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	5 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 8.40 Min: 6.10
2	5 inches	13 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.10
3	13 inches	25 inches	extremely channery - clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
4	25 inches	29 inches	unweathered bedrock	Not reported	Not reported	Max: 20.00 Min: 2.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silty clay
silt loam
unweathered bedrock

Surficial Soil Types: silty clay
silt loam
unweathered bedrock

Shallow Soil Types: silty clay loam
silty clay

Deeper Soil Types: clay

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	VA1155245	1/2 - 1 Mile NW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3446155.2s

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

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

SITE NAME:	Pulaski Feasibility Study - Lynwood St	CLIENT:	AECOM
ADDRESS:	Pilaski Feasibility Study - Lynwood St Pulaski VA 24301	CONTACT:	Brendan Mcguinness
		INQUIRY #:	3446155.2s
LAT/LONG:	37.057 / 80.7606	DATE:	November 02, 2012 3:03 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **NW** **1/2 - 1 Mile** **Lower**		**FRDS PWS**	**VA1155245**

PWS ID: VA1155245
Date Initiated: 7611 Date Deactivated: Not Reported
PWS Name: GALLIMORE SUBDIVISION
PULASKI COUNTY PSA-143 THIRD
STREET - PULASKI, VA 24301

Addressee / Facility: System Owner/Responsible Party
PULASKI COUNTY PSA
143 THIRD STREET
PULASKI, VA 24301

Facility Latitude: 37 03 53 Facility Longitude: 080 46 16
City Served: PULASKI
Treatment Class: Untreated Population: 00000057

Violations information not reported.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 24301

Number of sites tested: 223.

Maximum Radon Level: 36.7 pCi/L.
Minimum Radon Level: 0.5 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
120 (53.81%)	57 (25.56%)	35 (15.70%)	11 (4.93%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for PULASKI County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Virginia Public Water Supplies
Source: Department of Health, Office of Water Programs
Telephone: 804-786-1756

OTHER STATE DATABASE INFORMATION

Virginia Oil and Gas Wells
Source: Department of Mines, Minerals and Energy
Telephone: 804-692-3200
A listing of oil and gas well locations

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

EPA Region 3 Statistical Summary Readings
Source: Region 3 EPA
Telephone: 215-814-2082
Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Environmental Report 2:

Site 5, Rail Road Property

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Pulaski Feasibility Study - Railroad
Pulaski Feasibility Study - Railroad
Pulaski, VA 24301

Inquiry Number: 3446161.3
November 02, 2012

Certified Sanborn® Map Report

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Milford, CT 06461
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Image Provided by ESRI

AECOM

SITE LOCATION MAP
3446155 - Pulaski Feasibility Study - Lynwood St
Pilaski Feasibility Study - Lynwood St
Pulaski, VA 24301

PREPARED FOR:
PROJ. MGR: **DATE: 11/02/2012**
DRAWN BY: **PROJ. #: 60272322.1**

Image Provided by ESRI

EDR® Environmental Data Resources Inc

SITE LOCATION MAP
3446161 - Pulaski Feasibility Study - Railroad
Pulaski Feasibility Study - Railroad
Pulaski, VA 24301

PREPARED FOR:
PROJ. MGR: **DATE: 11/02/2012**
DRAWN BY: **PROJ. #: 60272322.1**

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Pulaski Feasibility Study - Railroad
Pulaski Feasibility Study - Railroad
Pulaski, VA 24301

Inquiry Number: 3446161.4
November 02, 2012

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

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800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

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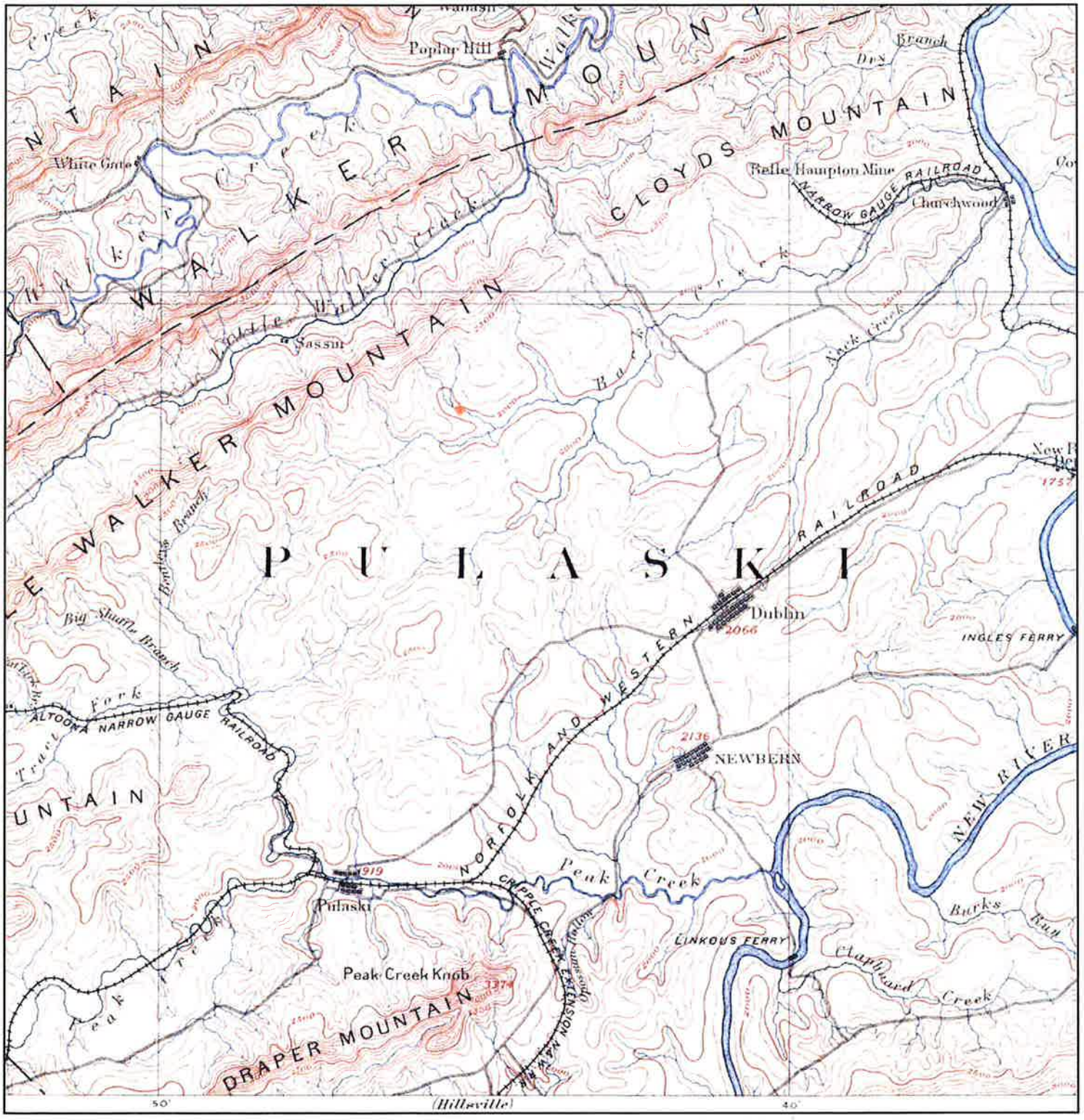
Historical Topographic Map

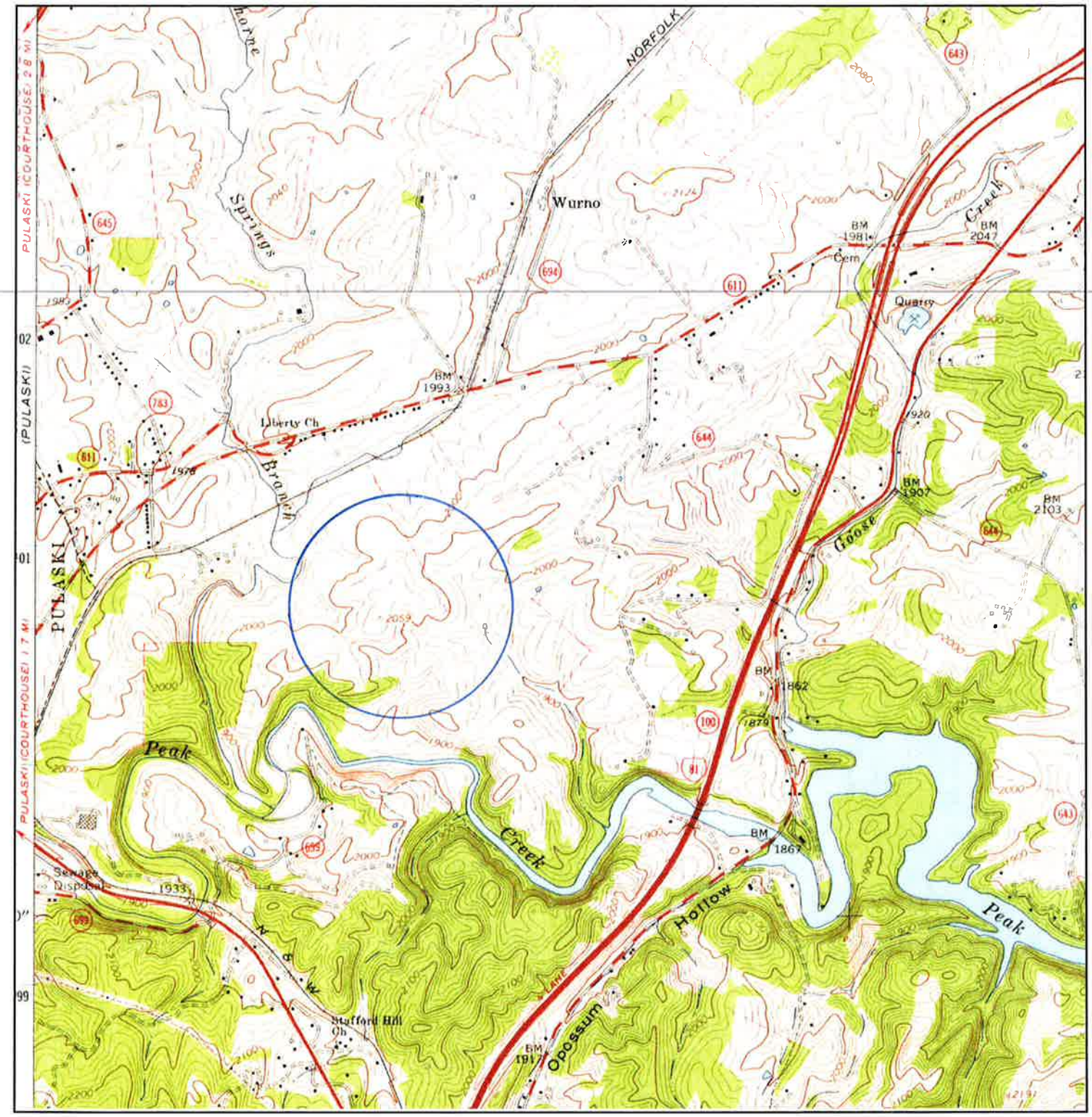


N	TARGET QUAD NAME: DUBLIN MAP YEAR: 1891 SERIES: 30 SCALE: 1:125000	SITE NAME: Pulaski Feasibility Study - Railroad ADDRESS: Pulaski Feasibility Study - Railroad Pulaski, VA 24301 LAT/LONG: 37.0564 / -80.7317	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446161.4 RESEARCH DATE: 11/02/2012		

Historical Topographic Map

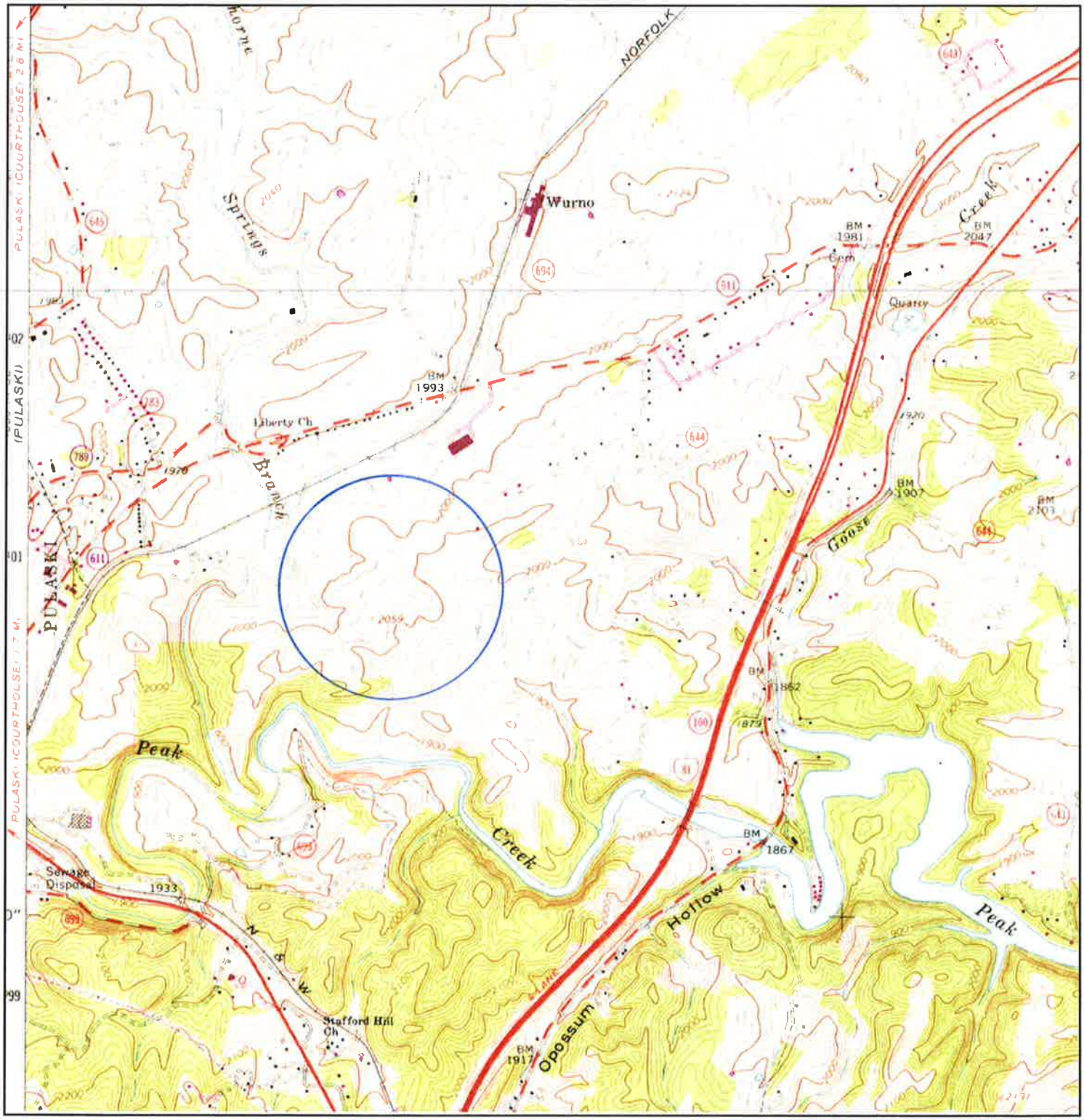
N	TARGET QUAD	SITE NAME:	Pulaski Feasibility Study - Railroad	CLIENT:	AECOM
	NAME: RADFORD			CONTACT:	Brendan Mcguinness
	MAP YEAR: 1950	ADDRESS:	Pulaski Feasibility Study - Railroad	INQUIRY#:	3446161.4
				RESEARCH DATE:	11/02/2012
	SERIES: 15		Pulaski, VA 24301		
	SCALE: 1:62500	LAT/LONG:	37.0564 / -80.7317		

Historical Topographic Map



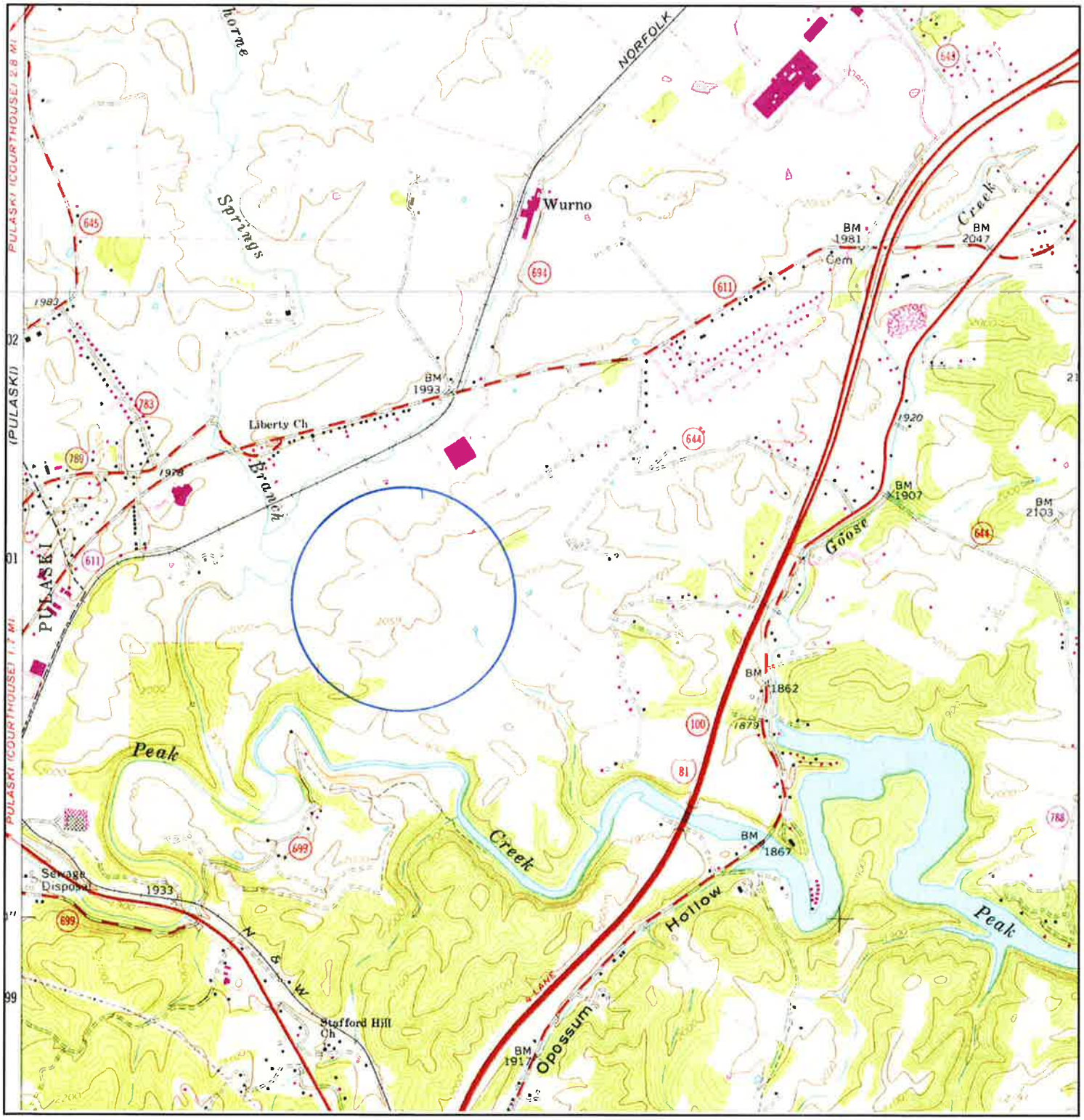
N	TARGET QUAD NAME: DUBLIN MAP YEAR: 1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - Railroad ADDRESS: Pulaski Feasibility Study - Railroad Pulaski, VA 24301 LAT/LONG: 37.0564 / -80.7317	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446161.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



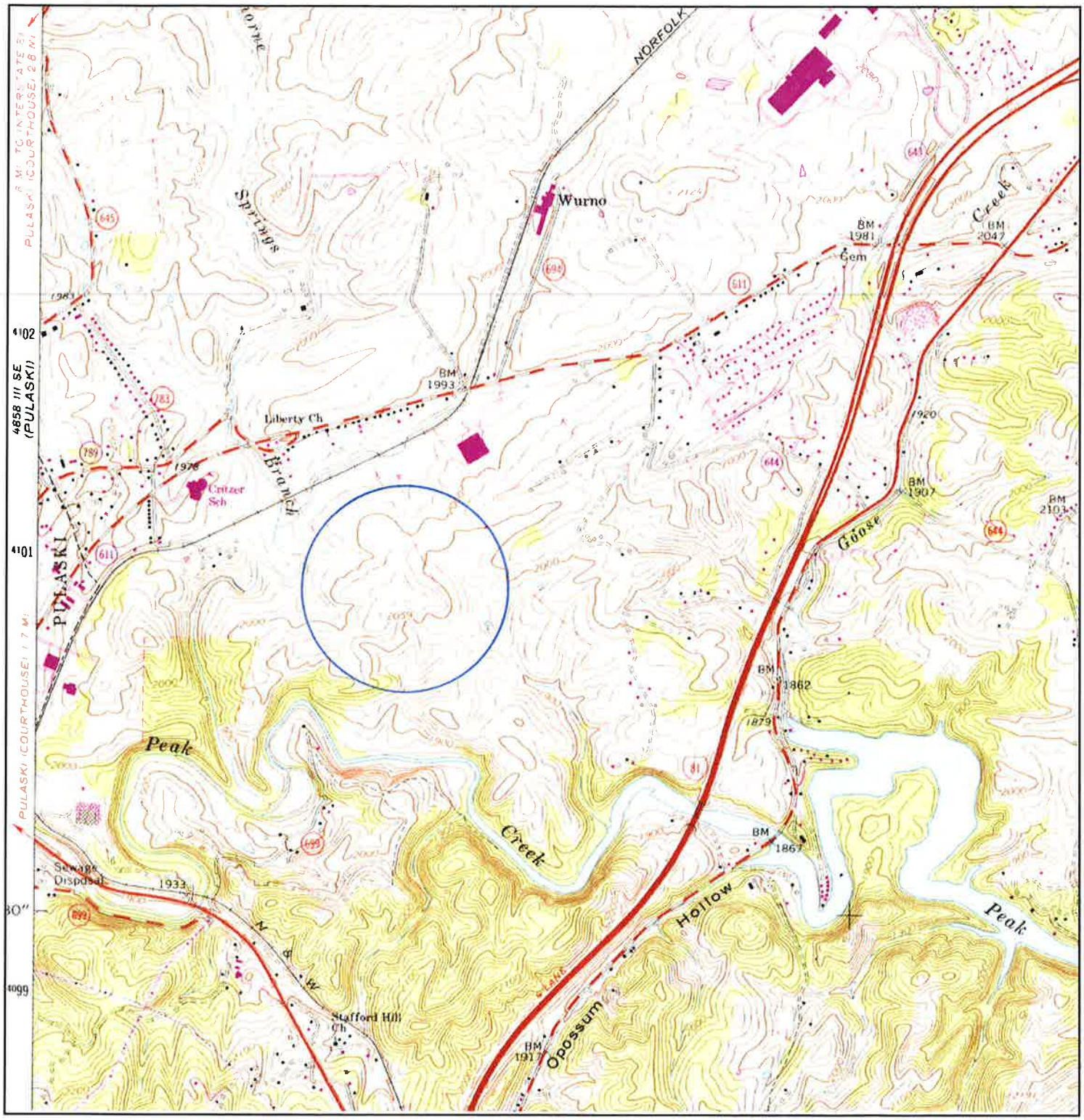
N	TARGET QUAD NAME: DUBLIN MAP YEAR: 1972 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - Railroad ADDRESS: Pulaski Feasibility Study - Railroad Pulaski, VA 24301 LAT/LONG: 37.0564 / -80.7317	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446161.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



N	TARGET QUAD NAME: DUBLIN MAP YEAR: 1976 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - Railroad ADDRESS: Pulaski Feasibility Study - Railroad Pulaski, VA 24301 LAT/LONG: 37.0564 / -80.7317	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446161.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



N	TARGET QUAD NAME: DUBLIN MAP YEAR: 1984 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - Railroad ADDRESS: Pulaski Feasibility Study - Railroad Pulaski, VA 24301 LAT/LONG: 37.0564 / -80.7317	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446161.4 RESEARCH DATE: 11/02/2012

Pulaski Feasibility Study - Railroad
Pulaski Feasibility Study - Railroad
Pulaski, VA 24301

Inquiry Number: 3446161.5
November 09, 2012

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Date EDR Searched Historical Sources:

Aerial Photography November 09, 2012

Target Property:

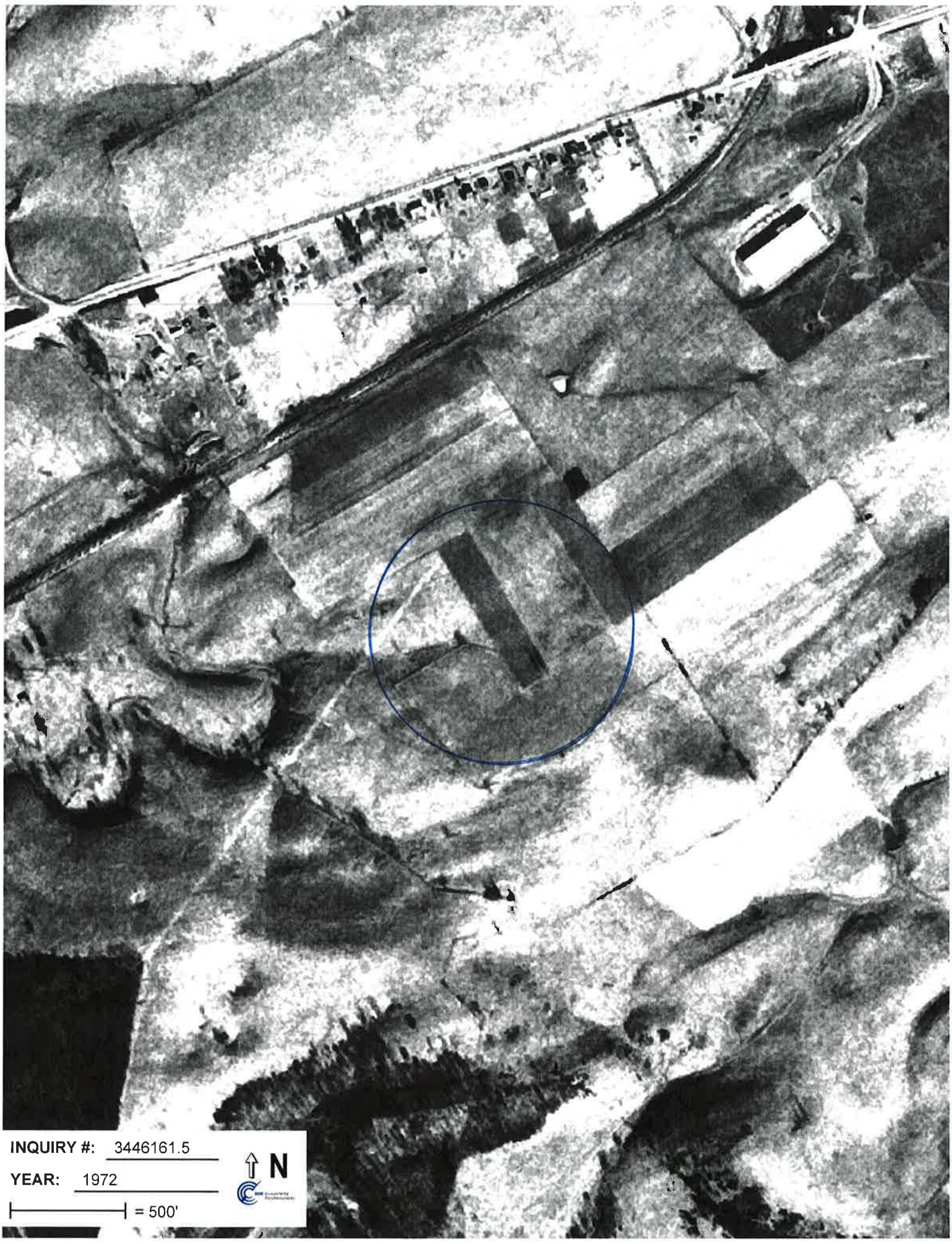
Pulaski Feasibility Study - Railroad
Pulaski, VA 24301

Year	*Scale*	*Details*	*Source*
1949	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Flight Date: March 29, 1949	EDR
1960	Aerial Photograph. Scale: 1"=1000'	Panel #: 37080-A6, Dublin, VA;/Flight Date: October 13, 1960	EDR
1963	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A6, Dublin, VA;/Flight Date: April 26, 1963	EDR
1972	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Flight Date: January 12, 1972	EDR
1976	Aerial Photograph. Scale: 1"=1000'	Panel #: 37080-A6, Dublin, VA;/Flight Date: February 12, 1976	EDR
1991	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A6, Dublin, VA;/Flight Date: April 10, 1991	EDR
1996	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Composite DOQQ - acquisition dates: April 11, 1996	EDR
1999	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A6, Dublin, VA;/Flight Date: May 02, 1999	EDR
2000	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A6, Dublin, VA;/Flight Date: March 31, 2000	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Flight Year: 2005	EDR
2008	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Flight Year: 2008	EDR

INQUIRY #: 3446161.5
YEAR: 1949
= 500'
N

INQUIRY #: 3446161.5
YEAR: 1960
= 1000'
N

37-34
INQUIRY #: 3446161.5
YEAR: 1963
= 750'
N



INQUIRY #: 3446161.5

YEAR: 1972

= 500'

N

INQUIRY #: 3446161.5
YEAR: 1976
= 1000'
N

INQUIRY #: 3446161.5
YEAR: 1991
= 750'
N

INQUIRY #: 3446161.5

YEAR: 1996

= 500'

N

INQUIRY #: 3446161.5
YEAR: 1999
= 750'
N

INQUIRY #: 3446161.5
YEAR: 2000
= 750'
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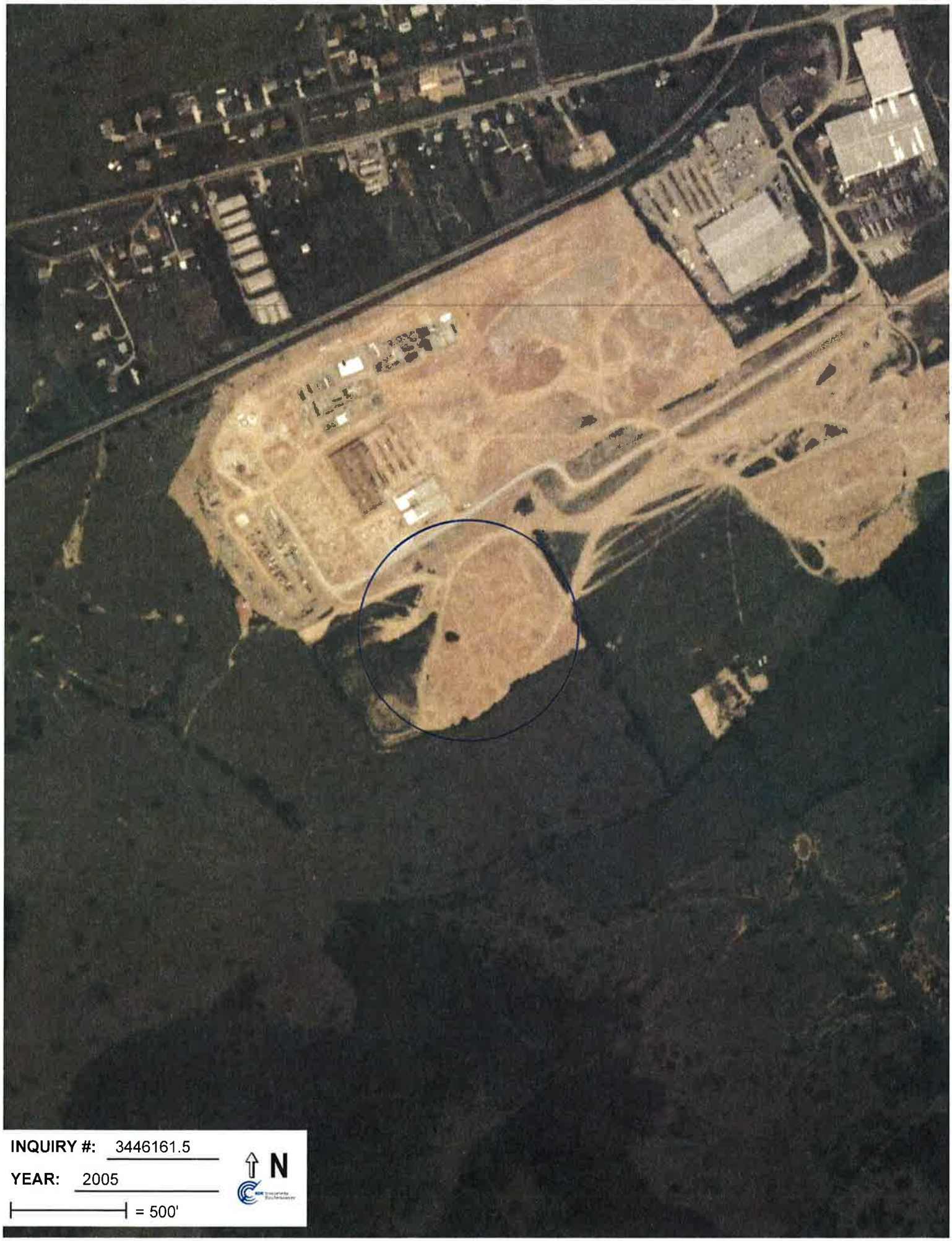

INQUIRY #: 3446161.5

YEAR: 2005

= 500'

N

INQUIRY #: 3446161.5
YEAR: 2008
= 500'
N

Pulaski Feasibility Study - Railroad
Pulaski Feasibility Study - Railroad
Pulaski, VA 24301

Inquiry Number: 3446161.2s
November 02, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
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with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

PULASKI FEASIBILITY STUDY - RAILROAD
PULASKI, VA 24301

COORDINATES

Latitude (North):	37.0564000 - 37° 3' 23.04"
Longitude (West):	80.7317000 - 80° 43' 54.12"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	523855.2
UTM Y (Meters):	4100959.2
Elevation:	2024 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37080-A6 DUBLIN, VA
Most Recent Revision:	1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

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

EXECUTIVE SUMMARY

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

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

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

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

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

State and tribal registered storage tank lists

UST..... Registered Petroleum Storage Tanks

EXECUTIVE SUMMARY

AST ..... Registered Petroleum Storage Tanks
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

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

VCP ..... Voluntary Remediation Program
INDIAN VCP ..... Voluntary Cleanup Priority Listing

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

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
SPILLS ..... Pollution Complaint Database

Other Ascertainable Records

RCRA-NonGen ..... RCRA - Non Generators
DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites
MINES ..... Mines Master Index File

TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
DRYCLEANERS	Drycleaner List
ENF	Enforcement Actions Data
NPDES	Comprehensive Environmental Data System
AIRS	Permitted Airs Facility List
TIER 2	Tier 2 Information Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER	PCB Transformer Registration Database
PRP	Potentially Responsible Parties
FINANCIAL ASSURANCE	Financial Assurance Information Listing
EPA WATCH LIST	EPA WATCH LIST
US FIN ASSUR	Financial Assurance Information
COAL ASH	Coal Ash Disposal Sites
COAL ASH DOE	Steam-Electric Plant Operation Data
2020 COR ACTION	2020 Corrective Action Program List
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

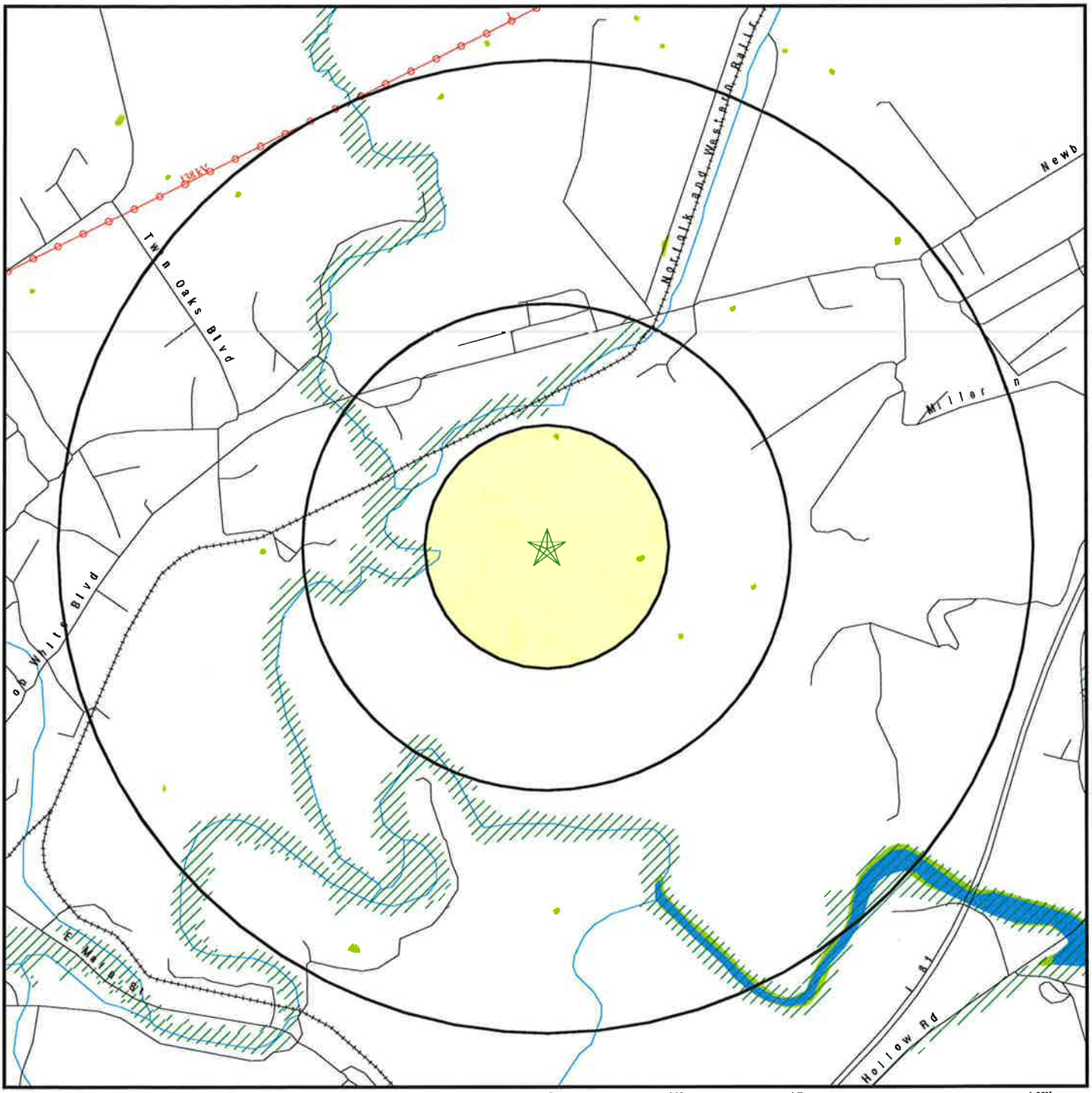
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 34 records.

Site Name	Database(s)
PULASKI FURNITURE CORPORATION	FTTS, HIST FTTS
PULASKI L/F - CLOYD MOUNTAIN SITE	CERC-NFRAP
PULASKI TOWNSHIP LANDFILL	CERC-NFRAP
DRAPER VALLEY MKT (FORMER CHEVRON)	LUST
EXXON 2-6609, PULASKI	LUST
PULASKI EXPRESS STOP #2	LUST
XALOY, INC.#	LUST
PULASKI MOTOR CO.	LUST
BLUE RIDGE SUPPLY COMPANY	LUST
PULASKI BUS STATION#	LUST
PULASKI FURNITURE	LUST, LTANKS
J F HYLTON ESTATE (HYLTON'S GROCER	LTANKS
DRAPER CHEVRON	LTANKS, UST, SPILLS
BRYD LODGE TRAINING CENTER	LTANKS, UST, FINANCIAL ASSURANCE
PULASKI EXPRESS STOP #2	LTANKS
J.F. HYLTON ESTATE	UST
ALUM-SPRING-SHOP-IN	UST
DOT ROANOKE PSK VOR	UST
PHILLIPS 66 #26001	UST
PHILLIPS 66	UST
PULASKI FURNITURE	UST
APPALACHIAN POWER CO	RCRA-NonGen, FINDS, MANIFEST
VAARNG-ARMORY-PULASKI	RCRA-CESQG, FINDS
OLD PULASKI FURNITURE BUILDING 1ST	ERNS
PULASKI FURNITURE CORPORATION - PL	FINDS
PULASKI COUNTRY CLUB	FINDS
PULASKI ELEM.	FINDS
PULASKI MIDDLE SCHOOL	FINDS
PULASKI CO PUBLIC SERVICE AUTH	FINDS
JAMES HARDIE BUILDING PRODUCTS PUL	TRIS
PULASKI EXPRESS STOP	SPILLS
OLD PULASKI TOWN STP	SPILLS
PULASKI FURNITURE CORP	ICIS
PULASKI COUNTRY CLUB	ICIS

OVERVIEW MAP - 3446161.2s



- 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
- Power transmission lines
- Oil & Gas pipelines from USGS
- 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: Pulaski Feasibility Study - Railroad ADDRESS: Pulaski Feasibility Study - Railroad Pulaski VA 24301 LAT/LONG: 37.0564 / 80.7317	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY #: 3446161.2s DATE: November 02, 2012 3:02 pm

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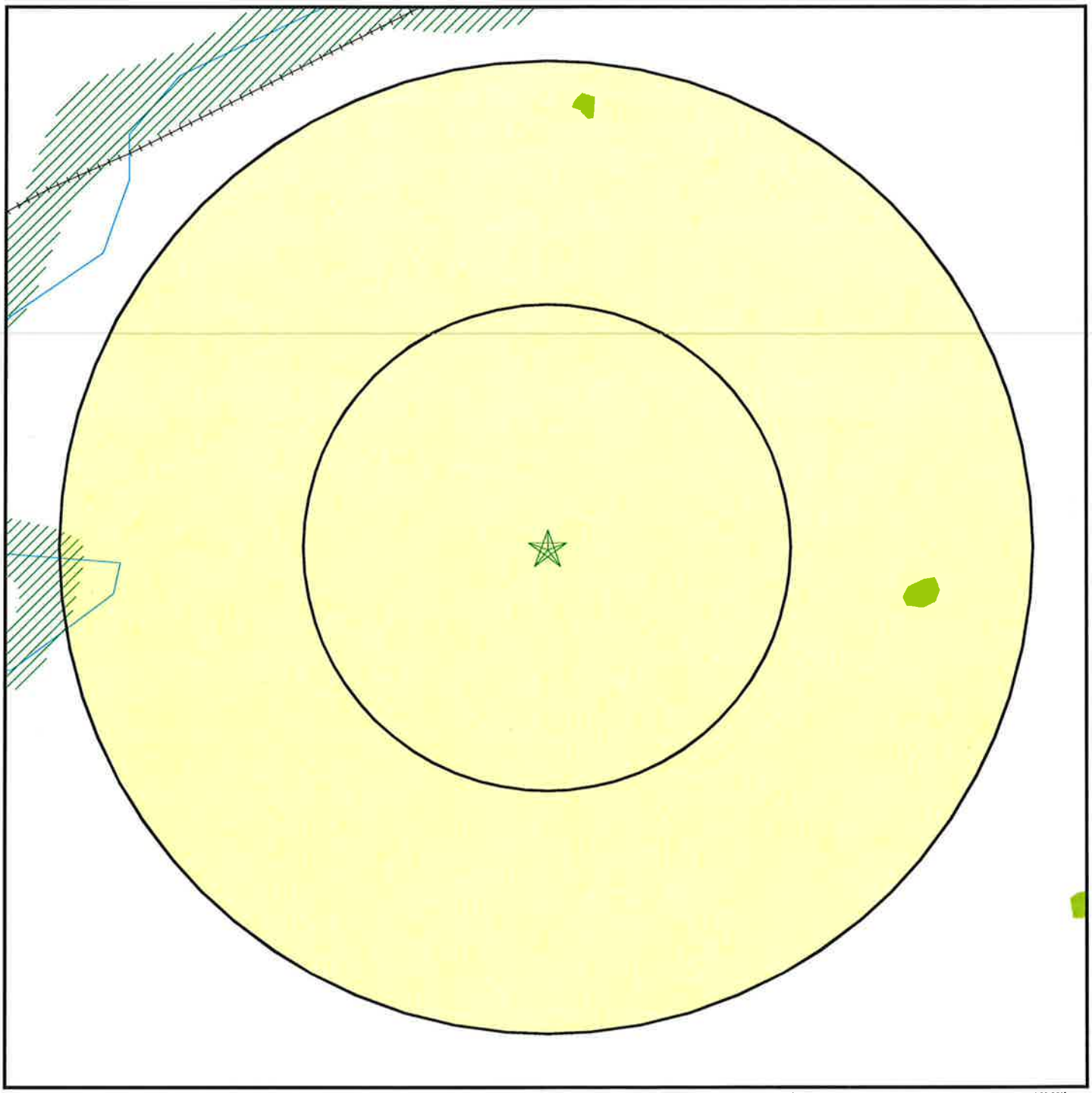
DETAIL MAP - 3446161.2s



- 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
- Oil & Gas pipelines from USGS
- 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: Pulaski Feasibility Study - Railroad	CLIENT: AECOM
ADDRESS: Pulaski Feasibility Study - Railroad Pulaski VA 24301	CONTACT: Brendan Mcguinness
LAT/LONG: 37.0564 / 80.7317	INQUIRY #: 3446161.2s DATE: November 02, 2012 3:05 pm

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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
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
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
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0
LTANKS	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
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
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0

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
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

NO SITES FOUND

Count: 34 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PULASKI	S104744376	J F HYLTON ESTATE (HYLTON'S GROCER	RT 1	24301	LTANKS
PULASKI	U003677793	J.F. HYLTON ESTATE	RT 1	24301	UST
PULASKI	U003676371	ALUM-SPRING-SHOP-IN	RT 1	24301	UST
PULASKI	S106754724	DRAPER VALLEY MKT (FORMER CHEVRON)	RT 100		LUST
PULASKI	U003677829	DRAPER CHEVRON	RT 100	24301	LTANKS, UST, SPILLS
PULASKI	1004789683	VAARNG-ARMORY-PULASKI	RT 11 S DRAPER MOUNTAIN	24301	RCRA-CESQG, FINDS
PULASKI	S104897864	EXXON 2-6609, PULASKI	31ST & RT 99		LUST
PULASKI	1011573932	PULASKI FURNITURE CORP	206 5TH STREET PULASKI VA	24301	ICIS
PULASKI	S105805420	PULASKI EXPRESS STOP	303 5TH ST NE	24301	SPILLS
PULASKI	1008167738	PULASKI FURNITURE CORPORATION - PL	206 5TH STREET	24301	FINDS
PULASKI	U003674178	DOT ROANOKE PSK VOR	RT 643	24301	UST
PULASKI	U003676339	BRYD LODGE TRAINING CENTER	RT 663	24301	LTANKS, UST, FINANCIAL ASSURAN
PULASKI	S104541480	PULASKI EXPRESS STOP #2	I 81	24301	LTANKS
PULASKI	S105028149	PULASKI EXPRESS STOP #2	I 81		LUST
PULASKI	U003675710	PHILLIPS 66 #26001	I 81 & RT 100 E	24301	UST
PULASKI	1000148090	APPALACHIAN POWER CO	RT 99	24301	RCRA-NonGen, FINDS, MANIFEST
PULASKI	S105429487	XALOY, INC.#	RT 99		LUST
PULASKI	U003677770	PHILLIPS 66	RT 99	24301	UST
PULASKI	1003866185	PULASKI L/F - CLOYD MOUNTAIN SITE	CLOYD MOUNTAIN	24301	CERC-NFRAP
PULASKI	1014847886	PULASKI COUNTRY CLUB	4360 COUNTRY CLUB RD	24301	FINDS
PULASKI	1014354708	PULASKI COUNTRY CLUB	4360 COUNTRY CLUB RD	24301	ICIS
PULASKI	S107998900	OLD PULASKI TOWN STP	DORA HWY		SPILLS
PULASKI	S105986684	PULASKI MOTOR CO.	EMAIN ST		LUST
PULASKI	S105429555	BLUE RIDGE SUPPLY COMPANY	92 NE FIRST SAINT PULASKI VA 2		LUST
PULASKI	1012009071	JAMES HARDIE BUILDING PRODUCTS PUL	1000 JAMES HARDIE WAY	24301	TRIS
PULASKI	1011448330	PULASKI ELEM.	2004 MOREHEAD LANE	24301	FINDS
PULASKI	1003866145	PULASKI TOWNSHIP LANDFILL	OFF US RTE #11	24301	CERC-NFRAP
PULASKI	8714088	OLD PULASKI FURNITURE BUILDING 1ST	OLD PULASKI FURNITURE BUILDING		ERNS
PULASKI	1009521339	PULASKI FURNITURE CORPORATION	ONE PULASKI SQUARE	24301	FTTS, HIST FTTS
PULASKI	1007996816	PULASKI MIDDLE SCHOOL	TERRACE AVENUE	24301	FINDS
PULASKI	S105986750	PULASKI BUS STATION#	WASHINGTON AVE		LUST
PULASKI	1004608995	PULASKI CO PUBLIC SERVICE AUTH	3056 WATER PLANT RD	24301	FINDS
RIDGEWAY	S108105961	PULASKI FURNITURE	PULASKI RD	24301	LUST, LTANKS
RIDGEWAY	U004060554	PULASKI FURNITURE	PULASKI RD	24301	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

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: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/09/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/10/2012
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: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

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

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

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

Source: Department of Environmental Quality
Telephone: 804-698-4236
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/21/2012
Date Data Arrived at EDR: 09/21/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 20

Source: Department of Environmental Quality
Telephone: 804-698-4238
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
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: 09/07/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 34

Source: Department of Environmental Quality West Central Regional Office
Telephone: 540-562-6700
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
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: 06/29/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 07/24/2012
Number of Days to Update: 25

Source: Department of Environmental Quality Tidewater Regional Office
Telephone: 757-518-2198
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

LUST REG SW: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/16/2012
Date Data Arrived at EDR: 07/16/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 57

Source: Department of Environmental Quality Southwest Regional Office
Telephone: 276-676-4800
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG SC: Leaking Underground Storage Tanks
Leaking underground storage tank site locations. Includes: counties of Amherst, Appomattox, Buckingham, Campbell, Charlotte, Cumberland, Halifax, Lunenburg, Mecklenburg, Nottoway, Pittsylvania, Prince Deward; cities of Danville, Lynchburg.

Date of Government Version: 08/31/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality, South Central Region
Telephone: 434-582-5120
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality Piedmont Regional Office
Telephone: 804-527-5020
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

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

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

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
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: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

AST: Registered Petroleum Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

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: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 02/28/2012
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 76

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
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: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
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: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
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: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
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: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 07/30/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: Department of Environmental Quality
Telephone: 804-698-4207
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Date of Government Version: 06/25/2012
Date Data Arrived at EDR: 06/25/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

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

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

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

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: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 03/16/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 34

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register
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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

SPILLS BRL: Prep/Spills Database Listing

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

Date of Government Version: 09/18/2009
Date Data Arrived at EDR: 09/18/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 18

Source: DEQ, Blue Ridge Regional Office
Telephone: 434-582-6218
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Varies

SPILLS WC: Prep Database

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

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

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

SPILLS VA: PREP Database

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

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

Source: Department of Environmental Quality, Valley Regional Office
Telephone: 540-574-7800
Last EDR Contact: 08/06/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

PC-SPILLS: Pollution Complaint Database

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

Date of Government Version: 06/01/1996
Date Data Arrived at EDR: 10/22/1996
Date Made Active in Reports: 11/21/1996
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 804-698-4287
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: No Update Planned

SPILLS SW: Reportable Spills

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

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

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

SPILLS PD: PREP Database

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

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

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

SPILLS: 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: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4287
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Varies

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: 757-518-2177
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: Quarterly

SPILLS NO: PREP Database

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

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/29/2009
Date Made Active in Reports: 10/30/2009
Number of Days to Update: 31

Source: Department of Environmental Quality, Northern Region
Telephone: 703-583-3864
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/01/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Varies

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: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/20/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 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: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
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: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
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: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
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: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/21/2013
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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 09/11/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

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

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/31/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Drycleaner List
A listing of registered drycleaners.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/24/2010
Date Made Active in Reports: 12/09/2010
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 804-698-4407
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data
A listing of enforcement actions.

Date of Government Version: 03/16/2012
Date Data Arrived at EDR: 03/19/2012
Date Made Active in Reports: 04/13/2012
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 804-698-4031
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

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: 09/07/2012
Date Data Arrived at EDR: 09/13/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 804-698-4077
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

AIRS: Permitted Airs Facility List
A listing of permitted Airs facilities.

Date of Government Version: 11/02/2012
Date Data Arrived at EDR: 09/13/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 804-698-4000
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
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: 12/31/2010
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/30/2011
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 804-698-4159
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Annually

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 06/07/2012
Date Data Arrived at EDR: 07/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

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: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

FINANCIAL ASSURANCE: 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: 06/27/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 07/24/2012
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 804-698-4205
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 05/24/2012
Date Data Arrived at EDR: 06/05/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information listing

Solid waste financial assurance information.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 06/08/2012
Date Made Active in Reports: 07/24/2012
Number of Days to Update: 46

Source: Department of Environmental Quality
Telephone: 804-698-4123
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 11/19/2012
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of facilities with coal ash impoundments.

Date of Government Version: 07/29/2009
Date Data Arrived at EDR: 07/31/2009
Date Made Active in Reports: 08/21/2009
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 804-698-4285
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan 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: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/14/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

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: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/09/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 55

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

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

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

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

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

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

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

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

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 804-692-1900

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PULASKI FEASIBILITY STUDY - RAILROAD
PULASKI FEASIBILITY STUDY - RAILROAD
PULASKI, VA 24301

TARGET PROPERTY COORDINATES

Latitude (North):	37.0564 - 37° 3' 23.04"
Longitude (West):	80.7317 - 80° 43' 54.12"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	523855.2
UTM Y (Meters):	4100959.2
Elevation:	2024 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37080-A6 DUBLIN, VA
Most Recent Revision:	1984

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

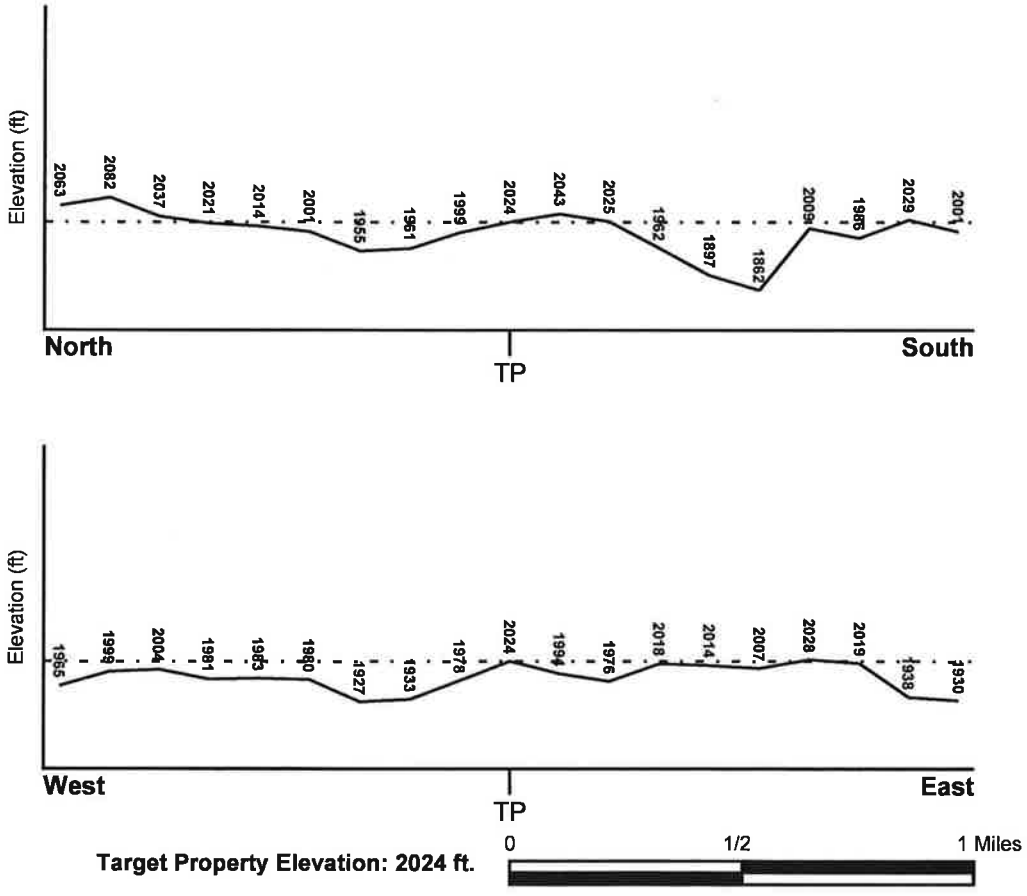
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
PULASKI, VA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 51155C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
DUBLIN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	C *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:	CHILHOWIE
Soil Surface Texture:	silty clay loam
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel:	HIGH
Depth to Bedrock Min:	> 20 inches
Depth to Bedrock Max:	> 40 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	5 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 8.40 Min: 6.10
2	5 inches	13 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.10
3	13 inches	25 inches	extremely channery - clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
4	25 inches	29 inches	unweathered bedrock	Not reported	Not reported	Max: 20.00 Min: 2.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silty clay
silt loam
unweathered bedrock

Surficial Soil Types: silty clay
silt loam
unweathered bedrock

Shallow Soil Types: silty clay loam
silty clay

Deeper Soil Types: clay

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

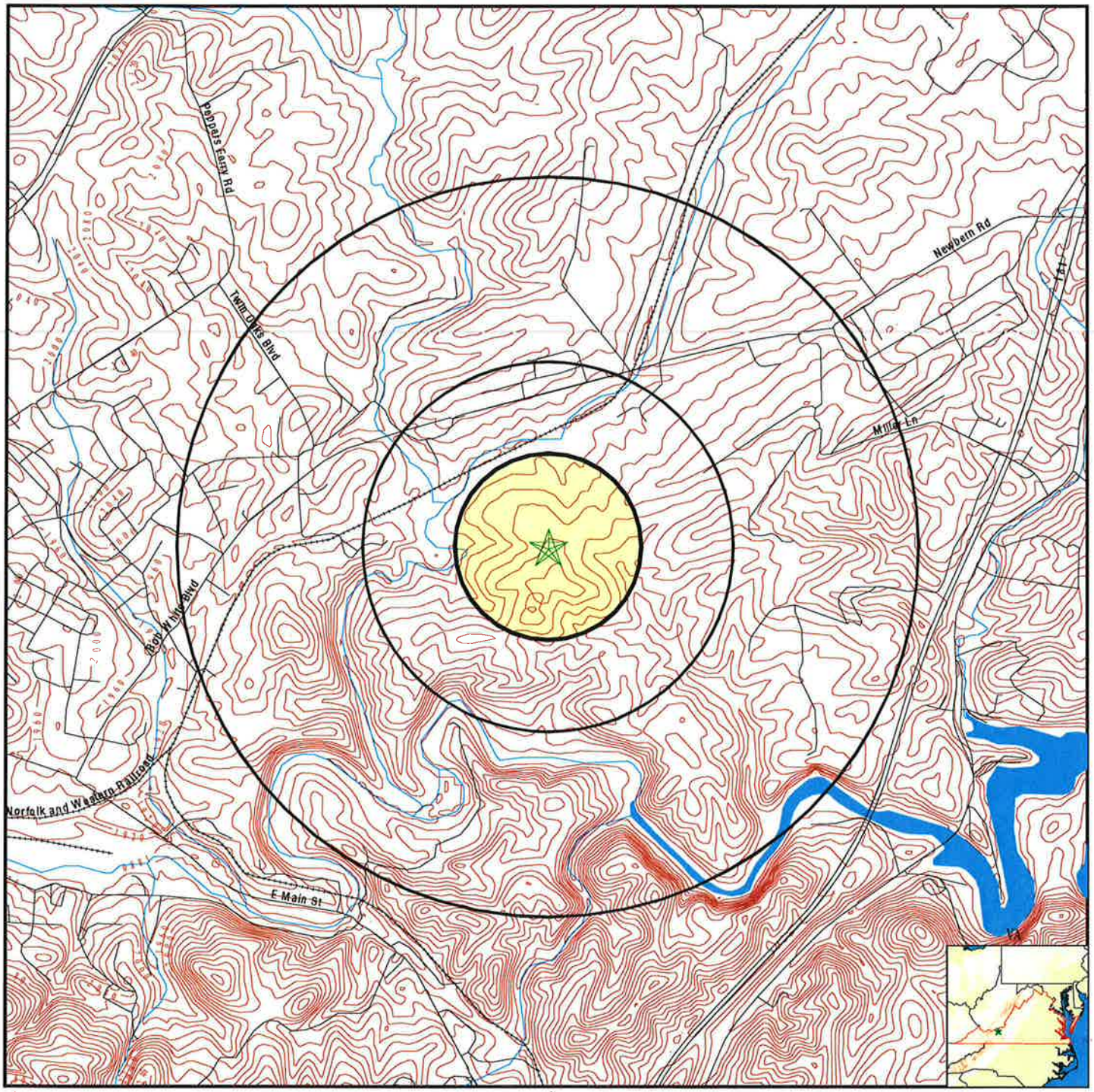
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3446161.2s



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

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

SITE NAME:	Pulaski Feasibility Study - Railroad	CLIENT:	AECOM
ADDRESS:	Pulaski Feasibility Study - Railroad Pulaski VA 24301	CONTACT:	Brendan Mcguinness
		INQUIRY #:	3446161.2s
LAT/LONG:	37.0564 / 80.7317	DATE:	November 02, 2012 3:06 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 24301

Number of sites tested: 223.

Maximum Radon Level: 36.7 pCi/L.
Minimum Radon Level: 0.5 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
120 (53.81%)	57 (25.56%)	35 (15.70%)	11 (4.93%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for PULASKI County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Virginia Public Water Supplies
Source: Department of Health, Office of Water Programs
Telephone: 804-786-1756

OTHER STATE DATABASE INFORMATION

Virginia Oil and Gas Wells
Source: Department of Mines, Minerals and Energy
Telephone: 804-692-3200
A listing of oil and gas well locations

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

EPA Region 3 Statistical Summary Readings
Source: Region 3 EPA
Telephone: 215-814-2082
Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Pulaski Feasibility Study - Railroad
Pulaski Feasibility Study - Railroad
Pulaski, VA 24301

Inquiry Number: 3446161.8s
November 02, 2012

EDR NEPACheck®

EDR® Environmental Data Resources Inc

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

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

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EDR NEPACheck® DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

Section	Regulation
Natural Areas Map	
• Federal Lands Data:	
- Officially designated wilderness areas	47 CFR 1.1307(1)
- Officially designated wildlife preserves, sanctuaries and refuges	47 CFR 1.1307(2)
- Wild and scenic rivers	40 CFR 6.302(e)
- Fish and Wildlife	40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	47 CFR 1.1307(3); 40 CFR 6.302
Historic Sites Map	
• National Register of Historic Places • State Historic Places (where available) • Indian Reservations	47 CFR 1.1307(4); 40 CFR 6.302
Flood Plain Map	
• National Flood Plain Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302
Wetlands Map	
• National Wetlands Inventory Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302
FCC & FAA Map	
• FCC antenna/tower sites, FAA Markings and Obstructions, Airports, Topographic gradient	47 CFR 1.1307(8)
Key Contacts and Government Records Searched	

MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 23 of this report.

TARGET PROPERTY ADDRESS

PULASKI FEASIBILITY STUDY - RAILROAD
PULASKI FEASIBILITY STUDY - RAILROAD
PULASKI, VA 24301

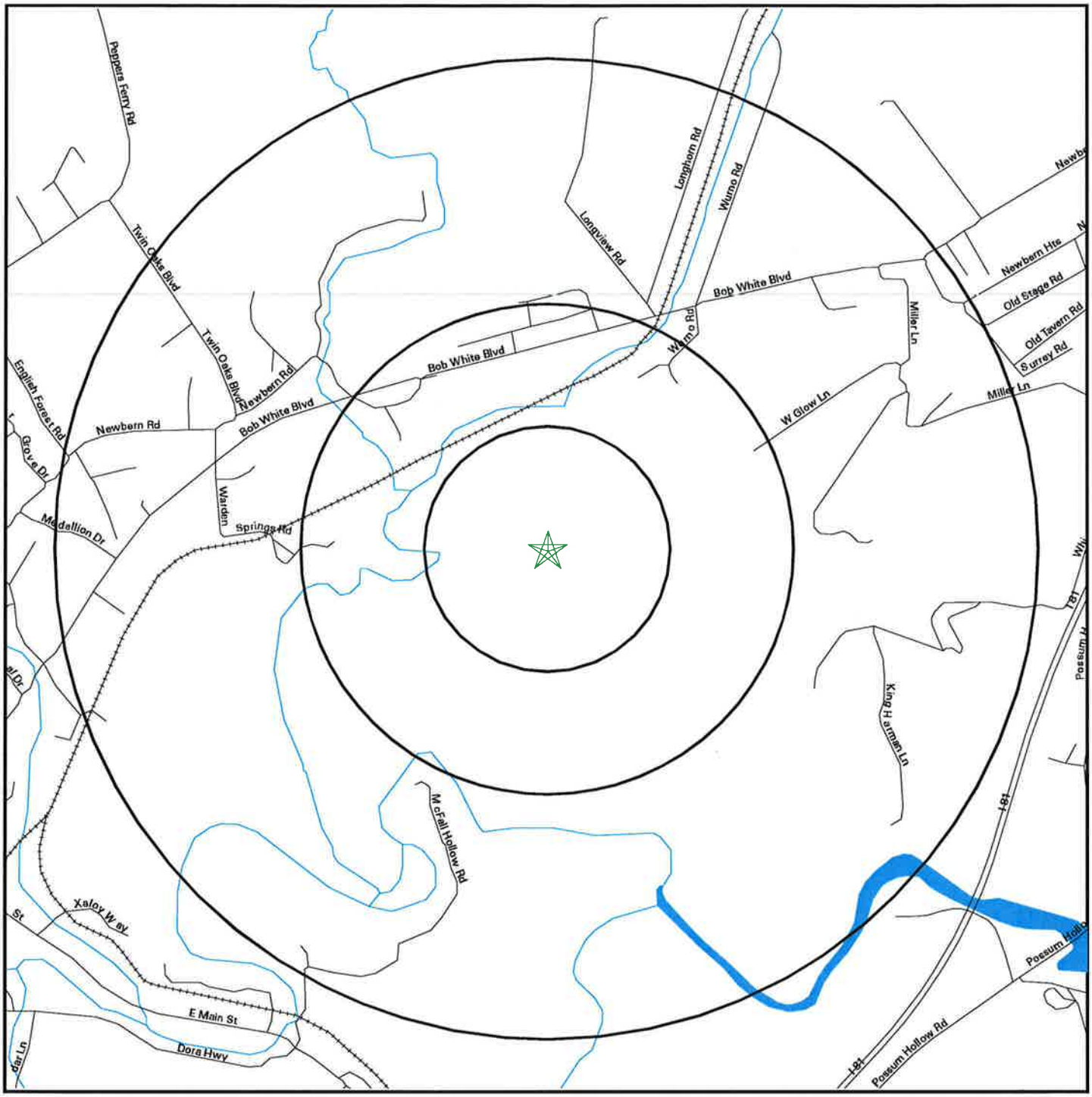
Inquiry #: 3446161.8s
Date: 11/2/12

TARGET PROPERTY COORDINATES

Latitude (North):	37.056400 - 37° 3' 23.0"
Longitude (West):	80.731697 - 80° 43' 54.1"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	523855.2
UTM Y (Meters):	4100959.2

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
NATURAL AREAS MAP				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	VA Endangered Species	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A
HISTORIC SITES MAP				
1.1307a (4) Listed or eligible for National Register	VA Historic Sites	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	NO	NO
	Indian Reservation	1.00	NO	NO
	APPAL_TRAIL	1.00	NO	NO
FLOODPLAIN MAP				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	NO
WETLANDS MAP				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	NO
FCC & FAA SITES MAP				
	Cellular	1.00	NO	NO
	4G Cellular	1.00	NO	NO
	Antenna Structure Registration	1.00	NO	NO
	Towers	1.00	NO	NO
	AM Antenna	1.00	NO	NO
	FM Antenna	1.00	NO	NO
	FAA DOF	1.00	NO	NO
	Airports	1.00	NO	---
	Power Lines	1.00	YES	---

Natural Areas Map



- ★ Target Property
- Roads
- County Boundary
- Waterways
- Water
- Locations
- Federal Areas
- Federal Linear Features
- State Areas
- State Linear Features

SITE NAME: Pulaski Feasibility Study - Railroad	CLIENT: AECOM
ADDRESS: Pulaski Feasibility Study - Railroad Pulaski VA 24301	CONTACT: Brendan Mcguinness INQUIRY #: 3446161.8s
LAT/LONG: 37.0564 / 80.7317	DATE: November 2, 2012

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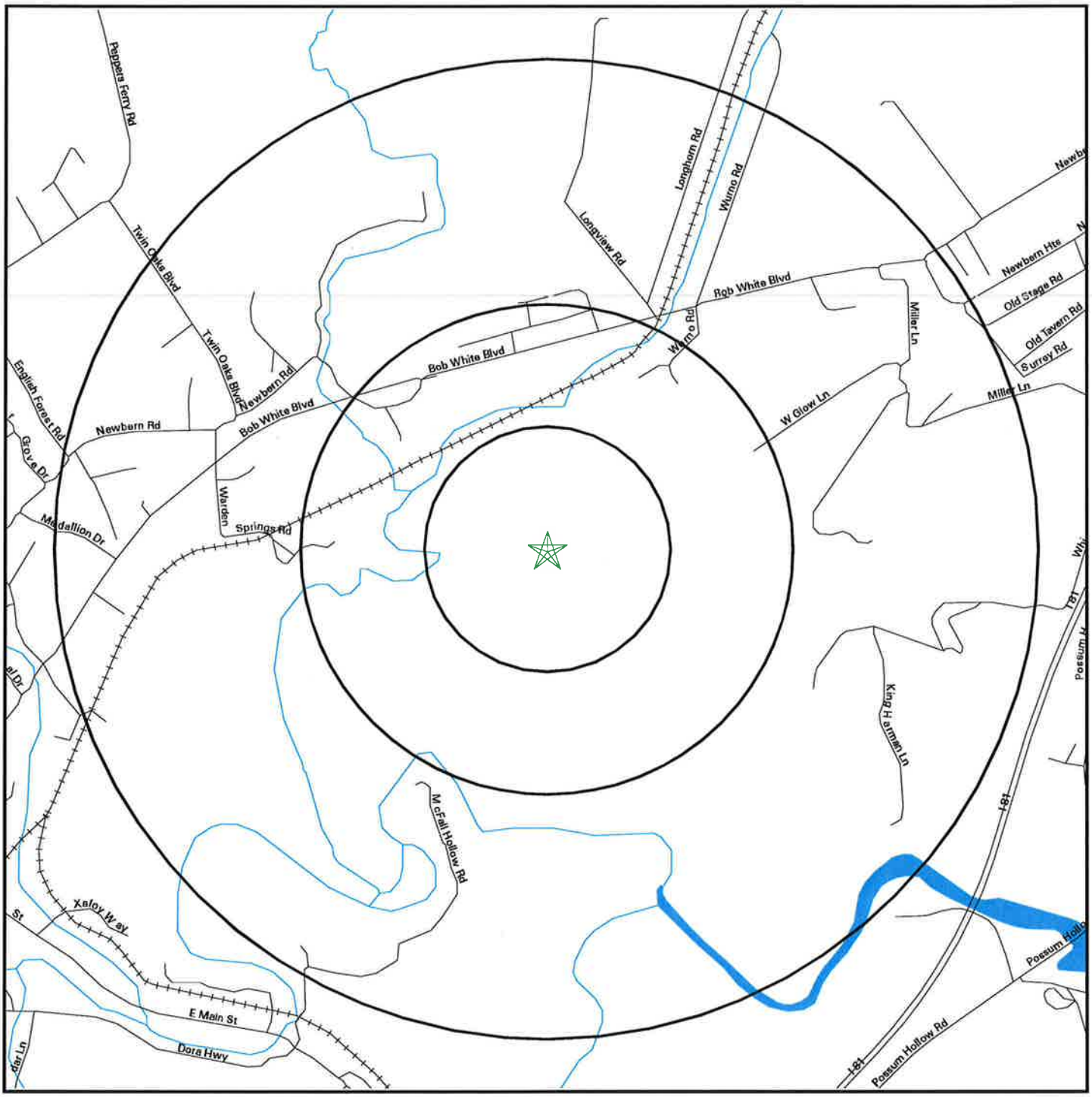
NATURAL AREAS MAP FINDINGS

Endangered Species Listed for: PULASKI County, VA.
Source: EPA Endangered Species Protection Program Database
PLANT: CONEFLOWER, SMOOTH
SNAIL: SNAIL, VIRGINIA FRINGED MOUNTAIN

Map ID Direction Distance Distance (ft.)	EDR ID Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

Historic Sites Map



- Target Property
- Streets
- County Boundary
- Waterways
- Water
- Historic Sites
- Federal Historic Areas
- State Historic Areas
- US Indian Reservations
- Scenic Trail

SITE NAME:	Pulaski Feasibility Study - Railroad	CLIENT:	AECOM
ADDRESS:	Pulaski Feasibility Study - Railroad Pulaski VA 24301	CONTACT:	Brendan Mcguinness
		INQUIRY #:	3446161.8s
LAT/LONG:	37.0564 / 80.7317	DATE:	November 2, 2012

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HISTORIC SITES MAP FINDINGS

Map ID Direction Distance Distance (ft.)	EDR ID Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Unmappable
00001432
National Register of Hist. Places

Resname:	Calfee Athletic Field
Address:	Washington and Pierce Aves., SE
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	20001122
Multname:	Not Reported
Acre:	15.0+

Unmappable
VA10001274
VA Historic Sites

County:	PULASKI COUNTY
Name:	DALTON THEATRE BUILDING
City:	Pulaski
Site desc1:	Designed by James C. Lombard and Co. of Washington, D.C., and opened in 1921, the Dalton Theatre followed the prototype theater design of Louis Sullivan's Auditorium Theatre in Chicago, in which the theater section is fronted by an office building. I
Site desc2:	ts original owner was the firm of Dalton Brothers and Richardson. The plain, businesslike exterior contrasted with rich plasterwork decorations of the theater interior, which collapsed in a flood over a decade ago. The original tenants of the shop fr
Site desc3:	onts were a bank and a drugstore; offices and apartments occupied the upper two floors. The the ater had one of the largest stage areas on the rail line between Richmond and Tennessee and accommodated vaudeville performances in its heyday. Vaudeville
Site desc4:	shows ended by the 1930s, but the theater continued to exhibit films until the mid-1960s.
Site desc5:	Not Reported
Site number:	125-02
Vlr date:	11/15/77
Added date:	05/07/79
Edr id:	VA10001274
Isgeo:	N

Unmappable
VA10001748
VA Historic Sites

County:	WYTHE COUNTY
Name:	MARTIN ARCHAEOLOGICAL SITE
City:	Draper vicinity
Site desc1:	On the banks of the New River, this Indian site was occupied during the Late Woodland period (A.D. 900-1600). Test excavations on the site

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Site desc2:	have established the presence of an Indian village, probably consisting of a cluster of domelike structures and perhaps enclosed by a palisade. Evidence of a succession of earlier occupations is preserved in the stratigraphy beneath the village remains. Artifacts found on the site include pottery sherds, stone tools, ceramic and shell trade items, and floral
Site desc3:	and faunal remains. A rare shell gorget is among the more interesting items to have been unearthed.
Site desc4:	Not Reported
Site desc5:	Not Reported
Site number:	98-46
Vlr date:	04/16/74
Added date:	08/13/74
Edr id:	VA10001748
Isgeo:	N

Unmappable
86000405
National Register of Hist. Places

Resname:	Pulaski Historic Commercial District
Address:	Roughly bounded by Third St., Madison Ave., Norfolk & Western RR tracks, and Randolph Ave.
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	19860313
Multname:	Not Reported
Acre:	46.0+

Unmappable
88001216
National Register of Hist. Places

Resname:	Pulaski Historic Residential District
Address:	Roughly bounded by Eleventh St., Prospect, Madison and Washington Aves., Second St., and Henry Ave.
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	19880811
Multname:	Not Reported
Acre:	145.0+

Unmappable
91001580
National Register of Hist. Places

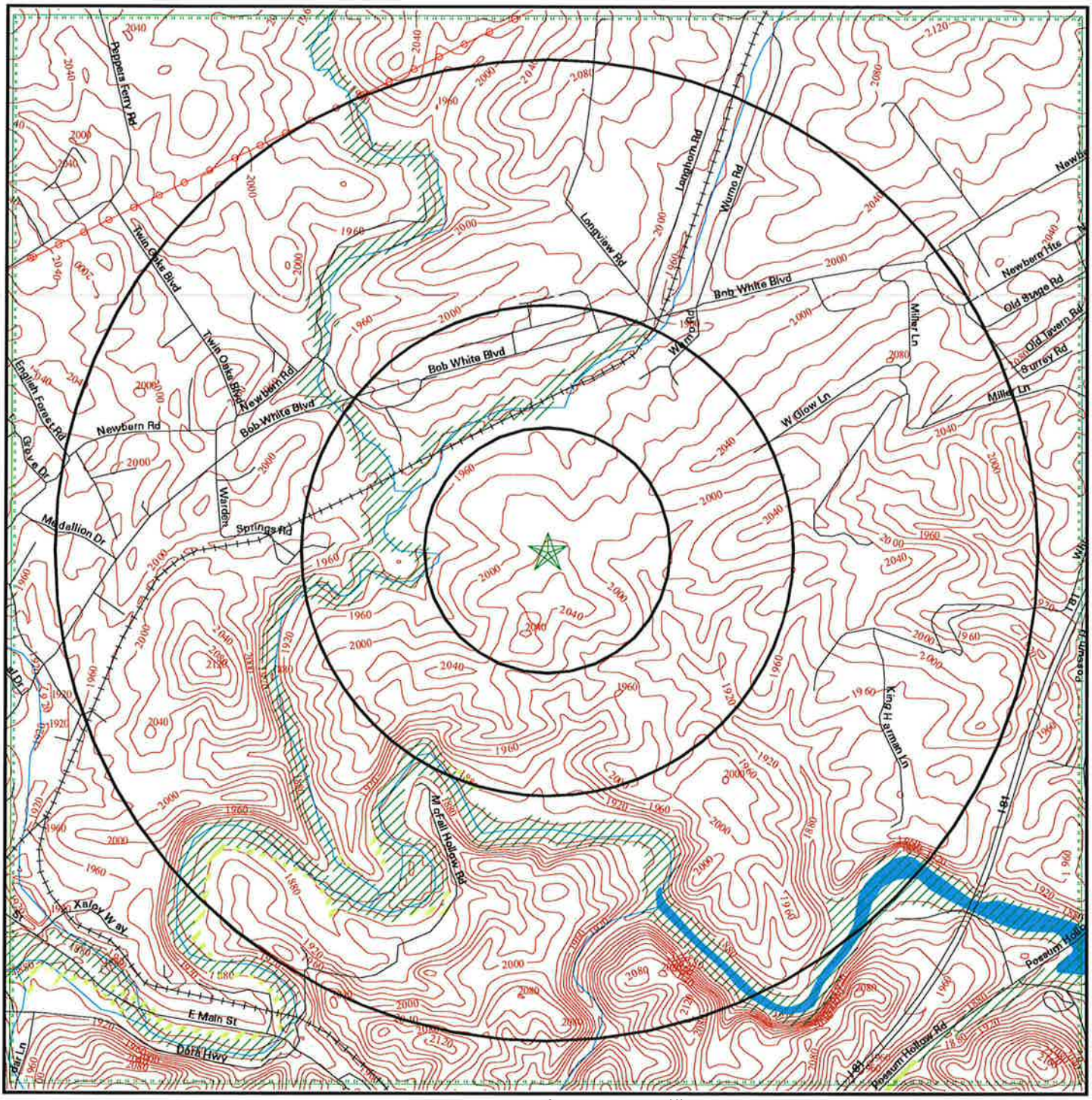
UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Resname:	Pulaski South Historic Residential and Industrial District
Address:	Roughly bounded by Bertha St., Commerce St., Pierce Ave., 5th St. and Pulaski St.
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	19911029
Multname:	Not Reported
Acre:	112.0+

Flood Plain Map



SITE NAME:	Pulaski Feasibility Study - Railroad	CLIENT:	AECOM
ADDRESS:	Pulaski Feasibility Study - Railroad Pulaski VA 24301	CONTACT:	Brendan Mcguinness
		INQUIRY #:	3446161.8s
LAT/LONG:	37.0564 / 80.7317	DATE:	November 2, 2012

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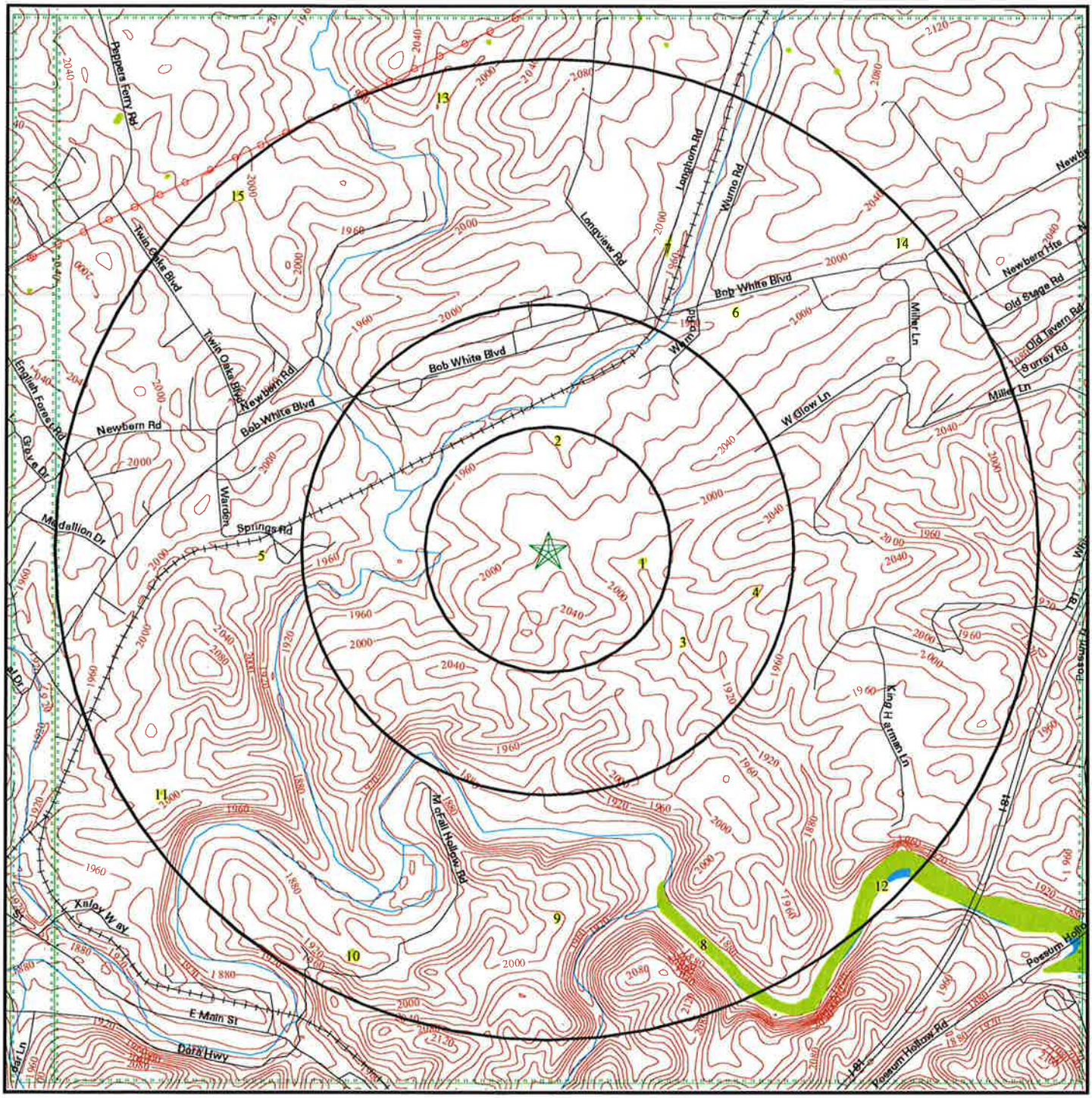
FLOOD PLAIN MAP FINDINGS

Source: FEMA DFIRM Flood Data, FEMA Q3 Flood Data

County	FEMA flood data electronic coverage
PULASKI, VA	YES
Flood Plain panel at target property:	51155C (FEMA DFIRM Flood data)
Additional Flood Plain panel(s) in search area:	None Reported

National Wetlands Inventory Map



0 1/4 1/2 1 Miles

- Major Roads
- Contour Lines
- Waterways
- County Boundary
- Power Lines
- Pipe Lines
- Fault Lines
- Water
- National Wetlands Inventory
- Electronic NWI data available
- Electronic NWI data not available

SITE NAME:	Pulaski Feasibility Study - Railroad	CLIENT:	AECOM
ADDRESS:	Pulaski Feasibility Study - Railroad Pulaski VA 24301	CONTACT:	Brendan Mcguinness
LAT/LONG:	37.0564 / 80.7317	INQUIRY #:	3446161.8s
		DATE:	November 2, 2012

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WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Dublin
Additional NWI hardcopy map(s) in search area:
Pulaski

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
1 East 1/8-1/4 mi 972	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.056038 / -80.728394	NWI
2 North 1/8-1/4 mi 1166	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.059589 / -80.731316	NWI
3 SE 1/4-1/2 mi 1707	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.053783 / -80.726837	NWI
4 East 1/4-1/2 mi 2239	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.055256 / -80.724152	NWI
5 West 1/2-1 mi 3031	PUBFh [P] Palustrine, [UB] Unconsolidated Bottom, [F] Semipermanently Flooded, [h] Diked/Impounded Lat/Lon: 37.056267 / -80.742088	NWI
6 NE 1/2-1 mi 3240	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.063435 / -80.724892	NWI
7 NNE 1/2-1 mi 3391	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.065048 / -80.727371	NWI
8 SSE 1/2-1 mi 3761	L1UBHh [L] Lacustrine, [1] Limnetic, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.046619 / -80.727531	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
9 South 1/2-1 mi 3908	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.045666 / -80.731308	NWI
10 SSW 1/2-1 mi 4769	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.044579 / -80.738754	NWI
11 WSW 1/2-1 mi 4875	PUSCx [P] Palustrine, [US] Unconsolidated Shore, [C] Seasonally Flooded, [x] Excavated Lat/Lon: 37.049343 / -80.745895	NWI
12 SE 1/2-1 mi 4902	L1UBHh [L] Lacustrine, [1] Limnetic, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.046978 / -80.719681	NWI
13 NNW 1/2-1 mi 4989	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.069733 / -80.735649	NWI
14 NE 1/2-1 mi 4999	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.065411 / -80.718765	NWI
15 NW 1/2-1 mi 5052	PEM1A [P] Palustrine, [EM] Emergent, [1] Persistent, [A] Temporarily Flooded Lat/Lon: 37.066879 / -80.743050	NWI

*See Wetland Classification System for additional information.

WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

SYSTEM — **MARINE**

SUBSYSTEM — **1 - SUBTIDAL** — **2 - INTERTIDAL**

CLASS	Subclass (1 - SUBTIDAL)	Subclass (2 - INTERTIDAL)
RB-ROCK BOTTOM	1 Bedrock 2 Rubble	
UB-UNCONSOLIDATED BOTTOM	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	
AB-AQUATIC BED	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Algal 3 Rooted Vascular 5 Unknown Submergent
RF-REEF	1 Coral 3 Worm	1 Coral 3 Worm
OW-OPEN WATER / Unknown Bottom		
RS-ROCKY SHORE		1 Bedrock 2 Rubble
US-UNCONSOLIDATED SHORE		1 Cobble-Gravel 2 Sand 3 Mud 4 Organic

SYSTEM — **E - ESTUARINE**

SUBSYSTEM — **1 - SUBTIDAL**

CLASS	Subclass
RB-ROCK BOTTOM	1 Bedrock 2 Rubble
UB-UNCONSOLIDATED BOTTOM	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic
AB-AQUATIC BED	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface
RF-REEF	2 Mollusk 3 Worm
OW-OPEN WATER / Unknown Bottom	

SUBSYSTEM — **2 - INTERTIDAL**

CLASS	Subclass
AB-AQUATIC BED	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface
RF-REEF	2 Mollusk 3 Worm
SB - STREAMBED	1 Cobble- Gravel 2 Sand 3 Mud 4 Organic
RS-ROCKY SHORE	1 Bedrock 2 Rubble
US-UNCONSOLIDATED SHORE	1 Cobble- Gravel 2 Sand 3 Mud 4 Organic
EM-EMERGENT	1 Persistent 2 Nonpersistent
SS-SCRUB SHRUB	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen
FO-FORESTED	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen

SYSTEM — **R - RIVERINE**

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	RB-ROCK BOTTOM UB-UNCONSOLIDATED BOTTOM *SB-STREAMBED AB-AQUATIC BED RS-ROCKY SHORE US-UNCONSOLIDATED SHORE **EM-EMERGENT OW-OPEN WATER/ Unknown Bottom				
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent

* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.
**EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM — **L - LACUSTRINE**

SUBSYSTEM	1 - LIMNETIC	2 - LITTORAL
CLASS	RB-ROCK BOTTOM UB-UNCONSOLIDATED BOTTOM AB-AQUATIC BED OW-OPEN WATER/ Unknown Bottom	RB-ROCK BOTTOM UB-UNCONSOLIDATED BOTTOM AB-AQUATIC BED RS-ROCKY SHORE US-UNCONSOLIDATED SHORE EM-EMERGENT OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble 1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble 1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface 1 Bedrock 2 Rubble 1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated 2 Nonpersistent

SUBSYSTEM — **P - PALUSTRINE**

CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS-LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Bottom									
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6Deciduous 7 Evergreen	

MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME

Non-Tidal

- A Temporarily Flooded
- B Saturated
- C Seasonally Flooded
- D Seasonally Flooded/ Well Drained
- E Seasonally Flooded/ Saturated
- F Semipermanently Flooded
- G Intermittently Exposed

Tidal

- H Permanently Flooded
- J Intermittently Flooded
- K Artificially Flooded
- W Intermittently Flooded/Temporary
- Y Saturated/Semipermanent/ Seasonal
- Z Intermittently Exposed/Permanent
- U Unknown

CoastalHalinityInlandSalinitypHModifiersfor

- K Artificially Flooded
- L Subtidal
- M Irregularly Exposed
- N Regularly Flooded
- P Irregularly Flooded
- *S Temporary-Tidal
- *R Seasonal-Tidal
- *T Semipermanent -Tidal
- V Permanent -Tidal
- U Unknown

*These water regimes are only used in tidally influenced, freshwater systems.

WATER CHEMISTRY

- 1 Hyperhaline
- 2 Euhaline
- 3 Mixohaline (Brackish)
- 4 Polyhaline
- 5 Mesohaline
- 6 Oligohaline
- 0 Fresh
- 7 Hypersaline
- 8 Eusaline
- 9 Mixosaline
- 0 Fresh

all Fresh Water

- a Acid
- t Circumneutral
- i Alkaline

SOIL

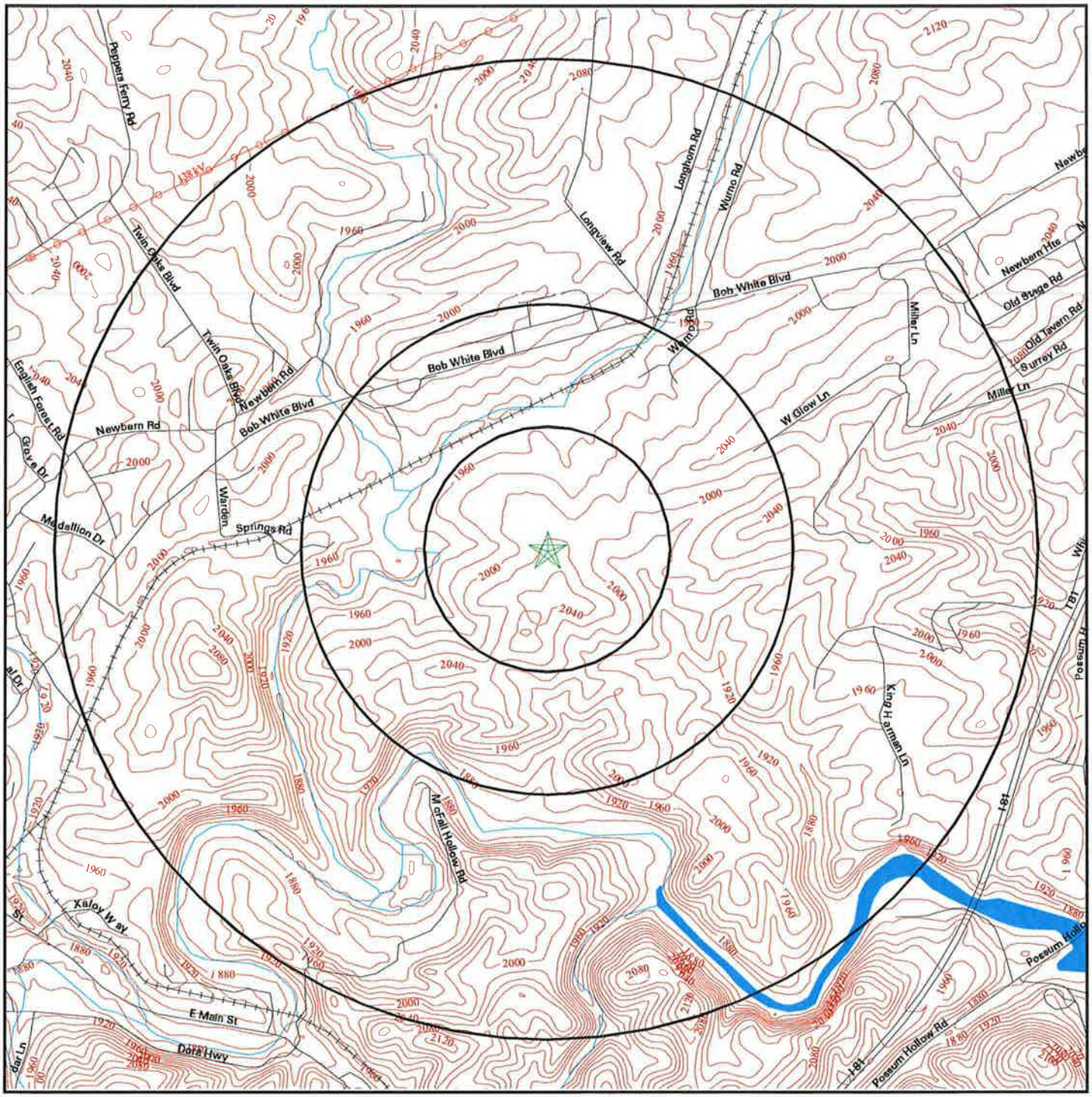
- g Organic
- n Mineral

SPECIAL MODIFIERS

- b Beaver
- d Partially Drained/Ditched
- f Farmed
- h Diked/Impounded
- r Artificial Substrate
- s Spoil
- x Excavated

Source: U.S. Department of the Interior
Fish and Wildlife Service
National Wetlands Inventory

FCC & FAA Sites Map



SITE NAME:	Pulaski Feasibility Study - Railroad	CLIENT:	AECOM
ADDRESS:	Pulaski Feasibility Study - Railroad Pulaski VA 24301	CONTACT:	Brendan Mcguinness
		INQUIRY #:	3446161.8s
LAT/LONG:	37.0564 / 80.7317	DATE:	November 2, 2012

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FCC & FAA SITES MAP FINDINGS
TOWERS

Map ID Direction Distance Distance (ft.)	EDR ID Database

No Sites Reported.

FCC & FAA SITES MAP FINDINGS
AIRPORTS

EDR ID
Database

No Sites Reported.

FCC & FAA SITES MAP FINDINGS
POWERLINES

EDR ID
Database

POW10000010439
POWERLINES

Name:	Appal
Id:	2858
Kv:	138
Label:	138 kV
Company:	Appalachian Power Co.
Companyabb:	Appalachian Power
Edr id:	POW10000010439

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

NATURAL AREAS
Officially designated wilderness areas
Government Records Searched in This Report

FED_LAND: Federal Lands
Source: USGS
Telephone: 703-648-5094
Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.
- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.
Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

National Park Service, Northeast Region
200 custom Street, Fifth Floor
Philadelphia, PA 19106
215-597-7013

National Park Service, National Capital Region
1100 Ohio Drive, SW
Washington, DC 20242
202-619-7256

USDA Forest Service, Southern
1720 Peachtree Road, N.W.
Atlanta, GA 30367
404-347-2384

BLM - Eastern States Office
7450 Boston Blvd.
Springfield, VA 22153
703-440-1713

Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

Officially designated wildlife preserves, sanctuaries and refuges
Government Records Searched in This Report

FED_LAND: Federal Lands
Source: USGS
Telephone: 703-648-5094
Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.
- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.
Date of Government Version: 12/31/2005

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

State Contacts for Additional Information

Wild and scenic rivers

Government Records Searched in This Report

FED_LAND: Federal Lands
Source: USGS
Telephone: 703-648-5094
Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.
- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

Endangered Species

Government Records Searched in This Report

Endangered Species Protection Program Database
A listing of endangered species by county.
Source: Environmental Protection Agency
Telephone: 703-305-5239

VA Endangered Species: VA Endangered Species
Virginia Endangered Species
Source: Department of Game and Inland Fisheries.
Telephone: 804-367-1000

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

State Contacts for Additional Information

Div. Of Natural Heritage, Dept. of Conservation & Recreation 804-367-1000

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES
Historic Places
Government Records Searched in This Report
National Register of Historic Places:
The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.
The National Register includes:
- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 03/23/2006

VA Historic Sites: The Virginia Landmarks Register
A listing of historic sites on the State register. A compliation of the states buildings structures sites and districts that have been officially designated as historic landmarks by the Virginia Board of Historic Resources over the past thirty years.
Source: Department of Historic Resources.
Telephone: 804-367-2323

Federal Contacts for Additional Information
Park Service; Advisory Council on Historic Preservation
1849 C Street NW
Washington, DC 20240
Phone: (202) 208-6843

State Contacts for Additional Information
Department of Historic Resources 804-367-2323

Indian Religious Sites
Government Records Searched in This Report
Indian Reservations:
This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.
Source: USGS
Phone: 888-275-8747
Date of Government Version: 12/31/2005

Federal Contacts for Additional Information
Department of the Interior- Bureau of Indian Affairs
Office of Public Affairs
1849 C Street, NW
Washington, DC 20240-0001
Office: 202-208-3711
Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers
1411 K Street NW, Suite 700
Washington, DC 20005
Phone: 202-628-8476
Fax: 202-628-2241

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

State Contacts for Additional Information
A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:
http://www.doi.gov/bia/areas/agency.html

Scenic Trails

Government Records Searched in This Report
APPAL_TRAIL: Appalachian Trail
Source: Appalachian Trail Conference
Telephone: (304) 535-6331
Appalachian Trail centerline.

State Contacts for Additional Information
Appalachian Trail Conference
799 Washington Street P.O. Box 807
Harpers Ferry, WV 25425-0807
(304) 535-6331

Potomac Heritage Partnership
1623 28th Street, NW
Washington, D.C. 20007
202-338-6222

FLOOD PLAIN, WETLANDS AND COASTAL ZONE

Flood Plain Management
Government Records Searched in This Report
Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Federal Contacts for Additional Information
Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information
Department of Emergency Services 804-897-6500

Wetlands Protection
Government Records Searched in This Report
NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2004 from the U.S. Fish and Wildlife Service.

Federal Contacts for Additional Information
Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information
Dept. of Game & Inland Fisheries 804-367-9231

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Coastal Zone Management
Government Records Searched in This Report
CAMA Management Areas
Dept. of Env., Health & Natural Resources
919-733-2293

Federal Contacts for Additional Information
Office of Ocean and Coastal Resource Management
N/ORM, SSMC4
1305 East-West Highway
Silver Spring, Maryland 20910
301-713-3102

State Contacts for Additional Information
Coastal Program, Dept. of Environmental Quality 804-698-4320

FCC & FAA SITES MAP
For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

Government Records Searched in This Report
Cellular
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

4G Cellular
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

Antenna Structure Registration
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

Towers
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

AM Antenna
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

FM Antenna
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

FAA Digital Obstacle File
Federal Aviation Administration (FAA)
1305 East-West Highway, Station 5631
Silver Sprinng, MD 20910-3281
Telephone: 301-713-2817
Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

Airport Landing Facilities
Federal Aviation Administration
Telephone (800) 457-6656
Private and public use landing facilities.

Electric Power Transmission Line Data
Rextag Strategies Corp.
14405 Walters Road, Suite 510
Houston, TX 77014
281-769-2247
U.S. Electric Transmission and Power Plants systems Digital GIS Data.

Excessive Radio Frequency Emission
For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

Federal Contacts for Additional Information
Office of Engineering and Technology
Federal Communications Commission
445 12th Street SW
Washington, DC 20554
Phone: 202-418-2470

OTHER CONTACT SOURCES

STREET AND ADDRESS INFORMATION

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Pulaski Feasibility Study - Railroad
Pulaski Feasibility Study - Railroad
Pulaski, VA 24301

Inquiry Number: 3446161.6
November 09, 2012

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

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

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2012	☑	☐	Polk's City Directory
2006	☐	☐	Polk's City Directory
2000	☐	☐	Polk's City Directory
1995	☐	☐	Polk's City Directory
1988	☐	☐	Polk's City Directory
1982	☐	☐	Hill's City Directory
1975	☐	☐	Hill's City Directory
1968	☐	☐	Hill's City Directory
1961	☐	☐	Miller's City Directory

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FINDINGS

TARGET PROPERTY STREET

Pulaski Feasibility Study - Railroad
Pulaski, VA 24301

Year	CD Image	Source	
James Hardie Way			
2012	pg A1	Polk's City Directory	
2006	-	Polk's City Directory	Street not listed in Source
2000	-	Polk's City Directory	Street not listed in Source
1995	-	Polk's City Directory	Street not listed in Source
1988	-	Polk's City Directory	Street not listed in Source
1982	-	Hill's City Directory	Street not listed in Source
1976	-	Hill's City Directory	Street not listed in Source
1968	-	Hill's City Directory	Street not listed in Source
1961	-	Miller's City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

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City Directory Images

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Target Street	Cross Street	Source
✓	-	Polk's City Directory

James Hardie Way 2012

+ OLD ROBINSON TRACT RD INTERSECTS
+ THAXTON RD INTERSECTS

HOUSEHOLDS 10

JAMES WAY (FAIRLAWN)-FROM 7253 GATE 10 RD NORTH
• ZIP CODE 24141 CAR-RT R002

~~7490 Kaatz Matthew S & Tina M ✓ [10] ▲(1977)~~
7495 Brown Bobby B & Franchell M ✓ [10] ▲(1977)
.....540-639-0122
7498 Koser Melissa ✓ [4]
Koser Andrew J
7501 McCroskey James G & Charlotte B ✓ @ [17] ▲(1977)
.....540-639-3372
7511 No Current Listing

HOUSEHOLDS 5

JAMES HARDY WAY (PULASKI)
• ZIP CODE 24301 CAR-RT R005

100 CONROCK concrete constr forms & acces ✓ @
.....540-980-7442
1000 Ⓝ Armes George E ✓
Castillo Maria [7]

This directory is property of Polk City Directories. I

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Environmental Report 3:

Site 6, Billboard East End

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Pulaski Feasibility Study - 6 and 7

Pulaski Feasibility Study - 6 and 7

Pulaski, VA 24301

Inquiry Number: 3446172.3

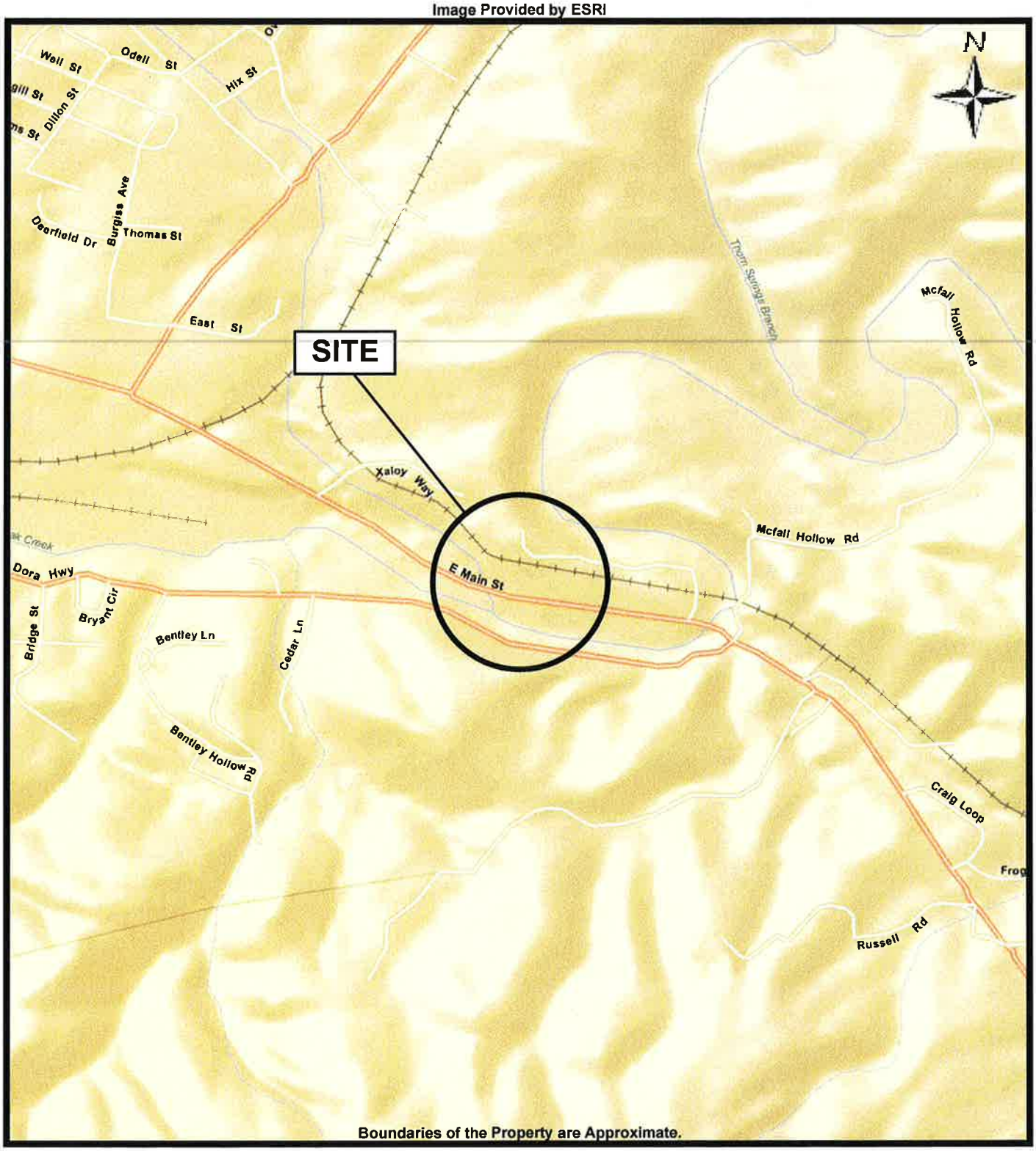
November 02, 2012

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

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

Image Provided by ESRI



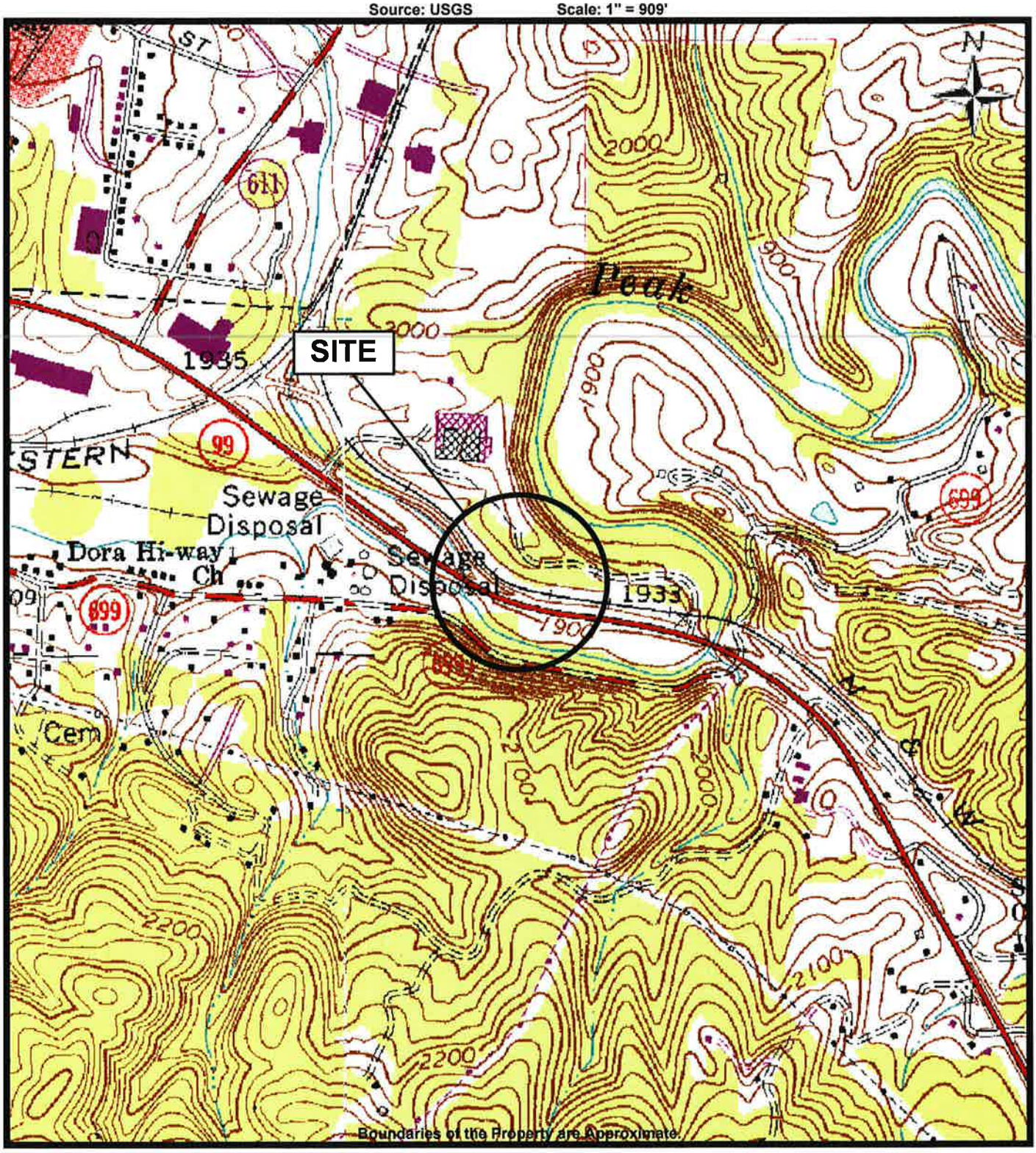
Boundaries of the Property are Approximate.

AECOM

SITE LOCATION MAP
3446172 - Pulaski Feasibility Study - 6 and 7
Pulaski Feasibility Study - 6 and 7
Pulaski, VA 24301

PREPARED FOR:
PROJ. MGR: **DATE: 11/02/2012**
DRAWN BY: Brendan Mcguinness **PROJ. #: 60272322.1**

Image Provided by Environmental Data Resources, Inc.
Source: USGS Scale: 1" = 909'



AECOM

SITE LOCATION MAP
3446172 - Pulaski Feasibility Study - 6 and 7
Pulaski Feasibility Study - 6 and 7
Pulaski, VA 24301

PREPARED FOR:
PROJ. MGR:
DRAWN BY: Brendan Mcguinness

DATE: 11/02/2012
PROJ. #: 60272322.1

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Pulaski Feasibility Study - 6 and 7
Pulaski Feasibility Study - 6 and 7
Pulaski, VA 24301

Inquiry Number: 3446172.4
November 02, 2012

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

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

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
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with any questions or comments.

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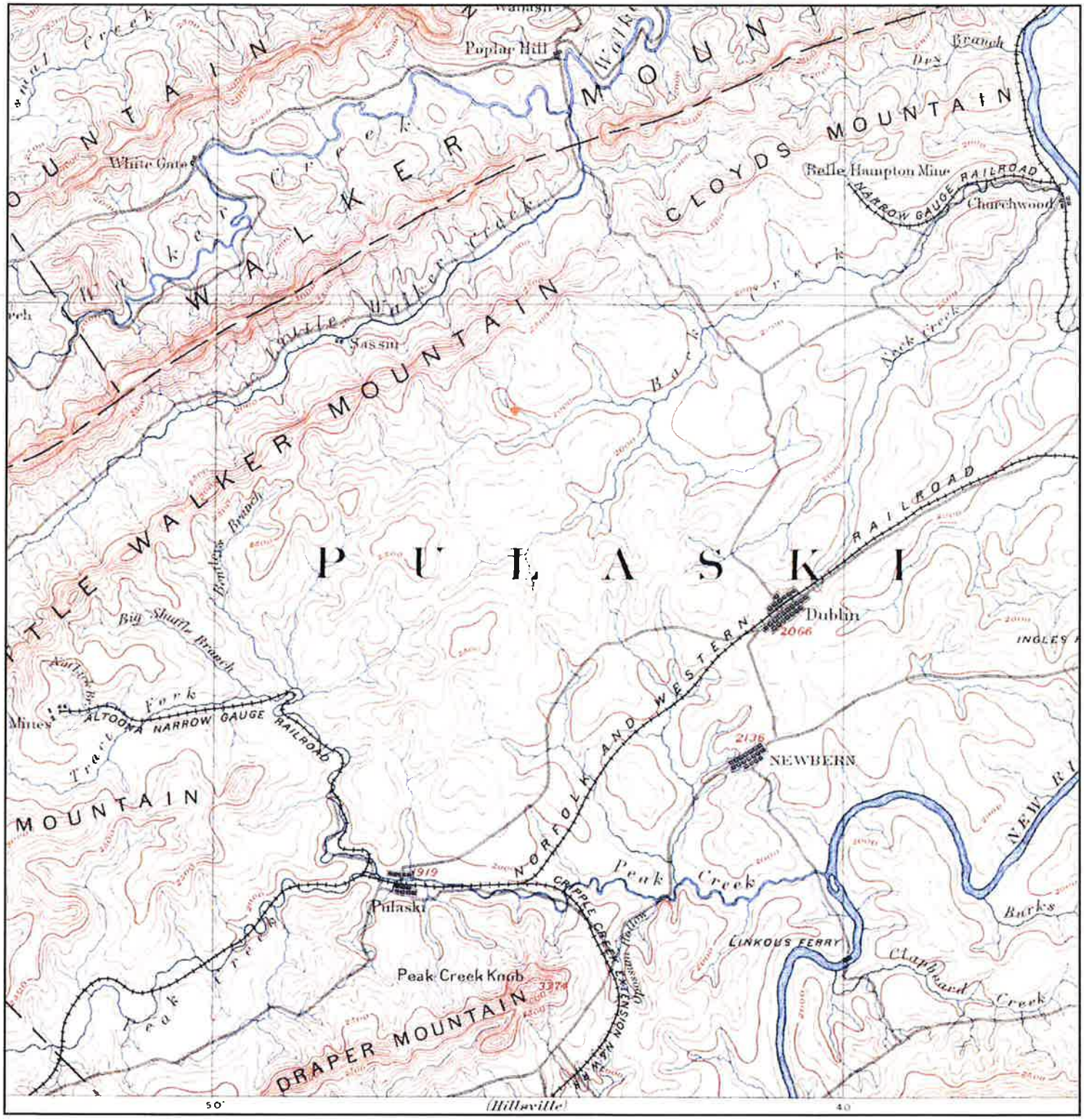
Historical Topographic Map



N	TARGET QUAD NAME:	DUBLIN	SITE NAME:	Pulaski Feasibility Study - 6 and 7	CLIENT: AECOM
	MAP YEAR:	1891	ADDRESS:	Pulaski Feasibility Study - 6 and 7	CONTACT: Brendan Mcguinness
	SERIES:	30		Pulaski, VA 24301	INQUIRY#: 3446172.4
	SCALE:	1:125000	LAT/LONG:	37.043 / -80.7458	RESEARCH DATE: 11/02/2012

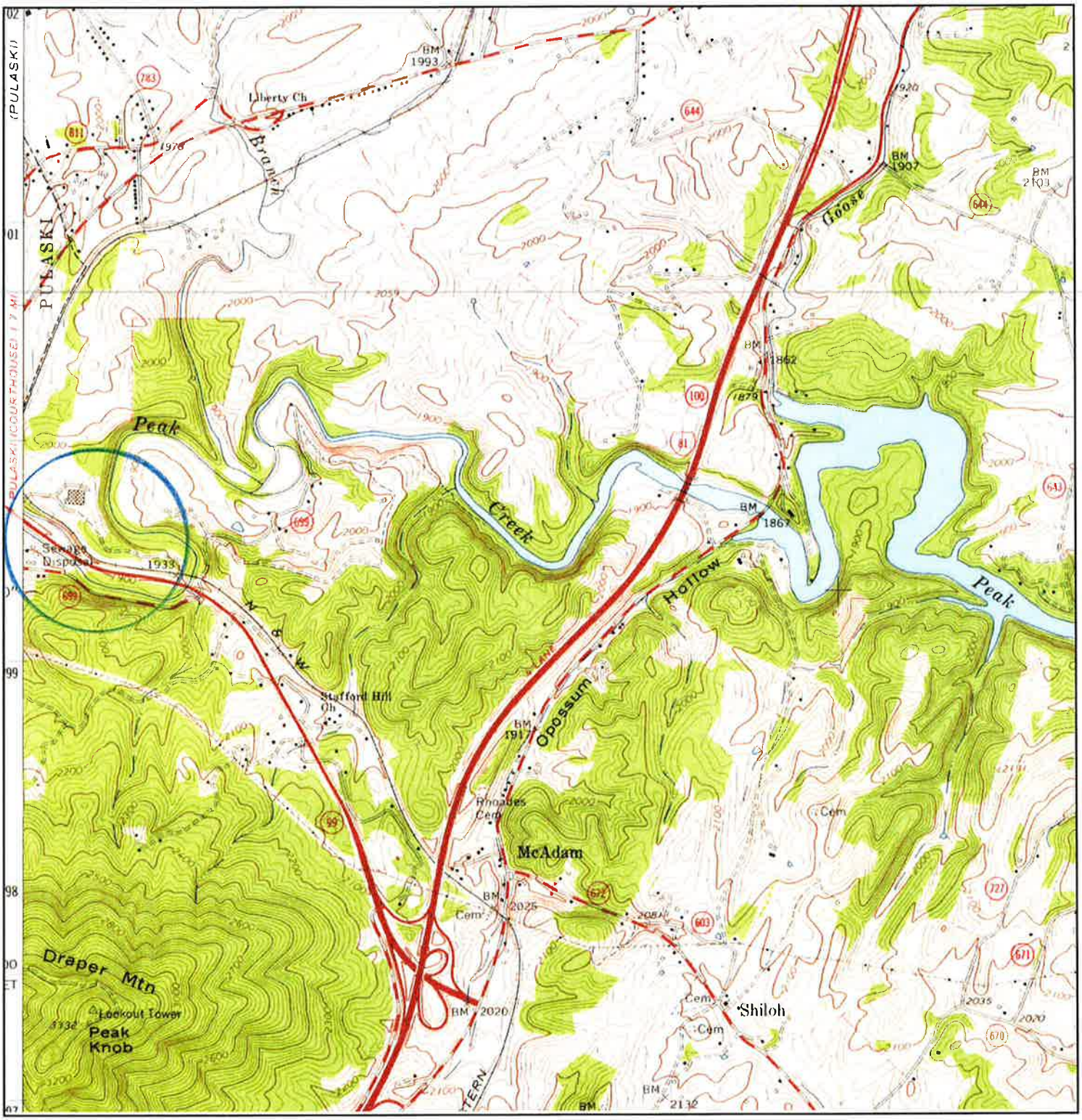
Historical Topographic Map

N	TARGET QUAD NAME: PULASKI MAP YEAR: 1940 SERIES: 15 SCALE: 1:62500	SITE NAME: Pulaski Feasibility Study - 6 and 7 ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski, VA 24301 LAT/LONG: 37.043 / -80.7458	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446172.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map

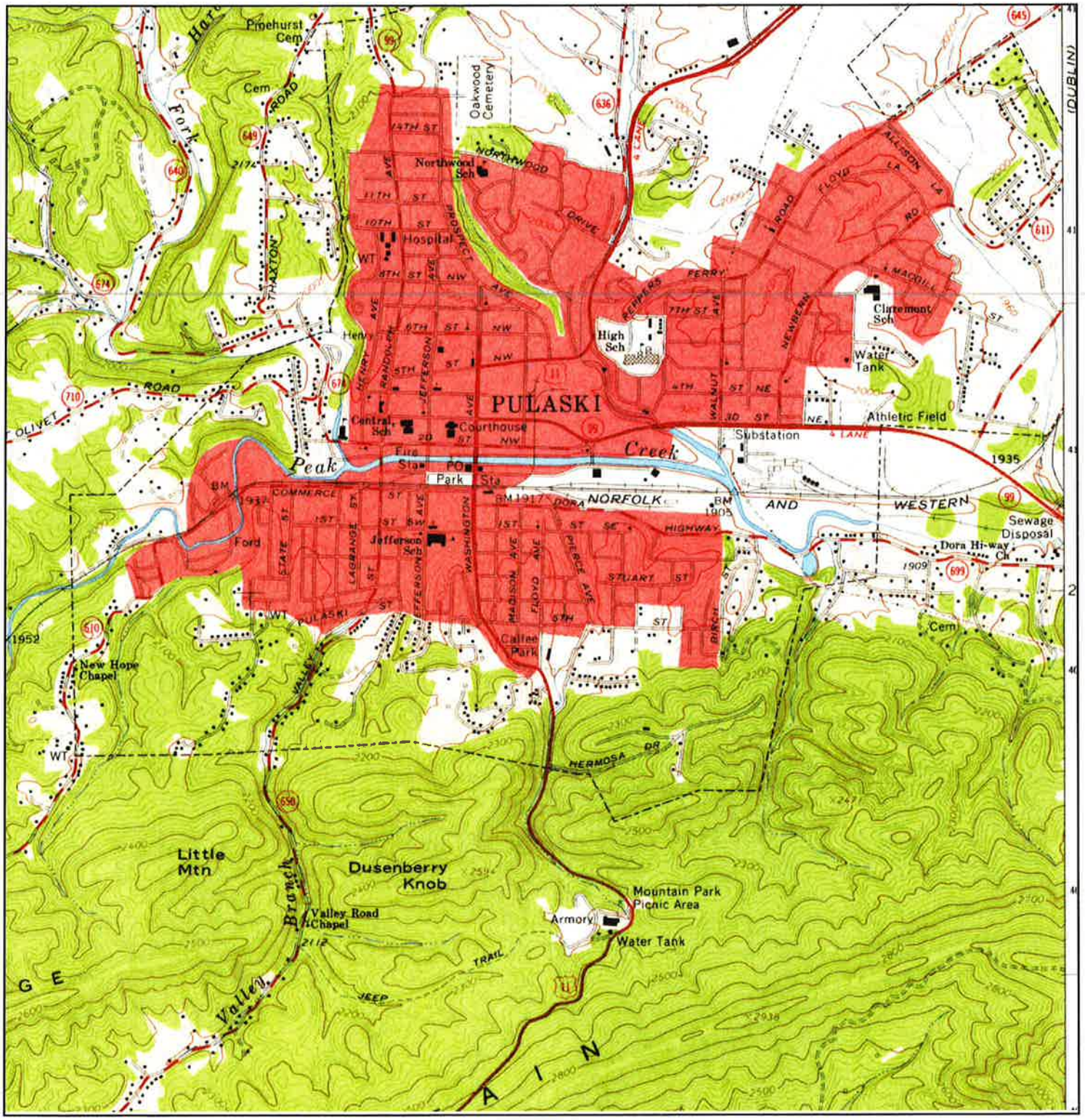
N	TARGET QUAD NAME: RADFORD MAP YEAR: 1950 SERIES: 15 SCALE: 1:62500	SITE NAME: Pulaski Feasibility Study - 6 and 7 ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski, VA 24301 LAT/LONG: 37.043 / -80.7458	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446172.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



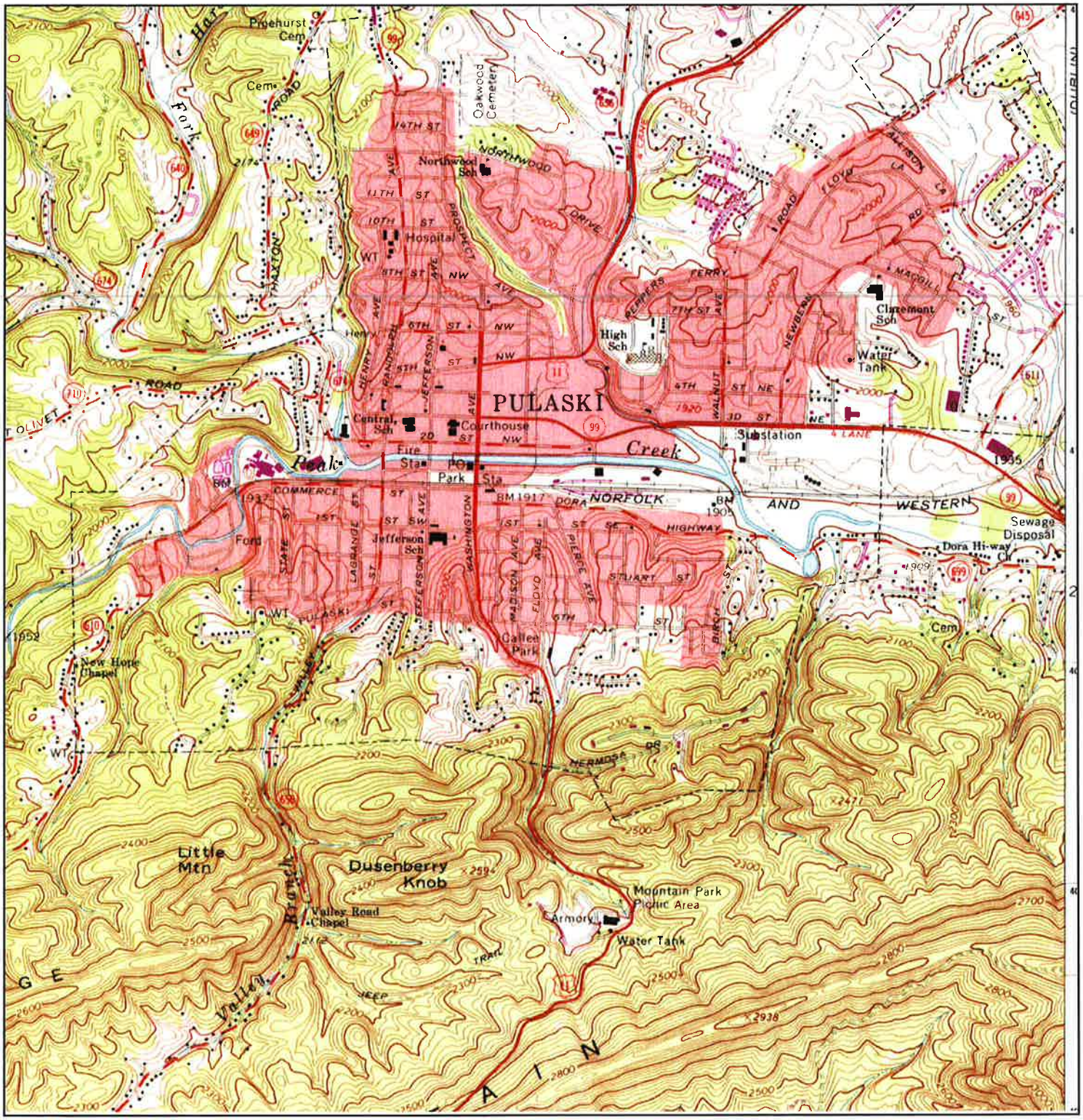
N	TARGET QUAD NAME: DUBLIN MAP YEAR: 1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - 6 and 7 ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski, VA 24301 LAT/LONG: 37.043 / -80.7458	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446172.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



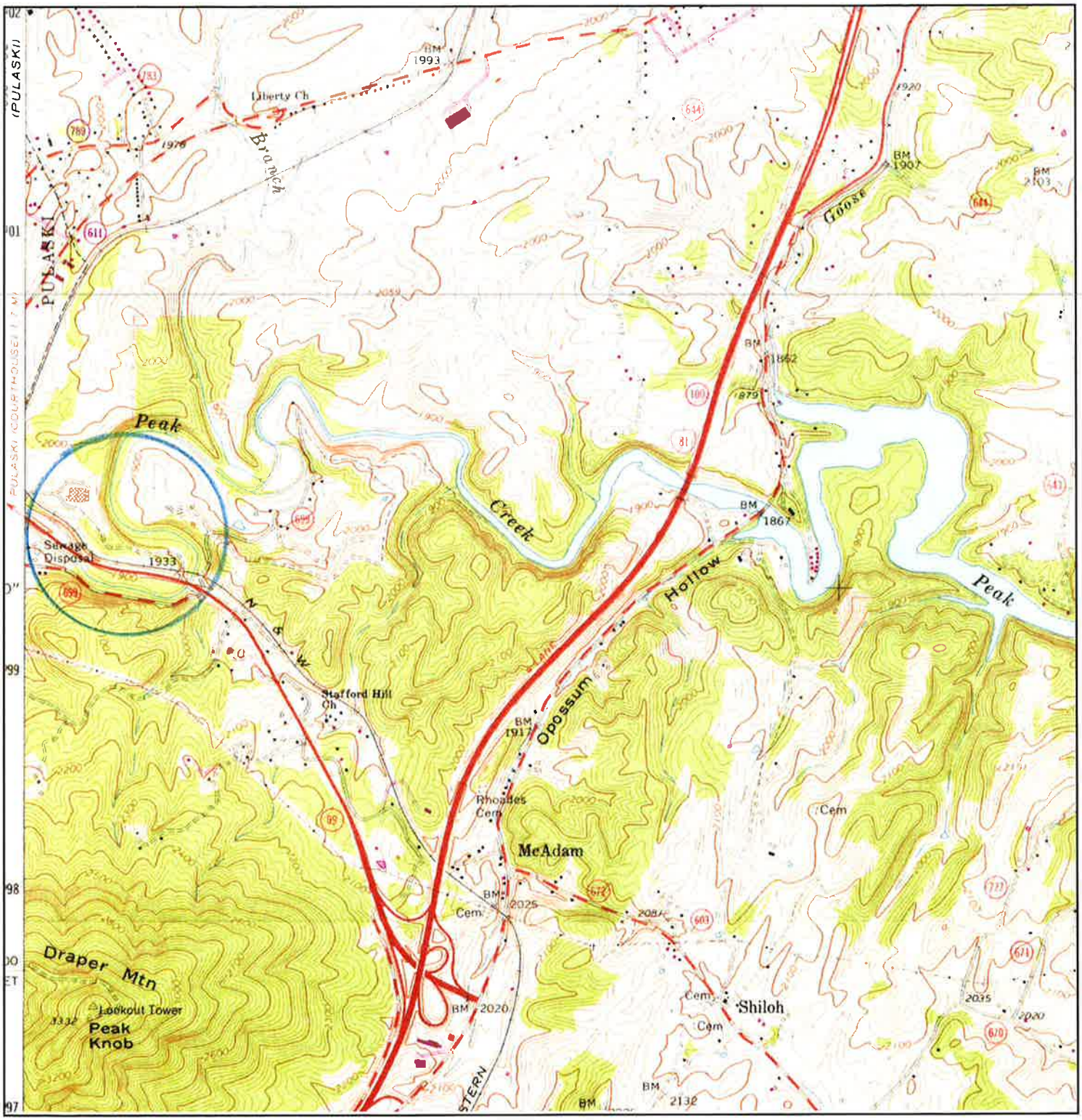
N	TARGET QUAD NAME: PULASKI MAP YEAR: 1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - 6 and 7 ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski, VA 24301 LAT/LONG: 37.043 / -80.7458	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446172.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



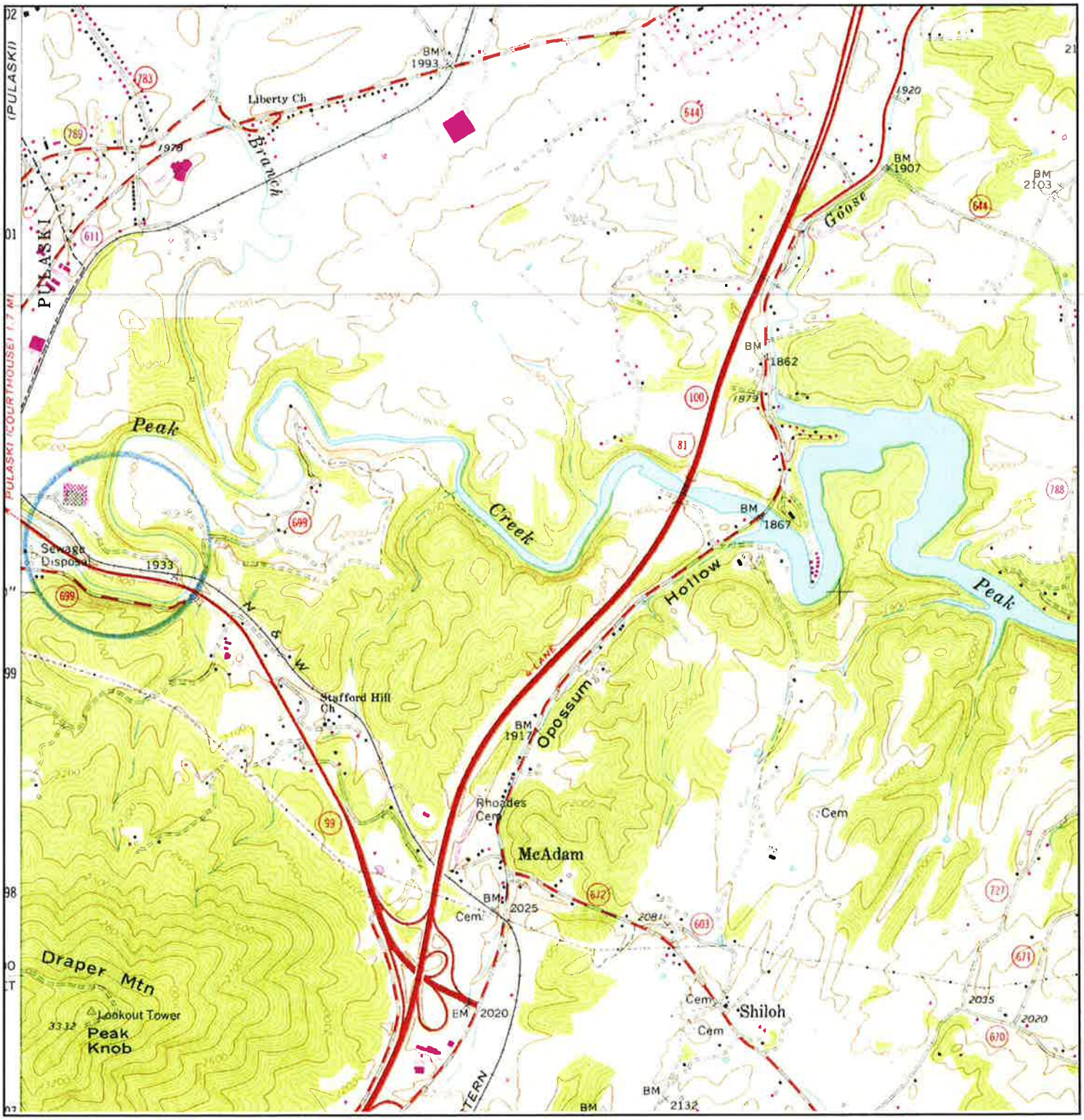
N	TARGET QUAD NAME: PULASKI MAP YEAR: 1970 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - 6 and 7 ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski, VA 24301 LAT/LONG: 37.043 / -80.7458	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446172.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



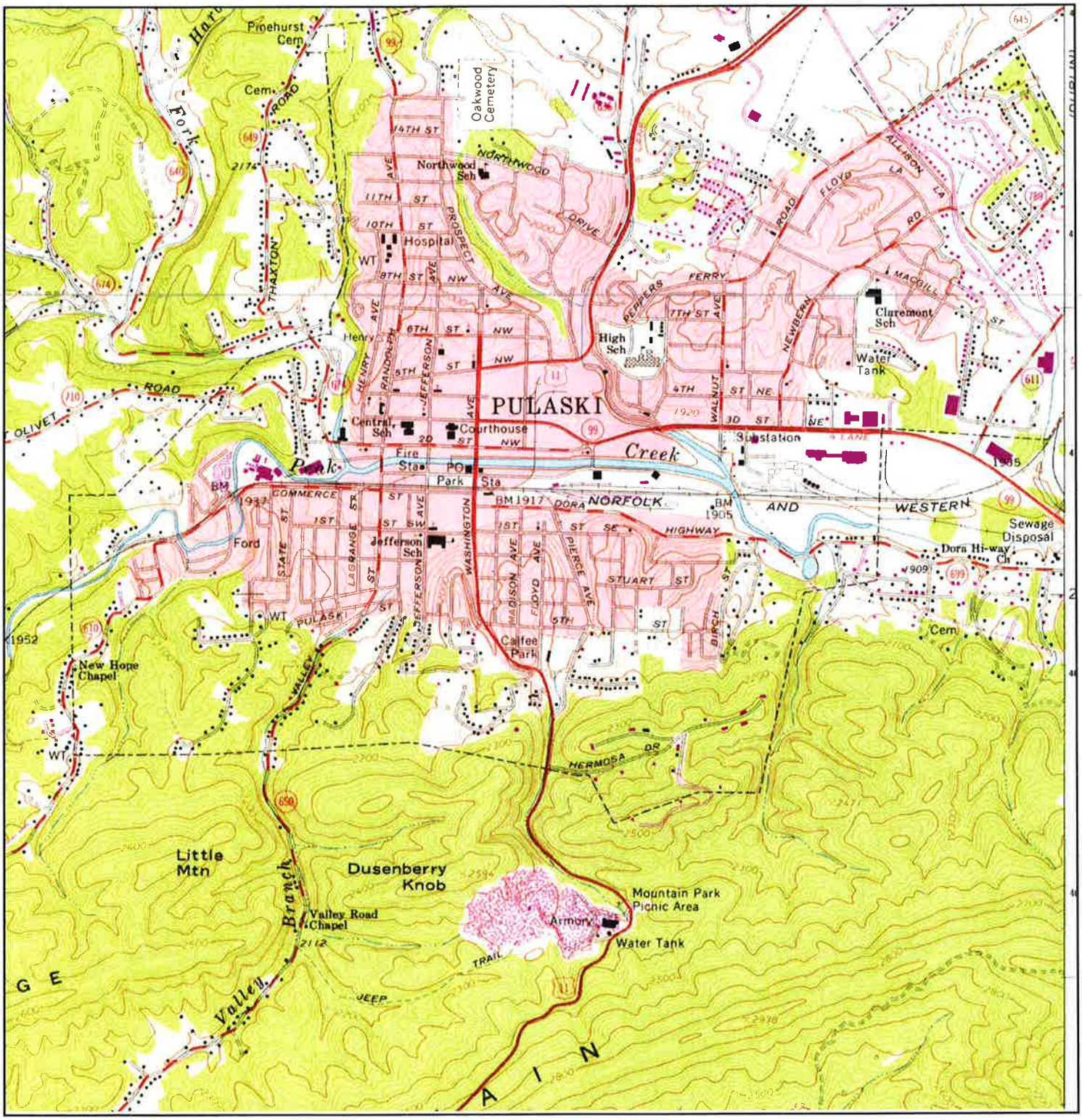
N	TARGET QUAD NAME: DUBLIN MAP YEAR: 1972 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - 6 and 7 ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski, VA 24301 LAT/LONG: 37.043 / -80.7458	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446172.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



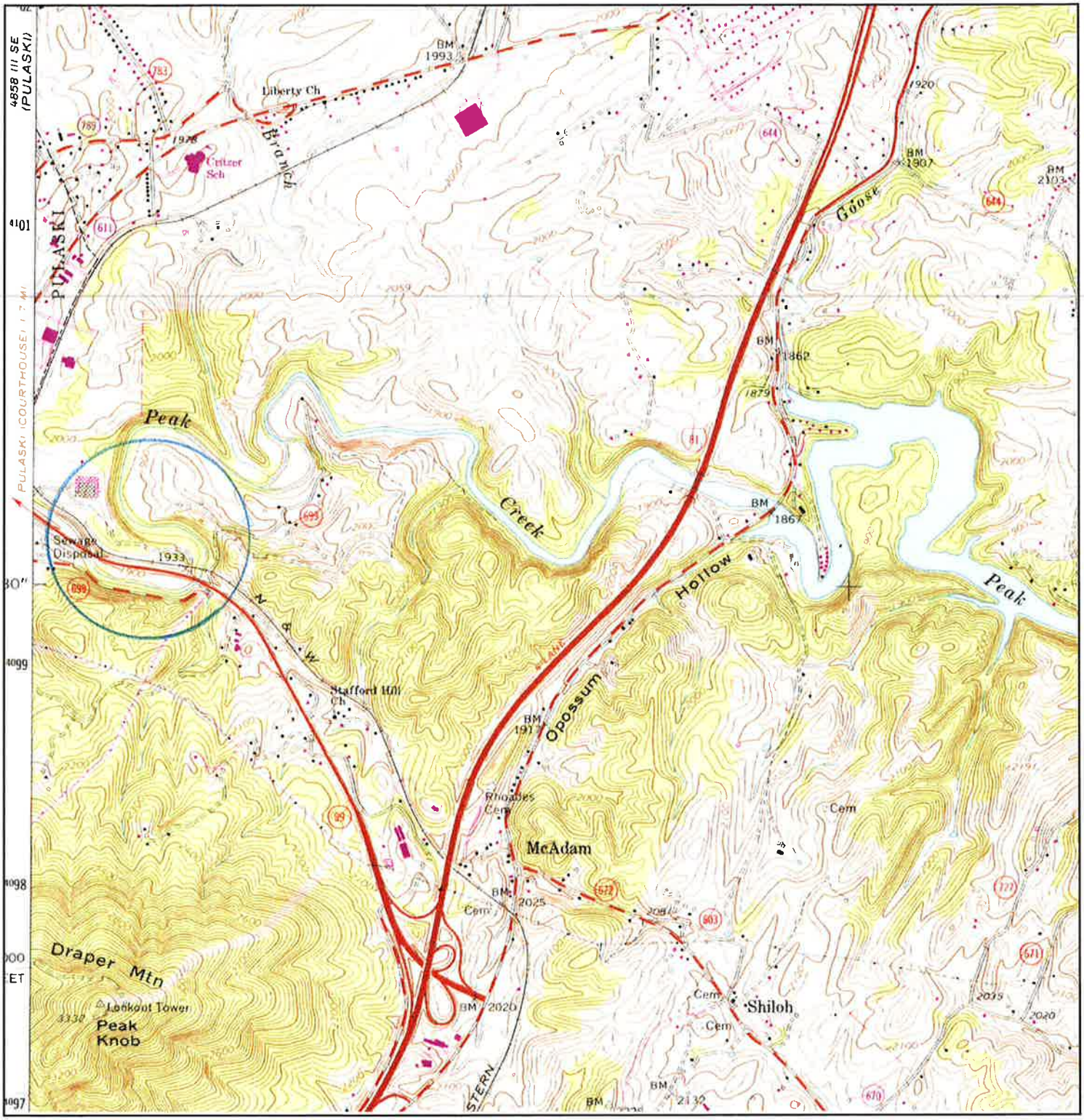
N	TARGET QUAD NAME: DUBLIN MAP YEAR: 1976 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - 6 and 7 ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski, VA 24301 LAT/LONG: 37.043 / -80.7458	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446172.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



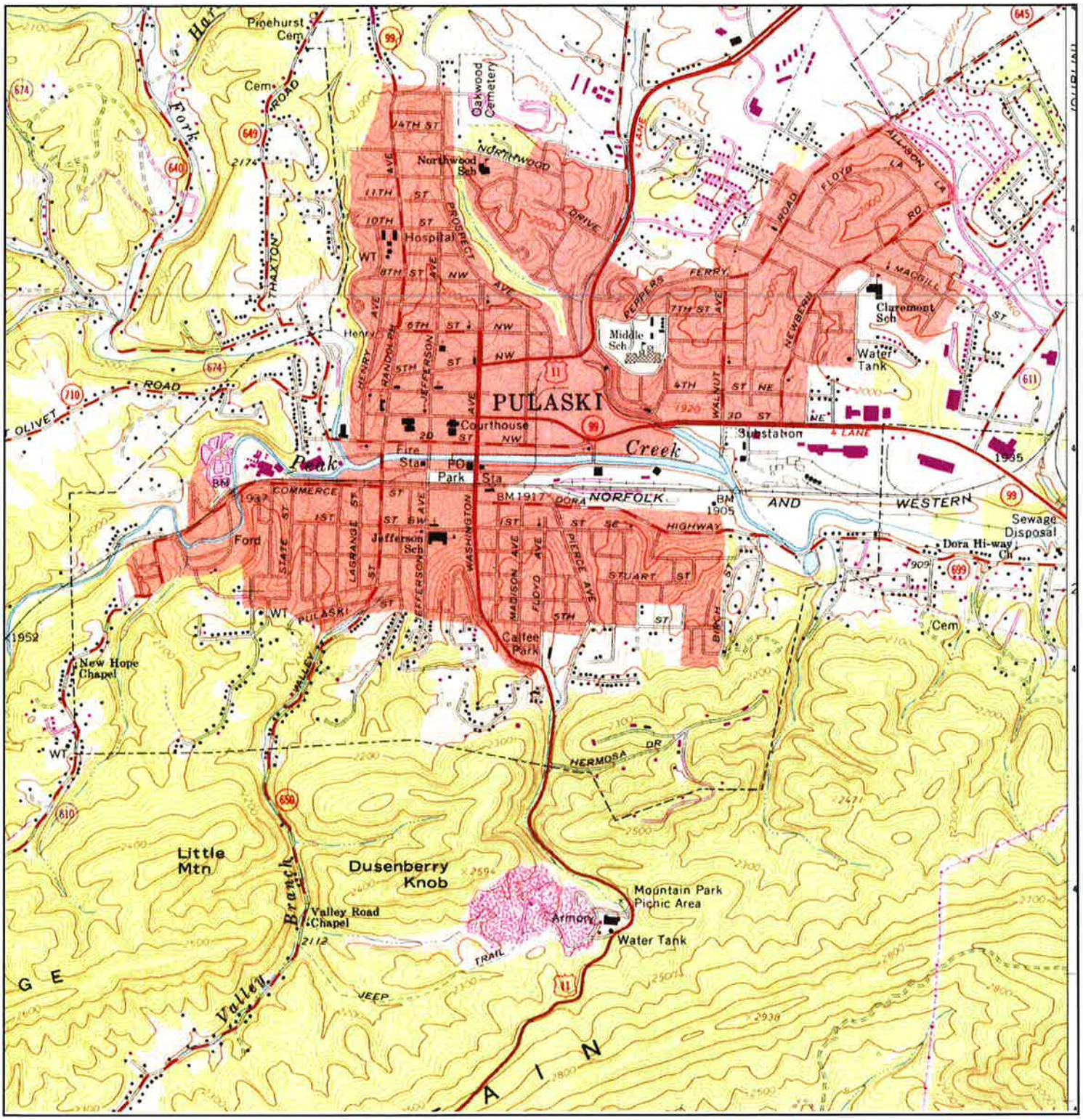
N	TARGET QUAD NAME: PULASKI MAP YEAR: 1977 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - 6 and 7 ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski, VA 24301 LAT/LONG: 37.043 / -80.7458	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446172.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



N	TARGET QUAD NAME: DUBLIN MAP YEAR: 1984 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - 6 and 7 ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski, VA 24301 LAT/LONG: 37.043 / -80.7458	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446172.4 RESEARCH DATE: 11/02/2012

Historical Topographic Map



N	TARGET QUAD NAME: PULASKI MAP YEAR: 1984 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Pulaski Feasibility Study - 6 and 7 ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski, VA 24301 LAT/LONG: 37.043 / -80.7458	CLIENT: AECOM CONTACT: Brendan Mcguinness INQUIRY#: 3446172.4 RESEARCH DATE: 11/02/2012

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Pulaski Feasibility Study - 6 and 7
Pulaski Feasibility Study - 6 and 7
Pulaski, VA 24301

Inquiry Number: 3446172.5
November 09, 2012

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

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

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography November 09, 2012

Target Property:

Pulaski Feasibility Study - 6 and 7
Pulaski, VA 24301

Year	*Scale*	*Details*	*Source*
1949	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Flight Date: March 29, 1949	EDR
1960	Aerial Photograph. Scale: 1"=1000'	Panel #: 37080-A6, Dublin, VA;/Flight Date: October 13, 1960	EDR
1963	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A6, Dublin, VA;/Flight Date: April 26, 1963	EDR
1970	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Flight Date: May 19, 1970	EDR
1972	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Flight Date: January 12, 1972	EDR
1990	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A6, Dublin, VA;/Flight Date: April 27, 1990	EDR
1999	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A6, Dublin, VA;/Flight Date: May 02, 1999	EDR
2000	Aerial Photograph. Scale: 1"=750'	Panel #: 37080-A6, Dublin, VA;/Flight Date: March 31, 2000	EDR
2001	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Composite DOQQ - acquisition dates: April 23, 2001	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Flight Year: 2005	EDR
2008	Aerial Photograph. Scale: 1"=500'	Panel #: 37080-A6, Dublin, VA;/Flight Year: 2008	EDR

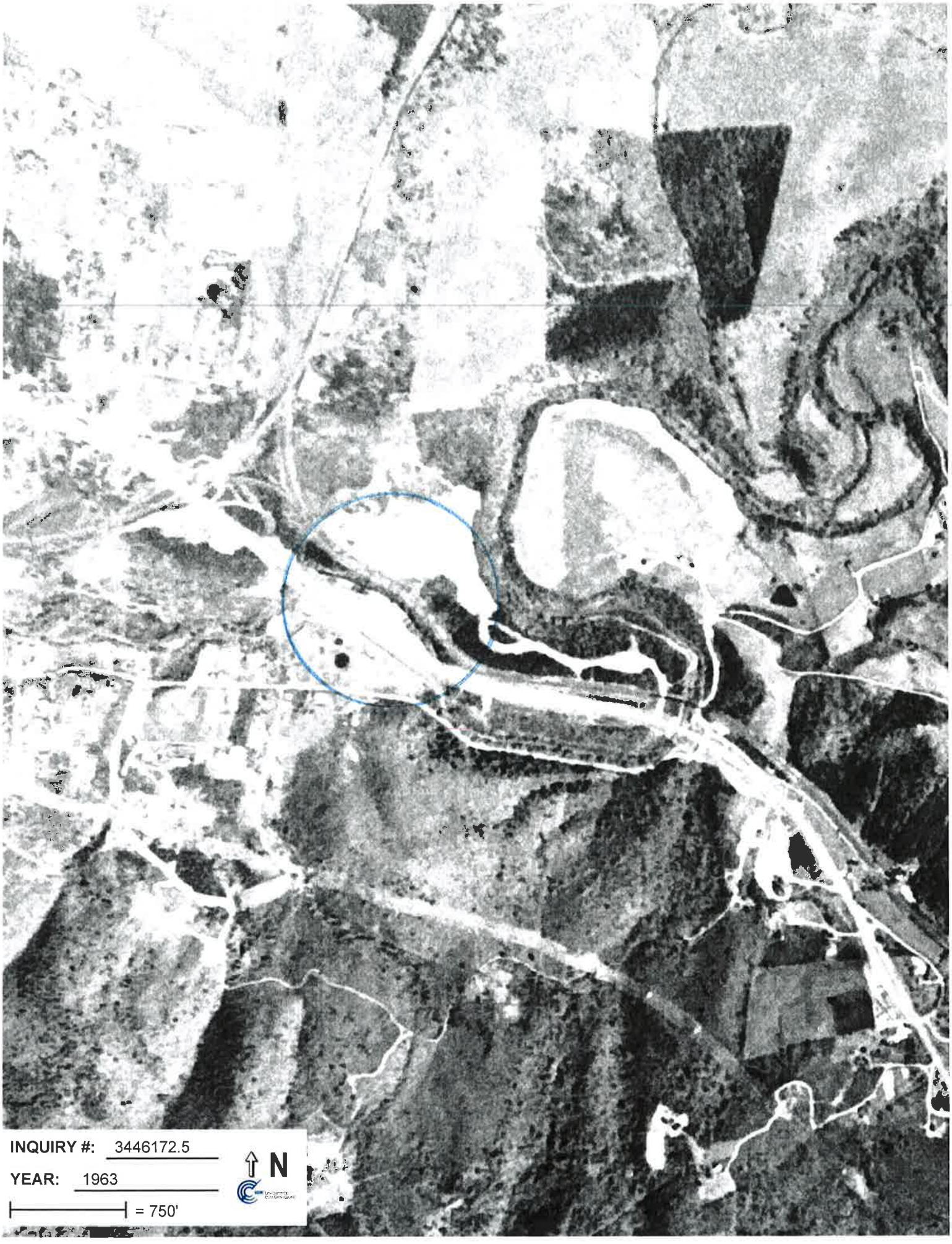
INQUIRY #: 3446172.5

YEAR: 1949

= 500'

N

INQUIRY #: 3446172.5
YEAR: 1960
= 1000'
N


INQUIRY #: 3446172.5
YEAR: 1963
= 750'
N

INQUIRY #: 3446172.5
YEAR: 1970
= 500'
N

INQUIRY #: 3446172.5
YEAR: 1972
= 500'
N

INQUIRY #: 3446172.5
YEAR: 1990
= 750'
N

INQUIRY #: 3446172.5
YEAR: 1999
= 750'
N

INQUIRY #: 3446172.5
YEAR: 2000
= 750'
N

INQUIRY #: 3446172.5
YEAR: 2001
= 500'
N

INQUIRY #: 3446172.5
YEAR: 2005
= 500'
N

INQUIRY #: 3446172.5
YEAR: 2008
= 500'
N

Pulaski Feasibility Study - 6 and 7
Pulaski Feasibility Study - 6 and 7
Pulaski, VA 24301

Inquiry Number: 3446172.2s
November 02, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

PULASKI FEASIBILITY STUDY - 6 AND 7
PULASKI, VA 24301

COORDINATES

Latitude (North):	37.0430000 - 37° 2' 34.80"
Longitude (West):	80.7458000 - 80° 44' 44.88"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	522605.5
UTM Y (Meters):	4099469.5
Elevation:	1925 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37080-A6 DUBLIN, VA
Most Recent Revision:	1984
West Map:	37080-A7 PULASKI, VA
Most Recent Revision:	1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

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

EXECUTIVE SUMMARY

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

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

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

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

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

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

State and tribal registered storage tank lists

AST ..... Registered Petroleum Storage Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Sites Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

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

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Pollution Complaint Database

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
DRYCLEANERS	Drycleaner List
ENF	Enforcement Actions Data
NPDES	Comprehensive Environmental Data System
AIRS	Permitted Airs Facility List
TIER 2	Tier 2 Information Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER	PCB Transformer Registration Database
PRP	Potentially Responsible Parties
FINANCIAL ASSURANCE	Financial Assurance Information Listing
EPA WATCH LIST	EPA WATCH LIST
US FIN ASSUR	Financial Assurance Information
COAL ASH	Coal Ash Disposal Sites
COAL ASH DOE	Steam-Electric Plant Operation Data
2020 COR ACTION	2020 Corrective Action Program List
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Database.

A review of the LUST list, as provided by EDR, and dated 05/18/2004 has revealed that there are 2

LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BONDCOTE CORPORATION Date Closed: 1994-06-01 00:00:00	*509 BURGIS AVENUE*	*NW 1/4 - 1/2 (0.395 mi.)*	*B5*	*19*
EDEN'S DISTRIBUTING COMPANY, I Date Closed: 1998-01-21 00:00:00	*2100 MONTA VISTA EXTENS*	*NNW 1/4 - 1/2 (0.425 mi.)*	*7*	*45*

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

A review of the LTANKS list, as provided by EDR, and dated 08/02/2012 has revealed that there are 2 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BONDCOTE Facility Status: Closed	*509 BURGIS AVE*	*NW 1/4 - 1/2 (0.395 mi.)*	*B6*	*43*
EDEN'S DISTRIBUTING COMPANY, I Facility Status: Closed	*2100 MONTA VISTA EXTENS*	*NNW 1/4 - 1/2 (0.425 mi.)*	*7*	*45*

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Underground Storage Tank Data Notification Information.

A review of the UST list, as provided by EDR, and dated 08/02/2012 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
XALOY	*102 XALOY WAY*	*NW 0 - 1/8 (0.028 mi.)*	*2*	*9*
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
DORA (4A) PUMP STATION	*1733 DORA HIGHWAY*	*SW 0 - 1/8 (0.016 mi.)*	*1*	*7*

State and tribal institutional control / engineering control registries

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

A review of the INST CONTROL list, as provided by EDR, and dated 07/05/2012 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BONDCOTE	*509 BURGIS AVE*	*NW 1/4 - 1/2 (0.395 mi.)*	*B6*	*43*

State and tribal voluntary cleanup sites

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

A review of the VCP list, as provided by EDR, and dated 07/05/2012 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
XALOY	***102 XALOY WAY***	***NW 0 - 1/8 (0.028 mi.)***	***2***	***9***
MCCREADY LUMBER COMPANY	1250 EAST MAIN STREET	WNW 0 - 1/8 (0.082 mi.)	A3	15
BONDCOTE	***509 BURGIS AVE***	***NW 1/4 - 1/2 (0.395 mi.)***	***B6***	***43***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/15/2012 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

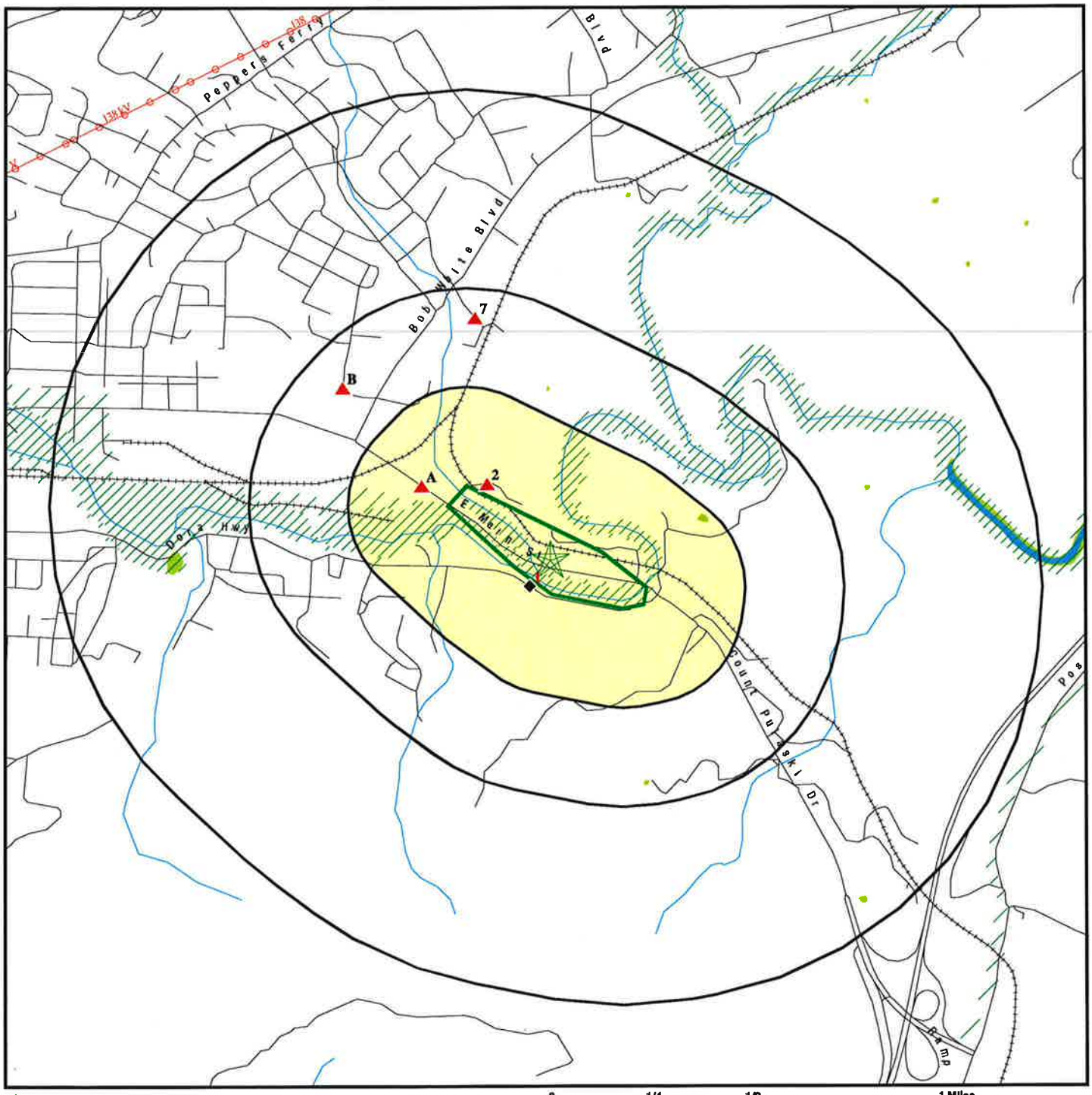
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCCREADY LUMBER CO INC	***1250 EAST MAIN ST RT 99***	***WNW 0 - 1/8 (0.082 mi.)***	***A4***	***17***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
PULASKI FURNITURE CORPORATION	FTTS,HIST FTTS
PULASKI L/F - CLOYD MOUNTAIN SITE	CERCLIS-NFRAP
PULASKI TOWNSHIP LANDFILL	CERCLIS-NFRAP
PULASKI EXPRESS STOP #2	L_REG_NO
7-11 STORE #20615	L_REG_NO
BRYD LODGE TRAINING CENTER	UST,LTANKS,FINANCIAL ASSURANCE 1
PULASKI EXPRESS STOP #2	LTANKS
MIDWAY SERVICE STATION	UST
REPAIR SHOP AND HAIR SALON - FORME	UST
JIMMYS ROLLBACK SERVICE STATION AN	UST
BLUE CAT MARKET	UST
DOT ROANOKE PSK VOR	UST
PHILLIPS 66 #26001	UST
PHILLIPS 66	UST
APPALACHIAN POWER CO	FINDS,RCRA-NLR,MANIFEST
VAARNG-ARMORY-PULASKI	FINDS,RCRA-CESQG
PULASKI FURNITURE PULASKI COMPLEX	FINDS
PULASKI MIDDLE SCHOOL	FINDS
PULASKI CO PUBLIC SERVICE AUTH	FINDS
OLD PULASKI TOWN STP	SPILLS PC

OVERVIEW MAP - 3446172.2s



0 1/4 1/2 1 Miles

- 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
- Power transmission lines
- Oil & Gas pipelines from USGS
- 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: Pulaski Feasibility Study - 6 and 7	CLIENT: AECOM
ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski VA 24301	CONTACT: Brendan Mcguinness
LAT/LONG: 37.043 / -80.7458	INQUIRY #: 3446172.2s DATE: November 02, 2012 3:02 pm

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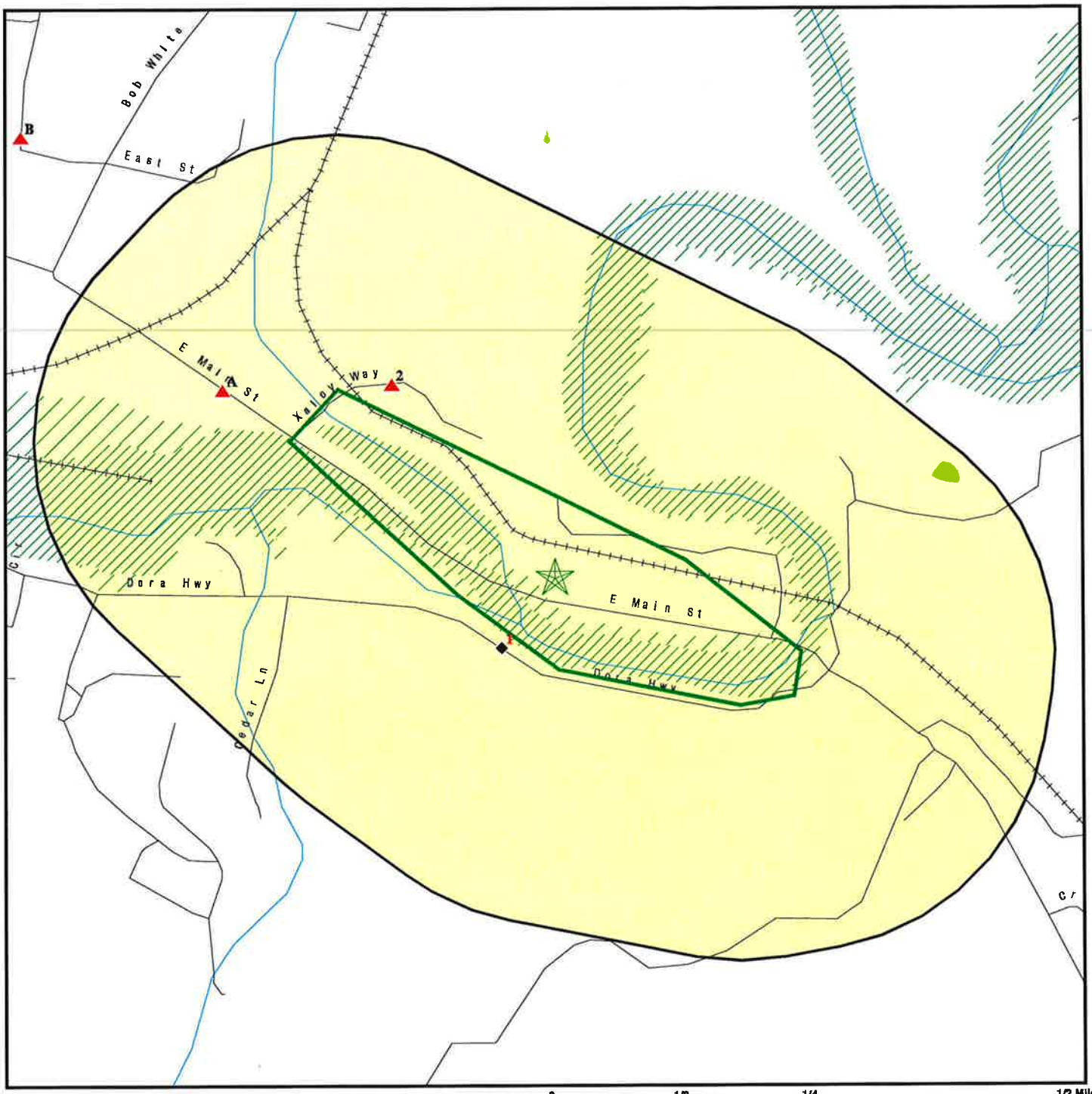
DETAIL MAP - 3446172.2s



0 1/8 1/4 1/2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 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: Pulaski Feasibility Study - 6 and 7	CLIENT: AECOM
ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski VA 24301	CONTACT: Brendan Mcguinness
LAT/LONG: 37.043 / -80.7458	INQUIRY #: 3446172.2s
	DATE: November 02, 2012 3:07 pm

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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
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
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
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	2	NR	NR	2
LTANKS	0.500		0	0	2	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		2	0	NR	NR	NR	2

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
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	1	NR	NR	1
State and tribal voluntary cleanup sites								
VCP	0.500		2	0	1	NR	NR	3
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		1	0	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0

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
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

1
SW
< 1/8
0.016 mi.
84 ft.

DORA (4A) PUMP STATION
1733 DORA HIGHWAY
PULASKI, VA 24301

UST U003675570
FINANCIAL ASSURANCE N/A

Relative:
Lower

Actual:
1897 ft.

UST:

Facility:

Facility Id:	2010256
Facility Type:	LOCAL
CEDS Facility ID:	200000093851

Owner:

Facility Id:	2010256
Owner Id:	38197
Owner Name:	Town of Pulaski
Owner Address:	PO Box 660
Owner Address2:	Not reported
Owner City, State, Zip:	PULASKI, VA 24301
UST Status:	Reg
AST Status:	N/A
Federally Regulated:	Yes
Tank Number:	1
Tank Capacity:	2000
Tank Contents:	DIESEL
Tank Status:	**CURR IN USE**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2010256
Own Id:	38197
Tank Number:	1
Install Date:	01-JAN-1987
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	Y
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	Y
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Buffhide

Release:

Tank Type:	UST
Fac Id:	2010256
Own Id:	38197
Tank Number:	1
Install Date:	01-JAN-1987
Tank Status:	CURR IN USE

DORA (4A) PUMP STATION (Continued) **U003675570**

Tank Release Detection: Leak Deferred	Y
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	Y
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Exempt-emergency generator UST
Pipe Release Detection: Leak Deferred	Y
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Exempt - emergency generator UST

Pipe Material:

Tank Type:	UST
Fac Id:	2010256
Own Id:	38197
Tank Number:	1
Install Date:	01-JAN-1987
Tank Status:	CURR IN USE
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	Y
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

VA FINANCIAL ASSURANCE:

Facility ID:	2010256
FRP Financial Assurance:	Full
Owner Name:	Dora (4A) Pump Station
ROF Own Id:	38197
Tank Type:	UST
Mechanism:	LOGO Financial Test
Gallonage:	Not reported
Per Occurence:	5000
Third Party:	15000
Annual Aggregate:	20000

DORA (4A) PUMP STATION (Continued) **U003675570**

In Compliance:	Not reported
Total Capacity:	0
CEDS Facility Name:	Dora Pump Station
CEDS Facility Id:	200000093851
Tank Type Count:	1
Location:	Not reported

2 **XALOY** **UST 1006475566**
NW **102 XALOY WAY** **VCP N/A**
< 1/8 **PULASKI, VA 24301**
0.028 mi.
147 ft.

Relative:
Higher

Actual:
1957 ft.

UST:

Facility:

Facility Id:	2007162
Facility Type:	INDUSTRIAL
CEDS Facility ID:	200000083147

Owner:

Facility Id:	2007162
Owner Id:	40993
Owner Name:	Xaloy
Owner Address:	102 Xaloy Way
Owner Address2:	Not reported
Owner City, State, Zip:	Pulaski, VA 24301
UST Status:	Reg
AST Status:	N/A

Facility Id:	2007162
Owner Id:	30844
Owner Name:	New River Oils Inc
Owner Address:	PO Box 358
Owner Address2:	Not reported
Owner City, State, Zip:	Snowshoe, WV 26209
UST Status:	Reg
AST Status:	Not reported

Federally Regulated: Yes

Tank Number:	R1
Tank Capacity:	550
Tank Contents:	GASOLINE
Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2007162
Own Id:	30844
Tank Number:	R1
Install Date:	01-MAY-1966
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N

XALOY (Continued) **1006475566**

Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2007162
Own Id:	30844
Tank Number:	R1
Install Date:	01-MAY-1966
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2007162
Own Id:	30844
Tank Number:	R1
Install Date:	01-MAY-1966
Tank Status:	REM FROM GRD
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N

XALOY (Continued) **1006475566**

Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R2
Tank Capacity:	550
Tank Contents:	GASOLINE
Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2007162
Own Id:	30844
Tank Number:	R2
Install Date:	01-MAY-1966
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2007162
Own Id:	30844
Tank Number:	R2
Install Date:	01-MAY-1966
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported

XALOY (Continued) **1006475566**

Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2007162
Own Id:	30844
Tank Number:	R2
Install Date:	01-MAY-1966
Tank Status:	REM FROM GRD
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R3
Tank Capacity:	3000
Tank Contents:	KEROSENE
Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2007162
Own Id:	40993
Tank Number:	R3
Install Date:	23-APR-1974
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N

XALOY (Continued) **1006475566**

Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2007162
Own Id:	40993
Tank Number:	R3
Install Date:	23-APR-1974
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2007162
Own Id:	40993
Tank Number:	R3
Install Date:	23-APR-1974
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

VRP:

Facility ID:	VRP00411

XALOY (Continued) **1006475566**

Site Status:	Certificate Issued
Site Status 2:	Certificate Recorded
DEQ Region:	Blue Ridge
Sizs in Acres:	55.32
Site Type:	Industry
Corrective Action Desc:	Small landfill removed
Owner Name:	Xaloy Group
Owner Contact:	Walter Cox
Owner Address:	1399 Countyline Road, New Castle, PA, 16101
Owner Phone:	724-656-5635
Operator Name:	Not reported
Operator Owner:	Not reported
Operator Phone:	Not reported
Participant Name:	Xaloy
Relationship to Site:	Not reported
Participant Contact:	Dave Griffiths (Agent)
Participant Phone:	Not reported
Participant Title:	Principle
Participant Affiliation:	Environmental Science Applications
Participant Address:	1826 Azalea Drive
Participant City,St,Zip:	Blacksburg, VA 24060
Additional Parts:	Not reported
Participation Notes:	Not reported
Participant Rep/Contractor:	Dave Griffiths (Agent)
Participant Rep/Contractor Phone:	Not reported
Participant Rep/Contractor Title:	Principle
Participant Rep/Contractor Affiliation:	Environmental Science Applications
Participant Rep/Contractor Address:	1826 Azalea Drive
Participant Rep/Contractor City,St,Zip:	Blacksburg, VA 24060
Metal Contaminants Present in Soil:	Not reported
Organic Contaminants Present in Soil:	Not reported
Metal Contaminants Present in GW:	Not reported
Organic Contaminants Present GW:	Not reported
DEQ Staff Case Manager's Initials:	JFB
Cleanup Standards:	teir II
No Further VRP Action Date:	Not reported
Date Participant Notified of NFA:	Not reported
Certification Date:	03/10/2006
Deed Received Date:	04/27/2006
Terms of NFA Determination:	Not reported
Date VRP Eligibility Declared by Participant:	12/20/2004
Date VRP Eligibility Determined by DEQ Region:	04/21/2005
Dt Office Of Waste Permitting Verified Site Eligblty:	01/05/2005
Date VRP Eligibility Determined by VRP:	04/27/2005
Date Signed Agreement Submitted By Participant:	Not reported
Date Agreement Executed by DEQ:	Not reported
Registration Fee Amount Submitted by Participant:	315
Date Registration Fee Submitted by Participant:	05/27/2005
Site Characterization Document Number:	Not reported
DEQ Concurrence with Site Characterization Date:	Not reported
Remedial Action Work Plan Document Number:	Not reported
DEQ Concurs with Remedial Action Work Plan Date:	Not reported
Completion Report Document Number:	Not reported
DEQ Concurrs with Completion Report Date:	Not reported
Submittal Date for Document Number 1:	12/20/2004
Title of Submitted Document Number 1:	Eligibility Request
Submittal Date for Document Number 2:	Not reported

XALOY (Continued) **1006475566**

Title of Submitted Document Number 2:	Not reported
Submittal Date for Document Number 3:	Not reported
Title of Submitted Document Number 3:	Not reported
Submittal Date for Document Number 4:	Not reported
Title of Submitted Document Number 4:	Not reported
Submittal Date for Document Number 5:	Not reported
Title of Submitted Document Number 5:	Not reported
Submittal Date for Document Number 6:	Not reported
Title of Submitted Document Number 6:	Not reported
Submittal Date for Document Number 7:	Not reported
Title of Submitted Document Number 7:	Not reported
Submittal Date for Document Number 8:	Not reported
Title of Submitted Document Number 8:	Not reported
DEQ Response Incident ID Number:	Not reported
EPA CERCLIS ID:	Not reported
EPA RCRA ID NUMBER:	Not reported
DEQ Pollution Complaint Number:	Not reported
Latest Action Relative To Site:	Not reported
Latest Action Relative To Site Date:	Not reported
Next VRP Step Needed Relating To Site:	Not reported
Pending Since:	Not reported
Date Next Step Should Be Completed:	Not reported
Lat/Long:	0 / 0
Brownfield Tax Incentive:	Not reported
Ground Water Use Restriction:	False
Res. User Restriction:	False
Excavattion Restruction:	False
Unrestricted:	True
Other Condition of Issuance:	False
GPS Lat:	34
GPS Long:	34
GPS Desc:	Not reported

Notes: Not reported

A3 **MCCREADY LUMBER COMPANY** **VCP S107513308**
WNW **1250 EAST MAIN STREET** **N/A**
< 1/8 **PULASKI, VA 24301**
0.082 mi.
435 ft. **Site 1 of 2 in cluster A**

Relative:
Higher

Actual:
1949 ft.

VRP:

Facility ID:	VRP00432
Site Status:	Certificate Issued
Site Status 2:	Recordation Not Required
DEQ Region:	Blue Ridge
Sizs in Acres:	0.58999999999999997
Site Type:	Other
Corrective Action Desc:	Removal of drip pad.
Owner Name:	Howard A. McCready
Owner Contact:	Howard A. McCready
Owner Address:	4801 Wurno Road, Pulaski, VA 24301
Owner Phone:	540-980-4324
Operator Name:	Not reported
Operator Owner:	Not reported
Operator Phone:	Not reported
Participant Name:	Howard A. McCready
Relationship to Site:	Not reported
Participant Contact:	Howard A. McCready

MCCREADY LUMBER COMPANY (Continued) **S107513308**

Participant Phone: 540-980-4324
Participant Title: President
Participant Affiliation: McCready Lumber Company, Inc.
Participant Address: 4801 Wurno Road
Participant City,St,Zip: Pulaski, VA 24301
Additional Parts: Not reported
Participation Notes: Eligibility sent to CO and SWRO on 1/5/2006
Participant Rep/Contractor: Jack S. Hinshelwood, P.E.
Participant Rep/Contractor Phone: 540-552-5548
Participant Rep/Contractor Title: Vice President
Participant Rep/Contractor Affiliation: Olver, Inc.
Participant Rep/Contractor Address: 1116 South Main Street, Suite 100
Participant Rep/Contractor City,St,Zip: Blacksburg, VA 24060
Metal Contaminants Present in Soil: Not reported
Organic Contaminants Present in Soil: Not reported
Metal Contaminants Present in GW: Not reported
Organic Contaminants Present GW: Not reported
DEQ Staff Case Manager's Initials: ESD
Cleanup Standards: background
No Further VRP Action Date: Not reported
Date Participant Notified of NFA: Not reported
Certification Date: 06/29/2006
Deed Received Date: 07/05/2006
Terms of NFA Determination: Not reported
Date VRP Eligibility Declared by Participant: 12/22/2005
Date VRP Eligibility Determined by DEQ Region: 02/06/2006
Dt Office Of Waste Permitting Verified Site Eligblty: 01/27/2006
Date VRP Eligibility Determined by VRP: 02/06/2006
Date Signed Agreement Submitted By Participant: Not reported
Date Agreement Executed by DEQ: Not reported
Registration Fee Amount Submitted by Participant: 345
Date Registration Fee Submitted by Participant: 03/17/2006
Site Characterization Document Number: Not reported
DEQ Concurrence with Site Characterization Date: Not reported
Remedial Action Work Plan Document Number: Not reported
DEQ Concurs with Remedial Action Work Plan Date: Not reported
Completion Report Document Number: Not reported
DEQ Concurrs with Completion Report Date: Not reported
Submittal Date for Document Number 1: Not reported
Title of Submitted Document Number 1: Not reported
Submittal Date for Document Number 2: Not reported
Title of Submitted Document Number 2: Not reported
Submittal Date for Document Number 3: Not reported
Title of Submitted Document Number 3: Not reported
Submittal Date for Document Number 4: Not reported
Title of Submitted Document Number 4: Not reported
Submittal Date for Document Number 5: Not reported
Title of Submitted Document Number 5: Not reported
Submittal Date for Document Number 6: Not reported
Title of Submitted Document Number 6: Not reported
Submittal Date for Document Number 7: Not reported
Title of Submitted Document Number 7: Not reported
Submittal Date for Document Number 8: Not reported
Title of Submitted Document Number 8: Not reported
DEQ Response Incident ID Number: Not reported
EPA CERCLIS ID: Not reported
EPA RCRA ID NUMBER: Not reported

MCCREADY LUMBER COMPANY (Continued) **S107513308**

DEQ Pollution Complaint Number:	Not reported
Latest Action Relative To Site:	Not reported
Latest Action Relative To Site Date:	Not reported
Next VRP Step Needed Relating To Site:	Not reported
Pending Since:	Not reported
Date Next Step Should Be Completed:	Not reported
Lat/Long:	0 / 0
Brownfield Tax Incentive:	Not reported
Ground Water Use Restriction:	False
Res. User Restriction:	False
Excavattion Restruction:	False
Unrestricted:	True
Other Condition of Issuance:	False
GPS Lat:	0
GPS Long:	0
GPS Desc:	Not reported
Notes:	Not reported

A4
WNW
< 1/8
0.082 mi.
435 ft.

MCCREADY LUMBER CO INC **RCRA-NonGen** **1000448472**
1250 EAST MAIN ST RT 99 **FINDS** **VAD988175584**
PULASKI, VA 24301

Site 2 of 2 in cluster A

Relative:
Higher

Actual:
1949 ft.

RCRA-NonGen:

Date form received by agency:	03/31/1993
Facility name:	MCCREADY LUMBER CO INC
Facility address:	1250 EAST MAIN ST RT 99 PULASKI, VA 24301
EPA ID:	VAD988175584
Mailing address:	PO BOX 2106 PULASKI, VA 24301
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	03
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, AK 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(215) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	MCCREADY LUMBER CO INC
Owner/operator address:	PO BOX 2106 PULASKI, VA 24301
Owner/operator country:	Not reported

MCCREADY LUMBER CO INC (Continued) **1000448472**

Owner/operator telephone: (703) 980-8700
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/19/1990
Facility name: MCCREADY LUMBER CO INC
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: D004
Waste name: ARSENIC

Waste code: D007
Waste name: CHROMIUM

Violation Status: No violations found

FINDS:

Registry ID: 110006135752

Environmental Interest/Information System
TARGETED BROWNSFIELDS ASSESSMENTS

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

B5
NW
1/4-1/2
0.395 mi.
2087 ft.

BONDCOTE CORPORATION
509 BURGIS AVENUE
PULASKI, VA 24301

Site 1 of 2 in cluster B

RCRA-LQG 1000393455
FINDS VAD053182481
LUST
UST
AST

Relative:
Higher

Actual:
1996 ft.

RCRA-LQG:

Date form received by agency:	03/17/2010
Facility name:	BONDCOTE CORPORATION
Facility address:	509 BURGIS AVENUE PULASKI, VA 24301
EPA ID:	VAD053182481
Mailing address:	BURGIS AVENUE PULASKI, VA 24301
Contact:	DIANE M LYNCH
Contact address:	BURGIS AVENUE PULASKI, VA 24301
Contact country:	US
Contact telephone:	(540) 980-2640
Contact email:	DLYNCH@BONDCOTE.COM
EPA Region:	03
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, AK 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(215) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	BONDCOTE HOLDINGS
Owner/operator address:	BURGIS AVENUE PULASKI, VA 24301
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1994
Owner/Op end date:	Not reported
Owner/operator name:	BOND COTE CORP
Owner/operator address:	OWNERSTREET

BONDCOTE CORPORATION (Continued) **1000393455**

OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BONDCOTE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/02/1956
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/06/2009
Facility name: BONDCOTE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/13/2008
Facility name: BONDCOTE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/23/2006
Facility name: BONDCOTE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/26/2004
Facility name: BONDCOTE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 06/24/2002
Facility name: BONDCOTE CORPORATION
Classification: Large Quantity Generator

BONDCOTE CORPORATION (Continued) **1000393455**

Date form received by agency: 03/15/2001
Facility name: BONDCOTE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 07/23/1998
Facility name: BONDCOTE CORPORATION
Site name: BOND COTE CORP
Classification: Large Quantity Generator

Date form received by agency: 07/01/1998
Facility name: BONDCOTE CORPORATION
Site name: BONDCOTE CORP
Classification: Large Quantity Generator

Date form received by agency: 02/26/1996
Facility name: BONDCOTE CORPORATION
Site name: BONDCOTE CORP
Classification: Large Quantity Generator

Date form received by agency: 02/02/1994
Facility name: BONDCOTE CORPORATION
Site name: BOND COTE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/06/1992
Facility name: BONDCOTE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1990
Facility name: BONDCOTE CORPORATION
Site name: WESTPOINT PEPPERELL-BOND COTE
Classification: Large Quantity Generator

Date form received by agency: 08/16/1983
Facility name: BONDCOTE CORPORATION
Site name: BOND COTE CORP
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D005
Waste name: BARIUM

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE

BONDCOTE CORPORATION (Continued) **1000393455**

MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D004
Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Biennial Reports:

Last Biennial Reporting Year: 2011

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 126996

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 32343

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 692

Waste code: D008
Waste name: LEAD
Amount (Lbs): 692

Facility Has Received Notices of Violations:
Regulation violated: Not reported

BONDCOTE CORPORATION (Continued) **1000393455**

Area of violation:	Universal Waste - Small Quantity Handlers
Date violation determined:	09/01/2009
Date achieved compliance:	09/11/2009
Violation lead agency:	State
Enforcement action:	INSPECTOR FACT FINDING LETTER - Warning letter
Enforcement action date:	09/14/2009
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	SR - 40 CFR 273.14
Area of violation:	Generators - General
Date violation determined:	05/27/2004
Date achieved compliance:	09/16/2004
Violation lead agency:	State
Enforcement action:	INSPECTOR FACT FINDING LETTER - Warning letter
Enforcement action date:	08/23/2004
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	SR - 40 CFR 273.15
Area of violation:	Generators - General
Date violation determined:	05/27/2004
Date achieved compliance:	09/16/2004
Violation lead agency:	State
Enforcement action:	INSPECTOR FACT FINDING LETTER - Warning letter
Enforcement action date:	08/23/2004
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	SR - 40 CFR 273.17
Area of violation:	Generators - General
Date violation determined:	05/27/2004
Date achieved compliance:	09/16/2004
Violation lead agency:	State
Enforcement action:	INSPECTOR FACT FINDING LETTER - Warning letter
Enforcement action date:	08/23/2004
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	SR - 40 CFR 265.54
Area of violation:	Generators - Pre-transport

BONDCOTE CORPORATION (Continued) **1000393455**

Date violation determined: 05/27/2004
Date achieved compliance: 09/16/2004
Violation lead agency: State
Enforcement action: INSPECTOR FACT FINDING LETTER - Warning letter
Enforcement action date: 08/23/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 40 CFR 264.16(d)
Area of violation: Generators - Pre-transport
Date violation determined: 05/27/2004
Date achieved compliance: 09/16/2004
Violation lead agency: State
Enforcement action: INSPECTOR FACT FINDING LETTER - Warning letter
Enforcement action date: 08/23/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 40 CFR 265.173(a)
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2002
Date achieved compliance: 02/28/2002
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 04/03/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 9 VAC 20-60-530.G.4
Area of violation: Generators - Records/Reporting
Date violation determined: 07/23/1998
Date achieved compliance: 08/05/1998
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 08/11/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 9 VAC 20-60-370.E.1.d
Area of violation: Generators - Pre-transport
Date violation determined: 07/23/1998

BONDCOTE CORPORATION (Continued) **1000393455**

Date achieved compliance: 08/05/1998
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 08/11/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/23/1988
Date achieved compliance: 06/26/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 08/21/1986
Date achieved compliance: 02/23/1988
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/21/1986
Date achieved compliance: 10/25/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/29/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/30/1985
Date achieved compliance: 10/25/1986

BONDCOTE CORPORATION (Continued) **1000393455**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/29/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/01/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 09/11/2009
Evaluation lead agency: State

Evaluation date: 05/27/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/16/2004
Evaluation lead agency: State

Evaluation date: 05/27/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/16/2004
Evaluation lead agency: State

Evaluation date: 02/28/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/28/2002
Evaluation lead agency: State

Evaluation date: 07/23/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/05/1998
Evaluation lead agency: State

Evaluation date: 07/23/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/05/1998
Evaluation lead agency: State

Evaluation date: 02/23/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/26/1988
Evaluation lead agency: State

Evaluation date: 08/21/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 02/23/1988

BONDCOTE CORPORATION (Continued) **1000393455**

Evaluation lead agency: State

Evaluation date: 08/21/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/25/1986
Evaluation lead agency: State

Evaluation date: 04/30/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/25/1986
Evaluation lead agency: State

FINDS:

Registry ID: 110000343469

Environmental Interest/Information System

US EPA Enforcement Criminal Records Management System (ECRM), now called the Criminal Case Reporting System (CCRS), is the Criminal Investigation Division's (CID) "official record" of all criminal investigation activities. The system maintains and tracks case-specific program and investigative information on over 8,200 active and archived criminal cases. CCRS is an EPA-only system and data entry is performed directly by CID employees. The Public is allowed to obtain only select defendant data fields for closed, convicted cases via the Freedom of Information Act.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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

BONDCOTE CORPORATION (Continued) **1000393455**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

LUST REG WC:

Region:	WC
Case Status:	**Not reported**
Date Reported:	10/21/1993
Date Closed:	1994-06-01 00:00:00
Release Reported:	Not reported
Pollution Control #:	94-0695
Case Manager:	Not reported
Owner Name:	BONDCOTE CORP.
Owner Address:	PO BOX 729
Owner City,St,Zip:	PULASKI, VA 24301
Owner Phone:	703-980-2640

UST:

Facility:

Facility Id:	2019882
Facility Type:	INDUSTRIAL
CEDS Facility ID:	200000094541

Owner:

Facility Id:	2019882
Owner Id:	27618
Owner Name:	BondCote Corporation
Owner Address:	509 Burgis Ave
Owner Address2:	Not reported
Owner City, State, Zip:	Pulaski, VA 24301
UST Status:	Reg
AST Status:	Reg
Federally Regulated:	Yes
Tank Number:	1
Tank Capacity:	10000
Tank Contents:	HAZARD
Tank Status:	**CURR IN USE**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	1
Install Date:	01-OCT-1993
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	Y
Tank Materials: Double Walled	Y

BONDCOTE CORPORATION (Continued) **1000393455**

Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	1
Install Date:	01-OCT-1993
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	Y
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	Y
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	Y
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	Y
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	1
Install Date:	01-OCT-1993
Tank Status:	CURR IN USE
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	Y
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N

BONDCOTE CORPORATION (Continued) **1000393455**

Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported
Tank Number:	2
Tank Capacity:	10000
Tank Contents:	HAZARD
Tank Status:	**CURR IN USE**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	2
Install Date:	01-OCT-1993
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	Y
Tank Materials: Double Walled	Y
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	2
Install Date:	01-OCT-1993
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	Y
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	Y
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	Y

BONDCOTE CORPORATION (Continued) **1000393455**

Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	Y
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	2
Install Date:	01-OCT-1993
Tank Status:	CURR IN USE
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	Y
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	3
Tank Capacity:	6000
Tank Contents:	HAZARD
Tank Status:	**CURR IN USE**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	3
Install Date:	01-OCT-1993
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	Y
Tank Materials: Double Walled	Y
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

BONDCOTE CORPORATION (Continued) **1000393455**

Release:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	3
Install Date:	01-OCT-1993
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	Y
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	Y
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	Y
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	Y
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	3
Install Date:	01-OCT-1993
Tank Status:	CURR IN USE
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	Y
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R1
Tank Capacity:	10000
Tank Contents:	HAZARD

BONDCOTE CORPORATION (Continued) **1000393455**

Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R1
Install Date:	30-APR-1980
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R1
Install Date:	30-APR-1980
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

BONDCOTE CORPORATION (Continued) **1000393455**

Pipe Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R1
Install Date:	30-APR-1980
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R2
Tank Capacity:	10000
Tank Contents:	HAZARD
Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R2
Install Date:	30-APR-1980
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R2
Install Date:	30-APR-1980
Tank Status:	REM FROM GRD

BONDCOTE CORPORATION (Continued) **1000393455**

Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R2
Install Date:	30-APR-1980
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R3
Tank Capacity:	2000
Tank Contents:	UNKNOWN
Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R3

BONDCOTE CORPORATION (Continued) **1000393455**

Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R3
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R3
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN

BONDCOTE CORPORATION (Continued) **1000393455**

Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R4
Tank Capacity:	2000
Tank Contents:	HAZARD
Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R4
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R4
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N

BONDCOTE CORPORATION (Continued) **1000393455**

Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R4
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R5
Tank Capacity:	2000
Tank Contents:	HAZARD
Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R5
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N

BONDCOTE CORPORATION (Continued) **1000393455**

Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R5
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R5
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N

BONDCOTE CORPORATION (Continued) **1000393455**

Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R6
Tank Capacity:	2000
Tank Contents:	HAZARD
Tank Status:	**REM FROM GRD**
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R6
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R6
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection:Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N

BONDCOTE CORPORATION (Continued) **1000393455**

Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	2019882
Own Id:	27618
Tank Number:	R6
Install Date:	01-MAY-1971
Tank Status:	REM FROM GRD
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

AST:

Facility:

Facility ID:	2019882
Facility Type:	INDUSTRIAL
CEDS Facility ID:	200000094541

Owner:

Facility Id:	2019882
Owner Id:	27618
Owner Name:	BondCote Corporation
Owner Address:	509 Burgis Ave
Owner Address2:	Not reported
Owner City:	Pulaski
Owner State:	VA
Owner Zip:	24301
Ust Status:	Reg
Ast Status:	Reg

Fed Regulated:	No
Tank Number:	AST-1
Tank Type:	AST
Tank Capacity:	6000
Tank Contents:	OTHER
Tank Status:	CURR IN USE

BONDCOTE CORPORATION (Continued) **1000393455**

Tank Containment:

Tank Type:	AST
Fac Id:	2019882
Own Id:	27618
Tank Number:	AST-1
Install Date:	28-APR-1988
Tank Status:	CURR IN USE
Containment: Curbing	N
Containment: Weirs	N
Containment: Sorbent	N
Containment: Culvert	N
Containment: Diversion	N
Containment: Retention	N
Containment: Dike	Y
Containment: Unknown	N
Containment: Other	N
Containment: Other Note	Not reported
Release Detection: Ground Water	N
Release Detection: Visual	Y
Release Detection: Vapor	N
Release Detection: Interstitial	N
Release Detection: None	N
Release Detection: Other	N
Release Detection: Other Note	Not reported
Release Prevention: Double Bottom	N
Release Prevention: Double Walled	N
Release Prevention: Lined Interior	N
Release Prevention: Poly Jacket	N
Release Prevention: Exc Liner	N
Release Prevention: None	Y
Release Prevention: Unknown	N
Release Prevention: Other	N
Release Prevention: Other Note	Not reported

Tank Foundation:

Tank Type:	AST
Fac Id:	2019882
Own Id:	27618
Tank Number:	AST-1
Install Date:	28-APR-1988
Tank Status:	CURR IN USE
Tank Foundation: Steel	N
Tank Foundation: Earthen	N
Tank Foundation: Concrete Imp	Y
Tank Foundation: Unknown	N
Tank Foundation: Other	N
Tank Foundation: Other Note	Not reported
Tank Roof: Float	N
Tank Roof: Cone	N
Tank Roof: Breather	N
Tank Roof: Dbldeck	N
Tank Roof: Pontoon	N
Tank Roof: Balloon	N
Tank Roof: Lifter	N
Tank Roof: Pan	N
Tank Roof: Other	Y

BONDCOTE CORPORATION (Continued) **1000393455**

Tank Roof: Other Note Wood "A" frame with joist and shingles

Tank Material:

Tank Type:	AST
Fac Id:	2019882
Own Id:	27618
Tank Number:	AST-1
Install Date:	28-APR-1988
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Epoxy Coated Interior	N
Tank Materials: Epoxy Coated Exterior	N
Tank Materials: Double Walled	N
Tank Materials: Double Bottomed	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

B6 **BONDCOTE** **LTANKS** **U003677198**
NW **509 BURGIS AVE** **INST CONTROL** **N/A**
1/4-1/2 **PULASKI, VA 24301** **VCP**
0.395 mi.
2087 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
1996 ft.

LTANKS:

Region:	BRRO-R
CEDS Facility Id:	200000094541
Case Status:	**Closed**
Pollution Complaint #:	19940695
Reported:	10/21/1993

INST CONTROL:

Facility ID:	VRP00271
Corrective Action Desc:	Surficial soils were excavated at varying depths across the site. Samples were collected to ensure complete removal of contaminants.
Ground Water Use Restriction:	True
Res. Use Restriction:	True
Excavattion Restruction:	False
Other Condition of Issuance:	False
Notes:	Not reported

VRP:

Facility ID:	VRP00271
Site Status:	Certificate Issued
Site Status 2:	Certificate Recorded
DEQ Region:	Blue Ridge
Sizs in Acres:	7
Site Type:	Industry

BONDCOTE (Continued) **U003677198**

Corrective Action Desc:	Surficial soils were excavated at varying depths across the site. Samples were collected to ensure complete removal of contaminants.
Owner Name:	BondCote
Owner Contact:	Not reported
Owner Address:	509 Burgis Ave., Pulaski, Virginia 24301
Owner Phone:	Not reported
Operator Name:	Not reported
Operator Owner:	Not reported
Operator Phone:	Not reported
Participant Name:	BondCote
Relationship to Site:	Not reported
Participant Contact:	Danny J Hayes
Participant Phone:	Not reported
Participant Title:	President and CEO
Participant Affiliation:	BondCote Corp.
Participant Address:	509 Burgis Ave.
Participant City,St,Zip:	Pulaski, VA 24301
Additional Parts:	Not reported
Participation Notes:	Not reported
Participant Rep/Contractor:	Jeffery Arps
Participant Rep/Contractor Phone:	413-572-3227
Participant Rep/Contractor Title:	Not reported
Participant Rep/Contractor Affiliation:	Tighe & Bond
Participant Rep/Contractor Address:	53 Southampton Road
Participant Rep/Contractor City,St,Zip:	Westfield, MA 01085-5308
Metal Contaminants Present in Soil:	Not reported
Organic Contaminants Present in Soil:	Not reported
Metal Contaminants Present in GW:	Not reported
Organic Contaminants Present GW:	Not reported
DEQ Staff Case Manager's Initials:	PWK
Cleanup Standards:	Not reported
No Further VRP Action Date:	Not reported
Date Participant Notified of NFA:	Not reported
Certification Date:	08/31/2001
Deed Received Date:	09/21/2001
Terms of NFA Determination:	Not reported
Date VRP Eligibility Declared by Participant:	09/15/2000
Date VRP Eligibility Determined by DEQ Region:	10/30/2000
Dt Office Of Waste Permitting Verified Site Eligblty:	Not reported
Date VRP Eligibility Determined by VRP:	12/06/2000
Date Signed Agreement Submitted By Participant:	Not reported
Date Agreement Executed by DEQ:	Not reported
Registration Fee Amount Submitted by Participant:	5000
Date Registration Fee Submitted by Participant:	01/04/2001
Site Characterization Document Number:	Not reported
DEQ Concurrence with Site Characterization Date:	Not reported
Remedial Action Work Plan Document Number:	Not reported
DEQ Concurs with Remedial Action Work Plan Date:	Not reported
Completion Report Document Number:	Not reported
DEQ Concurrs with Completion Report Date:	Not reported
Submittal Date for Document Number 1:	Not reported
Title of Submitted Document Number 1:	Not reported
Submittal Date for Document Number 2:	Not reported
Title of Submitted Document Number 2:	Not reported
Submittal Date for Document Number 3:	Not reported
Title of Submitted Document Number 3:	Not reported
Submittal Date for Document Number 4:	Not reported

BONDCOTE (Continued) **U003677198**

Title of Submitted Document Number 4:	Not reported
Submittal Date for Document Number 5:	Not reported
Title of Submitted Document Number 5:	Not reported
Submittal Date for Document Number 6:	Not reported
Title of Submitted Document Number 6:	Not reported
Submittal Date for Document Number 7:	Not reported
Title of Submitted Document Number 7:	Not reported
Submittal Date for Document Number 8:	Not reported
Title of Submitted Document Number 8:	Not reported
DEQ Response Incident ID Number:	Not reported
EPA CERCLIS ID:	Not reported
EPA RCRA ID NUMBER:	Not reported
DEQ Pollution Complaint Number:	Not reported
Latest Action Relative To Site:	Not reported
Latest Action Relative To Site Date:	Not reported
Next VRP Step Needed Relating To Site:	Not reported
Pending Since:	Not reported
Date Next Step Should Be Completed:	Not reported
Lat/Long:	Not reported
Brownfield Tax Incentive:	Not reported
Ground Water Use Restriction:	True
Res. User Restriction:	True
Excavattion Restruction:	False
Unrestricted:	False
Other Condition of Issuance:	False
GPS Lat:	37.049120000000002
GPS Long:	-80.754900000000006
GPS Desc:	GPS taken from parking lot.
Notes: Not reported	

7
NNW
1/4-1/2
0.425 mi.
2243 ft.

EDEN'S DISTRIBUTING COMPANY, INC.
2100 MONTA VISTA EXTENSION
PULASKI, VA 24301

LUST **S104744601**
LTANKS **N/A**

Relative:
Higher

Actual:
1940 ft.

LUST REG WC:

Region:	WC
Case Status:	**Not reported**
Date Reported:	10/07/1997
Date Closed:	1998-01-21 00:00:00
Release Reported:	Not reported
Pollution Control #:	98-1029
Case Manager:	Not reported
Owner Name:	EDEN'S DIST. CO., INC.
Owner Address:	P.O. BOX 994
Owner City,St,Zip:	PULASKI, VA 24301
Owner Phone:	540-980-6866

LTANKS:

Region:	BRRO-R
CEDS Facility Id:	200000081200
Case Status:	**Closed**
Pollution Complaint #:	19981029
Reported:	10/07/1997

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PULASKI	1000148090	APPALACHIAN POWER CO	RT 99	24301	FINDS,RCRA-NLR,MANIFEST
PULASKI	1003866145	PULASKI TOWNSHIP LANDFILL	OFF US RTE #11	24301	CERCLIS-NFRAP
PULASKI	1003866185	PULASKI L/F - CLOYD MOUNTAIN SITE	CLOYD MOUNTAIN	24301	CERCLIS-NFRAP
PULASKI	1004608995	PULASKI CO PUBLIC SERVICE AUTH	3056 WATER PLANT RD	24301	FINDS
PULASKI	1004789683	VAARNG-ARMORY-PULASKI	RT 11 S DRAPER MOUNTAIN	24301	FINDS,RCRA-CESQG
PULASKI	1004817092	7-11 STORE #20615	W. MAIN ST., PULASKI	-0-	L_REG_NO
PULASKI	1007996816	PULASKI MIDDLE SCHOOL	TERRACE AVENUE	24301	FINDS
PULASKI	1008167738	PULASKI FURNITURE PULASKI COMPLEX	206 5TH STREET	24301	FINDS
PULASKI	1009521339	PULASKI FURNITURE CORPORATION	ONE PULASKI SQUARE	24301	FTTS,HIST FTTS
PULASKI	S104541480	PULASKI EXPRESS STOP #2	INTERSTATE 81 AND ROUTE 99	24301	LTANKS
PULASKI	S105028149	PULASKI EXPRESS STOP #2	I-81 AT ROUTE 99		L_REG_NO
PULASKI	S107998900	OLD PULASKI TOWN STP	DORA HIGHWAY		SPILLS PC
DRAPER	U003672310	MIDWAY SERVICE STATION	RTE 1 BOX 325	24324	UST
PULASKI	U003674178	DOT ROANOKE PSK VOR	RTE 643	24301	UST
PULASKI	U003675710	PHILLIPS 66 #26001	I-81 & ROUTE 100 EAST	24301	UST
PULASKI	U003676339	BRYD LODGE TRAINING CENTER	ROUTE 663	24301	UST,LTANKS,FINANCIAL ASSURANC
PULASKI	U003677770	PHILLIPS 66	ROUTE 99	24301	UST
DRAPER	U003807533	BLUE CAT MARKET	2481 WYSAR HWY	24324	UST
DRAPER	U003883673	REPAIR SHOP AND HAIR SALON - FORME	RTE 658 AND 100	24324	UST
DRAPER	U004131424	JIMMYS ROLLBACK SERVICE STATION AN	3095 OLD RTE 100	24324	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

Federal CERCLIS list

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

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

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: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/09/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

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

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/10/2012
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: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

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

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

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

Source: Department of Environmental Quality
Telephone: 804-698-4236
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/21/2012
Date Data Arrived at EDR: 09/21/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 20

Source: Department of Environmental Quality
Telephone: 804-698-4238
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
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: 09/07/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 34

Source: Department of Environmental Quality West Central Regional Office
Telephone: 540-562-6700
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
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: 06/29/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 07/24/2012
Number of Days to Update: 25

Source: Department of Environmental Quality Tidewater Regional Office
Telephone: 757-518-2198
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 07/16/2012
Date Data Arrived at EDR: 07/16/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 57

Source: Department of Environmental Quality Southwest Regional Office
Telephone: 276-676-4800
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG SC: Leaking Underground Storage Tanks
Leaking underground storage tank site locations. Includes: counties of Amherst, Appomattox, Buckingham, Campbell, Charlotte, Cumberland, Halifax, Lunenburg, Mecklenburg, Nottoway, Pittsylvania, Prince Deward; cities of Danville, Lynchburg.

Date of Government Version: 08/31/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality, South Central Region
Telephone: 434-582-5120
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality Piedmont Regional Office
Telephone: 804-527-5020
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

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

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

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
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: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

AST: Registered Petroleum Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

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: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 02/28/2012
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 76

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
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: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
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: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
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: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
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: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 07/30/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: Department of Environmental Quality
Telephone: 804-698-4207
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Date of Government Version: 06/25/2012
Date Data Arrived at EDR: 06/25/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

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

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

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

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: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 03/16/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 34

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register
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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

SPILLS BRL: Prep/Spills Database Listing

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

Date of Government Version: 09/18/2009
Date Data Arrived at EDR: 09/18/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 18

Source: DEQ, Blue Ridge Regional Office
Telephone: 434-582-6218
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Varies

SPILLS WC: Prep Database

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

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

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

SPILLS VA: PREP Database

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

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

Source: Department of Environmental Quality, Valley Regional Office
Telephone: 540-574-7800
Last EDR Contact: 08/06/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

PC-SPILLS: Pollution Complaint Database

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

Date of Government Version: 06/01/1996
Date Data Arrived at EDR: 10/22/1996
Date Made Active in Reports: 11/21/1996
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 804-698-4287
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: No Update Planned

SPILLS SW: Reportable Spills

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

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

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

SPILLS PD: PREP Database

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

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

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

SPILLS: 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: 08/02/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4287
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Varies

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: 757-518-2177
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: Quarterly

SPILLS NO: PREP Database

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

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/29/2009
Date Made Active in Reports: 10/30/2009
Number of Days to Update: 31

Source: Department of Environmental Quality, Northern Region
Telephone: 703-583-3864
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/01/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Varies

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: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/20/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 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: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
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: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
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: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
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: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/21/2013
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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 09/11/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

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

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/31/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Drycleaner List
A listing of registered drycleaners.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/24/2010
Date Made Active in Reports: 12/09/2010
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 804-698-4407
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data
A listing of enforcement actions.

Date of Government Version: 03/16/2012
Date Data Arrived at EDR: 03/19/2012
Date Made Active in Reports: 04/13/2012
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 804-698-4031
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

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: 09/07/2012
Date Data Arrived at EDR: 09/13/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 804-698-4077
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

AIRS: Permitted Airs Facility List
A listing of permitted Airs facilities.

Date of Government Version: 11/02/2012
Date Data Arrived at EDR: 09/13/2012
Date Made Active in Reports: 10/11/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 804-698-4000
Last EDR Contact: 08/30/2012
Next Scheduled EDR Contact: 12/17/2012
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: 12/31/2010
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/30/2011
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 804-698-4159
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Annually

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 06/07/2012
Date Data Arrived at EDR: 07/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

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: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

FINANCIAL ASSURANCE: 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: 06/27/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 07/24/2012
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 804-698-4205
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 05/24/2012
Date Data Arrived at EDR: 06/05/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information listing

Solid waste financial assurance information.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 06/08/2012
Date Made Active in Reports: 07/24/2012
Number of Days to Update: 46

Source: Department of Environmental Quality
Telephone: 804-698-4123
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 11/19/2012
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of facilities with coal ash impoundments.

Date of Government Version: 07/29/2009
Date Data Arrived at EDR: 07/31/2009
Date Made Active in Reports: 08/21/2009
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 804-698-4285
Last EDR Contact: 09/06/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan 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: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/14/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

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: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/09/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 55

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

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

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

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

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

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

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

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

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 804-692-1900

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PULASKI FEASIBILITY STUDY - 6 AND 7
PULASKI FEASIBILITY STUDY - 6 AND 7
PULASKI, VA 24301

TARGET PROPERTY COORDINATES

Latitude (North):	37.043 - 37° 2' 34.80"
Longitude (West):	80.7458 - 80° 44' 44.88"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	522605.5
UTM Y (Meters):	4099469.5
Elevation:	1925 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37080-A6 DUBLIN, VA
Most Recent Revision:	1984
West Map:	37080-A7 PULASKI, VA
Most Recent Revision:	1984

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

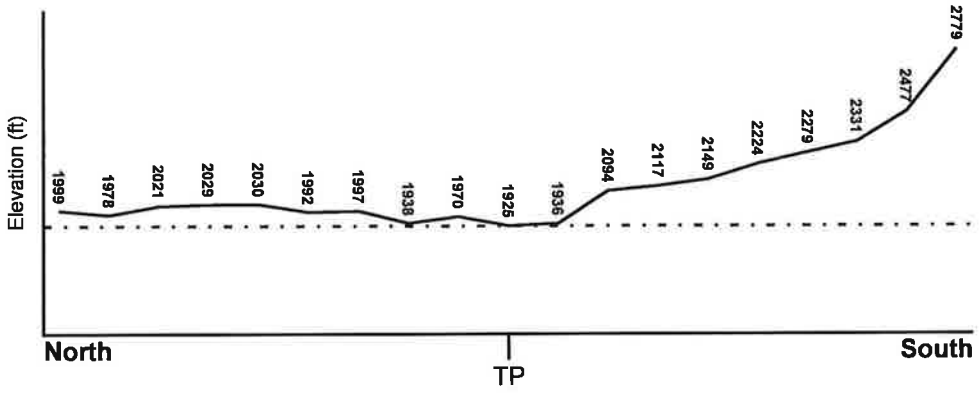
TOPOGRAPHIC INFORMATION

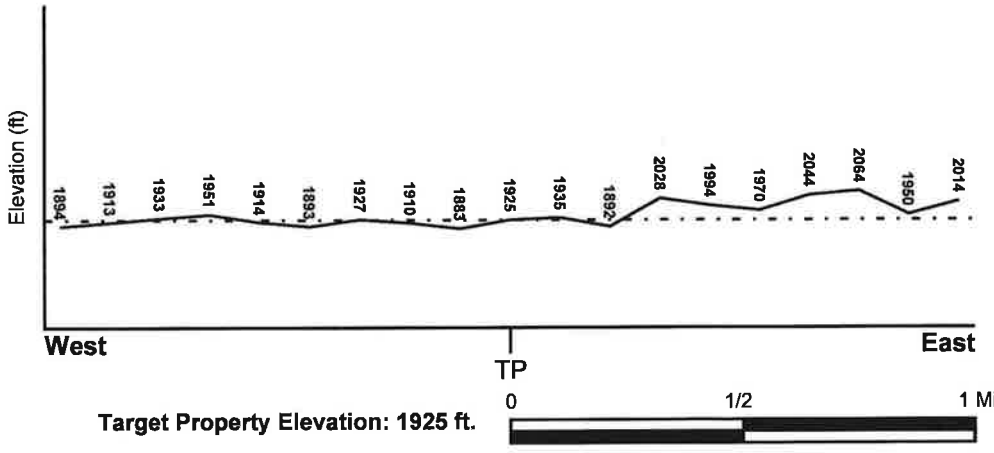
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 1925 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
PULASKI, VA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 51155C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
DUBLIN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	C *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:	CHILHOWIE
Soil Surface Texture:	silty clay loam
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	5 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 8.40 Min: 6.10
2	5 inches	13 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.10
3	13 inches	25 inches	extremely channery - clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
4	25 inches	29 inches	unweathered bedrock	Not reported	Not reported	Max: 20.00 Min: 2.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silty clay
silt loam
unweathered bedrock

Surficial Soil Types: silty clay
silt loam
unweathered bedrock

Shallow Soil Types: silty clay loam
silty clay

Deeper Soil Types: clay

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

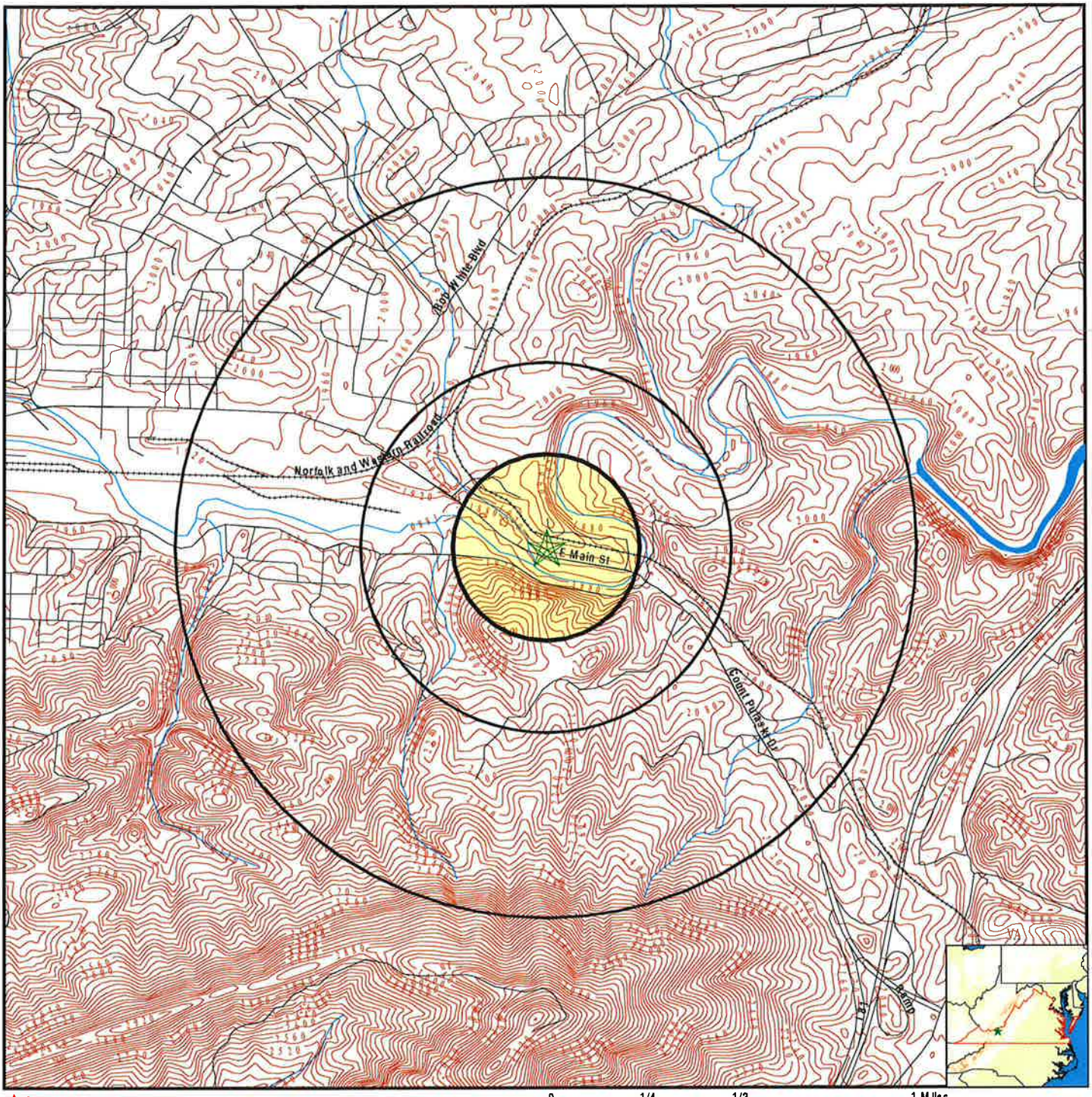
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3446172.2s



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

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

SITE NAME:	Pulaski Feasibility Study - 6 and 7	CLIENT:	AECOM
ADDRESS:	Pulaski Feasibility Study - 6 and 7 Pulaski VA 24301	CONTACT:	Brendan Mcguinness
		INQUIRY #:	3446172.2s
LAT/LONG:	37.043 / -80.7458	DATE:	November 02, 2012 3:08 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 24301

Number of sites tested: 223.

Maximum Radon Level: 36.7 pCi/L.
Minimum Radon Level: 0.5 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
120 (53.81%)	57 (25.56%)	35 (15.70%)	11 (4.93%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for PULASKI County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Virginia Public Water Supplies
Source: Department of Health, Office of Water Programs
Telephone: 804-786-1756

OTHER STATE DATABASE INFORMATION

Virginia Oil and Gas Wells
Source: Department of Mines, Minerals and Energy
Telephone: 804-692-3200
A listing of oil and gas well locations

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

EPA Region 3 Statistical Summary Readings
Source: Region 3 EPA
Telephone: 215-814-2082
Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Pulaski Feasibility Study - 6 and 7
Pulaski Feasibility Study - 6 and 7
Pulaski, VA 24301

Inquiry Number: 3446172.8s
November 02, 2012

EDR NEPACheck®

EDR® Environmental Data Resources Inc

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

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

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EDR NEPACheck® DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

Section	Regulation
Natural Areas Map	
• Federal Lands Data:	
- Officially designated wilderness areas	47 CFR 1.1307(1)
- Officially designated wildlife preserves, sanctuaries and refuges	47 CFR 1.1307(2)
- Wild and scenic rivers	40 CFR 6.302(e)
- Fish and Wildlife	40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	47 CFR 1.1307(3); 40 CFR 6.302
Historic Sites Map	
• National Register of Historic Places • State Historic Places (where available) • Indian Reservations	47 CFR 1.1307(4); 40 CFR 6.302
Flood Plain Map	
• National Flood Plain Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302
Wetlands Map	
• National Wetlands Inventory Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302
FCC & FAA Map	
• FCC antenna/tower sites, FAA Markings and Obstructions, Airports, Topographic gradient	47 CFR 1.1307(8)
Key Contacts and Government Records Searched	

MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 22 of this report.

TARGET PROPERTY ADDRESS

PULASKI FEASIBILITY STUDY - 6 AND 7
PULASKI FEASIBILITY STUDY - 6 AND 7
PULASKI, VA 24301

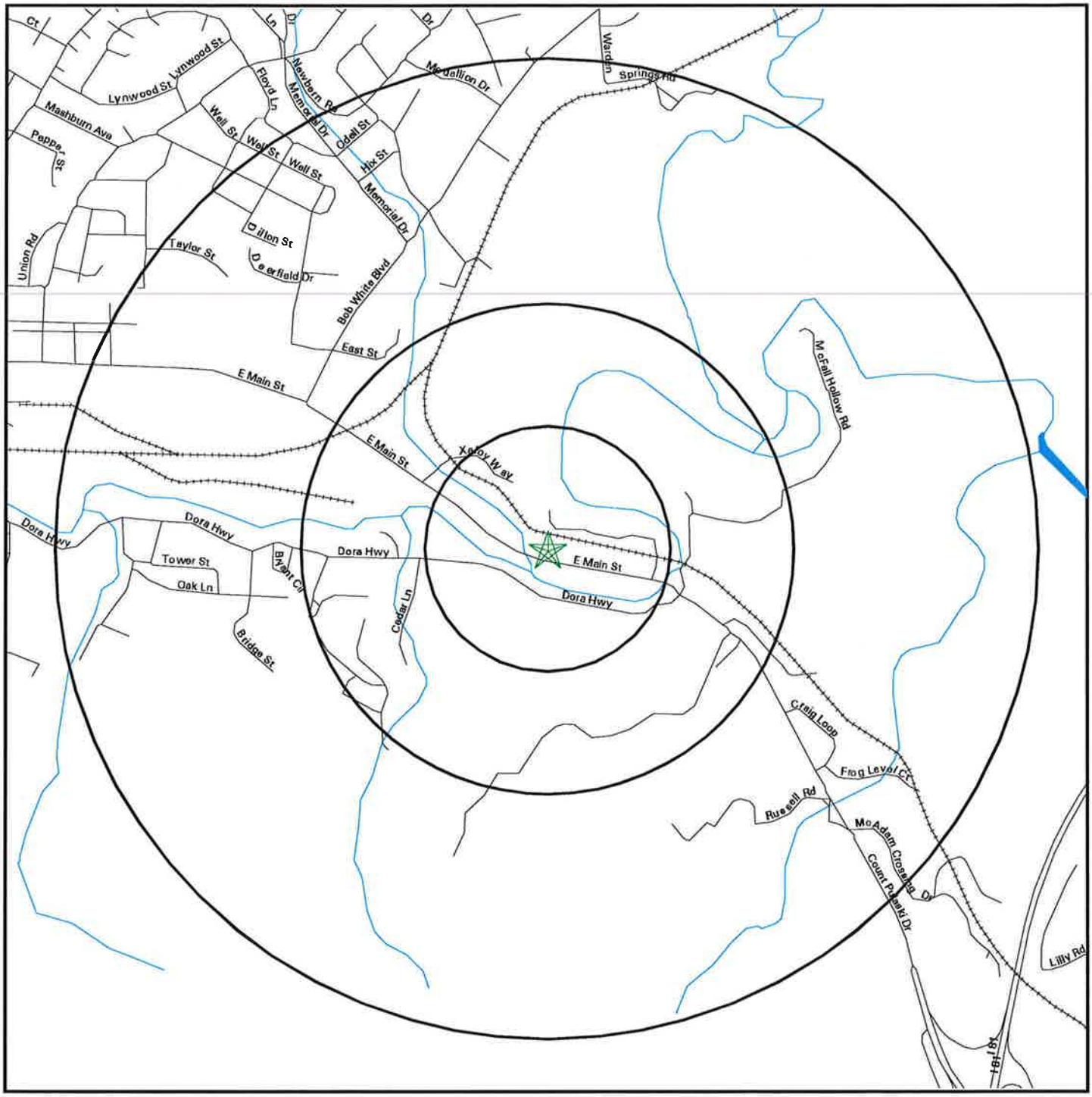
Inquiry #: 3446172.8s
Date: 11/2/12

TARGET PROPERTY COORDINATES

Latitude (North):	37.042999 - 37° 2' 34.8"
Longitude (West):	80.745796 - 80° 44' 44.9"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	522605.5
UTM Y (Meters):	4099469.5

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
NATURAL AREAS MAP				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	VA Endangered Species	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A
HISTORIC SITES MAP				
1.1307a (4) Listed or eligible for National Register	VA Historic Sites	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	NO	NO
	Indian Reservation	1.00	NO	NO
	APPAL_TRAIL	1.00	NO	NO
FLOODPLAIN MAP				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	YES
WETLANDS MAP				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	NO
FCC & FAA SITES MAP				
	Cellular	1.00	NO	NO
	4G Cellular	1.00	NO	NO
	Antenna Structure Registration	1.00	NO	NO
	Towers	1.00	NO	NO
	AM Antenna	1.00	NO	NO
	FM Antenna	1.00	NO	NO
	FAA DOF	1.00	YES	NO
	Airports	1.00	NO	---
	Power Lines	1.00	NO	---

Natural Areas Map



- Target Property
- Roads
- County Boundary
- Waterways
- Water
- Locations
- Federal Areas
- Federal Linear Features
- State Areas
- State Linear Features

SITE NAME:	Pulaski Feasibility Study - 6 and 7	CLIENT:	AECOM
ADDRESS:	Pulaski Feasibility Study - 6 and 7 Pulaski VA 24301	CONTACT:	Brendan Mcguinness
		INQUIRY #:	3446172.8s
LAT/LONG:	37.043 / -80.7458	DATE:	November 2, 2012

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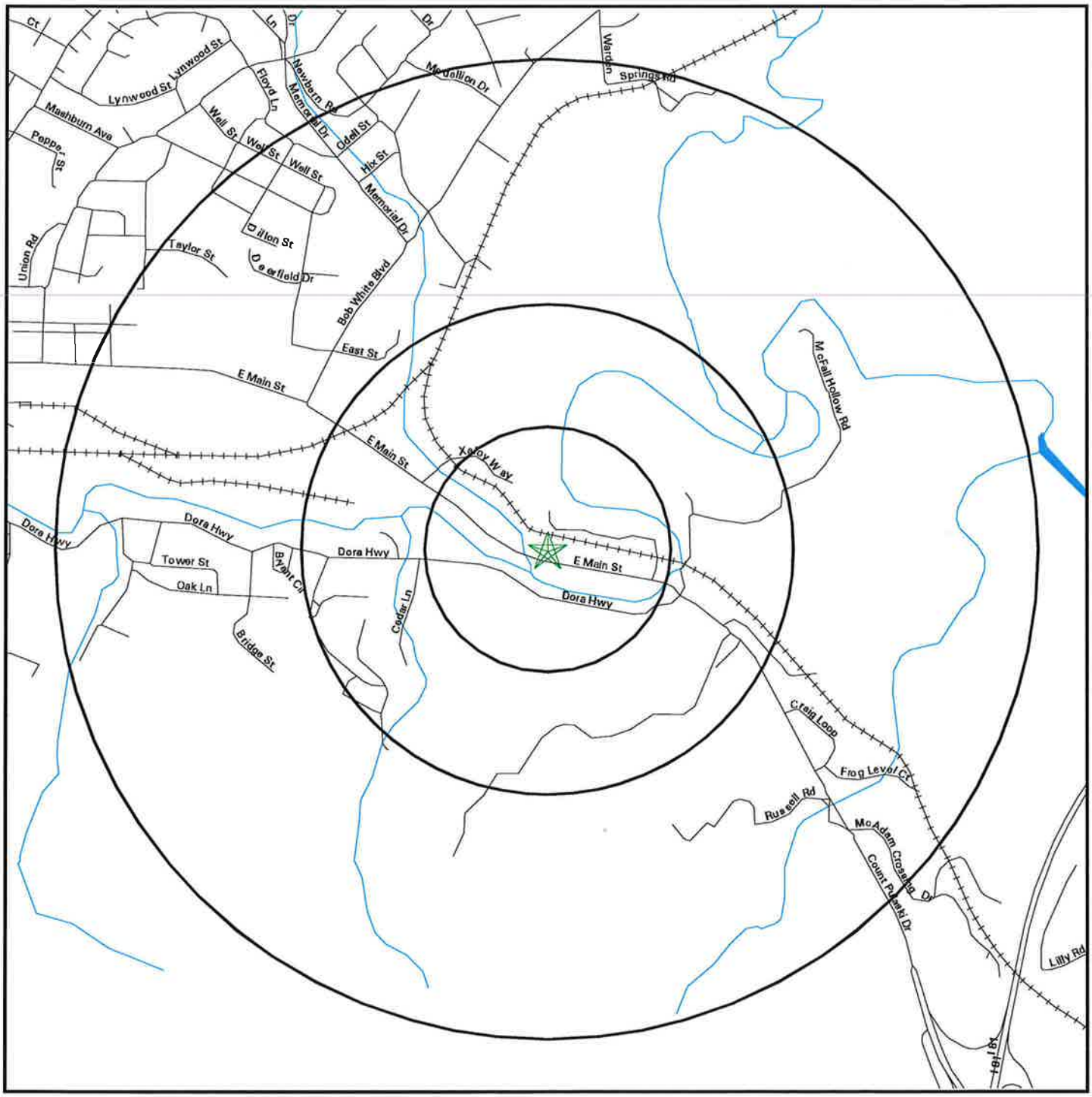
NATURAL AREAS MAP FINDINGS

Endangered Species Listed for: PULASKI County, VA.
Source: EPA Endangered Species Protection Program Database
PLANT: CONEFLOWER, SMOOTH
SNAIL: SNAIL, VIRGINIA FRINGED MOUNTAIN

Map ID Direction Distance Distance (ft.)	EDR ID Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

Historic Sites Map



- ★ Target Property
- Streets
- County Boundary
- Waterways
- Water
- Historic Sites
- Federal Historic Areas
- State Historic Areas
- US Indian Reservations
- Scenic Trail

SITE NAME:	Pulaski Feasibility Study - 6 and 7	CLIENT:	AECOM
ADDRESS:	Pulaski Feasibility Study - 6 and 7 Pulaski VA 24301	CONTACT:	Brendan Mcguinness
		INQUIRY #:	3446172.8s
LAT/LONG:	37.043 / -80.7458	DATE:	November 2, 2012

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HISTORIC SITES MAP FINDINGS

Map ID Direction Distance Distance (ft.)	EDR ID Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Unmappable
00001432
National Register of Hist. Places

Resname: Calfee Athletic Field
Address: Washington and Pierce Aves., SE
City: Pulaski
Vicinity: Not Reported
County: Pulaski
State: VIRGINIA
Certdate: 20001122
Multname: Not Reported
Acre: 15.0+

Unmappable
VA10001274
VA Historic Sites

County: PULASKI COUNTY
Name: DALTON THEATRE BUILDING
City: Pulaski
Site desc1: Designed by James C. Lombard and Co. of Washington, D.C., and opened in 1921, the Dalton Theatre followed the prototype theater design of Louis Sullivan's Auditorium Theatre in Chicago, in which the theater section is fronted by an office building. I
Site desc2: ts original owner was the firm of Dalton Brothers and Richardson. The plain, businesslike exterior contrasted with rich plasterwork decorations of the theater interior, which collapsed in a flood over a decade ago. The original tenants of the shop fr
Site desc3: onts were a bank and a drugstore; offices and apartments occupied the upper two floors. The the ater had one of the largest stage areas on the rail line between Richmond and Tennessee and accommodated vaudeville performances in its heyday. Vaudeville
Site desc4: shows ended by the 1930s, but the theater continued to exhibit films until the mid-1960s.
Site desc5: Not Reported
Site number: 125-02
Vlr date: 11/15/77
Added date: 05/07/79
Edr id: VA10001274
Isgeo: N

Unmappable
VA10001748
VA Historic Sites

County: WYTHE COUNTY
Name: MARTIN ARCHAEOLOGICAL SITE
City: Draper vicinity
Site desc1: On the banks of the New River, this Indian site was occupied during the Late Woodland period (A.D. 900-1600). Test excavations on the site

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Site desc2:	have established the presence of an Indian village, probably consisting of a cluster of domelike structures and perhaps enclosed by a palisade. Evidence of a succession of earlier occupations is preserved in the stratigraphy beneath the village remains. Artifacts found on the site include pottery sherds, stone tools, ceramic and shell trade items, and floral
Site desc3:	and faunal remains. A rare shell gorget is among the more interesting items to have been unearthed.
Site desc4:	Not Reported
Site desc5:	Not Reported
Site number:	98-46
Vlr date:	04/16/74
Added date:	08/13/74
Edr id:	VA10001748
Isgeo:	N

Unmappable
86000405
National Register of Hist. Places

Resname:	Pulaski Historic Commercial District
Address:	Roughly bounded by Third St., Madison Ave., Norfolk & Western RR tracks, and Randolph Ave.
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	19860313
Multname:	Not Reported
Acre:	46.0+

Unmappable
88001216
National Register of Hist. Places

Resname:	Pulaski Historic Residential District
Address:	Roughly bounded by Eleventh St., Prospect, Madison and Washington Aves., Second St., and Henry Ave.
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	19880811
Multname:	Not Reported
Acre:	145.0+

Unmappable
91001580
National Register of Hist. Places

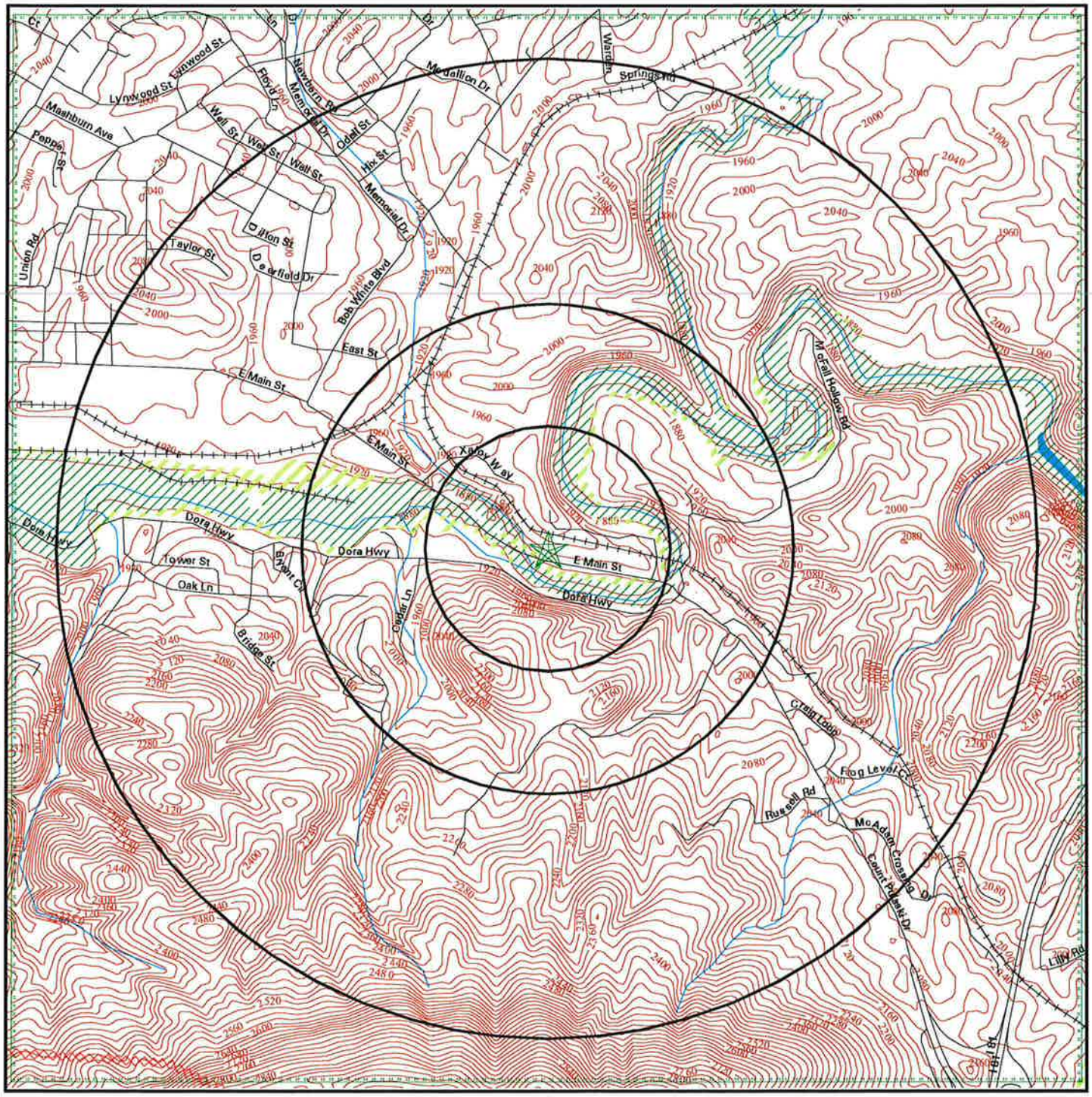
UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Resname:	Pulaski South Historic Residential and Industrial District
Address:	Roughly bounded by Bertha St., Commerce St., Pierce Ave., 5th St. and Pulaski St.
City:	Pulaski
Vicinity:	Not Reported
County:	Pulaski
State:	VIRGINIA
Certdate:	19911029
Multname:	Not Reported
Acre:	112.0+

Flood Plain Map



- Major Roads
- Contour Lines
- Waterways
- County Boundary
- Power Lines
- Pipe Lines
- Fault Lines
- Water
- 100-year flood zone
- 500-year flood zone
- Electronic FEMA data available
- Electronic FEMA data not available

SITE NAME: Pulaski Feasibility Study - 6 and 7	CLIENT: AECOM
ADDRESS: Pulaski Feasibility Study - 6 and 7 Pulaski VA 24301	CONTACT: Brendan Mcguinness INQUIRY #: 3446172.8s
LAT/LONG: 37.043 / -80.7458	DATE: November 2, 2012

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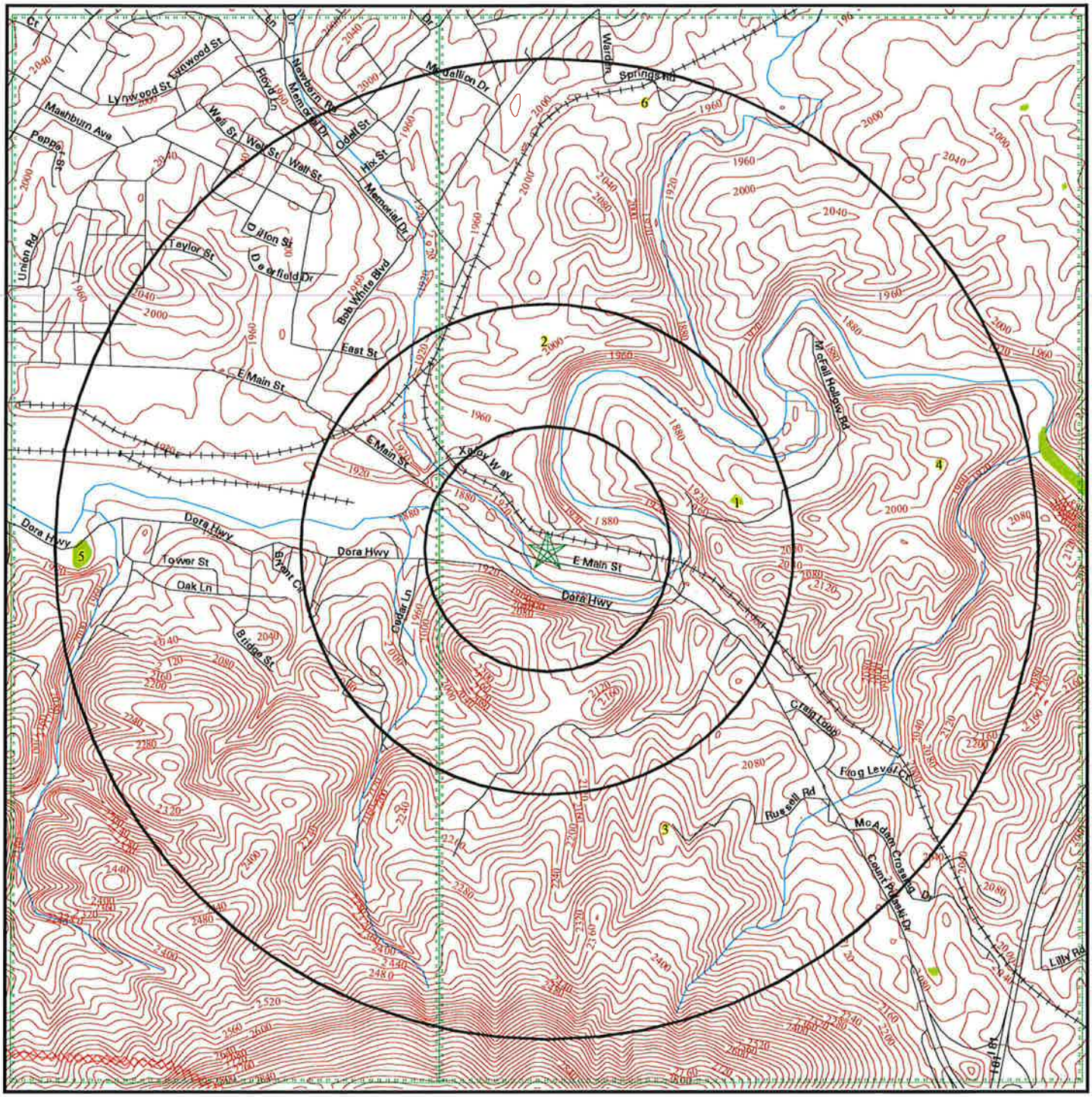
FLOOD PLAIN MAP FINDINGS

Source: FEMA DFIRM Flood Data, FEMA Q3 Flood Data

County	FEMA flood data electronic coverage
PULASKI, VA	YES
Flood Plain panel at target property:	51155C (FEMA DFIRM Flood data)
Additional Flood Plain panel(s) in search area:	None Reported

National Wetlands Inventory Map



- Major Roads
- Contour Lines
- Waterways
- County Boundary
- Power Lines
- Pipe Lines
- Fault Lines
- Water
- National Wetlands Inventory
- Electronic NWI data available
- Electronic NWI data not available

SITE NAME:	Pulaski Feasibility Study - 6 and 7	CLIENT:	AECOM
ADDRESS:	Pulaski Feasibility Study - 6 and 7 Pulaski VA 24301	CONTACT:	Brendan Mcguinness
		INQUIRY #:	3446172.8s
LAT/LONG:	37.043 / -80.7458	DATE:	November 2, 2012

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WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Dublin
Additional NWI hardcopy map(s) in search area:
Pulaski

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
1 ENE 1/4-1/2 mi 2012	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.044407 / -80.739128	NWI
2 North 1/4-1/2 mi 2227	PUSCx [P] Palustrine, [US] Unconsolidated Shore, [C] Seasonally Flooded, [x] Excavated Lat/Lon: 37.049118 / -80.745903	NWI
3 SSE 1/2-1 mi 3210	PFO1C [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded Lat/Lon: 37.034866 / -80.741539	NWI
4 ENE 1/2-1 mi 4269	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.045555 / -80.731514	NWI
5 West 1/2-1 mi 4883	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 37.042923 / -80.762535	NWI
6 NNE 1/2-1 mi 4903	PUBFh [P] Palustrine, [UB] Unconsolidated Bottom, [F] Semipermanently Flooded, [h] Diked/Impounded Lat/Lon: 37.056179 / -80.742332	NWI

*See Wetland Classification System for additional information.

WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

SYSTEM **MARINE**

SUBSYSTEM **1 - SUBTIDAL** **2 - INTERTIDAL**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom	AB-AQUATIC BED	RF-REEF	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm		1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic

SYSTEM **E - ESTUARINE**

SUBSYSTEM **1 - SUBTIDAL**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	

SUBSYSTEM **2 - INTERTIDAL**

CLASS	AB-AQUATIC BED	RF-REEF	SB - STREAMBED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	SS-SCRUB SHRUB	FO-FORESTED
Subclass	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	1 Cobble- Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble- Gravel 2 Sand 3 Mud 4 Organic	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen

SYSTEM — **R - RIVERINE**

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	RB-ROCK BOTTOM UB-UNCONSOLIDATED BOTTOM *SB-STREAMBED AB-AQUATIC BED RS-ROCKY SHORE US-UNCONSOLIDATED SHORE **EM-EMERGENT OW-OPEN WATER/ Unknown Bottom				
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent

* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.
**EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM — **L - LACUSTRINE**

SUBSYSTEM	1 - LIMNETIC	2 - LITTORAL
CLASS	RB-ROCK BOTTOM UB-UNCONSOLIDATED BOTTOM AB-AQUATIC BED OW-OPEN WATER/ Unknown Bottom	RB-ROCK BOTTOM UB-UNCONSOLIDATED BOTTOM AB-AQUATIC BED RS-ROCKY SHORE US-UNCONSOLIDATED SHORE EM-EMERGENT OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble 1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble 1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface 1 Bedrock 2 Rubble 1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated 2 Nonpersistent

SUBSYSTEM — **P - PALUSTRINE**

CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS-LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Bottom									
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6Deciduous 7 Evergreen	

MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME

Non-Tidal

- A Temporarily Flooded
- B Saturated
- C Seasonally Flooded
- D Seasonally Flooded/ Well Drained
- E Seasonally Flooded/ Saturated
- F Semipermanently Flooded
- G Intermittently Exposed

Tidal

- H Permanently Flooded
- J Intermittently Flooded
- K Artificially Flooded
- W Intermittently Flooded/Temporary
- Y Saturated/Semipermanent/ Seasonal
- Z Intermittently Exposed/Permanent
- U Unknown

CoastalHalinityInlandSalinitypHModifiersfor

- K Artificially Flooded
- L Subtidal
- M Irregularly Exposed
- N Regularly Flooded
- P Irregularly Flooded
- *S Temporary-Tidal
- *R Seasonal-Tidal
- *T Semipermanent -Tidal
- V Permanent -Tidal
- U Unknown

*These water regimes are only used in tidally influenced, freshwater systems.

WATER CHEMISTRY

- 1 Hyperhaline
- 2 Euhaline
- 3 Mixohaline (Brackish)
- 4 Polyhaline
- 5 Mesohaline
- 6 Oligohaline
- 0 Fresh
- 7 Hypersaline
- 8 Eusaline
- 9 Mixosaline
- 0 Fresh

all Fresh Water

- a Acid
- t Circumneutral
- i Alkaline

SOIL

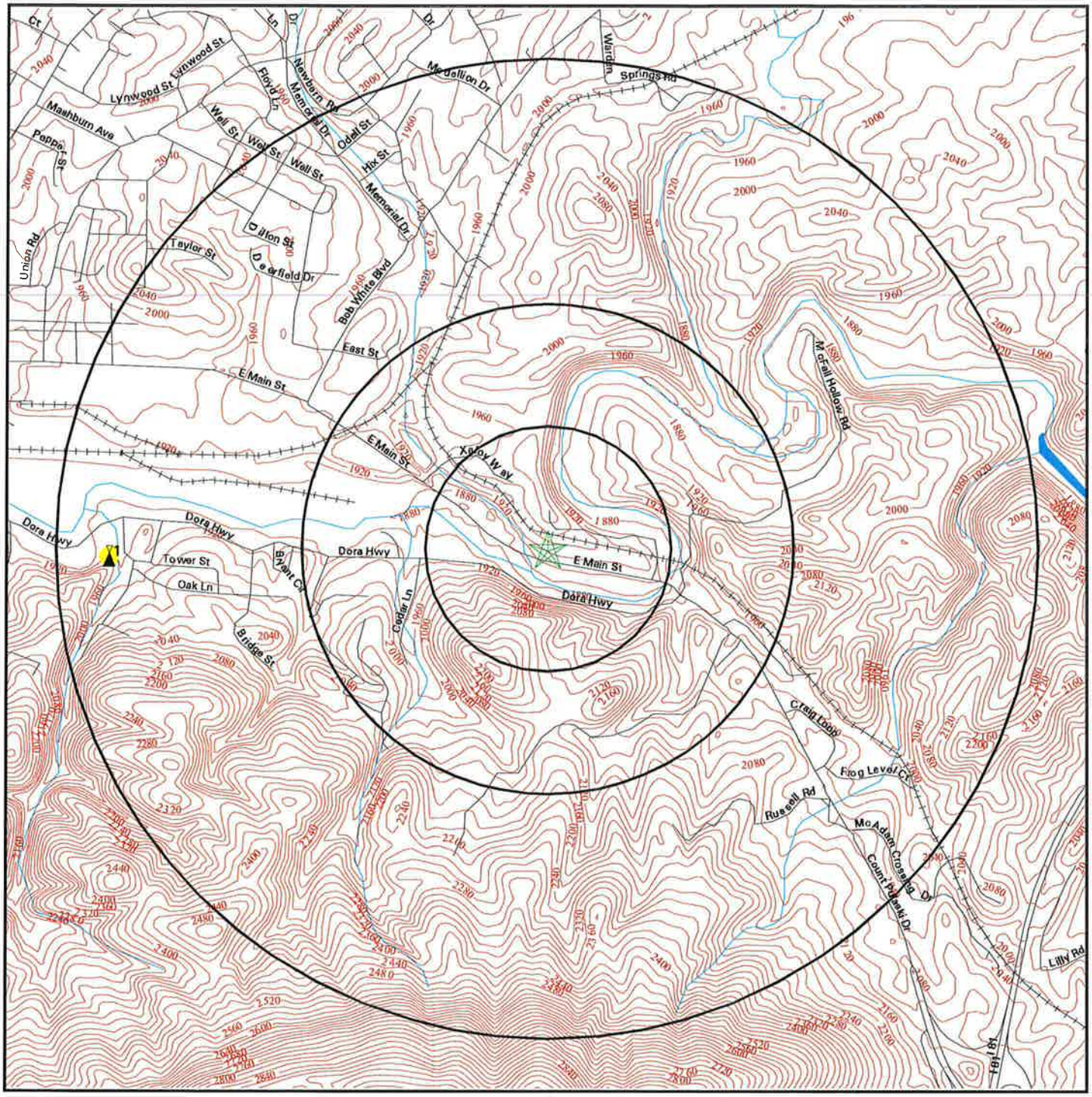
- g Organic
- n Mineral

SPECIAL MODIFIERS

- b Beaver
- d Partially Drained/Ditched
- f Farmed
- h Diked/Impounded
- r Artificial Substrate
- s Spoil
- x Excavated

Source: U.S. Department of the Interior
Fish and Wildlife Service
National Wetlands Inventory

FCC & FAA Sites Map



SITE NAME:	Pulaski Feasibility Study - 6 and 7	CLIENT:	AECOM
ADDRESS:	Pulaski Feasibility Study - 6 and 7 Pulaski VA 24301	CONTACT:	Brendan Mcguinness
		INQUIRY #:	3446172.8s
LAT/LONG:	37.043 / -80.7458	DATE:	November 2, 2012

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FCC & FAA SITES MAP FINDINGS
TOWERS

Map ID Direction Distance Distance (ft.)	EDR ID Database
1 West 1/2-1 mi 4712	DOF200000067963 NOAA_DOF

Obstacle n:	51-000131
O or u:	O
Country:	US
State:	VA
City:	PULASKI
Lat deg:	37
Lat min:	2
Lat sec:	34.00N
Lon deg:	80
Lon min:	45
Lon sec:	43.00W
Obstacle type:	TOWER
Quantity:	1
Agl ht:	194
Amsl ht:	2114
Lighting:	N
Horiz acc:	1
Vert acc:	D
Marking:	M
Faa num:	Not Reported
Action:	Change
Action Date:	1974052 22
Edr id:	DOF200000067963

FCC & FAA SITES MAP FINDINGS
AIRPORTS

EDR ID
Database

No Sites Reported.

FCC & FAA SITES MAP FINDINGS
POWERLINES

EDR ID
Database

No Sites Reported.

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

NATURAL AREAS
Officially designated wilderness areas
Government Records Searched in This Report

FED_LAND: Federal Lands
Source: USGS
Telephone: 703-648-5094
Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.
- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

National Park Service, Northeast Region
200 custom Street, Fifth Floor
Philadelphia, PA 19106
215-597-7013

National Park Service, National Capital Region
1100 Ohio Drive, SW
Washington, DC 20242
202-619-7256

USDA Forest Service, Southern
1720 Peachtree Road, N.W.
Atlanta, GA 30367
404-347-2384

BLM - Eastern States Office
7450 Boston Blvd.
Springfield, VA 22153
703-440-1713

Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

Officially designated wildlife preserves, sanctuaries and refuges
Government Records Searched in This Report

FED_LAND: Federal Lands
Source: USGS
Telephone: 703-648-5094
Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.
- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Federal Contacts for Additional Information
Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

State Contacts for Additional Information

Wild and scenic rivers
Government Records Searched in This Report
FED_LAND: Federal Lands
Source: USGS
Telephone: 703-648-5094
Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.
- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information
Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

Endangered Species

Government Records Searched in This Report
Endangered Species Protection Program Database
A listing of endangered species by county.
Source: Environmental Protection Agency
Telephone: 703-305-5239

VA Endangered Species: VA Endangered Species
Virginia Endangered Species
Source: Department of Game and Inland Fisheries.
Telephone: 804-367-1000

Federal Contacts for Additional Information
Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

State Contacts for Additional Information
Div. Of Natural Heritage, Dept. of Conservation & Recreation 804-367-1000

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES
Historic Places
Government Records Searched in This Report
National Register of Historic Places:
The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.
The National Register includes:
- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 03/23/2006

VA Historic Sites: The Virginia Landmarks Register
A listing of historic sites on the State register. A compliation of the states buildings structures sites and districts that have been officially designated as historic landmarks by the Virginia Board of Historic Resources over the past thirty years.
Source: Department of Historic Resources.
Telephone: 804-367-2323

Federal Contacts for Additional Information
Park Service; Advisory Council on Historic Preservation
1849 C Street NW
Washington, DC 20240
Phone: (202) 208-6843

State Contacts for Additional Information
Department of Historic Resources 804-367-2323

Indian Religious Sites
Government Records Searched in This Report
Indian Reservations:
This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.
Source: USGS
Phone: 888-275-8747
Date of Government Version: 12/31/2005

Federal Contacts for Additional Information
Department of the Interior- Bureau of Indian Affairs
Office of Public Affairs
1849 C Street, NW
Washington, DC 20240-0001
Office: 202-208-3711
Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers
1411 K Street NW, Suite 700
Washington, DC 20005
Phone: 202-628-8476
Fax: 202-628-2241

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

State Contacts for Additional Information
A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:
http://www.doi.gov/bia/areas/agency.html

Scenic Trails

Government Records Searched in This Report
APPAL_TRAIL: Appalachian Trail
Source: Appalachian Trail Conference
Telephone: (304) 535-6331
Appalachian Trail centerline.

State Contacts for Additional Information
Appalachian Trail Conference
799 Washington Street P.O. Box 807
Harpers Ferry, WV 25425-0807
(304) 535-6331

Potomac Heritage Partnership
1623 28th Street, NW
Washington, D.C. 20007
202-338-6222

FLOOD PLAIN, WETLANDS AND COASTAL ZONE

Flood Plain Management
Government Records Searched in This Report
Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Federal Contacts for Additional Information
Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information
Department of Emergency Services 804-897-6500

Wetlands Protection
Government Records Searched in This Report
NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2004 from the U.S. Fish and Wildlife Service.

Federal Contacts for Additional Information
Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information
Dept. of Game & Inland Fisheries 804-367-9231

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Coastal Zone Management
Government Records Searched in This Report
CAMA Management Areas
Dept. of Env., Health & Natural Resources
919-733-2293

Federal Contacts for Additional Information
Office of Ocean and Coastal Resource Management
N/ORM, SSMC4
1305 East-West Highway
Silver Spring, Maryland 20910
301-713-3102

State Contacts for Additional Information
Coastal Program, Dept. of Environmental Quality 804-698-4320

FCC & FAA SITES MAP
For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

Government Records Searched in This Report
Cellular
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

4G Cellular
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

Antenna Structure Registration
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

Towers
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

AM Antenna
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

FM Antenna
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

FAA Digital Obstacle File
Federal Aviation Administration (FAA)
1305 East-West Highway, Station 5631
Silver Sprinng, MD 20910-3281
Telephone: 301-713-2817
Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

Airport Landing Facilities
Federal Aviation Administration
Telephone (800) 457-6656
Private and public use landing facilities.

Electric Power Transmission Line Data
Rextag Strategies Corp.
14405 Walters Road, Suite 510
Houston, TX 77014
281-769-2247
U.S. Electric Transmission and Power Plants systems Digital GIS Data.

Excessive Radio Frequency Emission
For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

Federal Contacts for Additional Information
Office of Engineering and Technology
Federal Communications Commission
445 12th Street SW
Washington, DC 20554
Phone: 202-418-2470

OTHER CONTACT SOURCES

STREET AND ADDRESS INFORMATION

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Appendix I. Design Charrette PowerPoint Presentation

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Pulaski Transit Facility Feasibility Study

Site Selection Process

November 27 & 28, 2012

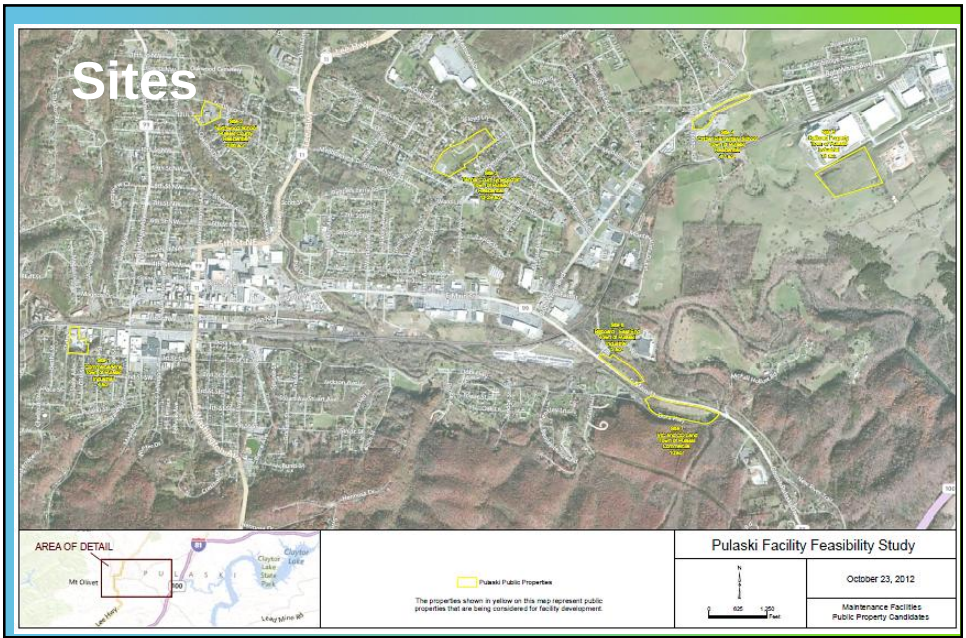
AECOM

Site Selection Criteria

- 3.5 to 6 acres in size
- Compatible zoning
- No residential areas on more than 1 side
- Assume sub-dividing is feasible

AECOM

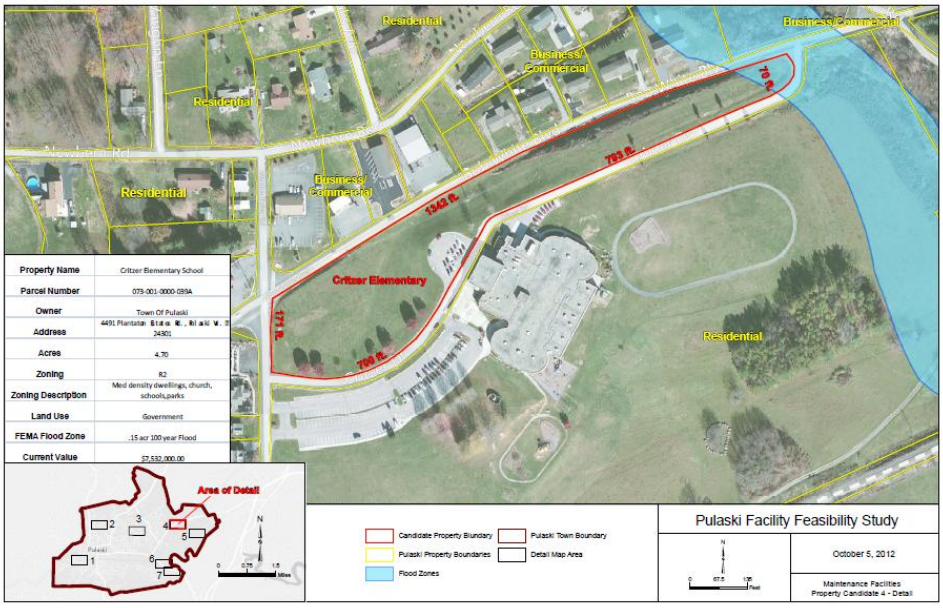
Sites



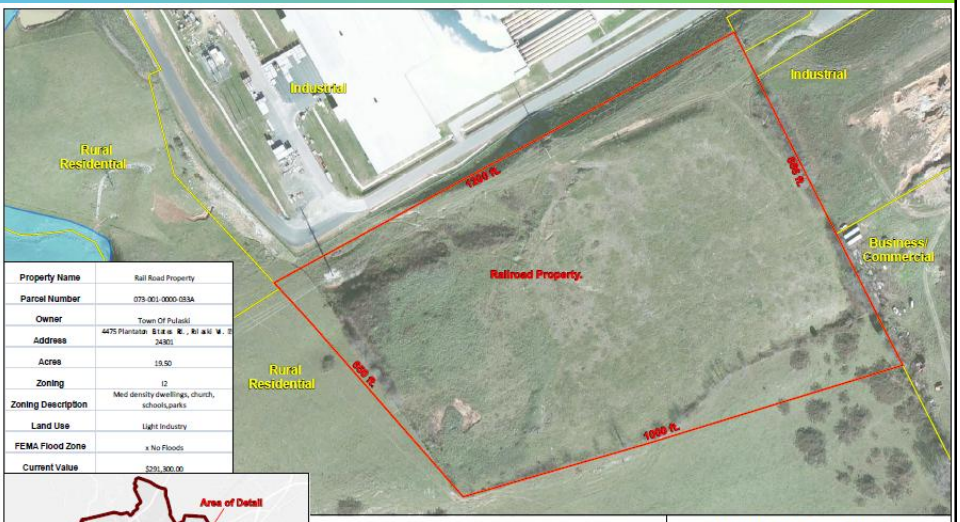
November 27 & 28, 2012 Site Selection

AECOM

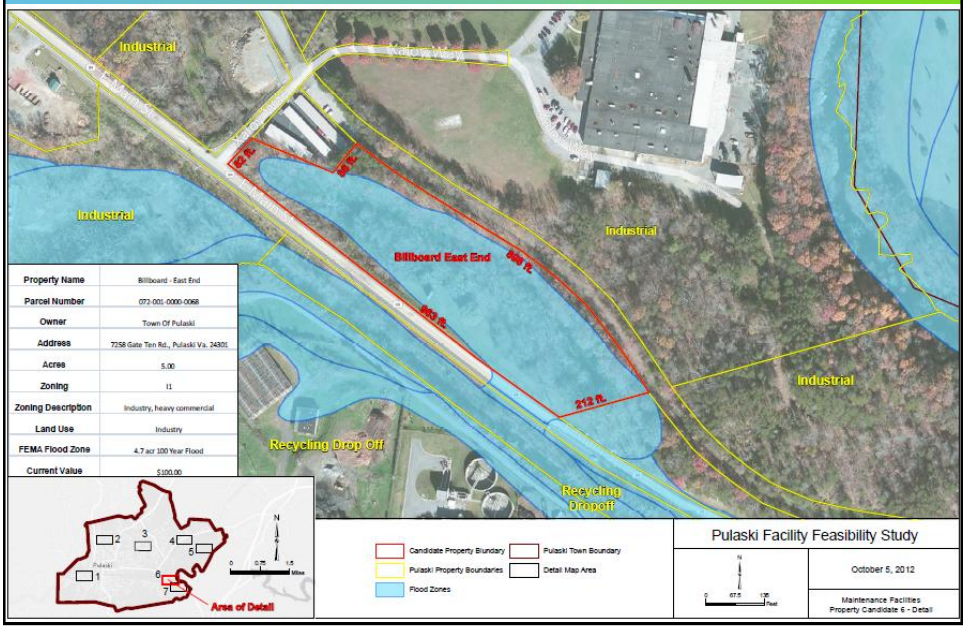
Site 4



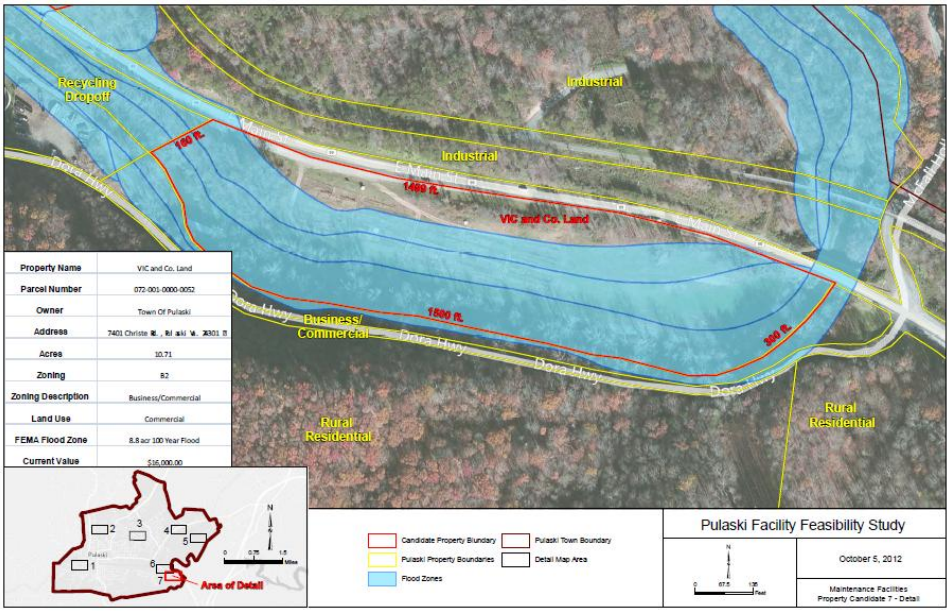
Site 5


Industrial
Industrial
Rural Residential
1300 ft.
650 ft.
Business/ Commercial
Railroad Property.
Rural Residential
650 ft.
1000 ft.
Property Name
Rail Road Property
Parcel Number
073-001-0000-083A
Owner
Town Of Pulaski
Address
4475 Plantation
24301
Acres
19.50
Zoning
I2
Zoning Description
Med density dwellings, church, schools,parks
Land Use
Light Industry
FEMA Flood Zone
x No Floods
Current Value
$291,300.00
Area of Detail
Candidate Property Blundary
Pulaski Property Boundaries
Flood Zones
Pulaski Town Boundary
Detail Map Area
Pulaski Facility Feasibility Study
October 5, 2012
Maintenance Facilities
Property Candidate 5 - Detail

Site 6


Industrial
Industrial
Industrial
Billboard East End
Industrial
Recycling Drop Off
Recycling Dropoff
Property Name
Billboard - East End
Parcel Number
073-001-0000-0068
Owner
Town Of Pulaski
Address
7258 Gate Ten Rd., Pulaski Va. 24301
Acres
5.00
Zoning
I1
Zoning Description
Industry, heavy commercial
Land Use
Industry
FEMA Flood Zone
4.7 acr 100 Year Flood
Current Value
$100.00
Area of Detail
Candidate Property Blundary
Pulaski Property Boundaries
Flood Zones
Pulaski Town Boundary
Detail Map Area
Pulaski Facility Feasibility Study
October 5, 2012
Maintenance Facilities
Property Candidate 6 - Detail

Site 7



Site Decision Matrix

		Site Score						Weighted Score = (Weight) x (Site Score)				
Site Evaluation Factors	**Weight**	**A**	**B**	**C**	**D**	**E**		**A**	**B**	**C**	**D**	**E**
Public Ownership	3	2	3	1	2	1		6	9	3	6	3
Site Preparation Required	2	3	2	2	1	2		6	4	4	2	4
						Totals:		**12**	**13**	**7**	**8**	**7**

In this case, sites A and B would warrant further consideration.

Scoring Scale:
1 = “satisfies criteria poorly” OR “high cost”
2 = “satisfies criteria OK” OR “medium cost”
3 = “satisfies criteria well” OR “low cost”

Site Decision Matrix

- Vacant/Adaptive Reuse/Ready for Development.
- Public Ownership.
- Proximity to Town Center and Existing Development.
- Major Road Access.
- Site Preparation Required.
- Pedestrian Access.
- Available Space/Size.

Site Decision Matrix

- Environmental Impacts.
- Property Acquisition Costs.
- Community Impacts.
- Land Use Compatibility.
- Site Topography.

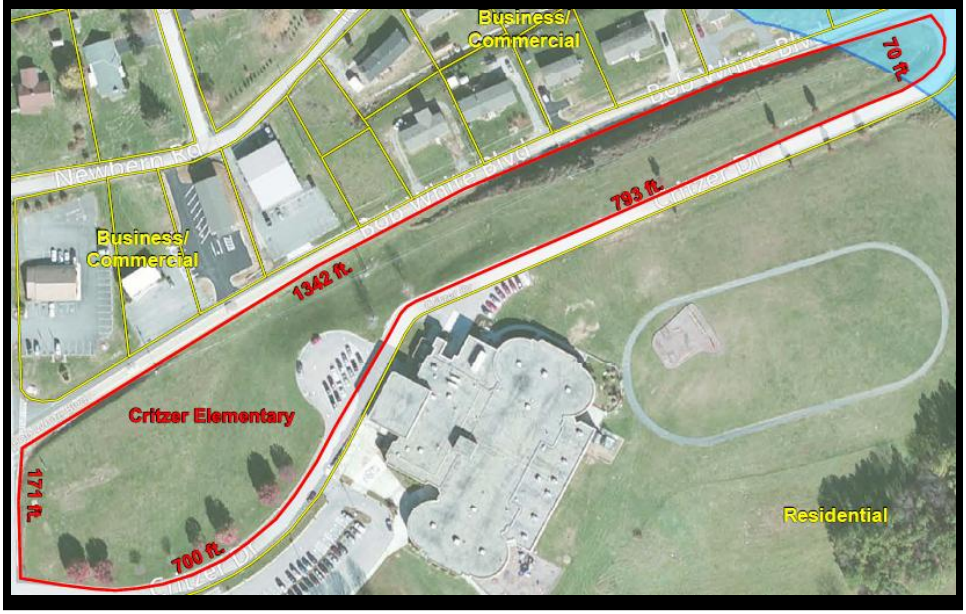
Site DecisionMatrix

Site Evaluation Factor	Weight	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	1 Commerce/Pine	2 Northwood School	3 Tennis Court Lynwood St	4 Critzer Elementary School	5 Railroad Property	6 Billboard - East End	7 VIC and Co. Land
Vacant/Adaptive Reuse/Ready for Development	3	0	0	3	3	3	3	3	0	0	9	9	9	9	9
Public Ownership	3	3	3	3	3	3	3	3	9	9	9	9	9	9	9
Proximity to Town Center and Existing Development (Includes operational efficiency and the limiting of dead-head routing.)	3	3	1	1	2	1	1	1	9	3	3	6	3	3	3
Major Road Access	3	2	1	1	3	3	3	3	6	3	3	9	9	9	9
Site Preparation Required	2	1	1	3	3	3	2	2	2	2	6	6	6	4	4
Pedestrian Access	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1
Available Space/Size	2	2	2	3	2	3	3	3	4	4	6	4	6	6	6
Environmental Impacts	2	2	1	1	2	3	1	1	4	2	2	4	6	2	2
Property Acquisition Costs	3	3	1	3	1	3	3	3	9	3	9	3	9	9	9
Community Impacts	3	2	1	1	2	3	3	3	6	3	3	6	9	9	9
Land Use Compatibility	2	3	1	1	2	3	3	3	6	2	2	4	6	6	6
Site Topography	1	2	3	3	3	2	1	1	2	3	3	3	2	1	1
Total									59	35	56	64	75	68	68

November 27 & 28, 2012 Site Selection

AECOM

Site 4: Critzer Elementary School



Site 4: Critzer Elementary School

AECOM

Site 4: Critzer Elementary School

AECOM

Site 4: Critzer Elementary School

AECOM

Site 4: Critzer Elementary School

AECOM

Site 4: Critzer Elementary School

AECOM

Site 4: Critzer Elementary School

AECOM

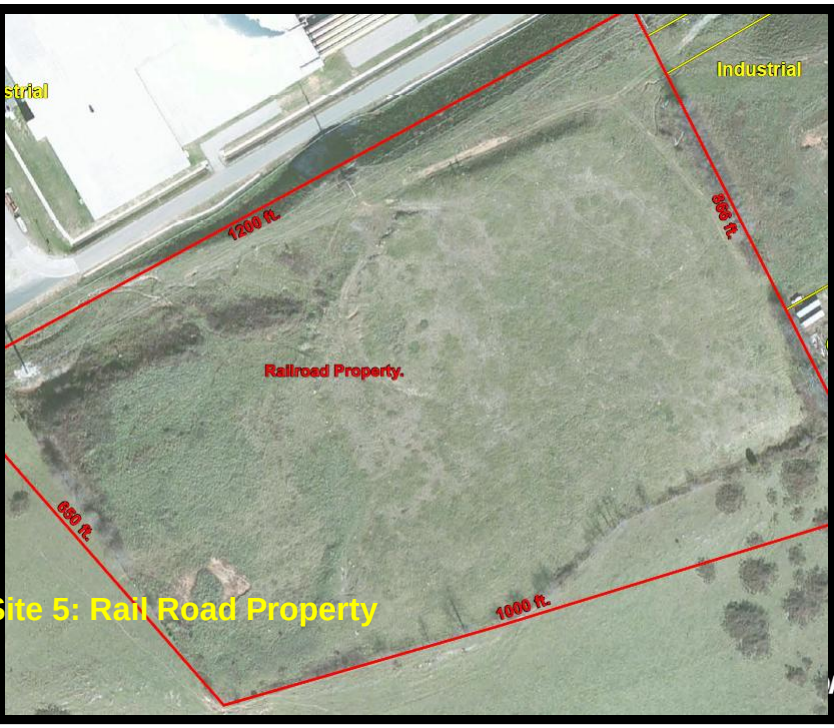
Site 4: Critzer Elementary School

AECOM

Site 4: Critzer Elementary School: Notes

- Significant slopes, particularly on northeast half
- Narrow site limits facility and parking configuration

AECOM



Site 5: Rail Road Property

Site 5: Rail Road Property

AECOM

Site 5: Rail Road Property

AECOM

Site 5: Rail Road Property

AECOM

Site 5: Rail Road Property

AECOM

Site 5: Rail Road Property

AECOM

Site 5: Rail Road Property

AECOM

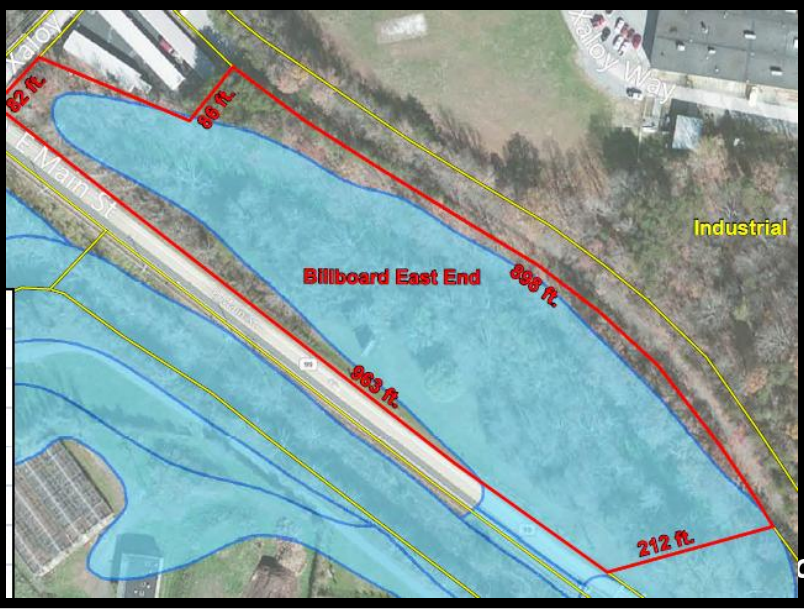
Site 5: Rail Road Property

AECOM

Site 5: Rail Road Property: Notes

- Site mostly comprises dirt cut to build James Hardie Way
- Confirmation samples recommended during geotechnical evaluations
- No contamination seen visually

Site 6: Billboard – East End



Site 6: Billboard – East End

AECOM

Site 6: Billboard – East End

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Site 6: Billboard – East End

AECOM

Site 6: Billboard – East End

AECOM

Site 6: Billboard – East End

AECOM

Site 6: Billboard – East End: Notes

- 100 Year Flood Plain covers much of site
- Would necessitate clearing several trees
- Most of site is close to water level

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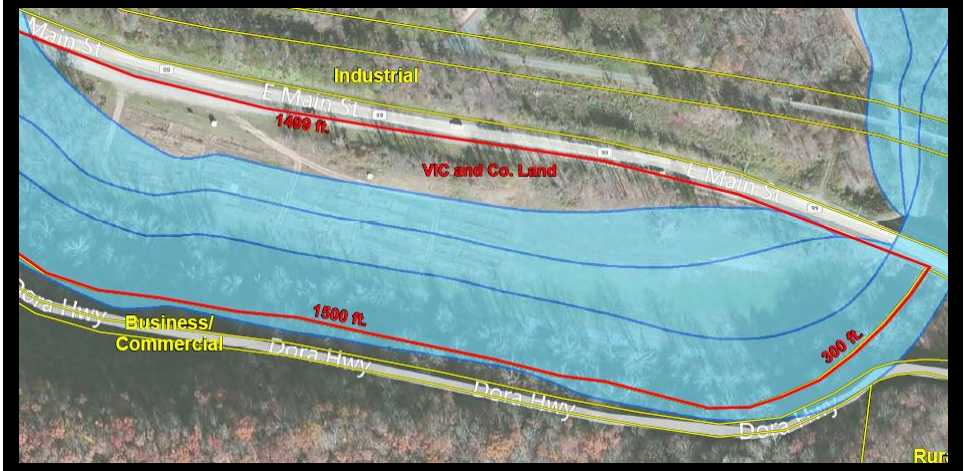
Site 7: Vic and Co. Land



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Site 7: Vic and Co. Land

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Site 7: Vic and Co. Land

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Site 7: Vic and Co. Land

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Site 7: Vic and Co. Land

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Site 7: Vic and Co. Land

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Site 7: Vic and Co. Land

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Site 7: Vic and Co. Land

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Site 7: Vic and Co. Land: Notes

- 100 Year Flood Plain covers much of site
- Empty containers on site, though no evidence of discharge
- Xaloy and lnearby umber operations ended in the 1990s; likely no impacts to property
- Community impact: public garden space throughout site.

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Site 3: Tennis Court Lynwood St

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Site 3: Tennis Court Lynwood St

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Site 3: Tennis Court Lynwood St

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Site 3: Tennis Court Lynwood St

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Site 3: Tennis Court Lynwood St

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Site 3: Tennis Court Lynwood St

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Site 3: Tennis Court Lynwood St

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Site 3: Tennis Court Lynwood St

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Most Notables

- Unknown quality of the fill that makes up the Rail Road Property site
- Sites 6 and 7 are well maintained, but both are within the 100 year flood plain
- Significant slopes on Critzer Elementary School site

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Thanks to all who helped

- John Hawley
- Bill Pedigo
- Tyler Breeding
- ??? From lunch

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Appendix J. Capital Cost Estimate

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Pulaski Area Transit
Space Area Estimate
Conceptual

Estimate Date: 12/18/12
Yr of Base year $: 4Q2012
Yr of Revenue Ops: 2017

	Description	Quantity	Unit	Base Year Dollars w/o Contingency (X1000)	Base Year Dollars Allocated Contingency (X1000)	Base Year Dollars Total (X1000)	Unit Cost $(X1000)	Base Year Dollars % of Construction Cost	Base Year Dollars % of Total Project Cost	Escalation (X1000)	YOE Dollars (X1000)
30.00	SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	0	EA	$6,790	$0	$6,790	$0	99.23%	57.49%	$788	$7,578
30.02	Light Maintenance Facility			$6,790	$0	$6,790				$788	$7,578
40.00	SITEWORK & SPECIAL CONDITIONS	1	EA	$53	$0	$53	$52.50	0.77%	0.44%	$6	$59
40.03	Haz. Mat'l, contam'd soil removal/mitigation, ground water treatments			$53	$0	$53	$52.50			$6	$59
SUBTOTAL SCC CATEGORIES 10-50				$6,843	$0	$6,843		100.00%	57.94%	$795	$7,637
80.00	PROFESSIONAL SERVICES (SCC CATEGORIES 10 - 50)	35.00%		$2,395	$0	$2,395			20.28%	$171	$2,566
80.01	Preliminary Engineering	5.00%		$342	$0	$342				$0	$342
80.02	Final Design	10.00%		$684	$0	$684				$57	$741
80.03	Project Management for Design and Construction	12.00%		$821	$0	$821				$68	$889
80.04	Construction Administration & Management										
80.05	Professional Liability and other non Construction Insurance	3.50%		$239	$0	$239				$20	$259
80.06	Legal; Permits; Review Fees by other agencies, cities, etc.	2.50%		$171	$0	$171				$14	$185
80.07	Surveys, Testing, Investigation, Inspection	1.20%		$82	$0	$82				$7	$89
80.08	Start-up	0.80%		$55	$0	$55				$5	$59
		35.00%									
SUBTOTAL SCC CATEGORIES 10-80				$9,237	$0	$9,237		100%	78.21%	$965	$10,203
90.00	Contingency (Unallocated)	21.79%				$2,573			21.79%	$210	$2,842
100.00	Finance Charges					N/A					N/A
TOTAL PROJECT COST (10-100)						$11,810			100%	$1,176	$13,045

Allocated Contingency as % of Base Yr Dollars w/o Contingency	0.00%	
Unallocated Contingency as % of Base Yr Dollars w/o Contingency	27.85%	
Total Contingency as % of Base Yr Dollars w/o Contingency	27.85%	
Unallocated Contingency as % of Subtotal (10-80)	27.85%	
YOE Construction Cost (10-50) per Mile (X1000)	0.00	$0
YOE Total Project Cost (10-90) per Mile (X1000)	0.00	$0 $0

30.02 Light Maintenance Facility 1.00 LS

Division 1

				Unit Price	
01000	General Construction	1	ls	$300,000.00	$300,000.00
	Weather Efficiency	1	ls	$0.00	$0.00
01050	Bonding Cost	1	ls	0.80%	$58,080.00
01300	Submittals	1	ls	$38,400.00	$38,400.00
01400	Testing and Surveying	1	ls	$48,000.00	$48,000.00
01800	Contract Close-Out & As-Builds	1	ls	$15,000.00	$15,000.00
					$459,480.00

Division 2

Spec. No.	**Earthwork**	qty	units	rate	estimate cost
	Clearing and Grubbing	1	ls	$30,000.00	$30,000
02316	Common Excavation	3,486	cy	$40.00	$139,441
02320	Structural Excavation	1,302	cy	$50.00	$65,113
02330	Footing Backfill - Select Fill	389	cy	$40.00	$15,541
02330	Crushed Gravel Base	555	tons	$45.00	$24,991
02350	E&S Control	1	ls	$20,000.00	$20,000
02610	15" RCP	400	ft	$90.00	$36,000
02724	6" DIP Water Line	150	ft	$90.00	$13,500
02724	4" DIP Water Line	100	ft	$65.00	$6,500
	Detention Basins & Filters	0	ea	$400,000.00	$0
02785	Sidewalk	1,000	sf	$17.00	$17,000
02781	Concrete Curb	3,000	ft	$20.00	$60,000
02786	Concrete Ramp	200	sf	$27.00	$5,400
02735	Geosynthetic Fabric	172,884	sf	$1.50	$259,326
02740	Bituminous Base Course 2 1/2"	172,884	sf	$3.80	$656,959
02740	Bituminous Wearing Course 1 1/2"	172,884	sf	$2.50	$432,210
02766	Line Painting	6600	lf	$0.70	$4,620
02766	Handicap Markings	6	ea	$300.00	$1,800
02820	Chain Link Fencing	1,124	lf	$45.00	$50,592
	Bicycle Rack	6	ea	$600.00	$3,600
02920	Landscaping Mulch	6000	sf	$0.60	$3,600
02930	Landscaping Trees	25	ea	$400.00	$10,000
02930	Landscaping Shrubs	200	ea	$70.00	$14,000
02920	Landscaping Native Grasses	6,000	sf	$0.20	$1,200
					$1,871,394

Division 3

Concrete Work

03305	Continuous Footing, Footers and Piers	353	cy	$700.00	$247,126
03305	Misc CIP Concrete	20	cy	$600.00	$12,000
03305	Slab on Grade 5"	16,455	sf	$12.00	$197,460
03305	Slab on Grade 8"	0	sf	$19.00	$0
03305	Concrete Stairs	8	cy	$100.00	$800
	Topping on Epic Panels	5,400	sf	$10.00	$54,000

					$511,386
03450	Metal Panels	15,407	sf	$10.00	$154,070
03510	Floor Planks	5,400	sf	$0.00	$0
					$154,070

Total Division 3 **$665,456**

Division 4

04200	8" Interior Block	4,200	sf	$18.00	$75,600.00
04250	8" Glazed Block	3,920	sf	$32.00	$125,440.28
					$201,040.28

Division 5

05120	Structural Steel (mat'l only); Butler Building	138,640	lbs	$1.80	$249,552.00
05120	Structural Steel (labor & equipment)	138,640	lbs	$1.60	$221,824.00
05319	Bar Joist Roof System	27,000	lbs	$2.30	$62,100.00
05320	Metal Deck Roof	11,808	sf	$5.50	$64,944.00
05324	Epic Deck Second Floor	5,400	sf	$11.00	$59,400.00
05130	Misc. Metals	5,000	lbs	$7.00	$35,000.00
					$692,820

Division 6 Material & Labor

06100	Roof Carpentry				
	2x12 Roof Cap Blocking	702	bf	$4.40	$3,089
	4x4 Cant Blocking	500	lf	$3.30	$1,650
	In-Wall Blocking				
	2x6 Misc. Blocking	1,000	bf	$4.00	$4,000
06200	Finish Carpentry				
	Base Cabinet Unit	40	lf	$240.00	$9,600
	Upper Cabinet Unit	40	lf	$190.00	$7,600
	Counter Tops	71	lf	$90.00	$6,372
	Coat Rack & Shelf	20	lf	$80.00	$1,600
					$33,911

Division 7

07500	Roof Insulation and TPO	11,808	sf	$8.00	$94,464.00
07560	Roof Metal Coping	702	ft	$12.00	$8,424.00
07720	Roof Hatches 2-6x6-6	2	ea	$4,000.00	$8,000.00
	Water Proofing				
07130	Slab Vapor Barrier	16,455	sf	$0.90	$14,809.50
07210	At Exterior Walls	2,106	sf	$2.40	$5,054.40

	Sealants				
07900	Sealants	12,636	lf	$1.50	$18,954.00
					$159,815

Division 8

	Access Doors				
08100	Hollow Metal & Wood Doors				
	Double Door Aluminum Store Front	2	ea	$3,800.00	$7,600.00
	Hollow Metal Door/Frame w/Vision Panel	2	ea	$900.00	$1,800.00
	Hollow Metal Door Frame Insulated w/Vision Panel	5	ea	$1,100.00	$5,500.00
	Hollow Metal Door/Frame 6x7 Insulated w/Vision Panel	1	ea	$1,400.00	$1,400.00
	Hollow Metal Door/Frame 2670	4	ea	$400.00	$1,600.00
	Hollow Metal Door/Frame 3x7	40	ea	$600.00	$24,000.00
	OH Rolling Door 10x10	1	ea	$5,500.00	$5,500.00
08344	Bus Overhead Doors 12x16	6	ea	$10,000.00	$60,000.00
	Glass & Glazing				
	Aluminum Framing Members				
08500	6x4 windows (fixed)	12	ea	$2,000.00	$24,000.00
	Aluminum Framing Members				
08500	Glass Mirrors 3x6	4	ea	$500.00	$2,000.00
	Windows Near Top of Walls				
	Aluminum Framing				
08620	Skylights	192	sf	$55.00	$10,560.00
08710	Finish Hardware				
	Division 8 Labor & Equipment	1	ls	$45,000	$45,000.00
					$188,960.00

Division 9

09100	Painting				
	Interior Walls	15,064	sf	$1.00	$15,064.00
	Interior Ceilings	864	sf	$1.00	$864.00
	HM Door & Frames	52	ea	$250.00	$13,000.00
	Metal OH Doors	1	ea	$400.00	$400.00
	Overhead Bus Doors 16x14	6	ea	$1,200.00	$7,200.00
09200	Drywall & Studs				
	Two sided to 10'	10,000	sf	$6.20	$62,000.00
	One sided Ceiling	864	sf	$3.10	$2,678.40
09300	Ceramic Tile				
	Showers and Bathrooms	864	sf	$28.00	$24,192.00
09500	Ceilings				
	ACT at 10' AFF	7,635	sf	$11.00	$83,985.00
09658	Resilient Tile & Carpet Flooring				
	Rubber Flooring	6,771	sf	$8.50	$57,553.50
	Rubber Base Cove	2,364	lf	$5.00	$11,820.00
09901	Concrete Flooring Coating	0	sf	$4.00	$0.00
					$278,756.90

Division 10

10200	Louvres and Vents	1	ls	$20,000.00	$20,000.00
	Fire Extinguishers				
	Extinguisher	8	ea	$220.00	$1,760.00
	Toilet Partion Dividers	4	ea	$900.00	$3,600.00
	Toilet Asscessories				
	Paper Unit	4	ea	$100.00	$400.00
	Towel Unit	6	ea	$200.00	$1,200.00
	Grab Rails	6	ea	$200.00	$1,200.00
	Shower Curtain	4	ea	$140.00	$560.00
	Shower Shelf	4	ea	$220.00	$880.00
	Lockers	30	ea	$400.00	$12,000.00
	Wood Bench	5	ea	$350.00	$1,750.00
10670	Glass & Frame Storage Rack				$0.00
					$0.00
	Mat. Pack. Stanley Vidmar System	1	ls	$120,000.00	$120,000.00
					$163,350.00

Division 11 -

11141	500 Gal Anti-Freeze, Tranmission Oil & Motor Oil Tank	3	ea	$4,200.00	$12,600.00
11141	55 Gal Axle Bearing Grease	1	ea	$3,100.00	$3,100.00
11141	2000 Gal Waste Oil Collection Tank	1	ea	$8,500.00	$8,500.00
11141	Buried Used Scrubber Water Tank	1	ea	$11,000.00	$11,000.00
11141	Underground Buried Tanks	0	ea	$45,000.00	$0.00
	Lube Reels	20	ea	$1,400.00	$28,000.00
	Reel Banks	4	ea	$5,500.00	$22,000.00
	Oil Filter Press	0	ea	$5,500.00	$0.00
11145	Bus Wash Equipment and Installation	0	ea	$330,000.00	$0.00
11455	Water Softener Package	0	ea.	$3,300.00	$0.00
11510	Scissor Lift Table	0	ea.	$8,800.00	$0.00
11510	Lathe - Metal	0	ea.	$15,000.00	$0.00
11510	Drill Press	1	ea.	$1,000.00	$1,000.00
11510	Pedestal Grinder - 12"	0	ea.	$3,200.00	$0.00
11510	Drilling/Milling Machine - Metal	0	ea.	$40,000.00	$0.00
	50 ton Press; Hydraulic	1	ea.	$11,000.00	$11,000.00
	Tire Inflation Cage	1	ea	$2,200.00	$2,200.00
	Truck Tire Mounter/Demounter	0	ea	$15,000.00	$0.00
	Tire Spreader	0	ea	$9,000.00	$0.00
	Wheel Balancer	0	ea	$17,000.00	$0.00
	Tire Storage Rack	0	ea	$400.00	$0.00
11510	Workbench	3	ea.	$1,500.00	$4,500.00
11510	Workbench	0	ea.	$2,400.00	$0.00
11510	Vise	3	ea.	$500.00	$1,500.00
11510	HazMat Storage Cabinet	1	ea.	$1,200.00	$1,200.00
11510	Flammable Storage Cabinet	0	ea.	$2,000.00	$0.00
11510	Welding Machine - Portable	1	ea.	$4,000.00	$4,000.00
11510	Electrode Oven - Portable	0	ea.	$600.00	$0.00

11510	Step Ladder - Portable	1	ea.	$400.00	$400.00
11510	Steam Generator - Portable	1	ea.	$4,000.00	$4,000.00
11510	Pressure Washer - Steam	0	ea.	$17,000.00	$0.00
	Battery Charger	0	ea	$6,000.00	$0.00
	Lathe, Brake for Drums and Shoes	0	ea.	$77,000.00	$0.00
11800	Equipment Installation	0	ls	$60,000	$0.00
					$131,800.00

Division 12

	FF& E Supply and Install	0	ls	$150,000.00	$0.00
					$0.00

Division 13

13200	Fueling System	0	ea.	$100,000	$0.00
13851	Smoke Detectors	25	ea.	$60	$1,500.00
13851	Heat Detectors	15	ea.	$120	$1,800.00
	Cyclone Vacuuming System	1	ea	$100,000	$100,000.00
13960	Fire Extinguishers	20	ea.	$220	$4,400.00
	Fire Hydrants	2	ea.	$2,500	$5,000.00
13930	Wet-Pipe Sprinkler System	15,000	sf	$5.00	$75,000.00
13960	Pumps for Above Tanks	0	ea.	$5,000	$0.00
					$187,700.00

Division 14

					$0.00
14410	Elevator	1	ea.	$150,000	$150,000.00
14410	Fork Lift Truck	0	ea.	$35,000	$0.00
14410	Pallet Mover	1	ea.	$2,500	$2,500.00
14450	Portable Lifts	2	ea.	$50,000	$100,000.00
14450	Drive-On Parallelgram Lift	0	ea.	$160,000	$0.00
14630	1/2 ton Chain Hoist	1	ea	$2,000	$2,000.00
				$100,000	$0.00
					$0.00
14900		1	ea.	$0	$0.00
					$254,500.00

Division 15

15058	Hangers and Supports for HVAC				
	Horizontal Pipe Support	140	ea.	$30	$4,200.00
	Hanger Rod Connection	420	ea.	$35	$14,700.00
	Roof Duct Supports	5	ea.	$90	$450.00
15083	HVAC Insulation	10,050	sf	$0.50	$5,025.00
15107	Water Piping	300	lf	$5.00	$1,500.00
	Water Supply Piping	500	lf	$35.00	$17,500.00
	Compressed Air Piping	400	lf	$12.00	$4,800.00
	Drain Piping	1,000	lf	$14.00	$14,000.00
	Roof Drain Piping with Hangers	1,500	lf	$12.00	$18,000.00
	Sanitary Line	400	lf	$15.00	$6,000.00
15110	Domestic Water Ball Valves	30	ea.	$30.00	$900.00
	Compressed Air Valves	20	ea.	$260.00	$5,200.00
	Gas Supply Valves	20	ea.	$320.00	$6,400.00
	Gas Supply Pressure Regulators	6	ea.	$1,700.00	$10,200.00
	Butterfly Valves	20	ea.	$150.00	$3,000.00
15112	General Duty Valves for HVAC	30	ea.	$300	$9,000.00
	Hot Water Valves	25	ea.	$260	$6,500.00
	Main Water Meter Service	1	ea.	$12,000	$12,000.00
	3" Diameter Cast Iron Valves	2	ea.	$900	$1,800.00
	8" Diameter Cast Iron Valves	2	ea.	$2,000	$4,000.00
15120	Water Meter Service Gate Valves 3"	3	ea.	$500	$1,500.00

15124	Expansion Fittings	15	ea.	$320	$4,800.00
	Expansion Tanks - Diaphragm Type	1	ea.	$2,000	$2,000.00
15127	Meters and Gages for HVAC	6	ea.	$250	$1,500.00
	Electronic Type Air Measuring Station	2	ea.	$4,800	$9,600.00
	Venturi Type Water Measuring Sta.	2	ea.	$4,200	$8,400.00
15140	Main Backflow Preventer	1	ea.	$12,000	$12,000.00
	3" Service Backflow Preventers	3	ea.	$2,900	$8,700.00
15152	Compressed Air System				
15152	Compressors	1	ea.	$35,000	$35,000.00
15152	Reciever	1	ea.	$12,000	$12,000.00

	Energy Unit Heat Exchanger (AHU-1)	2	ea.	$6,000	$12,000.00
15815	Metal Ducts	1	ls	$30,000	$30,000.00
15820	Duct Assessories				$0.00
	Sound Attenuation	2	ea.	$2,400	$4,800.00
15834	Air Curtains - 8000 CFM	-	ea.	$9,000	$0.00
	Air Curtains - 11,500 CFM	1	ea.	$12,000	$12,000.00
15837	Centrifugal Fans				$0.00
	Exhaust Fans 1000 CFM 0.5" w.g.	6	ea.	$1,200	$7,200.00
	Exhaust Fans 2000 CFM 1.0" w.g.	2	ea.	$2,200	$4,400.00
	Variable Speed Return Air Fan	2	ea.	$5,000	$10,000.00
	Variable Speed Supply Air Fan	2	ea.	$6,200	$12,400.00
	Engine Fume Removal System	2	ea.	$9,000	$18,000.00
15838	Power Ventilators	10	ea.	$950	$9,500.00
15840	Air Terminal Units	6	ea.	$1,500	$9,000.00
15855	Diffusers, Registers and Grilles	40	ea.	$200	$8,000.00
15856	Intake and Relief Valves	20	ea.	$60	$1,200.00
	Air Blender Stations	2	ea.	$3,600	$7,200.00
15861	Air Filters	2	ea.	$1,000	$2,000.00
15900	HVAC Instrumentation	1	ls	$20,000	$20,000.00
	Tamper Switches	5	ea.	$120	$600.00
	HVAC Instrumentation	4	ea.	$100	$400.00
	Duct Detectors	12	ea.	$370	$4,440.00
	CO Sensors	15	ea.	$240	$3,600.00
	CO2 Sensors	6	ea.	$560	$3,360.00
	Boiler Breaching for Steam Generator	1	ls	$4,800	$4,800.00
	Rainwater Harvesting System	-	ea.	$120,000	$0.00
	Control Modules	4	ea.	$300	$1,200.00
	Material Mark Up			20%	$147,817
Plumbing	Labor and Equipment	1	ls	$97,000	$97,000
HVAC	Labor and Equipment	1	ls	$116,400	$116,400
					$1,100,302.00

Division 16

16060	Grounding 4/o Copper	1,000	ft	$2.00	$2,000.00
	Ground Rods	200	ea	$5.00	$1,000.00
	Ground Bonds	67	ea.	$45.00	$3,000.00
16120	Wires and Conductors - #12 THHN	1,500	ft	$0.25	$375.00
	#10 THHN	12,000	ft	$0.35	$4,200.00
	12/2 MC	4,000	ft	$0.45	$1,800.00
	12/2 MC w/Insulated Ground	1,500	ft	$0.55	$825.00
	#2 XLP	4,000	ft	$2.20	$8,800.00
	#6 XLP	2,000	ft	$1.30	$2,600.00
	#8 XLP	2,000	ft	$1.00	$2,000.00
	12/2 Fire Alarm Cable	2,500	ft	$0.90	$2,250.00
	18/2 Alarm Cable	3,000	ft	$1.15	$3,450.00
	#4 XLP	1,000	ft	$1.70	$1,700.00
	#10 XLP	3,000	ft	$0.52	$1,560.00
	4/0 THHN	1,000	ft	$5.20	$5,200.00
	#12 XLP	500	ft	$0.32	$160.00
	#2 THHN	3,000	ft	$1.80	$5,400.00
	500 MCM	1,200	ft	$13.00	$15,600.00
	#6 THHN	600	ft	$1.00	$600.00
	#4 THHN	500	ft	$1.20	$600.00
	Coaxial Cable RC6	1,000	ft	$1.50	$1,500.00
	Telephone Wire	2,000	ft	$0.50	$1,000.00
16132	Conduit - 1" EMT	1,500	ft	$2.25	$3,375.00

	3/4" EMT	3,500	ft	$1.80	$6,300.00
	1 1/2" EMT	1,500	ft	$3.50	$5,250.00
	2" EMT	200	ft	$4.60	$920.00
	2 1/2" PVC	500	ft	$2.70	$1,350.00
	1 1/2" PVC	2,000	ft	$1.40	$2,800.00
	1" PVC	-	ft	$1.00	$0.00
	3/4" RGS	1,200	ft	$6.00	$7,200.00
	3/4" PVC	-	ft	$0.80	$0.00
	1 1/2" RGS	1,200	ft	$15.00	$18,000.00
	2" PVC	1,500	ft	$2.10	$3,150.00
	Stub Up Conduits	40	ea.	$180.00	$7,200.00
	4" PVC	1,000	ft	$4.00	$4,000.00
16133	Lunch Room Floor Ductwork & Boxes	-	ea.	$1,800.00	$0.00
16136	Boxes; NEMA 1 6"x6"x4"	150	ea.	$20.00	$3,000.00
	NEMA 12 24"x30"	12	ea.	$400.00	$4,800.00
16140	Wiring Devices - Toggle Switches	50	ea.	$6.00	$300.00
	Switch Plates	40	ea.	$25.00	$1,000.00
	3 Gang Switch Plates	20	ea.	$75.00	$1,500.00
	120v. Duplex Receptacles	130	ea.	$9.00	$1,170.00
	GFI Duplex Receptacles	20	ea.	$22.00	$440.00
	Duplex Receptacles w/Internal Ground	20	ea.	$15.00	$300.00
	Welding Receptacles w/Disconnect	5	ea.	$140.00	$700.00
16150	Flexible Conduit Connection to Motors	30	ea.	$14.00	$420.00
16230	Emergency Generator	1	ea.	$250,000.00	$250,000.00
16270	Single Phase 240/480 Transformers	1	ea.	$24,500.00	$24,500.00
	Main Disconnect Panel 800 amp	2	ea.	$16,000.00	$32,000.00
	Main Disconnect Panel 1200 amp	1	ea.	$20,000.00	$20,000.00
	400 amp 3 Phase Panel	3	ea.	$6,000.00	$18,000.00
	200 amp single Phase Panel	2	ea.	$1,200.00	$2,400.00
	MCC Starter Combinations -Size 0	15	ea.	$1,900.00	$28,500.00
	Size 1	8	ea.	$2,100.00	$16,800.00
	Size 2	5	ea.	$2,500.00	$12,500.00
	MCC Stand Up Bays	10	ea.	$1,800.00	$18,000.00
	Disconnects - 30 amp	25	ea.	$600.00	$15,000.00
	60 amp	10	ea.	$900.00	$9,000.00
165510	Interior Lighting - 2x4 277volt	80	ea.	$220.00	$17,600.00
	14x48 277 volt	30	ea.	$190.00	$5,700.00
	Bathroom Overhead Sink Fixtures (4' ea.)	8	ea.	$150.00	$1,200.00
	Down Light 120 volt	40	ea.	$160.00	$6,400.00
	Exit Lights	10	ea.	$210.00	$2,100.00
	Outdoor Wall Pack 250w	20	ea.	$490.00	$9,800.00
	High Bay 1000w	29	ea.	$510.00	$14,733.33
	Pole Light Fixtures - Double	4	ea.	$2,500.00	$10,000.00
	Pole Light Fixtures - Single	10	ea.	$2,000.00	$20,000.00
16850	Security and Surveilance System				
	Doors with Access Controls	10	ea.	$1,300.00	$13,000.00
	PTZ Cameras	15	ea.	$5,000.00	$75,000.00
	Digital Video Recorder	2	ea.	$6,500.00	$13,000.00
	Security Controller Panel	1	ea.	$1,900.00	$1,900.00
	Video Monitor	1	ea.	$1,200.00	$1,200.00
	Material Mark-Up			0%	$0.00
16000	Labor and Equipment Installation	1	ls	$97,000	$97,000.00
				53.12235389	$874,128.33

	Administration Building Summary				
01000	General Construction		$459,480.00		
02000	Sitework		$1,871,394		
03000	Concrete Work		$665,456		
04000	Masonry		$201,040.28		
05000	Steel		$692,820		
06000	Carpentry		$33,911		
14000	Conveying Equipment		$254,500.00		
15000	Plumbing & HVAC		$1,100,302.00		
16000	Electrical		$874,128.33		
			$7,263,412.60		
		Say	$7,260,000.00		$419.65 per sf
			$6,790,000.00	Less One Future Maintenance Bay	1125 SF
	POSSIBLE REDUCTIONS - FIRST CUT		$235,688		
	POSSIBLE REDUCTIONS - SECOND CUT		$312,300		
	REVISED TOTAL		$6,712,012.00		(includes equipment, parking area, buildings, etc.)

Appendix K. Operating Cost Estimate

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User's Manual for "Pulaski_Operation Costs Estimates.xlsx"

Overview

The file "Pulaski_Operation Costs Estimates.xlsx" is created for the purpose of projecting operation costs of Pulaski Area Transit (PAT) in the next ten years. The file contains two sheets, "Operation Costs Projection" and "Unit Costs Calculation". The sheet, "Operation Costs Projection", displays the projected operation costs of PAT by items from FY 2013 to FY 2022. The actual costs of FY 2012 are also included as a reference and for the convenience of calculation. The sheet, "Unit Costs Calculation", shows the assumptions for projection and the calculation.

Assumptions

Maintenance supplies costs and motor fuel costs are assumed to depend on both **service hours** and **service miles**. Projection of service hours through 2019 is available in the latest Transit Development Plan of PAT drafted in 2013. An annual growth rate of 6% is assumed for service hours beyond 2019. The current numbers of service miles from 2011 to 2017 are based on the 2011 Transit Development Plan of PAT. Request from PAT: Updated projection of service miles is needed to match the latest service hours' projection.

Training and education, drug testing and uniform costs are assumed to depend on **service hours**. These costs vary with the number of drivers employed, which is most closely related to service hours.

Administrative costs are assumed to be **a fixed percentage** of service operation costs. The percentage is calculated based on the actual costs data of FY 2012.

Drivers' salaries are calculated based on the actual numbers in FY 2012, and it is assumed that drivers' salary per service hour is constant in terms of real money value. Drivers' salary per service hour is then calculated for FY 2012, and is adjusted for inflation for the following years.

A mechanic's salary is assumed to be **125%** of a driver's salary, which is an estimate developed in a similar costs allocation project for the Williamsburg Area Transit Authority (WATA).

Fringe benefits for drivers and mechanics are assumed to be a fixed **7.65%** of their salaries. The rule is currently used for PAT drivers.

Inflation rate is assumed at **3%**.

Calculation

For the costs dependent on service hours and service miles, a two-year average unit cost is calculated. For most costs, the two-year average unit costs are based on the actual numbers of FY 2011 and FY 2012. For maintenance costs, however, a two-year average of FY 2012 actual costs and FY 2013 budgeted costs is used, because starting from FY 2012, the Town of Pulaski withdrew its subsidies for PAT's maintenance labor costs.

Operation Costs Projection

Inflation Rate	3%		Base Year										

Cost Drivers		FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Annual Service Hours													
	Total Transit Service-Hours	10,464	14,304	14,858	15,220	15,875	17,325	18,775	20,225	21,675	22,976	24,354	25,815
Annual Service Miles													
	Total Transit Service Miles	185,832	194,233	202,000	394,557	548,169	614,333	697,765	739,631	784,009	831,049	880,912	933,767
# of Employees													
	Mechanics (One every six buses)		0	0	0	0	0	4	4	4	4	4	4
Salaries													
	Driver	per Service Hour	$ 9.83	$ 10.13	$ 10.43	$ 10.74	$ 11.07	$ 11.40	$ 11.74	$ 12.09	$ 12.46	$ 12.83	$ 13.21
	Mechanics	Annual	$ 25,625	$ 26,394	$ 27,186	$ 28,001	$ 28,841	$ 29,706	$ 30,598	$ 31,516	$ 32,461	$ 33,435	$ 34,438
Fringe Benefits													
	Driver	% of Salary	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%
	Mechanics	% of Salary	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%

Operation Costs Estimates

Service O&M Costs		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Salaries & Wages												
	Driver	*$ 140,651*	*$ 150,482*	*$ 158,772*	*$ 170,573*	*$ 191,738*	*$ 214,019*	*$ 237,464*	*$ 262,123*	*$ 286,186*	*$ 312,458*	*$ 341,142*
	Mechanics	*$ -*	*$ -*	*$ -*	*$ -*	*$ -*	*$ 118,826*	*$ 122,390*	*$ 126,062*	*$ 129,844*	*$ 133,739*	*$ 137,751*
Fringe												
	Driver	*$ 10,760*	*$ 11,512*	*$ 12,146*	*$ 13,049*	*$ 14,668*	*$ 16,372*	*$ 18,166*	*$ 20,052*	*$ 21,893*	*$ 23,903*	*$ 26,097*
	Mechanics	*$ -*	*$ -*	*$ -*	*$ -*	*$ -*	*$ 9,090*	*$ 9,363*	*$ 9,644*	*$ 9,933*	*$ 10,231*	*$ 10,538*
Supplies												
	Maintenance Parts	*$ 17,829*	*$ 19,086*	*$ 28,632*	*$ 37,132*	*$ 42,512*	*$ 49,036*	*$ 53,795*	*$ 58,927*	*$ 64,337*	*$ 70,243*	*$ 76,691*
	Fuel	*$ 64,375*	*$ 68,913*	*$ 103,412*	*$ 134,125*	*$ 153,561*	*$ 177,130*	*$ 194,320*	*$ 212,859*	*$ 232,399*	*$ 253,733*	*$ 277,026*
Others												
	Insurance	*$ 14,686*	*$ 16,870*	*$ 17,281*	*$ 18,025*	*$ 19,671*	*$ 21,317*	*$ 22,964*	*$ 24,610*	*$ 26,087*	*$ 27,652*	*$ 29,311*
	Drug Testing	*$ 1,371*	*$ 1,467*	*$ 1,548*	*$ 1,663*	*$ 1,869*	*$ 2,087*	*$ 2,315*	*$ 2,556*	*$ 2,790*	*$ 3,046*	*$ 3,326*
	Uniforms	*$ 2,415*	*$ 2,584*	*$ 2,726*	*$ 2,929*	*$ 3,292*	*$ 3,675*	*$ 4,078*	*$ 4,501*	*$ 4,914*	*$ 5,365*	*$ 5,858*
Data Processing												
		26,515	*$ 27,310*	*$ 28,129*	*$ 28,973*	*$ 29,842*	*$ 30,738*	*$ 31,660*	*$ 32,610*	*$ 33,588*	*$ 34,595*	*$ 35,633*
Total Service O&M Costs		***$ 278,602***	***$ 298,224***	***$ 352,647***	***$ 406,469***	***$ 457,154***	***$ 642,290***	***$ 696,515***	***$ 753,944***	***$ 811,971***	***$ 874,967***	***$ 943,374***

Building O&M Costs	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Utilities	*$ 2,429*	*$ 2,502*	*$ 2,577*	*$ 2,654*	*$ 2,734*	*$ 10,919*	*$ 12,101*	*$ 12,464*	*$ 12,838*	*$ 13,223*	*$ 13,620*
Custodial	*$ 1,197*	*$ 1,232*	*$ 1,269*	*$ 1,308*	*$ 1,347*	*$ 6,607*	*$ 7,417*	*$ 7,639*	*$ 7,868*	*$ 8,104*	*$ 8,347*
Maintenance						*$ 7,955*	*$ 9,424*	*$ 9,707*	*$ 9,998*	*$ 10,298*	*$ 10,607*
Security						*$ 3,436*	*$ 4,071*	*$ 4,193*	*$ 4,319*	*$ 4,448*	*$ 4,582*
Environmental, Health and Safety						*$ 1,648*	*$ 1,952*	*$ 2,010*	*$ 2,071*	*$ 2,133*	*$ 2,197*
Rent (For PAT's current office location)	*$ 4,152*	*$ 4,277*	*$ 4,405*	*$ 4,537*	*$ 4,673*						
Others (For PAT's current office location)	*$ 5,863*	*$ 6,039*	*$ 6,220*	*$ 6,407*	*$ 6,599*						
Total Building O&M Costs	***$ 13,641***	***$ 14,050***	***$ 14,471***	***$ 14,905***	***$ 15,353***	***$ 30,565***	***$ 34,964***	***$ 36,013***	***$ 37,093***	***$ 38,206***	***$ 39,352***

Administrative Costs	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Total Administrative Costs	***$ 183,433***	***$ 196,351***	***$ 232,184***	***$ 267,620***	***$ 300,992***	***$ 422,886***	***$ 458,587***	***$ 496,399***	***$ 534,604***	***$ 576,081***	***$ 621,120***

Total Projected O&M Costs	$ 475,675	$ 508,625	$ 599,302	$ 688,995	$ 773,499	$ 1,095,740	$ 1,190,066	$ 1,286,356	$ 1,383,669	$ 1,489,254	$ 1,603,847
Operation Costs per Service Hour	$ 33.25	$ 34.23	$ 39.38	$ 43.40	$ 44.65	$ 58.36	$ 58.84	$ 59.35	$ 60.22	$ 61.15	$ 62.13
Operation Costs per Service Mile	$ 2.45	$ 2.52	$ 1.52	$ 1.26	$ 1.26	$ 1.57	$ 1.61	$ 1.64	$ 1.66	$ 1.69	$ 1.72

Unit Costs Calculation

Costs driven by service hours

		FY 2011		FY 2012		FY 2013 (Budgeted)		FY11-12 Average	FY12-13 Average
		Total Costs	Costs per Service Hour	Total Costs	Costs per Service Hour	Total Costs	Costs per Service Hour	Costs per Service Hour	Costs per Service Hour
	Ed & Training	$ 1,593	$ 0.15	$ 295	$ 0.02	$ 3,000	$ 0.20	$ 0.09	$ 0.11
Maintenance Parts	**Cleaning Supplies**	$ 1,535	$ 0.15	$ 1,306	$ 0.09		$ -	$ 0.12	$ 0.05
	First Aid	$ -	$ -	$ -	$ -	$ 300	$ 0.02	$ -	$ 0.01
	Tires & Tubes	$ 4,188	$ 0.40	$ 3,322	$ 0.23	$ 5,000	$ 0.34	$ 0.32	$ 0.28
	Parts	$ 41	$ 0.00	$ 302	$ 0.02	$ 1,000	$ 0.07	$ 0.01	$ 0.04
	Contract Repairs	$ 9,343	$ 0.89	$ 11,469	$ 0.80	$ 20,000	$ 1.35	$ 0.85	$ 1.07
	Motor Fuels	$ 53,841	$ 5.15	$ 60,063	$ 4.20	$ 55,800	$ 3.76	$ 4.67	$ 3.98
	Insurance	$ 8,892	$ 0.85	$ 14,686	$ 1.03	$ 18,485	$ 1.24	$ 0.94	$ 1.14
	Drug Testing	$ 1,182	$ 0.11	$ 1,047	$ 0.07	$ 1,500	$ 0.10	$ 0.09	$ 0.09
	Uniforms	$ 934	$ 0.09	$ 3,413	$ 0.24	$ 4,263	$ 0.29	$ 0.16	$ 0.26

	FY12-13 Average (Not Used)	FY11-12 Average
Maintenance Costs per Service Hour	1.46	1.30

Costs driven by service miles

		FY 2011		FY 2012		FY 2013 (Budgeted)		FY11-12 Average	FY12-13 Average
		Total Costs	Costs per Service Mile	Total Costs	Costs per Service Mile	Total Costs	Costs per Service Mile	Costs per Service Mile	Costs per Service Mile
	Ed & Training	$ 1,593	$ 0.01	$ 295	$ 0.00	$ 3,000	$ 0.01	$ 0.01	$ 0.01
Maintenance Parts	**Cleaning Supplies**	$ 1,535	$ 0.01	$ 1,306	$ 0.01		$ -	$ 0.01	$ 0.00
	First Aid	$ -	$ -	$ -	$ -	$ 300	$ 0.00	$ -	$ 0.00
	Tires & Tubes	$ 4,188	$ 0.02	$ 3,322	$ 0.02	$ 5,000	$ 0.02	$ 0.02	$ 0.02
	Parts	$ 41	$ 0.00	$ 302	$ 0.00	$ 1,000	$ 0.00	$ 0.00	$ 0.00
	Contract Repairs	$ 9,343	$ 0.05	$ 11,469	$ 0.06	$ 20,000	$ 0.10	$ 0.05	$ 0.08
	Motor Fuels	$ 53,841	$ 0.29	$ 60,063	$ 0.31	$ 55,800	$ 0.28	$ 0.30	$ 0.29
	Insurance	$ 8,892	$ 0.05	$ 14,686	$ 0.08	$ 18,485	$ 0.09	$ 0.06	$ 0.08
	Drug Testing	$ 1,182	$ 0.01	$ 1,047	$ 0.01	$ 1,500	$ 0.01	$ 0.01	$ 0.01
	Uniforms	$ 934	$ 0.01	$ 3,413	$ 0.02	$ 4,263	$ 0.02	$ 0.01	$ 0.02

	FY12-13 Average (Not Used)	FY11-12 Average
Maintenance Costs per Service Mile	0.11	0.08

Administration Costs Ratio

	FY 2012
	Total Costs
Salaries	$ 120,404
Fringe Benefits	$ 43,630
Office Supplies	$ 4,635
Travel	$ 2,258
Communication	$ 3,647
Printing	$ 579
Advertising	$ 6,470
Insurance	$ 1,515
Training	$ 295
Profess. Serv.	$ -
Total Admin Costs	$ 183,433
Total O&M Costs	$ 278,602
Admin Percent	**65.8%**

Building O&M Unit Costs

	per SF of Office Space	per SF of Maintenance
Utilities	$ 2.17	$ 1.09
Custodial	$ 1.33	$ 0.67
Maintenance	$ 1.69	$ 0.85
Security	$ 0.73	$ 0.37
Environ, H&S	$ 0.35	$ 0.18
Total Cost per SF	$ 6.27	$ 3.14

	Sq. Ft.
PAT's Office Space	2939
PAT's Maintenance Shops	4950
Total Building Space	7889

Appendix L. Cost Allocation Plan

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Cost Allocation Model for New Facility of Pulaski Area Transit (PAT) - FY _____

* Cells highlighted in pink need to be filled by users

New Facility O&M Costs			
Vehicle O&M Costs			
Salaries & Wages			
	Drivers	$	214,019
	Maintainers	$	148,533
Fringe			
	Drivers	$	16,372
	Maintainers	$	11,363
Supplies			
	Maintenance Parts	$	58,732
	Fuel	$	212,155
Others			
	PAT	$	57,817
	NRVSS	$	38,000
Total Projected Service O&M Costs		$	756,990
Building O&M Costs			
Utilities		$	17,900
Custodial		$	10,864
Maintenance		$	13,080
Security		$	5,650
Environment, Health & Safety		$	2,710
Total Projected Building O&M Costs		$	50,204
Administrative Costs			
Salaries & Fringe Benefits		$	620,000
Others			
	Shared	$	212,000
	PAT	$	58,894
	NRVSS	$	29,540
	NRVAoA	$	52,500
Total Projected Administrative O&M Costs		$	972,934
Total Projected O&M Costs		**$**	**1,780,128**

Cost Allocation Model for New Facility of Pulaski Area Transit (PAT) - FY _____

* Cells highlighted in pink need to be filled by users

Administration Staff Time Allocation & Salary and Fringe

Administration Staff	Annual Salary & Fringe	PAT		NVRSS		NVRAoA	
		Percent Time	Salary & Fringe	Percent Time	Salary & Fringe	Percent Time	Salary & Fringe
Director	$ 45,000	2%	$ 900	0%	$ -	98%	$ 44,100
Transit Manager	$ 40,000	95%	$ 38,000	5%	$ 2,000	0%	$ -
Fiscal Director	$ 40,000	30%	$ 12,000	0%	$ -	70%	$ 28,000
Administrative Assistant/SS	$ 22,500	30%	$ 6,750	70%	$ 15,750	0%	$ -
Scheduler	$ 22,500	12%	$ 2,700	88%	$ 19,800	0%	$ -
Nutrition Supervisor	$ 22,500	0%	$ -	0%	$ -	100%	$ 22,500
ADS Specialist Sr.	$ 22,500	0%	$ -	0%	$ -	100%	$ 22,500
ADS Coordinator	$ 22,500	0%	$ -	0%	$ -	100%	$ 22,500
Mobility Coordinator	$ 22,500	0%	$ -	0%	$ -	100%	$ 22,500
Care Coordinator	$ 22,500	0%	$ -	0%	$ -	100%	$ 22,500
ADS Specialist Sr.	$ 22,500	0%	$ -	0%	$ -	100%	$ 22,500
Sec/Admin Assistant	$ 22,500	20%	$ 4,500	0%	$ -	80%	$ 18,000
Sec/Data Entry Spec.	$ 22,500	0%	$ -	0%	$ -	100%	$ 22,500
Vicap Coordinator	$ 22,500	0%	$ -	0%	$ -	100%	$ 22,500
Ombudsman	$ 22,500	0%	$ -	0%	$ -	100%	$ 22,500
Dispatcher 1	$ 22,500	50%	$ 11,250	50%	$ 11,250	0%	$ -
Dispatcher 2	$ 22,500	100%	$ 22,500	0%	$ -	0%	$ -
Dispatcher 3	$ 22,500	90%	$ 20,250	10%	$ 2,250	0%	$ -
			$ -		$ -		$ -
Future Personnel			$ -		$ -		$ -
Dispatcher	$ 22,500	100%	$ 22,500	0%	$ -	0%	$ -
Road Supervisor	$ 22,500	100%	$ 22,500	0%	$ -	0%	$ -
Maintenance Supervisor	$ 22,500	100%	$ 22,500	0%	$ -	0%	$ -
Unassigned Admin Positions	$ 22,500	100%	$ 22,500	0%	$ -	0%	$ -
Unassigned Admin Positions	$ 22,500	100%	$ 22,500	0%	$ -	0%	$ -
Unassigned Admin Position	$ 22,500	0%	$ -	0%	$ -	100%	$ 22,500
Unassigned Op Position	$ 22,500	100%	$ 22,500	0%	$ -	0%	$ -
Total	$ 620,000	10.29	$ 253,850	2.23	$ 51,050	12.48	$ 315,100

Cost Allocation Model for New Facility of Pulaski Area Transit (PAT) - FY _____

* Cells highlighted in pink need to be filled by users

Cost Drivers				
	PAT		NRVSS	
Annual Service Hours				
	Demand Response	12750		
	Fixed-Route	6025		
Total Annual Service Hours		18775		5560
Annual Service Miles				
	Demand Response	*467124*		
	Fixed-Route	*230641*		
Total Annual Service Miles		*697765*		*79000*
Service Employees & Salaries				
Drivers				
Drivers' Salaries		$ *214,019*		
Drivers' Fringe		$ *16,372*		
Mechanics				
Maintainers' Salaries		$ *118,826*		$ *29,707*
Maintainers' Fringe		$ *9,090*		$ *2,273*

Note:
Service Hours are updated as of February 2013; service miles should be updated as data comes available.

Factors for Space Allocation	PAT	NRVSS	NRVAoA	Total
# of Office Staff	10.29	2.23	12.48	25
# of Mechanics	4	1	0	5
Total # of On-Site Staff	14.29	3.23	12.48	30
# of Service Vehicles	23	41		
# of Support Vehicles	2			
Total # of Transit Vehicles	25	41		
Maintenance Intensity	3	1		
Employee Parking	48.8	7.3	12.5	68.6
Visitors Parking (10% of Employee Parking)	4.9	0.7	1.2	6.9
Disability Parking (5% of Employee and Visitor Parking)	2.7	0.4	0.7	3.8
Total Personal Vehicle parking	56.4	8.5	14.4	79.2

Cost Allocation Model for New Facility of Pulaski Area Transit (PAT) - FY _____

* Cells highlighted in pink need to be filled by users

New Facility - Office Space Allocation	
PAT	
Office Space for Personnel	1847
Other Office Space Dedicated for PAT	529
PAT Office Space	2376
PAT Office Space + PAT's Share of Shared Office Space	3570
NRVSS	
Office Space for NRVSS	236
SS Office Space + SS's Share of Shared Office Space	495
NRVAoA	
Office Space for NRVAoA	1358
AoA Office Space + AoA's Share of Shared Office Space	2806
Shared Space	
Total Shared Space	2900
Shared Space per non-Driver Employee	116.00
Total Office Space in the New Facility	6870.8

Cost Allocation Model for New Facility of Pulaski Area Transit (PAT) - FY _____

* Cells highlighted in pink need to be filled by users

New Facility - Maintenance, Wash and Parking Space Allocation	
PAT	
Repair Bays	2063
Tire Shop	500
Shop/Storage Areas	1031
Manual Library	60
Total Maintenance Space Dedicated for PAT	3654
Transit Vehicle Parking Dedicated for PAT	20688
MWP Space Dedicated to PAT	24341.75
Shared M-W Space Allocated to PAT	1690.689793
Shared Personal Vehicle Parking Space Allocated to PAT	17300.67796
Total MWP Space Allocated to PAT	**43333.1**
NRVSS	
Repair Bays	563
Total Maintenance Space Dedicated for PAT	563
Transit Vehicle Parking for Dedicated NRVSS	16200
MWP Space Dedicated to NRVSS	16763
Shared M-W Space Allocated to NRVSS	2773
Shared Personal Vehicle Parking Space Allocated to NRVSS	2599
Total MWP Space Allocated to NRVSS	22134
NRVAoA	
Shared personal Vehicle Parking Space Allocated to NRVAo	4425.3
Total MWP Space Allocated to NRVSS	**4425.3**
Shared	
Shop/Storage Areas	1345
Support Areas	750
Total Shared Maintenance Space	2095
Shared Employees Vehicle Parking	20412
Shared Visitors Vehicle Parking	2041
Shared Disability Vehicle Parking	1872
Total Shared Personal Vehicle Parking	24325
Shared Wash Space	2368
Total Shared Space	28789
Total MWP Space	**69892.9**

Cost Allocation Model for New Facility of Pulaski Area Transit (PAT) - FY _____

* Cells highlighted in pink need to be filled by users

New Facility - Exterior Area Space Allocation	
PAT	
Patio/Outdoor Break Area	238.2
Scrap Metal Dumpsters	97.0
Refuse Dumpsters	87.3
Emergency Generator	116.4
Exterior Area Space Allocated to PAT	538.8
NRVSS	
Patio/Outdoor Break Area	53.8
Scrap Metal Dumpsters	53.0
Refuse Dumpsters	47.7
Emergency Generator	63.6
Exterior Area Space Allocated to NRVSS	218.2
NRVAoA	
Patio/Outdoor Break Area	208.0
Refuse Dumpsters (10%)	15.0
Emergency Generator	20.0
Exterior Area Space Allocated to NRVAoA	243.0
Shared Space	
Patio/Outdoor Break Area	500
Scrap Metal Dumpsters	150
Refuse Dumpsters	150
Emergency Generator	200
Total Exterior Area Space in the New Facility	1000.0

Cost Allocation Model for New Facility of Pulaski Area Transit (PAT) - FY _____

* Cells highlighted in pink need to be filled by users

New Facility Total Space Allocation				
Total Office Space	6871		Total Office Space	6871
Total MWP Space	69893		Total Maintenance Space	6311
Total Exterior Area Space	1000			
			Total Building Space	13182
Grand Total Space	77764		Total Outdoor space	64582
PAT's Share of Grand Total Space	47442		**PAT's Share of Total Building Space**	8017
NRVSS's Share of Grand Total Space	22848		**NRVSS's Share of Total Building Space**	2359
NRVAoA's Share of Grand Total Space	7474		**NRVAoA's Share of Total Building Space**	1358
PAT's Percentage Share of Total Space	**61.0%**		**PAT's Percentage Share of Total Building Space**	**60.8%**
NRVSS's Percentage Share of Total Space	**29.4%**		**NRVSS's Percentage Share of Total Building Space**	**17.9%**
NRVAoA's Percentage Share of Total Space	**9.6%**		**NRVAoA's Percentage Share of Total Building Space**	**10.3%**

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Operating Costs by Agency

PAT			
Vehicle O&M Costs			
Salaries & Wages			
	Drivers	$	214,019
	Mechanics	$	118,826
Fringe			
	Drivers	$	16,372
	Mechanics	$	9,090
Supplies			
	Maintenance	$	49,036
	Fuel	$	177,130
Others		$	57,817
Total Projected Service O&M Costs		$	642,290
Administrative Costs			
Salaries & Fringe Benefits		$	253,850
Others		$	169,036
Total Projected Administrative O&M Costs		$	422,886
Building O&M Costs			
Utilities		$	10,920
Custodial		$	6,607
Maintenance		$	7,955
Security		$	3,436
Environment, Health & Safety		$	1,648
Total Projected Building O&M Costs		$	30,567
Total Projected O&M Costs		**$**	**1,095,742**

NRVSS			
Vehicle O&M Costs			
Salaries & Wages			
	Mechanics	$	29,707
Fringe			
	Mechanics	$	2,273
Supplies			
	Maintenance	$	9,696
	Fuel	$	35,025
Others		$	38,000
Total Projected Service O&M Costs		$	114,700
Administrative O&M Costs			
Salaries & Fringe Benefits		$	51,050
Others		$	44,814
Total Projected Administrative O&M Costs		$	95,864
Administrative O&M Costs			
Utilities		$	5,259
Custodial		$	1,944
Maintenance		$	2,341
Security		$	1,011
Environment, Health & Safety		$	485
Total Projected Building O&M Costs		$	11,040
Total Projected O&M Costs		**$**	**221,604**

NRVAoA		
Administrative O&M Costs		
Salaries & Fringe Benefits	$	315,100
Others	$	139,084.48
Total Projected Administrative O&M Costs	$	454,184
Building O&M Costs		
Utilities	$	1,721
Custodial	$	1,120
Maintenance	$	1,257
Security	$	543
Environment, Health & Safety	$	260
Total Projected Building O&M Costs	$	4,901
Total Projected O&M Costs	**$**	**459,085**

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Capital Costs Allocation for New PAT Transit Facility		
Total Capital Costs	$	13,045,000
PAT's % Share of Total Facility Space		61.0%
NRVSS's % Share of Total Facility Space		29.4%
NRVAoA's % Share of Total Facility Space		9.6%
PAT's Share of CC	$	7,958,409
NRVSS's Share of CC	$	3,832,731
NRVAoA's Share of CC	$	1,253,859