



Department of Conservation & Recreation

CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

**PROJECT INFORMATION**

**TITLE:** PointOne Richmond Campus

**DESCRIPTION:** The purpose of the project is to construct six data center buildings of varying sizes, totaling approximately 2.1 million square feet of building space. The project includes the necessary accessories for natural gas power generation facilities, electrical distribution substations, and emergency power backup systems to support the primary data centers use. Access roads and stormwater infrastructure are planned throughout the facilities.

**EXISTING SITE CONDITIONS:** Eastern Forest

**Instream Activity:** Yes - Instream Impact Required

**QUADRANGLES:** Roxbury

**Major Ground Disturbing Activities:** Road and development construction including stormwater management pond

**COUNTIES:** Charles City

**Minor Ground Disturbing Activities:** Hand Digging

**Latitude/Longitude (DMS):** 37° 26' 47.1216" N / 77° 9' 26.1399" W

**Acreage:** 263 acres

**Comments:**

**REQUESTOR INFORMATION**

**Priority:** N

**Tier Level:** Tier II

**Tax ID:**

**Contact Name:** Shawn Crist

**Company Name:** Virginia Department of Environmental Quality

**Address:** 3019 Peters Creek rd

**City:** Roanoke

**State:** VA

**Zip:** 24019

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**Fax:**

**Email:** shawn.crist@deq.virginia.gov

Conservation Site	Site Type	Brank	Acreage	Listed Species Presence	Essential Conservation Site?	Land Conservation Priorities
<b>Natural Heritage Screening Features Intersecting Project Boundary</b>						

Site Name	Group Name	Common Name	Scientific Name	GRANK	SRANK	Fed Status	Species of Concern	State Status	EO Rank	Last Obs Date	Essential EO?
<b>Natural Heritage Resources Intersecting Project Boundary</b>											

Intersecting Predictive Models	
New Jersey Rush	
Predictive Model Results	

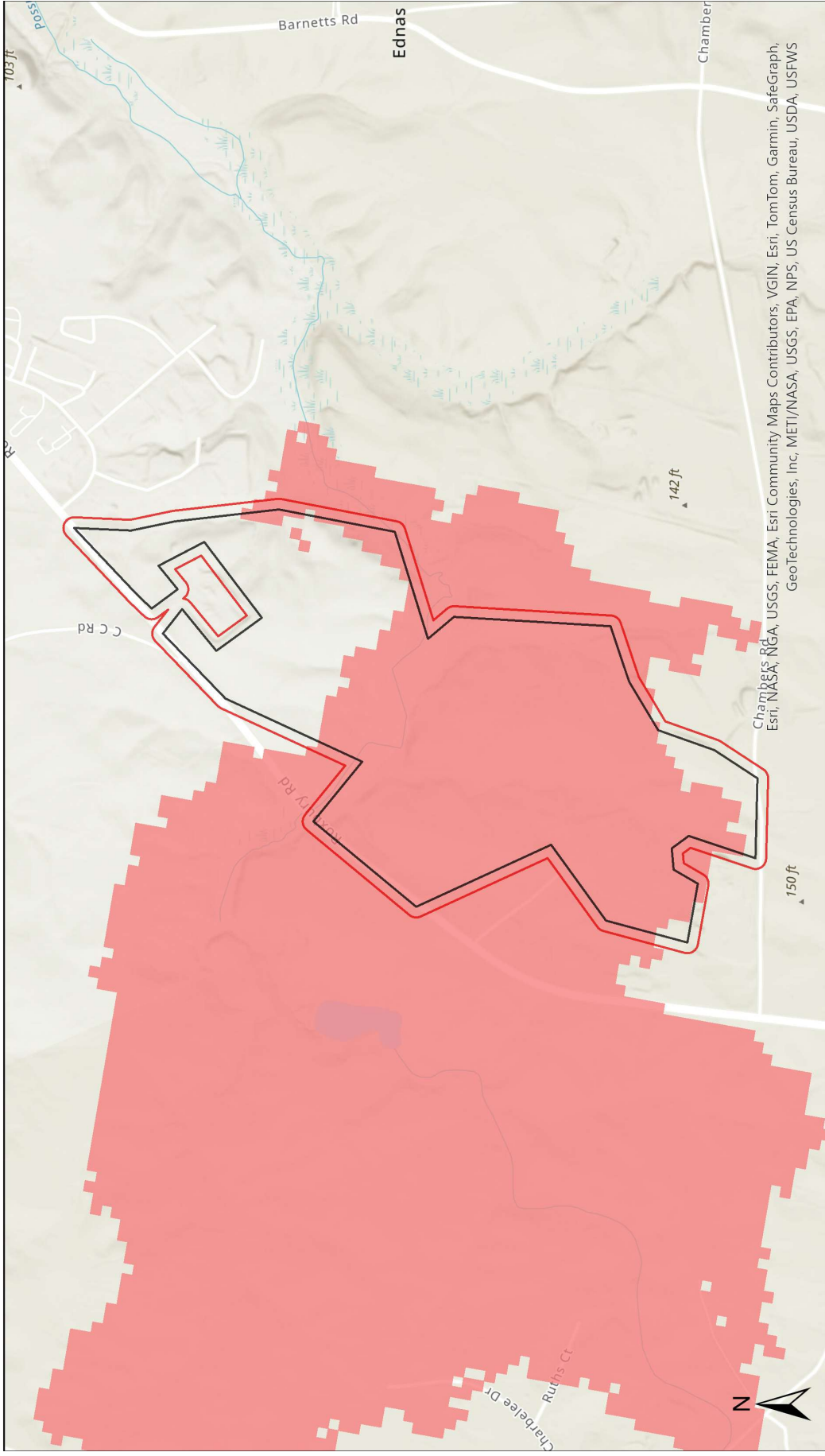
**ECOLOGICAL CORES** In addition, the proposed project will impact an Ecological Core(s) C3,C4 as identified in the Virginia Natural Landscape Assessment (<https://www.dcr.virginia.gov/natural-heritage/vaconvisvnl>). Mapped cores in the project area can be viewed via the Virginia Natural Heritage Data Explorer, available here: <https://vanhde.org/content/map>.

Ecological Cores are areas of at least 100 acres of continuous interior, natural cover that provide habitat for a wide range of species, from interior-dependent forest species to habitat generalists, as well as species that utilize marsh, dune, and beach habitats. Interior core areas begin 100 meters inside core edges and continue to the deepest parts of cores. Cores also provide the natural, economic, and quality of life benefits of open space, recreation, thermal moderation, water quality (including drinking water recharge and protection, and erosion prevention), and air quality (including sequestration of carbon, absorption of gaseous pollutants, and production of oxygen). Cores are ranked from C1 to C5 (C5 being the least significant) using nine prioritization criteria, including the habitats of natural heritage resources they contain.

Impacts to cores occur when their natural cover is partially or completely converted permanently to developed land uses. Habitat conversion to development causes reductions in ecosystem processes, native biodiversity, and habitat quality due to habitat loss; less viable plant and animal populations; increased predation; and increased introduction and establishment of invasive species.

DCR recommends avoidance of impacts to cores. When avoidance cannot be achieved, DCR recommends minimizing the area of impacts overall and concentrating the impacted area at the edges of cores, so that the most interior remains intact.

# PointOne Richmond Campus



- Predictive Models
- Buffered Project Boundary
- Project Boundary

Quads: Roxbury

Counties: Charles City

Company: Virginia Department of Environmental

Lat/Long: 372647 / -770926



**COMMONWEALTH of VIRGINIA**  
DEPARTMENT OF CONSERVATION AND RECREATION

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

According to the information currently in Biotics files, NATURAL HERITAGE RESOURCES HAVE BEEN DOCUMENTED within the submitted project boundary including a 100 foot buffer and/or PREDICTED HABITAT MODELS FOR NATURAL HERITAGE RESOURCES intersect the project area.

You have submitted this project to DCR for a more detailed review for potential impacts to natural heritage resources. DCR will review the submitted project to identify the specific natural heritage resources within the proposed project area including a 100 foot buffer. Using the expertise of our biologists, DCR will evaluate whether your specific project is likely to impact these resources. DCR's response will indicate whether any negative impacts are likely and, if so, make recommendations to avoid, minimize and/or mitigate these impacts. If the potential negative impacts are to species that are state- or federally-listed as threatened or endangered, DCR will also recommend coordination with the appropriate regulatory agencies: the Virginia Department of Wildlife Resources for state-listed animals, the Virginia Department of Agriculture and Consumer Services for state-listed plants and insects, and the United States Fish and Wildlife Service for federally listed plants and animals. If your project is expected to have positive impacts we will report those to you with recommendations for enhancing these benefits.

**There will be a charge for this service for "for profit companies": \$60, plus an additional charge of \$35 for 1-5 occurrences and \$60 for 6 or more occurrences.**

Please allow up to 30 calendar days for a response, unless you requested a priority response of 5 business days at an additional surcharge of \$500 or 15 calendar days at an additional surcharge of \$300. An invoice will be provided with your response.

We will review the project based on the information you included in the Project Info submittal form, which is included in this report. Also any additional information including photographs, survey documents, etc. attached during the project submittal process and/or sent via email referencing the project title (from the first page of this report).

Thank you for submitting your project for review to the Virginia Natural Heritage Program through the NH Data Explorer. Should you have any questions or concerns about DCR, the Data Explorer, or this report, please contact the Natural Heritage Project Review Unit at 804-371-2708.