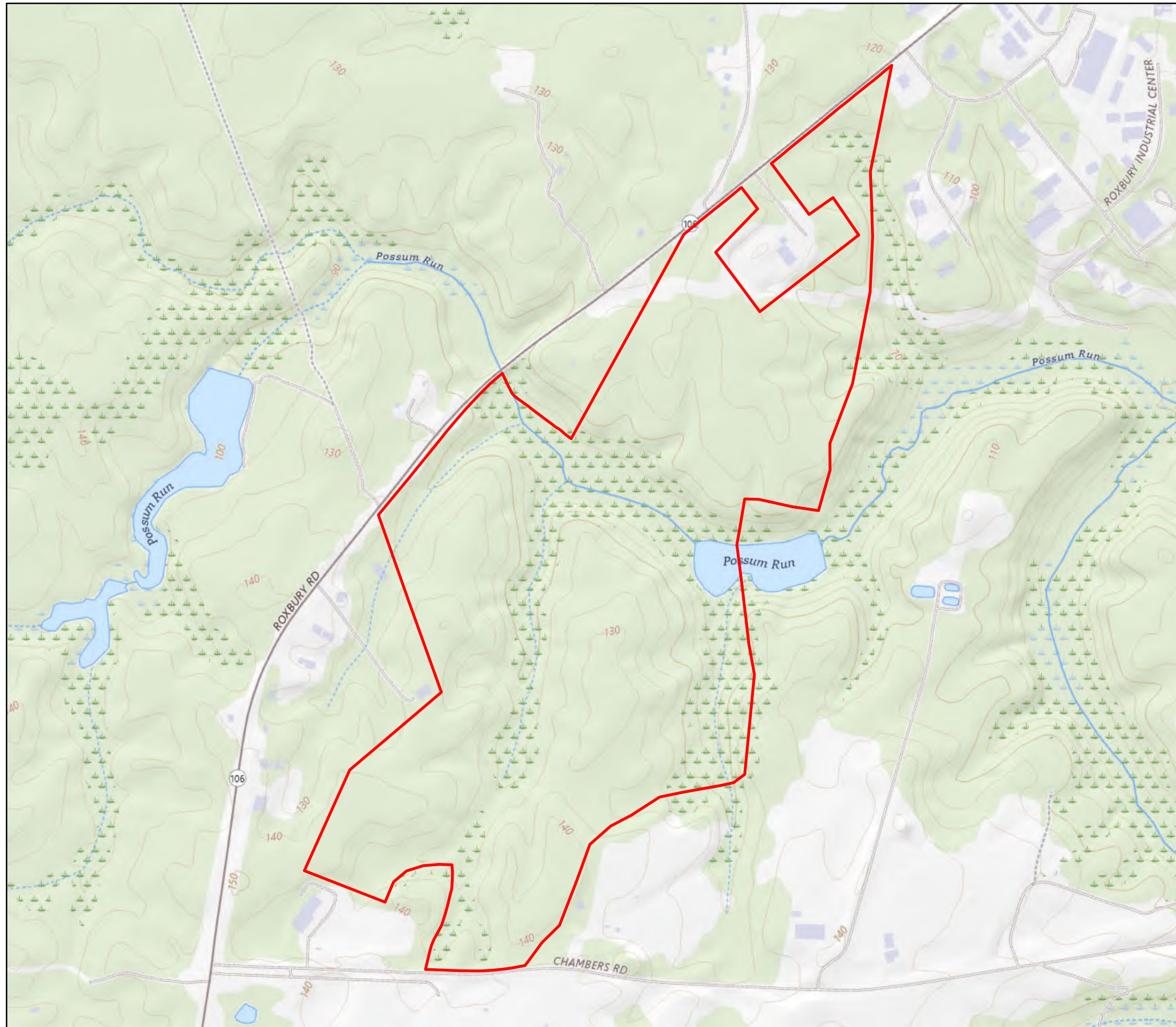




	<p>DEQ-VWP General Permits Threatened & Endangered Species Consultation</p>
<p>To: DWR, Environmental Review Coordinator From: Shawn Crist, shawn.crist@deq.virginia.gov , 434-316-4031</p> <p>Date Sent: 10/7/25 Date Needed: 10/22/25 JPA Number: 25-2174</p>	<p><u>Project Name & Location Information:</u> Project Name: PointOne Richmond Campus County/City: Charles City County USGS Quadrangle: Roxbury, VA Latitude/Long: 37.448158, -77.156805 Waterway: Tributaries to Possum Run</p>
<p><u>Applicant Contact Information:</u> Point One Richmond, LLC Attn: Kris Keeney 13221 Woodland Park Road Herndon, VA 20171 780-292-3157 kris@pointonecorp.com</p>	<p><u>Authorized Agent Contact Information:</u> ECS Mid-Atlantic, LLC Attn: Jessica Consolvo 2119 N Hamilton St STE D Richmond, VA 23220 571-531-0313 jconsolvo@ecslimited.com</p>
<p><u>General Project Location and Description:</u> The project limits of disturbance are comprised of approximately 250.72 acres generally east of Roxbury Road (VA Route 106), north of west of Chambers Road, and south of Roxbury Industrial Park in Charles City County, Virginia (Charles City County Parcels 4-13, 7-12-C, 7-133, and 7-92). The project is a data center complex.</p>	<p><u>Habitat Types Being Impacted:</u> Permanent impacts to 0.95-acres of wetlands (0.02-acres of PEM wetland, 0.75-acre of PFO wetland, 0.01-acres of POW wetland, 0.17-acres of PSS wetland) and 669-linear feet of stream (73-linear feet of R6 stream and 596-linear feet of R4 stream)</p>
<p><u>VWP Permit Writer’s Comments:</u> Permanent impacts to 0.95-acres of wetlands (0.02-acres of PEM wetland, 0.75-acre of PFO wetland, 0.01-acres of POW wetland, 0.17-acres of PSS wetland) and 669-linear feet of stream (73-linear feet of R6 stream and 596-linear feet of R4 stream) proposed in this application.</p>	<p><u>General Habitat Types Present On-Site:</u> Streams and wetlands are the only habitat impacts covered by the VWP Permit. General Habitat present across the large site, besides the jurisdictional areas, are primarily forests.</p>
<p><u>Species Search Results:</u></p> <p><u>VaFWIS Database Hit</u> - Rafinesque’s Eastern Big Eared Bat - Survey Completed. Not within Project Area</p> <p><u>Anadromous Fish Use Stream</u> - Chickahominy River - Not within project area</p> <p><u>Colonial Water Bird</u> – Several Hits but none within the project area</p> <p><u>Bald Eagle Nests</u> – Several Hits but none within the project area</p>	<p><u>Proposed Compensation:</u> Compensation is planned through the purchase of 1.79 wetland credits and 725 stream credits from a USACE/DEQ approved mitigation bank prior to the commencement of construction to offset the loss of wetlands and streams.</p>



LEGEND

Project Study Area



0 2,000
Feet

USGS TOPOGRAPHIC MAP
 SOILS DATA: USDA NRCS WEB SOIL SURVEY
 WETLANDS DATA: NATIONAL WETLANDS INVENTORY
 FLOODPLAIN DATA: FEMA NATIONAL FLOOD HAZARD LAYER
 LIDAR DATA: USGS 3D ELEVATION PROGRAM
 SERVICE LAYER CREDITS: USGS TOPO: USGS THE NATIONAL MAP; NATIONAL BOUNDARIES DATASET; 3DEP ELEVATION PROGRAM; GEOGRAPHIC NAMES INFORMATION SYSTEM; NATIONAL HYDROGRAPHY DATASET; NATIONAL LAND COVER DATABASE; NATIONAL STRUCTURES DATASET; AND NATIONAL TRANSPORTATION DATASET; USGS GLOBAL ECOSYSTEMS; U.S. CENSUS BUREAU TIGERLINE DATA; USFS ROAD DATA; NATURAL EARTH DATA; U.S. DEPARTMENT OF STATE HHU; NOAA NATIONAL CENTERS FOR ENVIRONMENTAL INFORMATION. DATA REFRESHED FEBRUARY, 2025.

ECS MID-ATLANTIC, LLC
 2119-D N. HAMILTON STREET
 RICHMOND, VIRGINIA 23230
 (804) 353-6333
 WWW.ECSLIMITED.COM
 "ONE FIRM. ONE MISSION."



POINTONE DATA CENTER CAMPUS
ROXBURY ROAD
CHARLES CITY, CHARLES CITY
COUNTY, VIRGINIA

FIGURE 2
USGS TOPOGRAPHY MAP
BOWMAN

ECS REVISIONS

ENGINEER	DRAFTING
JMH	RKO

PROJECT NO.
47:20864

SHEET
1 OF 1

DATE
MARCH 20, 2025

Known or likely to occur within a **3 mile radius around point 37.4481580 -77.1568046**
 in **036 Charles City County, 087 Henrico County, 127 New Kent County, VA**

[View Map of Site Location](#)

571 Known or Likely Species ordered by Status Concern for Conservation
 (displaying first 30) (30 species with Status* or Tier I** or Tier II**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
050022	FESE	Ia	Bat, Northern Long-eared	Myotis septentrionalis		BOVA
060003	FESE	Ia	Dwarf Wedgemussel	Prolasmidonta heterodon		BOVA
060017	FESE	Ia	Spinymussel, James	Parvaspina collina		BOVA
010032	FESE	Ib	Sturgeon, Atlantic	Acipenser oxyrinchus		BOVA
040110	FTSE	Ia	Rail, eastern black	Laterallus jamaicensis jamaicensis		BOVA
060173	FTST	Ia	Pigtoe, Atlantic	Fusconaia masoni		BOVA
050020	SE	Ia	Bat, little brown	Myotis lucifugus		BOVA
050034	SE	Ia	Bat, Rafinesque's eastern big-eared	Corynorhinus rafinesquii macrotis	Yes	BOVA,SppObs
050027	FPSE	Ia	Bat, Tricolored	Perimyotis subflavus		BOVA
040096	ST	Ia	Falcon, peregrine	Falco peregrinus		BOVA
040293	ST	Ia	Shrike, loggerhead	Lanius ludovicianus		BOVA
040379	ST	Ia	Sparrow, Henslow's	Centronyx henslowii		BOVA
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA
100079	FP	IIIa	Butterfly, Monarch	Danaus plexippus		BOVA
030067	CC	IIa	Terrapin, Northern Diamondback	Malaclemys terrapin terrapin		BOVA
030063	CC	IIIa	Turtle, spotted	Clemmys guttata	Yes	BOVA,SppObs
030031	CC	IIIc	Kingsnake, scarlet	Lampropeltis elapsoides		BOVA
010077		Ia	Shiner, bridle	Notropis bifrenatus		BOVA
040092		Ia	Eagle, golden	Aquila chrysaetos		BOVA
060084		Ib	Pigtoe, Virginia	Lexingtonia subplana		BOVA
040213		Ic	Owl, northern saw-whet	Aegolius acadicus		BOVA
040052		IIa	Duck, American black	Anas rubripes		BOVA
040029		IIa	Heron, little blue	Egretta caerulea caerulea		BOVA
040036		IIa	Night-heron, yellow-crowned	Nyctanassa violacea violacea		BOVA
040320		IIa	Warbler, cerulean	Setophaga cerulea		BOVA
040140		IIa	Woodcock, American	Scolopax minor		BOVA
040203		I Ib	Cuckoo, black-billed	Coccyzus erythrophthalmus		BOVA
040105		I Ib	Rail, king	Rallus elegans		BOVA
080336		I Ic	Beetle, Gammon's stenelmis riffle	Stenelmis gammoni		BOVA
100003		I Ic	Skipper, rare	Problema bulenta		BOVA

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

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

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

[View Map of All Query Results from All Observation Tables](#)

Bat Colonies or Hibernacula: Not Known

Anadromous Fish Use Streams (1 records)

[View Map of All Anadromous Fish Use Streams](#)

Stream ID	Stream Name	Reach Status	Anadromous Fish Species			View Map
			Different Species	Highest TE *	Highest Tier **	
C120	Chickahominy River	Confirmed	1		IV	Yes

Impediments to Fish Passage

N/A

Colonial Water Bird Survey (5 records)

[View Map of All Query Results Colonial Water Bird Survey.](#)

Colony_Name	N Obs	Latest Date	N Species			View Map
			Different Species	Highest TE *	Highest Tier **	
Western Shore, Roxbury, Charles City	1	May 5 2013	2			Yes
White Oak Swamp	1	Jun 2 2003	1			Yes
Chickahominy River at Lon	1	Jun 1 1993	1			Yes
CHICKAHOMINY II	3	Jun 1 1991	1			Yes
LONG BRIDGE	1	Jun 1 1988	1			Yes

Displayed 5 Colonial Water Bird Survey

Threatened and Endangered Waters

N/A

Managed Trout Streams

N/A

Bald Eagle Concentration Areas and Roosts

N/A

Bald Eagle Nests (2 records)

[View Map of All Query Results
Bald Eagle Nests](#)

Nest	N Obs	Latest Date	DGIF Nest Status	View Map
CC0607	7	Apr 23 2008	Unknown	Yes
HE9501	16	Apr 23 2008	Unknown	Yes

Displayed 2 Bald Eagle Nests

Habitat Predicted for Aquatic WAP Tier I & II Species

N/A

Habitat Predicted for Terrestrial WAP Tier I & II Species

N/A

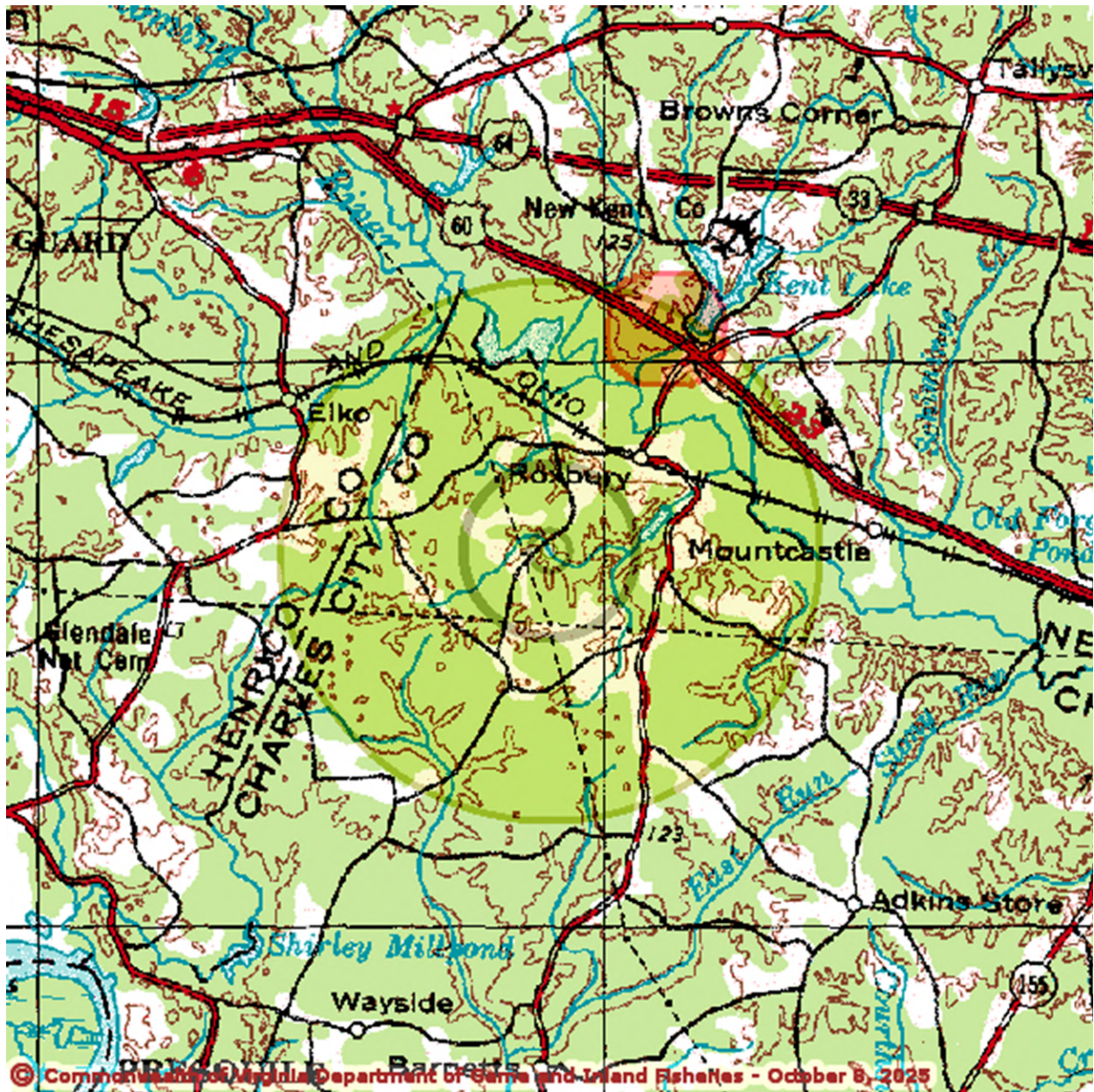
Public Holdings:

N/A

Compiled on 10/8/2025, 8:38:52 AM I4138355.0 report=IPA searchType=R dist= 4827 poi= 37.4481580 -77.1568046

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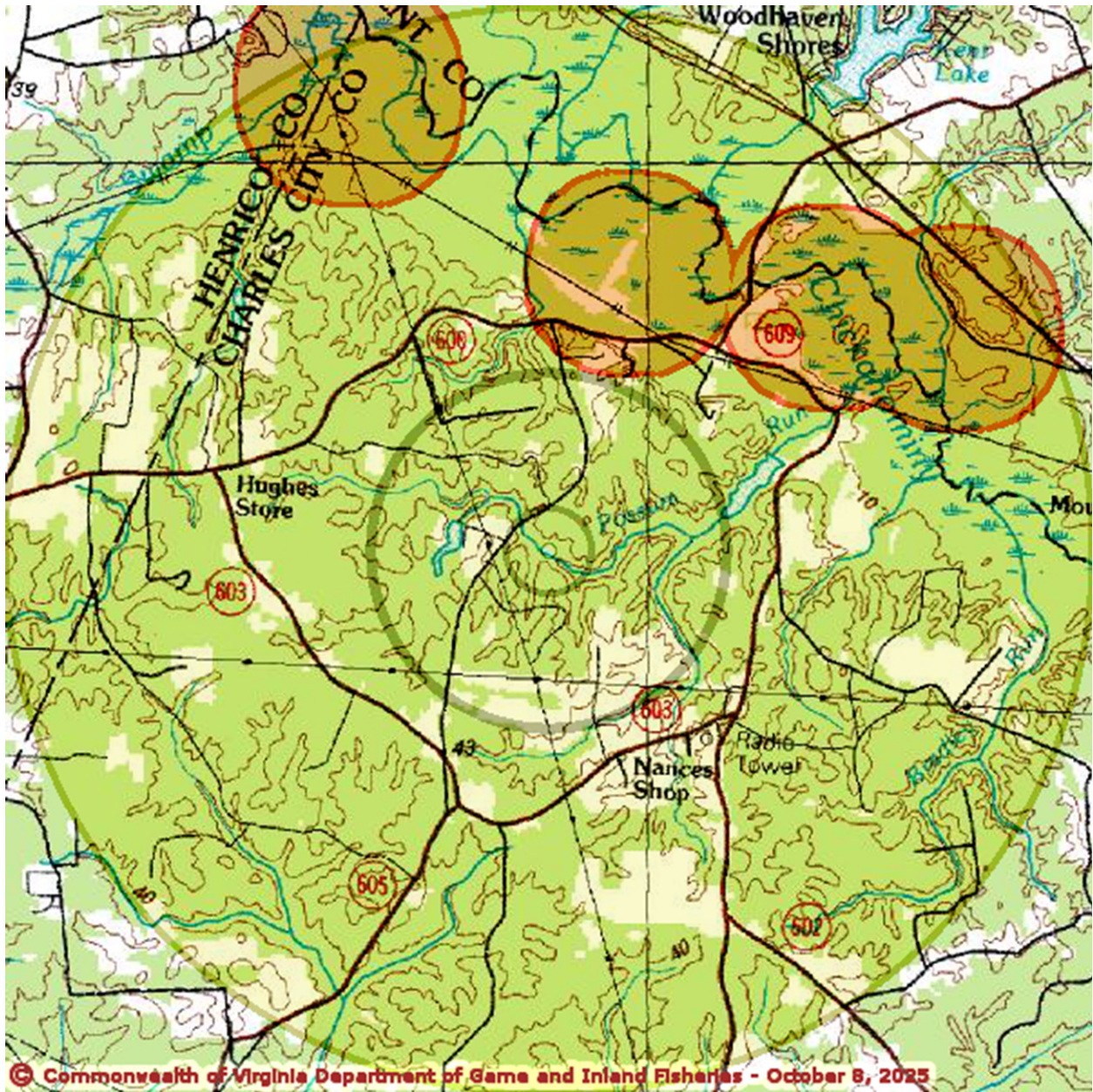
VAFWIS Rafinesque's Eastern Big Eared Bat Map of Hits:



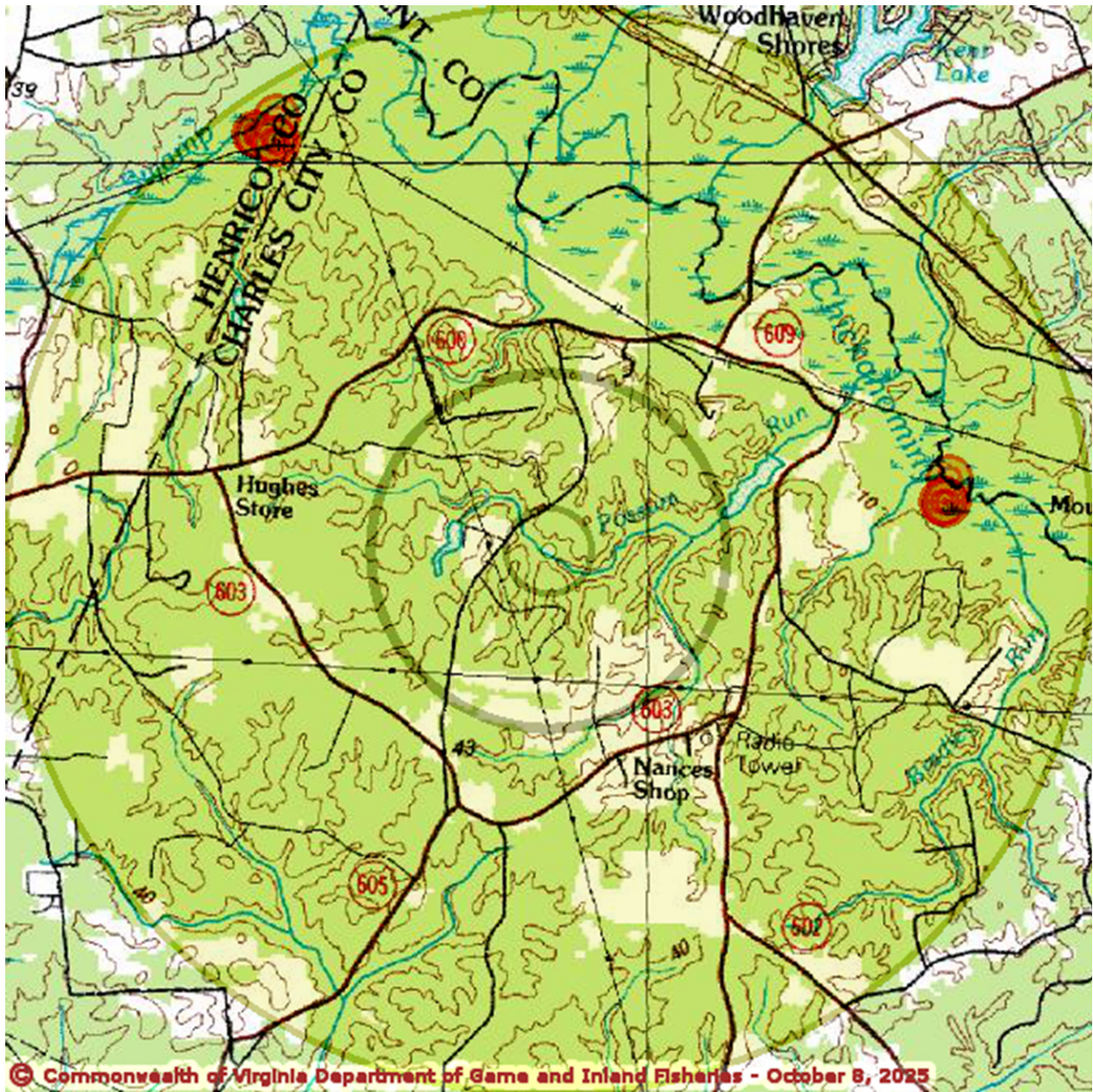
VAFWIS Anadromous Fish Use Streams Map of Hits:



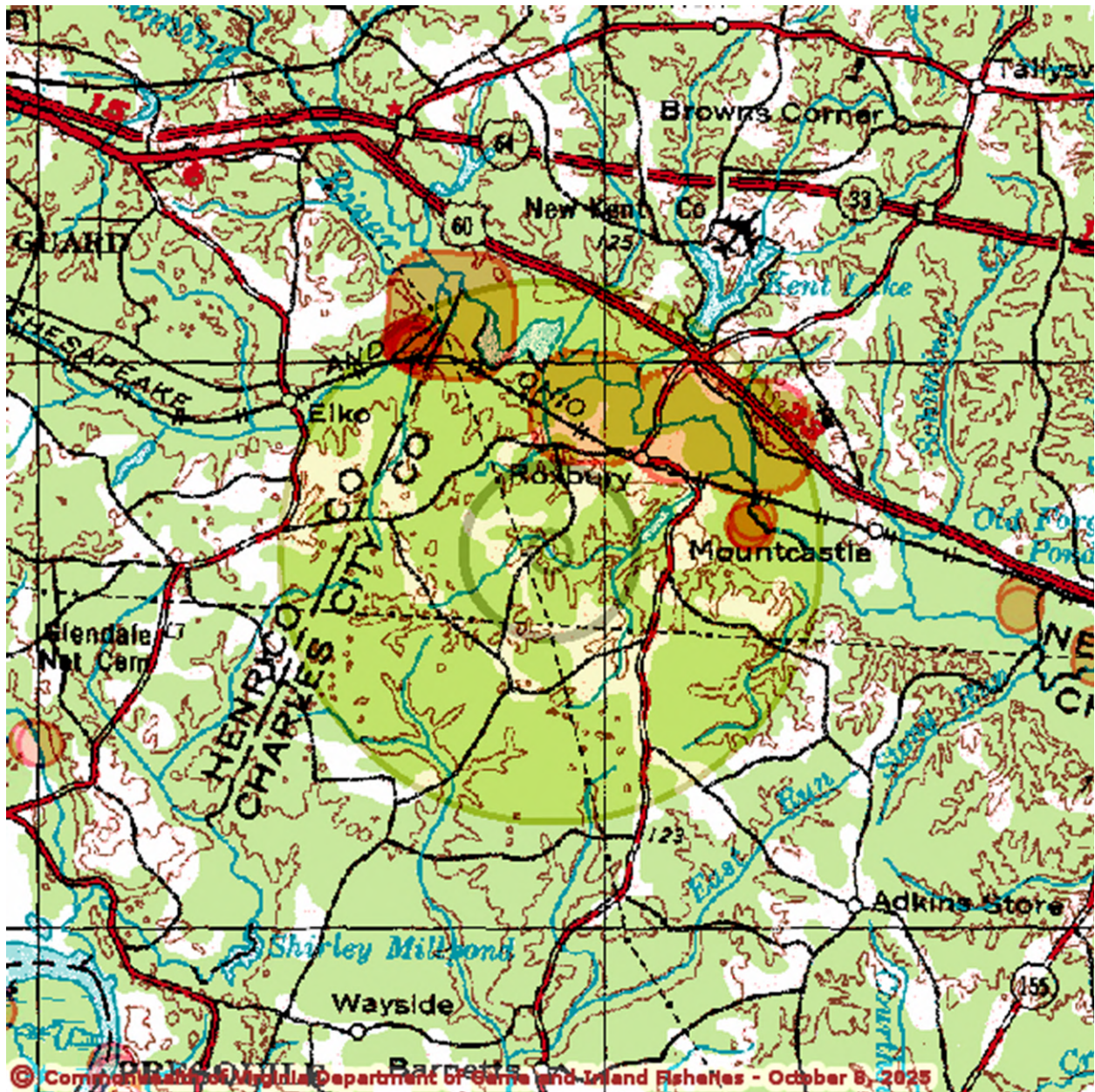
VAFWIS Colonial Water Bird Survey Map of Hits:



VAFWIS Bald Eagle Map of Hits:



VAFWIS Map of All Hits requiring DEQ Coordination:



FINAL REPORT

Summer 2025 Presence/Probable Absence Survey
for PointOne Richmond Campus
Charles City County, Virginia

Prepared by:



for

ECS Mid-Atlantic, LLC

August 15, 2025

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INTRODUCTION

Grow Environmental Solutions, LLC (GES) was contracted by ECS Mid-Atlantic, LLC (ECS) to provide a bat presence/probable absence survey for an approximately 117-acre project site (PointOne) located northeast of the intersection of Roxbury Rd. and Chambers Rd. in Charles City County, Virginia (**Figure 1**). The goal of the survey was to document presence or absence of the federally listed northern long-eared bat (*Myotis septentrionalis*), as well as the federally proposed tri-colored bat (*Perimyotis subflavus*) within the project site. A bat study plan was provided to U.S. Fish and Wildlife Service (USFWS) Virginia Field Office on 1 August 2025 and was approved on 1 August 2025. To determine the presence or probable absence of northern long-eared and tri-colored bats within the project site, GES surveyed 2 sites (5 nets/site). Site 1 was surveyed for 1 calendar night and Site 2 was surveyed for 1 calendar night for a total of 10 net nights within the project area. No northern long-eared or tri-colored bats were captured during the mist-net surveys. No other federal- or state-listed bat species were captured during the mist-net survey.

METHODS

Two sites (Site 1 and Site 2) were selected and surveyed (5 nets/site) for 1 calendar night each (total of 2 calendar nights) within the project area (**Table 1; Figure 2**). The site was selected based upon habitat suitable for northern long-eared bats, as well as tri-colored bats. The site selected provided a variety of habitats including openings within interior forests, 4WD trails, appropriate flyways, and proximity to water resources. Forested habitat within the project area is dominated by white oak (*Quercus alba*), loblolly pine (*Pinus taeda*), red maple (*Acer rubrum*), southern red oak (*Quercus falcata*), sweetgum (*Liquidambar styraciflua*), swamp chestnut oak (*Quercus michauxii*), and pignut hickory (*Carya glabra*). Understory species was primarily muscadine (*Vitis rotundifolia*). The project area is suburban in nature and is surrounded by commercial to the north and south, with some residences to the west, and forest to the east. Streams and wetlands were identified within the project site. A water resources survey was provided by ECS and is included in **Figure 2**.

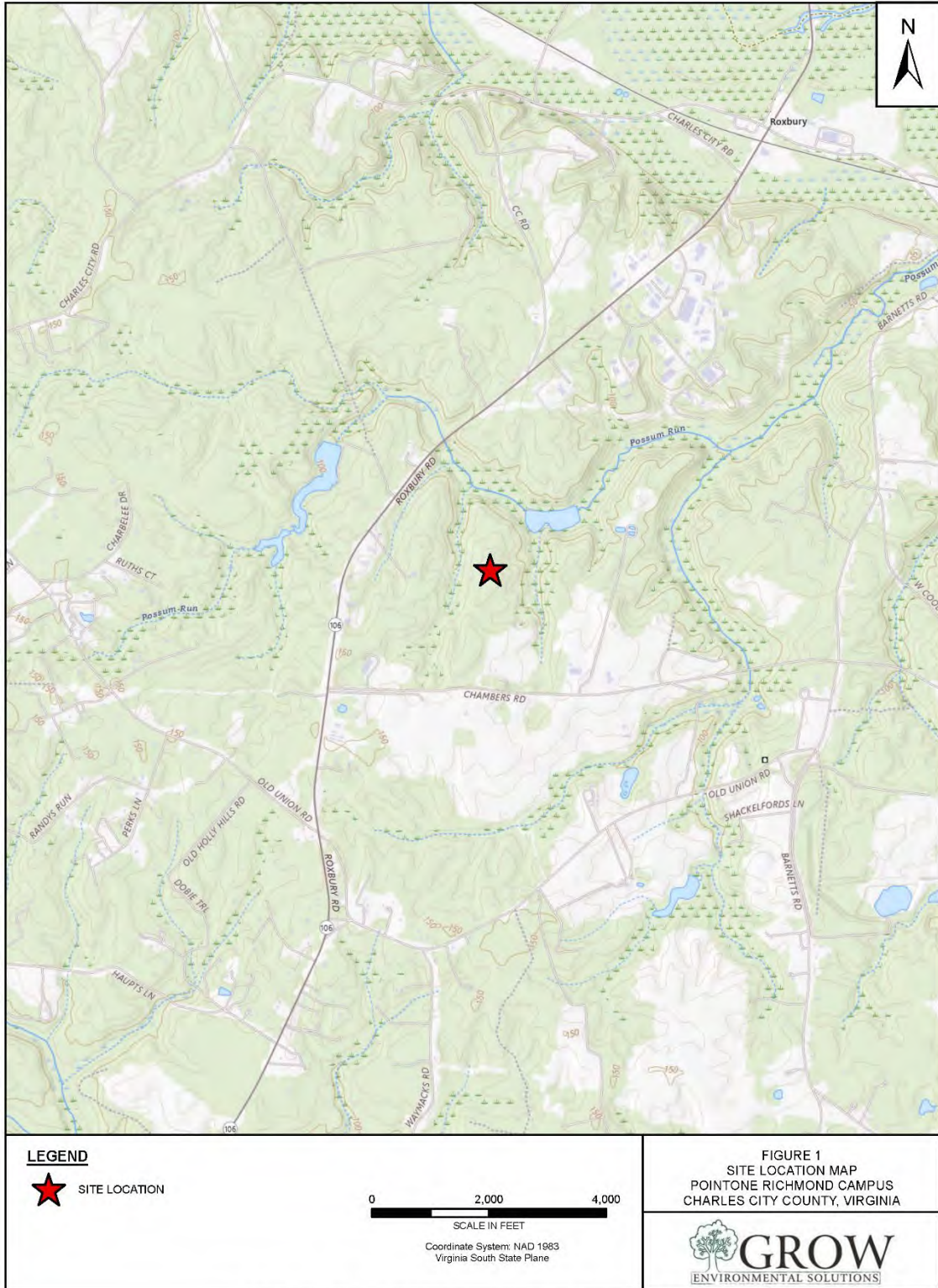
Because the project is non-linear in nature, the level of effort was based on the total acreage of the project (<123 ac). The mist-net site locations were selected after GES biologist, Christopher Grow, conducted an initial site visit. Mist-net surveys were implemented in accordance with guidelines outlined in the USFWS 2024 *Range-wide Indiana Bat and Northern Long-eared Bat Summer Survey Guidelines*.

**SUMMER 2025 PRESENCE/PROBABLE ABSENCE SURVEY
POINTONE RICHMOND CAMPUS
CHARLES CITY COUNTY, VIRGINIA**

Table 1. Mist-net site locations for PointOne, Charles City County, VA.

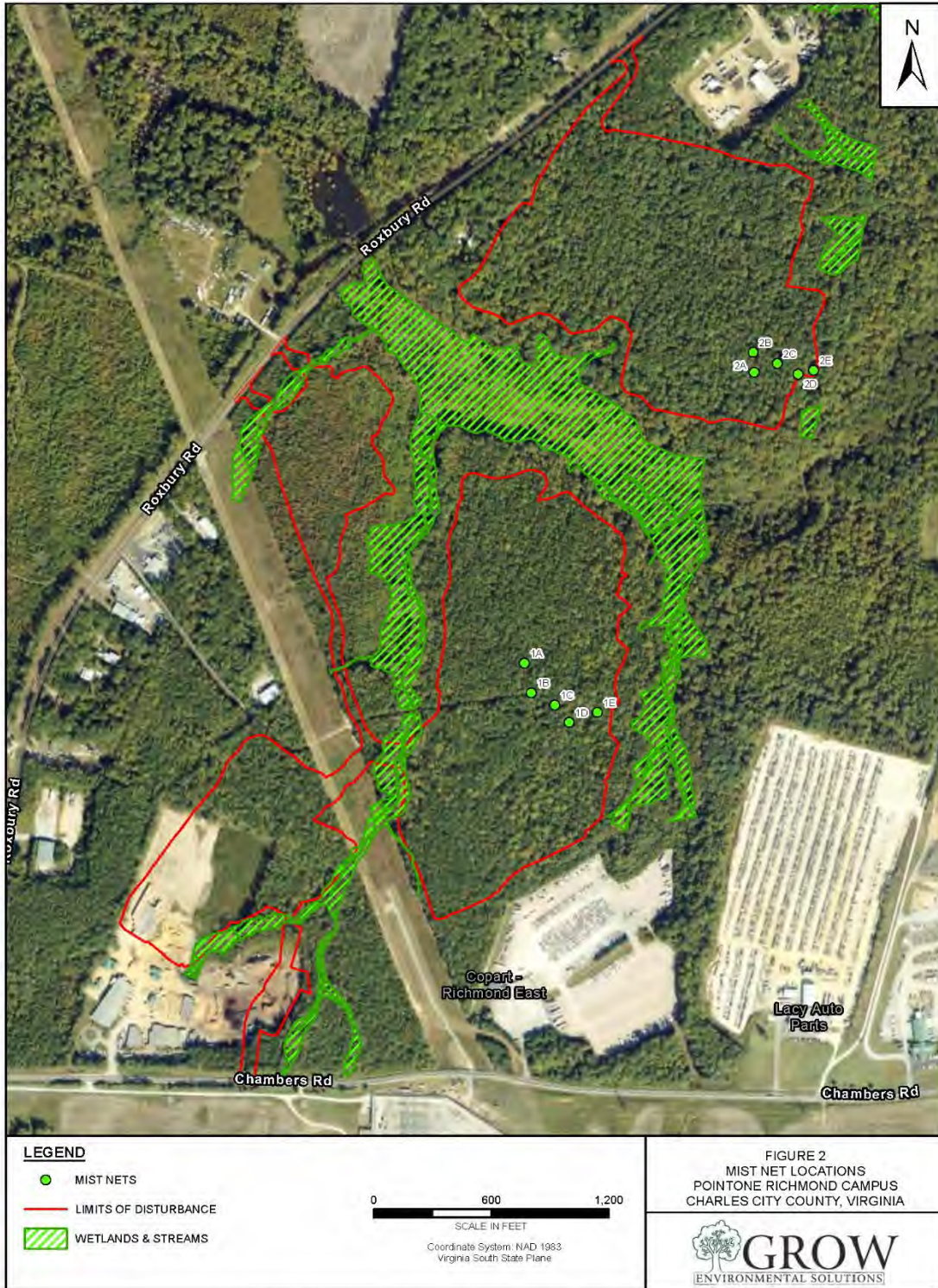
Site No./Net	Description	Dates (2025)	County	Quad	Latitude	Longitude
1/A	Interior forest corridor	August 8 & 9	Charles City	Roxbury, VA	37.444349	-77.157431
1/B	Interior forest corridor	August 8 & 9	Charles City	Roxbury, VA	37.443933	-77.157317
1/C	Interior forest corridor	August 8 & 9	Charles City	Roxbury, VA	37.443756	-77.156907
1/D	Interior forest corridor	August 8 & 9	Charles City	Roxbury, VA	37.443512	-77.156658
1/E	Interior forest corridor	August 8 & 9	Charles City	Roxbury, VA	37.443646	-77.156162
2/A	Interior forest corridor	August 8 & 9	Charles City	Roxbury, VA	37.448383	-77.153320
2/B	Interior forest corridor	August 8 & 9	Charles City	Roxbury, VA	37.448665	-77.153331
2/C	Interior forest corridor	August 8 & 9	Charles City	Roxbury, VA	37.448502	-77.152912
2/D	Interior forest corridor	August 8 & 9	Charles City	Roxbury, VA	37.448348	-77.152548
2/E	Interior forest corridor	August 8 & 9	Charles City	Roxbury, VA	37.448400	-77.152275

**SUMMER 2025 PRESENCE/PROBABLE ABSENCE SURVEY
POINTONE RICHMOND CAMPUS
CHARLES CITY COUNTY, VIRGINIA**



Data Source: USGS Topo: USGS The National Map; National Boundaries Dataset; 3DEP Elevation Program; Geographic Names Information System; National

**SUMMER 2025 PRESENCE/PROBABLE ABSENCE SURVEY
POINTONE RICHMOND CAMPUS
CHARLES CITY COUNTY, VIRGINIA**



Data Source: Hybrid Reference Layer. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

**SUMMER 2025 PRESENCE/PROBABLE ABSENCE SURVEY
POINTONE RICHMOND CAMPUS
CHARLES CITY COUNTY, VIRGINIA**

Survey site locations were recorded using ArcGIS Field Collector. Mist-nets were set prior to sunset and deployed approximately 30 minutes prior to sunset due to the darkness of the forest interior. Nets were left open for approximately 5+ hours after sunset each night and checked every 10-15 minutes. Disturbance near the nets was kept to a minimum. Weather data, including temperature, relative wind speed, and cloud cover was recorded on an hourly basis to ensure compliance with mist-net survey guidelines (e.g., temperature during survey > 50°F, no rain, etc.).

Mist-nets used consisted of 70/2 denier polyester (36mm mesh size) and were of low visibility and high-quality. Nets between 6 and 12 meters (~20 – 40 ft) in length, depending upon the width of the corridor, were used for each net set. Double-high net systems consisted of two 6-meter (~20 ft) nets per set of poles and covered approximately 6 meters (~20 ft) in height. A triple-high net system consisted of three 12-meter (~40 ft) nets and covered approximately 10 meters (30 ft) in height. Two sites were surveyed (5 nets/site) for 1 calendar night each (total of 2 calendar nights) utilizing 4 double-high net systems (Net A, Net C, Net D, and Net E) and 1 triple-high net system (Net B). Total mist-net nights for the project site were 10.

Data recorded for bats captured included capture time, species, sex, age (adult or juvenile), reproductive condition (pregnant, lactating, post-lactating, testes descended, nonreproductive), weight (g), forearm length (mm), and Reichard Wing-Damage Index. In addition, the specific net set and height of capture in that specific net set were recorded for each bat. Completed data sheets and photos are provided in **Appendix A** and **Appendix B**, respectively.

All mist-net equipment was decontaminated prior to and following the completion of the project. Decontamination protocols followed those outlined in the guidance and found on whitenosesyndrome.org. Procedures included the utilization of COVID-specific personal protective equipment (PPE) when handling bat species.

RESULTS

Mist-net surveys were conducted 8 August 2025 and 9 August 2025 by qualified biologist, Christopher Grow (Federal Permit #ES37492B, Virginia State Permit #3901648) of GES. Mr. Grow was present and available to freely identify bats that were captured at each net. No northern long-eared or tri-colored bats were captured during the survey. No other federal- or state-listed bat species were captured during the survey. A total of 4 bats representing 2 species (*Eptesicus fuscus* and *Lasiurus borealis*) were captured during mist-net survey efforts (**Table 2**). The captured bats were examined for signs of WNS by using the Reichard Wing-Damage Index. No major traumas were observed on the captured bats.

Table 2. Summary of bat captures for PointOne, Charles City County, VA.

Species	Adult Male		Adult Female				Juvenile		Escaped*	Total
	NR	TD	P	L	PL	NR	Male	Female		
<i>Eptesicus fuscus</i>	0	2	0	0	0	0	0	0	1	3
<i>Lasiurus borealis</i>	0	0	0	0	0	0	0	0	1	1
Total	0	2	0	0	0	0	0	0	2	4

NR = non-reproductive; TD = testes descended; P = pregnant; L = lactating; PL = post lactating
* Species was determined, but bat escaped prior to collection of morphometric data.

CONCLUSIONS

The species of bats captured during the survey were typical for the geographic location, level of effort (i.e. number of survey nights), and habitats present. **No northern long-eared or tri-colored bats were captured during the survey. No other federal- or state-listed bat species were captured during the survey. Therefore, it is unlikely the species is present within the project area during the maternity/summer roosting season.**

ECS is interested in moving forward with this project as soon as possible. As such, GES seeks concurrence that the project will ***not likely adversely affect*** the federally listed northern long-eared bat, federally proposed tri-colored bat, or any other federally listed bat species within the project site. No other conservation measures are necessary based on the survey results.

**SUMMER 2025 PRESENCE/PROBABLE ABSENCE SURVEY
POINTONE RICHMOND CAMPUS
CHARLES CITY COUNTY, VIRGINIA**

APPENDIX A
Datasheets



Site No.		Project/Firm: <u>POINT ONE / ECS New-Arrival</u>				Date: <u>8/9/25</u>	
Location: <u>NE OF ROXBURY RD & CHAMBERS RD</u>						County: <u>CHARLES CITY</u>	
State: <u>VA</u>		Quad: <u>ROXBURY</u>		Quadrant:			
Lat/Long (DMS): <u>N 37.443933</u>		W <u>-77.157317</u>		Zone:		Surveyors: <u>C. Green / D. Spawak</u>	

#	Time	Species	Age	Sex	Repro. Cond.*	RFA (mm)	Mass (g)	Net/It	Guano/Hair	Wing Score	Band # Type
1	2035	<i>E. fuscus</i>	A	M	~	ESCAPED	412	E/S	—	—	—
2	2125	<i>E. fuscus</i>	A	M	TD	42	16	E/S	—	—	—
3											
4											
5											
6											
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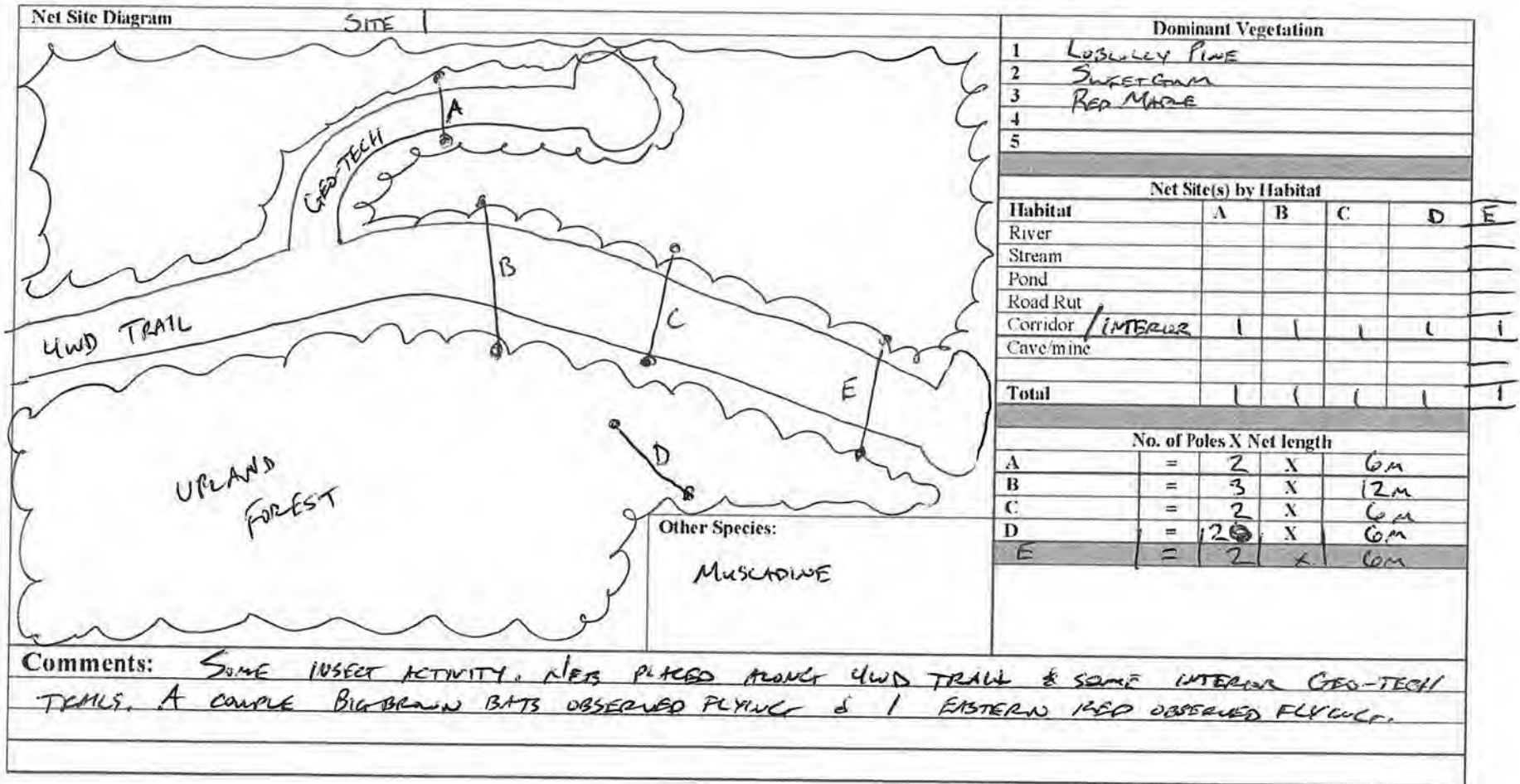
Moon Phase: <u>WANING GIBBONS</u>		% <u>98.4%</u>	
Rise		Set	
Moon:	<u>2006</u>	<u>0515</u>	
Sun:	<u>0618</u>	<u>2008</u>	

Time	Temp	Sky	Wind	# Bats
2000	76	2	1	0
2100	77	2	1	1
2200	70	1	0	1
2300	69	1	0	0
2400	67	1	0	0
0100	67	1	0	0
0200	66	1	0	0
Avg	69.6	1.29	0.29	0.29

Sky Code	
0	Clear
1	Few Clouds
2	Partly Cloudy
3	Cloudy or overcast
4	Smoke or fog
5	Drizzle or light rain
6	Thunderstorm

Beauford Wind Code	
0	Calm (0 mph)
1	Light wind (1-3 mph)
2	Light breeze (4-7 mph)
3	Gentle breeze (8-12 mph)
4	Moderate breeze (13-18 mph)

*Repro. Cond (Reproductive Condition): (P) pregnant; (L) lactating; (PL) post-lactating; (NR) non-reproductive; (TD) testes descended





Site No. <u>2</u>		Project/Firm: <u>POINTONE / ERS MID-ATLANTIC</u>				Date: <u>8/19/25</u>			
Location: <u>NE OF ROXBURY RD & CHAMBERS RD</u>									
County: <u>CHARLES CITY</u>				State: <u>VA</u>		Quad: <u>ROXBURY</u>		Quadrant:	
Lat/Long (DMS):		N <u>37.445502</u>		W <u>-77.152912</u>		Zone:		Surveyors: <u>C. Grass / P. SPANTAK</u>	

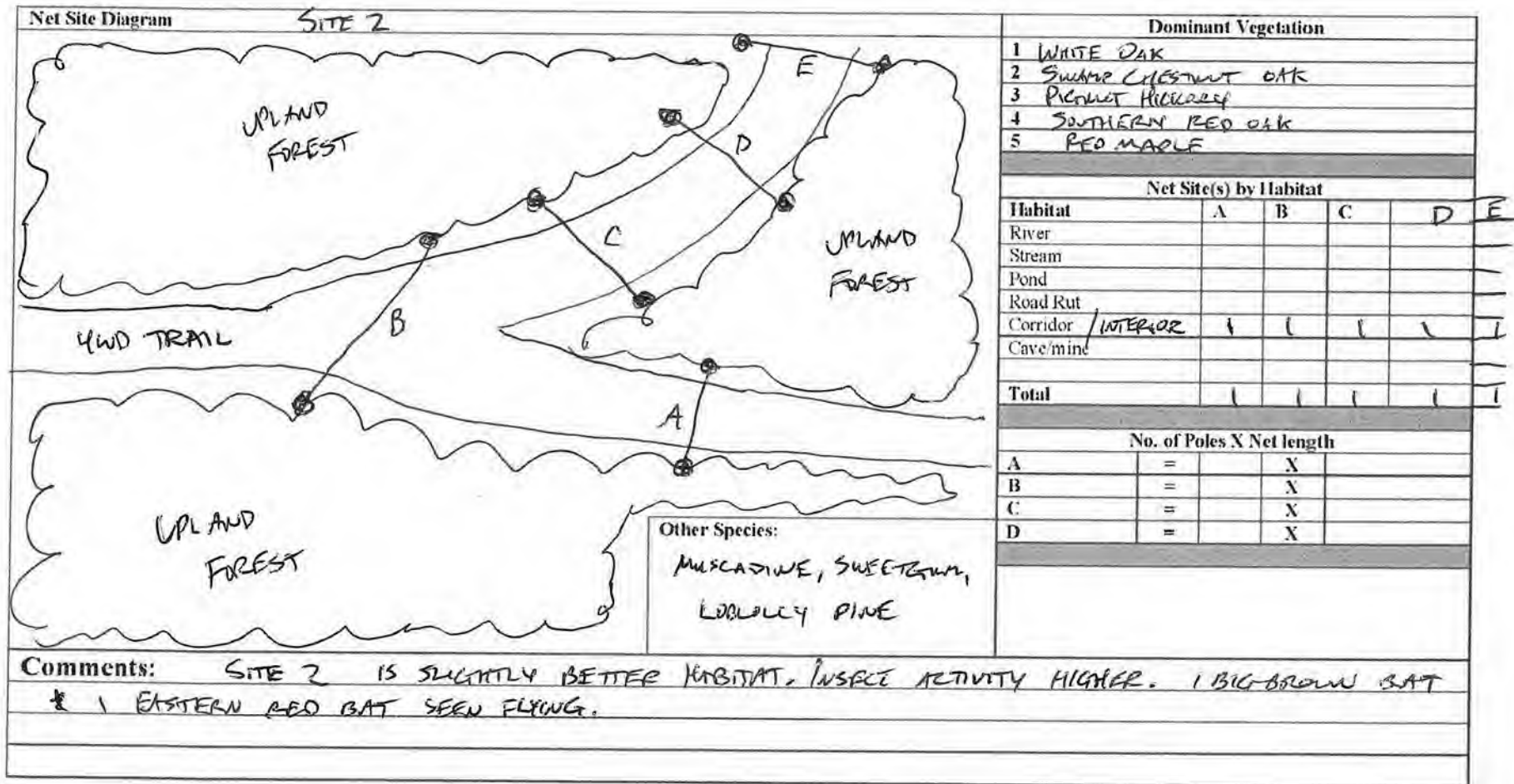
#	Time	Species	Age	Sex	Repro. Cond.*	RFA (mm)	Mass (g)	Net/ Ht	Guano/ Hair	Wing Score	Band # Type	Moon Phase:	%
1	2040	<i>L. borealis</i>				ESCAPED		B/10'				Waning Gibbous	99.9%
2	2213	<i>E. fuscus</i>	A	M	TD	37	10	13/18'				Rise	Set
3												Moon:	2057
4												Sun:	0419
5													2007
6												Time	Temp
7												1930	75
8												2030	73
9												2130	71
10												2230	69
11												2330	69
12												2430	69
13												0130	66
14												Avg	69.5
15												0230	69
16													0
17													1
18													2
19													3
20													4
21													5
22													6
23													
24													
25													
26													
27													
28													
29													
30													

Time	Temp	Sky	Wind	# Bats
1930	75	0	0	0
2030	73	0	0	0
2130	71	0	0	1
2230	69	0	0	1
2330	69	0	0	0
2430	69	0	0	0
0130	66	0	0	0
Avg	69.5	0	0	0.25
0230	69	0	0	0

Sky Code	
0	Clear
1	Few Clouds
2	Partly Cloudy
3	Cloudy or overcast
4	Smoke or fog
5	Drizzle or light rain
6	Thunderstorm

Beauford Wind Code	
0	Calm (0 mph)
1	Light wind (1-3 mph)
2	Light breeze (4-7 mph)
3	Gentle breeze (8-12 mph)
4	Moderate breeze (13-18 mph)

*Repro. Cond (Reproductive Condition): (P) pregnant; (L) lactating; (PL) post-lactating; (NR) non-reproductive; (TD) testes descended



**SUMMER 2025 PRESENCE/PROBABLE ABSENCE SURVEY
POINTONE RICHMOND CAMPUS
CHARLES CITY COUNTY, VIRGINIA**

APPENDIX B
Photo Log

PHOTOS
PointOne Richmond Campus
Charles City County, Virginia
August 8 and August 9, 2025



Photo 1: Overview of Net A (double-high) at Site #1.
Coordinates: 37.444349, -77.157431



Photo 2: Overview of Net B (triple-high) at Site #1.
Coordinates: 37.443933, -77.157317

PHOTOS
PointOne Richmond Campus
Charles City County, Virginia
August 8 and August 9, 2025



Photo 3: Overview of Net C (double-high) at Site #1.
Coordinates: 37.443756, -77.156907



Photo 4: Overview of Net D (double-high) at Site #1.
Coordinates: 37.443512, -77.156658

PHOTOS
PointOne Richmond Campus
Charles City County, Virginia
August 8 and August 9, 2025



Photo 5: Overview of Net E (double-high) at Site #1.
Coordinates: 37.443646, -77.156162



Photo 6: Overview of Net A (double-high) at Site #2.
Coordinates: 37.448383, -77.153320

PHOTOS
PointOne Richmond Campus
Charles City County, Virginia
August 8 and August 9, 2025



Photo 7: Overview of Net B (triple-high) at Site #2.
Coordinates: 37.448665, -77.153331



Photo 8: Overview of Net C (double-high) at Site #2.
Coordinates: 37.448502, -77.152912

PHOTOS
PointOne Richmond Campus
Charles City County, Virginia
August 8 and August 9, 2025



Photo 9: Overview of Net D (double-high) at Site #2.
Coordinates: 37.448348, -77.152548



Photo 10: Overview of Net E (double-high) at Site #1.
Coordinates: 37.448400, -77.152275

PHOTOS
PointOne Richmond Campus
Charles City County, Virginia
August 8 and August 9, 2025



Photo 6: Example of big brown bat (*Eptesicus fuscus*) caught within Site 1.



Photo 7: Example of big brown bat (*Eptesicus fuscus*) caught within Site 2.

**SUMMER 2025 PRESENCE/PROBABLE ABSENCE SURVEY
POINTONE RICHMOND CAMPUS
CHARLES CITY COUNTY, VIRGINIA**

APPENDIX C
Permits



NATIVE ENDANGERED SPECIES RECOVERY

Permit Number: ES37492B**Version Number:** 2**Effective:** 2024-10-15 **Expires:** 2029-10-15**Issuing Office:****Department of the Interior****U.S. FISH AND WILDLIFE SERVICE**

ES Atlanta Permit Office

1875 Century Boulevard

Atlanta, Georgia 30345

permitsR4ES@fws.gov

**Robert
Tawes**

FWS T&E Chief

Digitally signed by

Robert Tawes

2024-10-10 09:09:59

Permittee:

Christopher Grow

1297 YORKSHIRE DRIVE

MEMPHIS, TN 38119

US

Authority: Statutes and Regulations: 16 U.S.C. 1539 (a) 50 CFR 17.22, 50 CFR 13

Location where authorized activity may be conducted:

Alabama, Arkansas, Connecticut, Delaware, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, Wisconsin, and Wyoming.

Reporting requirements:

Annual reports are due by January 31 following each year that this permit is in effect.

Authorizations and Conditions:

A. General conditions set out in Subpart D of 50 CFR 13, and specific conditions contained in Federal regulations cited above, are hereby made a part of this permit. All activities authorized herein must be carried out in accordance with and for the purposes described in the application submitted. Continued



Threatened and Endangered Species Collection Research Survey Permit

Customer ID:	3901648	Mobile: (931)247-8915
Permittee:	ANTHONY CHRISTOPHER GROW	City/County: Out of State
Mailing Address:	1297 Yorkshire Dr Memphis, TN 38119-5029	
Email:	chris@growenv.com	

Contract Species Survey

Affiliation: Grow Environmental Solutions, LLC

Authorized County/Cities:

Affiliation Address: 1297 Yorkshire Dr Memphis, TN 38119-5029

Charles City; Spotsylvania

Authorized Terrestrial Collection Methods: Collection by Hand; Other; Terrestrial Mist Nets; Acoustics/radio telemetry

Authorized Aquatic Collection Methods:

Permittee MUST notify DWR within the 7 day period prior to each sampling event. Notification must be made via email to: collectionpermits@dwr.virginia.gov Report Due: 31 January 2026 ANNUAL REPORTS MUST BE SUBMITTED VIA: https://services.dwr.virginia.gov/collection_permits/ STANDARD CONDITIONS ATTACHED APPLY TO THIS PERMIT.

Authorized Species: Small Mammals, Indiana bat; Northern long-eared bat; Tri-colored bat; Gray bat

Authorized Sub-Permittees:

John Drury Wilhite

Special Conditions: Project Added 8/6/2025: PointOne Richmond Campus Surveys Charles City

Applicants may appeal permit decisions within 60 days of issuance. The appeal must be in writing to the Director, Department of Wildlife Resources.

Issued By: The Virginia Department of Wildlife Resources Date: 4/29/2025

Permit Effective: 4/29/2025 through 12/31/2025



Scientific Collection Permit

Customer ID:	3901648	Mobile: (931)247-8915
Permittee:	ANTHONY CHRISTOPHER GROW	City/County: Out of State
Mailing Address:	1297 Yorkshire Dr Memphis, TN 38119-5029	
Email:	chris@growenv.com	

Contract Species Survey/ Other/ Presence/Absence Surveys

Affiliation: Grow Environmental Solutions LLC

Authorized County/Cities:

Affiliation Address: 1297 Yorkshire Dr
Memphis, TN 38119

Charles City; Fauquier; Loudoun; Prince William;
Spotsylvania

Authorized Terrestrial Collection Methods: Terrestrial Mist Nets (Bats/Birds); Other; Acoustics/Radio Telemetry

Authorized Aquatic Collection Methods:

Authorized Water Body:

Permittee MUST notify DWR within the 7 day period prior to each sampling event. Notification must be made via email to: collectionpermits@dwr.virginia.gov Report Due: 31 January 2025, 31 January 2026 ANNUAL REPORTS MUST BE SUBMITTED VIA: https://services.dwr.virginia.gov/collection_permits/ STANDARD CONDITIONS ATTACHED APPLY TO THIS PERMIT.

Authorized Species: Small Mammals; Indiana bat; Northern long-eared bat; Gray bat; Tri-colored bat

Authorized Sub-Permittees: John Drury Wilhite

Conditions: Added 4/29/2025 Staples Reserve Project Spotsylvania County; Project Added 8-6-2025 PointOne Richmond Campus Charles City

Applicants may appeal permit decisions within 60 days of issuance. The appeal must be in writing to the Director, Department of Wildlife Resources.	
Issued By: The Virginia Department of Wildlife Resources	Date: 7/22/2024

Permit Effective: 7/22/2024 through 12/31/2025



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Virginia Ecological Services Field Office
6669 Short Lane
Gloucester, VA 23061-4410
Phone: (804) 693-6694

In Reply Refer To:

07/11/2025 18:52:22 UTC

Project Code: 2025-0120790

Project Name: 19067-E-PointOne Richmond Campus-Update

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

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

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

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

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

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

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Project Code in the header of this

letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

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

OFFICIAL SPECIES LIST

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

This species list is provided by:

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

PROJECT SUMMARY

Project Code: 2025-0120790
Project Name: 19067-E-PointOne Richmond Campus-Update
Project Type: Acquisition of Lands
Project Description: Due diligence for propose data center development
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@37.448117350000004,-77.15699681992443,14z>



Counties: Charles City County, Virginia

ENDANGERED SPECIES ACT SPECIES

There is a total of 3 threatened, endangered, or candidate species on this species list.

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

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

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

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

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

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

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

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Dana Spontak
Address: 804 Professional Place West
City: Chesapeake
State: VA
Zip: 23320
Email: dspontak@ecslimited.com
Phone: 7575035991



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Virginia Ecological Services Field Office
6669 Short Lane
Gloucester, VA 23061-4410
Phone: (804) 693-6694

In Reply Refer To:
Project code: 2025-0120790
Project Name: 19067-E-PointOne Richmond Campus-Update

07/11/2025 18:59:00 UTC

Federal Nexus: no
Federal Action Agency (if applicable):

Subject: Technical assistance for '19067-E-PointOne Richmond Campus-Update'

Dear Dana Spontak:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on July 11, 2025, for '19067-E-PointOne Richmond Campus-Update' (here forward, Project). This project has been assigned Project Code 2025-0120790 and all future correspondence should clearly reference this number. **Please carefully review this letter. Your Endangered Species Act (Act) requirements are not complete.**

Ensuring Accurate Determinations When Using IPaC

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into IPaC must accurately represent the full scope and details of the Project. **Failure to accurately represent or implement the Project as detailed in IPaC or the Northern Long-eared Bat and Tricolored Bat Range-wide Determination Key (Dkey), invalidates this letter.**

Determination for the Northern Long-Eared Bat and Tricolored Bat

Based on your IPaC submission and a standing analysis completed by the Service, you determined the proposed Project will have the following effect determinations:

Species	Listing Status	Determination
Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Endangered	May affect
Tricolored Bat (<i>Perimyotis subflavus</i>)	Proposed	May affect
	Endangered	

Other Species and Critical Habitat that May be Present in the Action Area

The IPaC-assisted determination key for the northern long-eared bat and tricolored bat does not apply to the following ESA-protected species and/or critical habitat that also may occur in your Action area:

- Monarch Butterfly *Danaus plexippus* Proposed Threatened

You may coordinate with our Office to determine whether the Action may cause prohibited take of the species listed above.

Conclusion

Further coordination with the Service is voluntary for those species with a determination of “May Affect.” A “May Affect” determination in this key indicates that the project, as entered, is not consistent with the questions in the key. Not all projects that reach a “May Affect” determination are anticipated to result in adverse impacts to listed species. Through the technical assistance process, the Service might be able to provide information that either indicates incidental take is not reasonably certain to occur, or the Service might be able to provide recommendations that enable the project to be conducted in a way that avoids the likelihood of incidentally taking listed bats. Please contact our Virginia Ecological Services Field Office for more information. The Service has developed interim voluntary guidance for non-federal actions involving forest habitat modification that may affect the northern long-eared bat. Review the guidance posted here for more information for NLEB: <https://www.fws.gov/species/northern-long-eared-bat-myotis-septentrionalis> and TCB: <https://www.fws.gov/species/tricolored-bat-perimyotis-subflavus>

Federal agencies must consult with U.S. Fish and Wildlife Service under section 7(a)(2) of the Endangered Species Act (ESA) when an action *may affect* a listed species. Tricolored bat is proposed for listing as endangered under the ESA, but not yet listed. For actions that may affect a proposed species, agencies cannot consult, but they can *confer* under the authority of section 7(a)(4) of the ESA. Such conferences can follow the procedures for a consultation and be adopted as such if and when the proposed species is listed. Should the tricolored bat be listed, agencies must review projects that are not yet complete, or projects with ongoing effects within the tricolored bat range that previously received a NE or NLAA determination from the key to confirm that the determination is still accurate. Projects that receive a may affect determination for tricolored bat through the key, should contact the appropriate Ecological Services Field Office if they want to conference on this species.

Action Description

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

1. Name

19067-E-PointOne Richmond Campus-Update

2. Description

The following description was provided for the project '19067-E-PointOne Richmond Campus-Update':

Due diligence for propose data center development

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@37.448117350000004,-77.15699681992443,14z>



DETERMINATION KEY RESULT

Based on the answers provided, the proposed Action is consistent with a determination of “may affect” for a least one species covered by this determination key.

QUALIFICATION INTERVIEW

1. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed bats or any other listed species?

Note: Intentional take is defined as take that is the intended result of a project. Intentional take could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered or proposed species?

No

2. Is the action area wholly within Zone 2 of the year-round active area for northern long-eared bat and/or tricolored bat?

Automatically answered

No

3. Does the action area intersect Zone 1 of the year-round active area for northern long-eared bat and/or tricolored bat?

Automatically answered

No

4. Does any component of the action involve leasing, construction or operation of wind turbines? Answer 'yes' if the activities considered are conducted with the intention of gathering survey information to inform the leasing, construction, or operation of wind turbines.

Note: For federal actions, answer ‘yes’ if the construction or operation of wind power facilities is either (1) part of the federal action or (2) would not occur but for a federal agency action (federal permit, funding, etc.).

No

5. Is the proposed action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

No

6. [Semantic] Is the action area located within 0.5 miles of a known bat hibernaculum? Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

7. Does the action area contain any winter roosts or caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, or tunnels that could provide habitat for hibernating bats?

No

8. Will the action cause effects to a bridge?

Note: Covered bridges should be considered as bridges in this question.

No

9. Will the action result in effects to a culvert or tunnel at any time of year?

No

10. Are trees present within 1000 feet of the action area?

Note: If there are trees within the action area that are of a sufficient size to be potential roosts for bats answer "Yes". If unsure, additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

11. Does the action include the intentional exclusion of bats from a building or structure?

Note: Exclusion is conducted to deny bats' entry or reentry into a building. To be effective and to avoid harming bats, it should be done according to established standards. If your action includes bat exclusion and you are unsure whether northern long-eared bats or tricolored bats are present, answer "Yes." Answer "No" if there are no signs of bat use in the building/structure. If unsure, contact your local Ecological Services Field Office to help assess whether northern long-eared bats or tricolored bats may be present. Contact a Nuisance Wildlife Control Operator (NWCO) for help in how to exclude bats from a structure safely without causing harm to the bats (to find a NWCO certified in bat standards, search the Internet using the search term "National Wildlife Control Operators Association bats"). Also see the White-Nose Syndrome Response Team's guide for bat control in structures.

No

12. Does the action involve removal, modification, or maintenance of a human-made structure (barn, house, or other building) **known or suspected to contain roosting bats?**

No

13. Will the action cause construction of one or more new roads open to the public?

For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

14. Will the action include or cause any construction or other activity that is reasonably certain to increase average night-time traffic permanently or temporarily on one or more existing roads? **Note:** For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

15. Will the action include or cause any construction or other activity that is reasonably certain to increase the number of travel lanes on an existing thoroughfare?

For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

16. Will the proposed Action involve the creation of a new water-borne contaminant source (e.g., leachate pond, pits containing chemicals that are not NSF/ANSI 60 compliant)?

Note: For information regarding NSF/ANSI 60 please visit <https://www.nsf.org/knowledge-library/nsf-ansi-standard-60-drinking-water-treatment-chemicals-health-effects>

No

17. Will the proposed action involve the creation of a new point source discharge from a facility other than a water treatment plant or storm water system?

No

18. Will the action include drilling or blasting?

No

19. Will the action involve military training (e.g., smoke operations, obscurant operations, exploding munitions, artillery fire, range use, helicopter or fixed wing aircraft use)?

No

20. Will the proposed action involve the use of herbicides or other pesticides other than herbicides (e.g., fungicides, insecticides, or rodenticides)?

No

21. Will the action include or cause activities that are reasonably certain to cause chronic or intense nighttime noise (above current levels of ambient noise in the area) in suitable summer habitat for the northern long-eared bat or tricolored bat during the active season?

Chronic noise is noise that is continuous or occurs repeatedly again and again for a long time. Sources of chronic or intense noise that could cause adverse effects to bats may include, but are not limited to: road traffic; trains; aircraft; industrial activities; gas compressor stations; loud music; crowds; oil and gas extraction; construction; and mining.

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

No

22. Does the action include, or is it reasonably certain to cause, the use of permanent or temporary artificial lighting within 1000 feet of suitable northern long-eared bat or tricolored bat roosting habitat?

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

No

23. Will the action include tree cutting or other means of knocking down or bringing down trees, tree topping, or tree trimming?

Yes

24. Will the proposed action occur exclusively in an already established and currently maintained utility right-of-way?

No

25. Does the action include emergency cutting or trimming of hazard trees in order to remove an imminent threat to human safety or property? See hazard tree note at the bottom of the key for text that will be added to response letters

Note: A "hazard tree" is a tree that is an immediate threat to lives, public health and safety, or improved property.

No

26. Does the project intersect with the 0- 9.9% forest density category?

Automatically answered

No

27. Does the project intersect with the 10.0- 19.9% forest density category map?

Automatically answered

No

28. Does the project intersect with the 20.0- 29.9% forest density category map?

Automatically answered

No

29. Does the project intersect with the 30.0- 100% forest density category map?

Automatically answered

Yes

30. Will the action cause trees to be cut, knocked down, or otherwise brought down across an area greater than 100 acres in total extent?

Yes

31. Does the action area intersect the northern long-eared bat species list area?

Automatically answered

Yes

32. [Semantic] Is the action area located within 0.5 miles of radius of an entrance/opening to any known NLEB hibernacula? Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

33. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

34. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats?

Automatically answered

No

35. [Semantic] Is the action area located within 150 feet of a documented northern long-eared bat roost site?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency. Have you contacted the appropriate agency to determine if your action is within 150 feet of any documented northern long-eared bat roosts?

Note: A document with links to Natural Heritage Inventory databases and other state-specific sources of information on the locations of northern long-eared bat roosts is available here. Location information for northern long-eared bat roosts is generally kept in state natural heritage inventory databases – the availability of this data varies by state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited.

Automatically answered

No

36. Is suitable summer habitat for the northern long-eared bat present within 1000 feet of project activities?

If unsure, answer "Yes."

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

37. Has a presence/probable absence summer bat survey targeting the northern long-eared bat following the Service's [Range-wide Indiana Bat and Northern Long-Eared Bat Survey Guidelines](#) been conducted within the project area?

No

38. Does the action area intersect the tricolored bat species list area?

Automatically answered

Yes

39. [Semantic] Is the action area located within 0.5 miles of radius of an entrance/opening to any known tricolored bat hibernacula? Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

40. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

41. Has a presence/probable absence bat survey targeting the [tricolored bat and following the Service's Range-wide Indiana Bat and Northern Long-Eared Bat Survey Guidelines](#) been conducted within the project area?

No

42. Is suitable summer habitat for the tricolored bat present within 1000 feet of project activities?

(If unsure, answer ""Yes."")

Note: If there are trees within the action area that may provide potential roosts for tricolored bats (e.g., clusters of leaves in live and dead deciduous trees, Spanish moss (*Tillandsia usneoides*), clusters of dead pine needles of large live pines) answer ""Yes."" For a complete definition of suitable summer habitat for the tricolored bat, please see Appendix A in the [Service's Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines](#).

Yes

43. Do you have any documents that you want to include with this submission?

No

PROJECT QUESTIONNAIRE

Enter the extent of the action area (in acres) from which trees will be removed - round up to the nearest tenth of an acre. For this question, include the entire area where tree removal will take place, even if some live or dead trees will be left standing.

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IPAC USER CONTACT INFORMATION

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