



# *Appendix F*

Phase 1 Site Evaluation

# F1 PHASE 1 CRITERIA – INITIAL SITE EVALUATION

PHASE 1A			
CATEGORY	CRITERIA DESCRIPTION	SCORING	VALUE
Site Capacity and Flexibility	Proximity to primary rail	5 points if adjacent to main line, 3 points if 1 mile or less, 1 point otherwise	5
	Proximity to CoSS	5 points if less than 1 mile, -0.25 points for every 0.25 miles over 1 mile	5
	Space	10 points if 5 acres or more, acreage x2 down to 3.51 acres, less than 3.5 acres = 0 points	10
	Track frontage	10 points if 1,000 feet or more, track length divided by 100 otherwise	10
	Availability/Ownership	5 points if owned by local government or written permission from owner, 3 points if primarily vacant w/2 owners or less, 0 points otherwise	5
Notes: Pulaski and Montgomery County, City of Radford, and Town of Christiansburg iGIS			
Environment	Potential displacement	3 points if 0 impacts; 2 points if vacant, available, or no more than 1 home/business; 1 point otherwise	3
	Floodplain	10 points if 0 impacts, 7 points if 25% or less, 3 points if more than 25% but less than 50%, and 0 points otherwise	10
	Migratory birds	3 points for lowest score, 3*(lowest impact/impact) otherwise	3
	Threatened/endangered species	5 points if 0 impacts, 3 points if simple mitigation, 0 points otherwise	5
	Notes: US Fish and Wildlife Service IPaC Trust Resource Report. Species found on 9 locations included Mitchell's Satyr Butterfly, Indiana and Northern Long-eared Bat, Virginia Big-eared Bat, Virginia Fringed Mountain Snail, and Roanoke Logperch. <b>Mitchell's Satyr Butterfly</b> is typically found in Floyd County. Adjacent counties, such as Pulaski and Floyd, show up in the database. As a result, mitigation difficulty is assumed to be low. <b>The Indiana and Northern Long-eared Bat</b> mitigation can be difficult. Particularly when trees greater than 3 inches in diameter are present, construction is restricted during the summer months (April 15 <sup>th</sup> – September 15 <sup>th</sup> ). If site is located near a cave the restricted cutting season can be extended through November 15 <sup>th</sup> . When cutting less than 20 trees an emergency survey can be performed (30 minutes before sunset and 1 hour after). If no bats are seen trees may be cut that night or the next day. <b>Virginia Big-eared Bat</b> mitigation difficulty is not as heavily regulated by federal project funding, mitigation difficulty is medium. <b>Virginia Fringed Mountain Snail</b> mitigation would be the most difficult. The species is currently only located along a 70 meter stretch of the New River (only place in the world). Sites not located immediately adjacent to known location should not require mitigation. <b>Roanoke Logperch</b> is only located within the Roanoke River basin. Construction is not permitted during spawning season (March 15 <sup>th</sup> – June 30 <sup>th</sup> ). If conditions are optimal, more extensive mitigation measures ESC and stormwater quality must be implemented. Sites not located immediately adjacent to the Roanoke River should not require mitigation.		
	Historical resources	3 points if 0 impacts, -0.25 points each, 0.5 point low score	3
Notes: Virginia Cultural Resource Information System. Report identified potential historic resources located on potential passenger rail site or on a parcel immediately adjacent to potential site (within viewshed).			

	Open Space/conservation easement	3 points if 0 impacts, 3*(lowest impact/impact) otherwise	3
	Agriculture district	3 points if 0 impacts, 3*(lowest impact/impact) otherwise	3
	Hazardous materials	5 points if 0 impacts, 3 points if potential encroachment, 1 point if difficult mitigation	5
			<b>TOTALS</b>
			70

<b>PHASE 1B</b>			
<i>CATEGORY</i>	<i>CRITERIA DESCRIPTION</i>	<i>SCORING</i>	<i>VALUE</i>
<i>Land Use and Accessibility</i>	Consistency with local Comprehensive Plan	10 points if yes, 7 points if Council willing to amend, 0 points otherwise	10
	Notes: Local Comprehensive Plan review. High score awarded if existing/Future land use of potential property identified as commercial, business, or industrial.		
	Proximity to transit	10 points if available adjacent to property; 7 points if located within "go anywhere;" 5 points if identified in a future plan; 0 points otherwise	10
	Proximity to bike/pedestrian	5 points if located on or adjacent to property; 3 points if planned; 0 points otherwise	5
	Proximity to water	3 points if located on or adjacent to property; 1 point if planned or located within 600 feet; 0 points otherwise	3
	Proximity to sewer		3
	Proximity to power		3
	Proximity to internet		3
<i>Activity Centers</i>	Proximity to population + employment within 15-miles	30 points for highest score, 30*(impact/highest impact) otherwise	30
	Notes: US Census OnTheMAp, 2011 employment data. American Community Survey 2009-2013 5-Year Summary housing data. NRVRC 15-mile radius "as crow flies," total all intersecting Census Block Group or Block Level data (whichever is finer).		
<i>Site Feasibility</i>	Percentage of property prime for construction	10*percentage of site prime for development and/or redevelopment	10
			<b>TOTALS</b>
			77

Unless otherwise noted above, site characteristic information was reviewed during 1-on-1 meetings between the Commission and local stakeholders. Phase 1 final criteria relevance, scoring value/weight, and scoring methodology were reviewed individually on August 20, 2015 by the MPO Technical Advisory Committee. Phase 1 Criteria was approved on September 3, 2015.

## F2 SITE 1C: EAST MAIN, NORTH DEPOT – PHASE 1 SCORING



Site Capacity and Flexibility					
Criteria	Prox. Rail	Prox. CoSS	Space	Frontage	Available
Measure	0 miles	3.25 miles	6.17 acres	1,780 feet	3 parcels   2 owners
Score	5	2.75	10	10	3

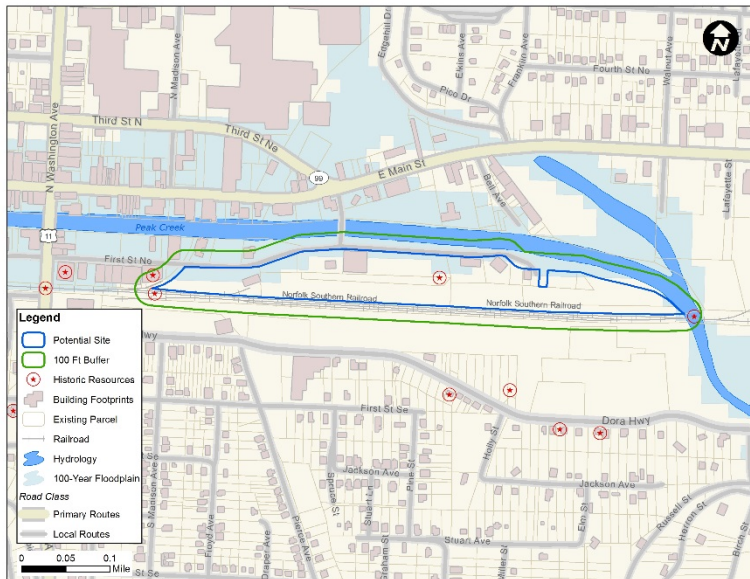
Environment								
Criteria	Displace	Flood	Birds	Species	Historic	Open	Ag. Dist.	Hazard
Measure	none	23%	17	med/high	3	no	no	high
Score	3	7	2.65	3	2.25	3	3	1

Land Use and Accessibility							
Criteria	Comp.	Transit	Bike/ped	Water	Sewer	Power	Internet
Measure	no	yes	planned	yes	yes	yes	no
Score	10	10	3	3	3	3	1

Activity Centers			
Criteria	Population   15 miles	Employment   15 miles	Combination   15 miles
Measure	86,292	21,271	107,563
Score	NA	NA	14.33

Site Feasibility	
Criteria	Percentage of site prime for construction
Measure	95%
Score	9.50

Site 1C: East Main, North Depot – Summary			
Low Score	High Score	Score Ranking	Site Score
0	139.09	5th	112.48





**Map Layers** **Results**

(1) Archaeology Labels

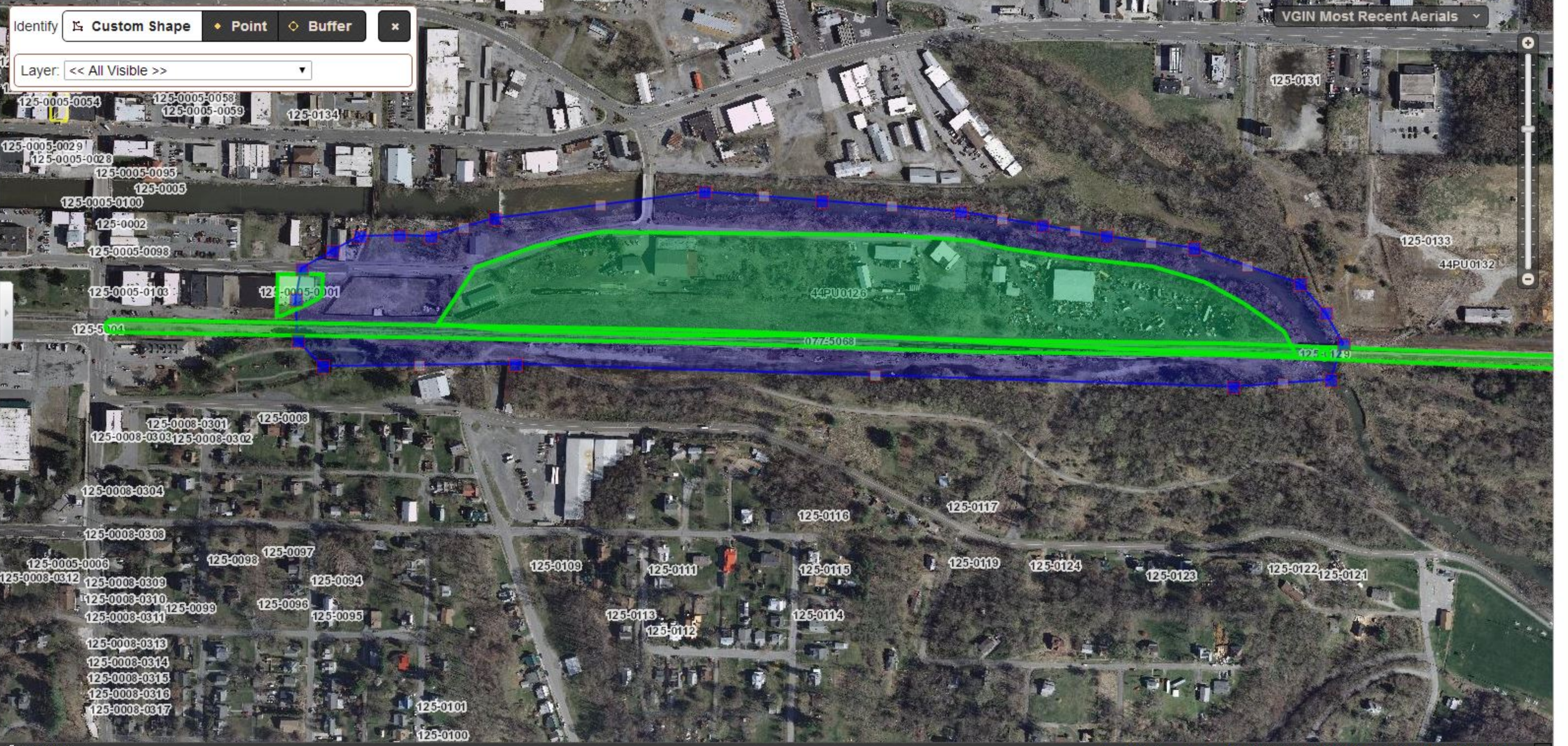
Tools Site Name

44PU0126  
Site Name: Pulaski Iron Iron Company Furnace

[more info...](#)

Tools Print Bookmarks Map Manager Help

Address: Search





**(1) Archaeology Labels**

**(5) Architecture Labels**

Tools Property Names

077-5068  
Property Names: Cripple Creek Extension (Historic), New River Trail State Park Historic District (Current), North Carolina Branch, Norfolk and Western Railway (Historic)  
[more info...](#)

125-0005-0001  
Property Names: Industrial Building, 92 First Street (Current)  
[more info...](#)

125-0005  
Property Names: Pulaski Commercial Historic District (Alternate Spelling), Pulaski Historic Commercial District (NRHP Listing)  
[more info...](#)

125-0008  
Property Names: Pulaski South Historic Residential and Industrial District (NRHP Listing), Pulaski South Residential and Industrial Historic District (Alternate Spelling)  
[more info...](#)

125-0129  
Property Names: Railroad Bridge, Peak Creek (Historic/Current)  
[more info...](#)

1 of 1 Per Page: 10

Identify Custom Shape Point Buffer

Layer: << All Visible >>

VGIN Most Recent Aerials

125-0005-0054 125-0005-0058 125-0005-0059 125-0134

125-0005-0029 125-0005-0028 125-0005-0095 125-0005 125-0005-0100 125-0002 125-0005-0098 125-0005-0103 125-0005-0001 44PU0126 125-0131 125-0133 44PU0132 125-004 077-5068 125-129

125-0008-0301 125-0008 125-0008-0303 125-0008-0302 125-0008-0304 125-0008-0308 125-0008-0303 125-0005-0006 125-0098 125-0097 125-0109 125-0111 125-0115 125-0119 125-0124 125-0123 125-0122 125-0121 125-0005-0006 125-0098 125-0097 125-0109 125-0111 125-0115 125-0119 125-0124 125-0123 125-0122 125-0121 125-0008-0312 125-0008-0309 125-0094 125-0008-0310 125-0099 125-0096 125-0095 125-0113 125-0112 125-0114 125-0101 125-0100

250 ft

Deg Min Sec ^ Lon (X): 80° 46' 27.64"W Lat (Y): 37° 02' 40.67"N

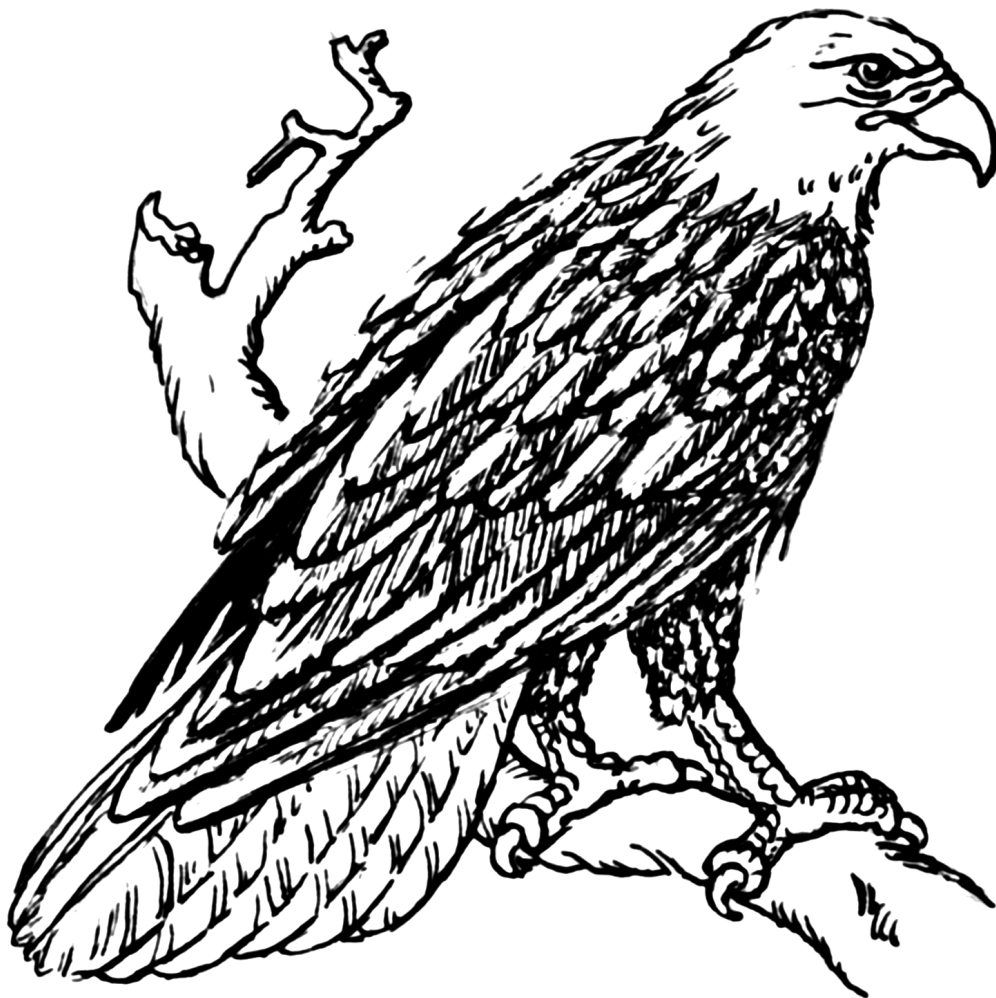


# Site 1- Pulaski

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## *IPaC Trust Resource Report*

Generated September 10, 2015 03:14 PM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

NAME

Site 1- Pulaski

PROJECT CODE

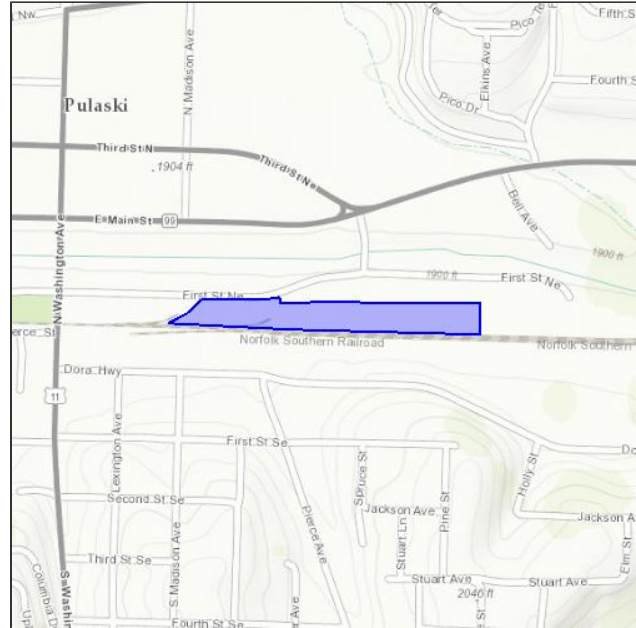
44NGY-U2MSZ-BT5E7-TIO2H-ZJH65E

LOCATION

Pulaski County, Virginia

DESCRIPTION

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

### Virginia Ecological Services Field Office

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

# Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

## Insects

**Mitchell's Satyr Butterfly** *Neonympha mitchellii mitchellii* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I00K>

## Mammals

**Indiana Bat** *Myotis sodalis* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A000>

**Northern Long-eared Bat** *Myotis septentrionalis* **Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0JE>

**Virginia Big-eared Bat** *Corynorhinus (=Plecotus) townsendii virginianus* **Endangered**

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A080>

## Snails

**Virginia Fringed Mountain Snail** *Polygyriscus virginianus* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=G00Z>

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area



# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

<p><b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B008">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B008</a></p>	<b>Bird of conservation concern</b>
<p><b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0H1">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0H1</a></p>	<b>Bird of conservation concern</b>
<p><b>Blue-winged Warbler</b> <i>Vermivora pinus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Canada Warbler</b> <i>Wilsonia canadensis</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Fox Sparrow</b> <i>Passerella iliaca</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Golden-winged Warbler</b> <i>Vermivora chrysoptera</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4</a></p>	<b>Bird of conservation concern</b>
<p><b>Henslow's Sparrow</b> <i>Ammodramus henslowii</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B09D">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B09D</a></p>	<b>Bird of conservation concern</b>
<p><b>Kentucky Warbler</b> <i>Oporornis formosus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Loggerhead Shrike</b> <i>Lanius ludovicianus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY</a></p>	<b>Bird of conservation concern</b>
<p><b>Louisiana Waterthrush</b> <i>Parkesia motacilla</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Pied-billed Grebe</b> <i>Podilymbus podiceps</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Prairie Warbler</b> <i>Dendroica discolor</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Red-headed Woodpecker</b> <i>Melanerpes erythrocephalus</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering</p>	<b>Bird of conservation concern</b>

**Wood Thrush** *Hylocichla mustelina*

Season: Breeding

**Bird of conservation concern**

**Worm Eating Warbler** *Helmintheros vermivorum*

Season: Breeding

**Bird of conservation concern**

**Yellow-bellied Sapsucker** *sphyrapicus varius*

Season: Breeding

**Bird of conservation concern**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FR>

## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

There are no wetlands identified in this project area

### F3 SITE 2: NORTH RANDOLPH PARK – PHASE 1 SCORING



Site Capacity and Flexibility					
Criteria	Prox. Rail	Prox. CoSS	Space	Frontage	Available
Measure	0.15 miles	1.0 mile	10.47 acres	1,260 feet	3 parcels   2 owners
Score	3	5	10	10	5

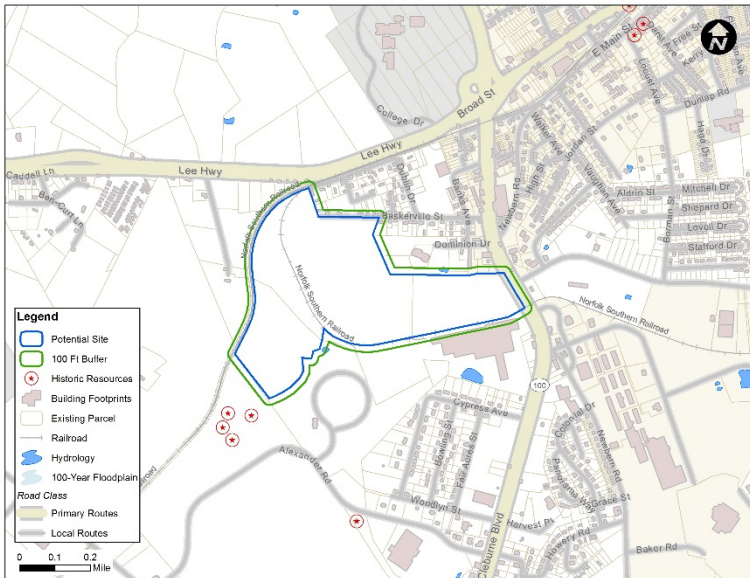
Environment								
Criteria	Displace	Flood	Birds	Species	Historic	Open	Ag. Dist.	Hazard
Measure	none	0%	17	med/high	0	no	no	no
Score	3	10	2.65	3	3	3	3	5

Land Use and Accessibility							
Criteria	Comp.	Transit	Bike/ped	Water	Sewer	Power	Internet
Measure	no	¼ mile	planned	yes	yes	yes	yes
Score	10	7	3	3	3	3	3

Activity Centers			
Criteria	Population   15 miles	Employment   15 miles	Combination   15 miles
Measure	98,478	21,958	120,436
Score	NA	NA	16.05

Site Feasibility	
Criteria	Percentage of site prime for construction
Measure	95%
Score	9.50

Site 2: North Randolph Park – Summary			
Low Score	High Score	Score Ranking	Site Score
0	139.09	4th	123.20





No Results

Identify Custom Shape Point Buffer x  
Layer: << All Visible >>

VGIN Most Recent Aerials

44PU0094 44PU0100  
44PU0098  
44PU0099

500 ft

Deg Min Sec ^ Lon (X): 80° 42' 10.64\"W Lat (Y): 37° 05' 36.68\"N



# Site 2- Dublin

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## *IPaC Trust Resource Report*

Generated September 10, 2015 03:08 PM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

**NAME**

Site 2- Dublin

**PROJECT CODE**

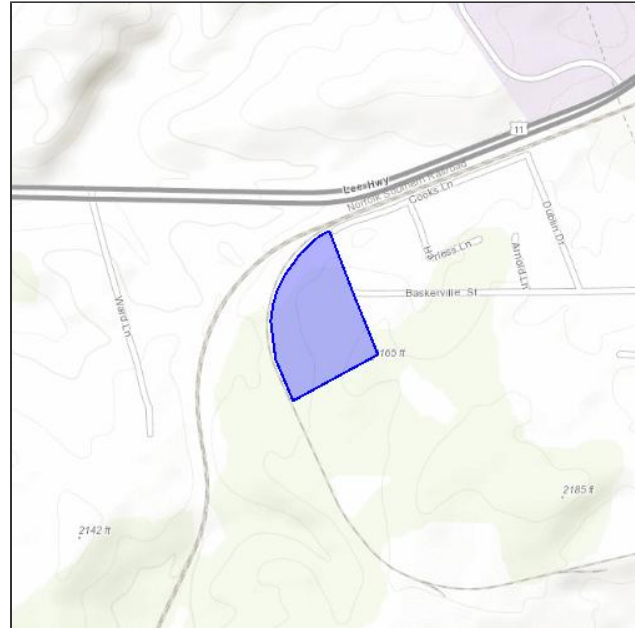
WZNHS-KXKSF-HTBDS-JVGAO-CCZBPE

**LOCATION**

Pulaski County, Virginia

**DESCRIPTION**

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

**Virginia Ecological Services Field Office**

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

## Endangered Species

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A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

### Insects

**Mitchell's Satyr Butterfly** *Neonympha mitchellii mitchellii* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I00K>

### Mammals

**Indiana Bat** *Myotis sodalis* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A000>

**Northern Long-eared Bat** *Myotis septentrionalis* **Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0JE>

**Virginia Big-eared Bat** *Corynorhinus (=Plecotus) townsendii virginianus* **Endangered**

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A080>

### Snails

**Virginia Fringed Mountain Snail** *Polygyriscus virginianus* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=G00Z>

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

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<p><b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI</a></p>	<b>Bird of conservation concern</b>
<p><b>Blue-winged Warbler</b> <i>Vermivora pinus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Canada Warbler</b> <i>Wilsonia canadensis</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Fox Sparrow</b> <i>Passerella iliaca</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Golden-winged Warbler</b> <i>Vermivora chrysoptera</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4</a></p>	<b>Bird of conservation concern</b>
<p><b>Henslow's Sparrow</b> <i>Ammodramus henslowii</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B09D">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B09D</a></p>	<b>Bird of conservation concern</b>
<p><b>Kentucky Warbler</b> <i>Oporornis formosus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Loggerhead Shrike</b> <i>Lanius ludovicianus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY</a></p>	<b>Bird of conservation concern</b>
<p><b>Louisiana Waterthrush</b> <i>Parkesia motacilla</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Pied-billed Grebe</b> <i>Podilymbus podiceps</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Prairie Warbler</b> <i>Dendroica discolor</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
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<p><b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering</p>	<b>Bird of conservation concern</b>

**Wood Thrush** *Hylocichla mustelina*

Season: Breeding

**Bird of conservation concern**

**Worm Eating Warbler** *Helmintheros vermivorum*

Season: Breeding

**Bird of conservation concern**

**Yellow-bellied Sapsucker** *sphyrapicus varius*

Season: Breeding

**Bird of conservation concern**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FR>



## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

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## DATA LIMITATIONS

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## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

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There are no wetlands identified in this project area

# Site 2.2- Dublin

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## *IPaC Trust Resource Report*

Generated September 11, 2015 09:11 AM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

**NAME**

Site 2.2- Dublin

**PROJECT CODE**

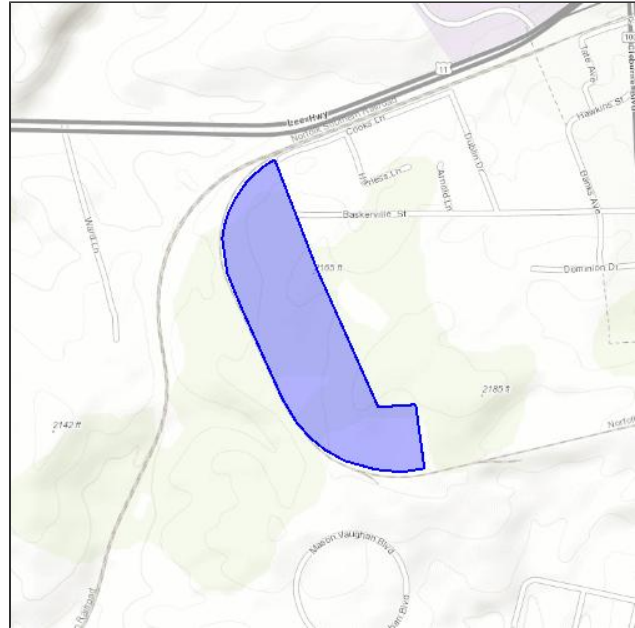
Z6UGL-UBKDB-AUTHJ-MUS2W-XN5TFA

**LOCATION**

Pulaski County, Virginia

**DESCRIPTION**

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

**Virginia Ecological Services Field Office**

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

# Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

## Insects

**Mitchell's Satyr Butterfly** *Neonympha mitchellii mitchellii* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I00K>

## Mammals

**Indiana Bat** *Myotis sodalis* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A000>

**Northern Long-eared Bat** *Myotis septentrionalis* **Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0JE>

**Virginia Big-eared Bat** *Corynorhinus (=Plecotus) townsendii virginianus* **Endangered**

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A080>

## Snails

**Virginia Fringed Mountain Snail** *Polygyriscus virginianus* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=G00Z>

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area



# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

<p><b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B008">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B008</a></p>	<b>Bird of conservation concern</b>
<p><b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI</a></p>	<b>Bird of conservation concern</b>
<p><b>Blue-winged Warbler</b> <i>Vermivora pinus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Canada Warbler</b> <i>Wilsonia canadensis</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Fox Sparrow</b> <i>Passerella iliaca</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Golden-winged Warbler</b> <i>Vermivora chrysoptera</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4</a></p>	<b>Bird of conservation concern</b>
<p><b>Henslow's Sparrow</b> <i>Ammodramus henslowii</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B09D">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B09D</a></p>	<b>Bird of conservation concern</b>
<p><b>Kentucky Warbler</b> <i>Oporornis formosus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Loggerhead Shrike</b> <i>Lanius ludovicianus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY</a></p>	<b>Bird of conservation concern</b>
<p><b>Louisiana Waterthrush</b> <i>Parkesia motacilla</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Pied-billed Grebe</b> <i>Podilymbus podiceps</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Prairie Warbler</b> <i>Dendroica discolor</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Red-headed Woodpecker</b> <i>Melanerpes erythrocephalus</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering</p>	<b>Bird of conservation concern</b>

**Wood Thrush** *Hylocichla mustelina*

Season: Breeding

**Bird of conservation concern**

**Worm Eating Warbler** *Helmintheros vermivorum*

Season: Breeding

**Bird of conservation concern**

**Yellow-bellied Sapsucker** *sphyrapicus varius*

Season: Breeding

**Bird of conservation concern**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FR>

## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

Refuge data is unavailable at this time.

# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

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Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

There are no wetlands identified in this project area

# Site 2.3- Dublin

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## *IPaC Trust Resource Report*

Generated September 11, 2015 09:13 AM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

**NAME**

Site 2.3- Dublin

**PROJECT CODE**

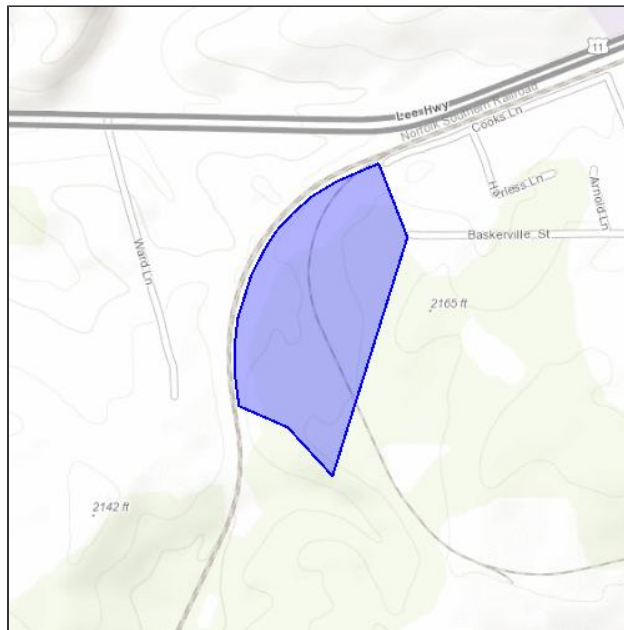
N2NEM-RN3PV-BTPEI-D44PX-6KMPNQ

**LOCATION**

Pulaski County, Virginia

**DESCRIPTION**

No description provided



## U.S. Fish & Wildlife Contact Information

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# Endangered Species

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## Insects

**Mitchell's Satyr Butterfly** *Neonympha mitchellii mitchellii* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I00K>

## Mammals

**Indiana Bat** *Myotis sodalis* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A000>

**Northern Long-eared Bat** *Myotis septentrionalis* **Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0JE>

**Virginia Big-eared Bat** *Corynorhinus (=Plecotus) townsendii virginianus* **Endangered**

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A080>

## Snails

**Virginia Fringed Mountain Snail** *Polygyriscus virginianus* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=G00Z>

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area



# Migratory Birds

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**Wood Thrush** *Hylocichla mustelina*

Season: Breeding

**Bird of conservation concern**

**Worm Eating Warbler** *Helminthos vermivorum*

Season: Breeding

**Bird of conservation concern**

**Yellow-bellied Sapsucker** *sphyrapicus varius*

Season: Breeding

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## Refuges

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Wetland data is unavailable at this time.

# F4 SITE 4A-E: WEST MAIN OPEN – PHASE 1 SCORING



Site Capacity and Flexibility					
Criteria	Prox. Rail	Prox. CoSS	Space	Frontage	Available
Measure	1.0 mile	2.5 miles	6.3 acres	1,021 feet	1 parcel   1 owner
Score	3	3.5	10	10	3

Environment								
Criteria	Displace	Flood	Birds	Species	Historic	Open	Ag. Dist.	Hazard
Measure	1 bus.	0%	17	0	0	no	no	no
Score	2	10	2.65	5	3	3	3	5

Land Use and Accessibility							
Criteria	Comp.	Transit	Bike/ped	Water	Sewer	Power	Internet
Measure	no	yes	yes	yes	yes	yes	yes
Score	10	10	5	3	3	3	3

Activity Centers			
Criteria	Population   15 miles	Employment   15 miles	Combination   15 miles
Measure	164,092	56,820	220,912
Score	NA	NA	29.44

Site Feasibility	
Criteria	Percentage of site prime for construction
Measure	95%
Score	9.50

Site 4A-E: West Main Open – Summary			
Low Score	High Score	Score Ranking	Site Score
0	139.09	1 <sup>st</sup>	139.09





No Results

Identify  Custom Shape  Point  Buffer

Layer: << All Visible >>



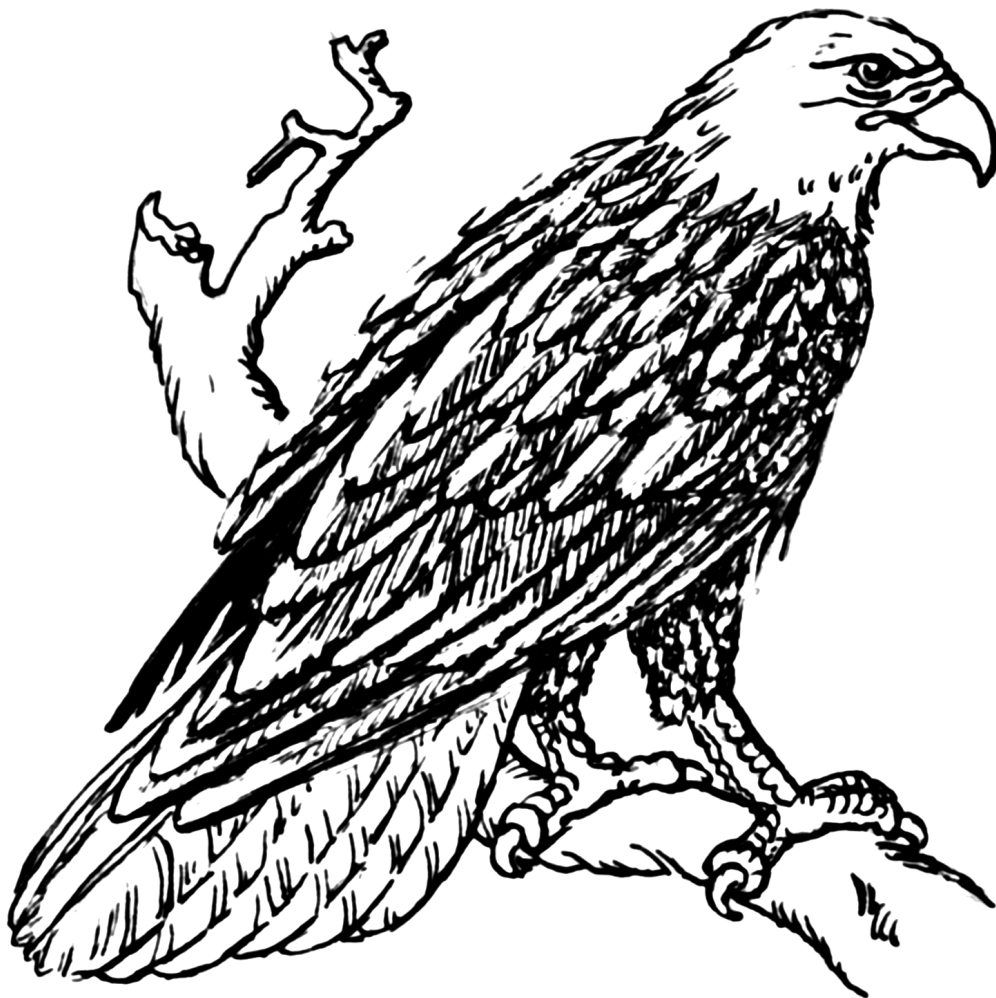


# Site 3- Radford

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## *IPaC Trust Resource Report*

Generated September 10, 2015 03:09 PM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

**NAME**

Site 3- Radford

**PROJECT CODE**

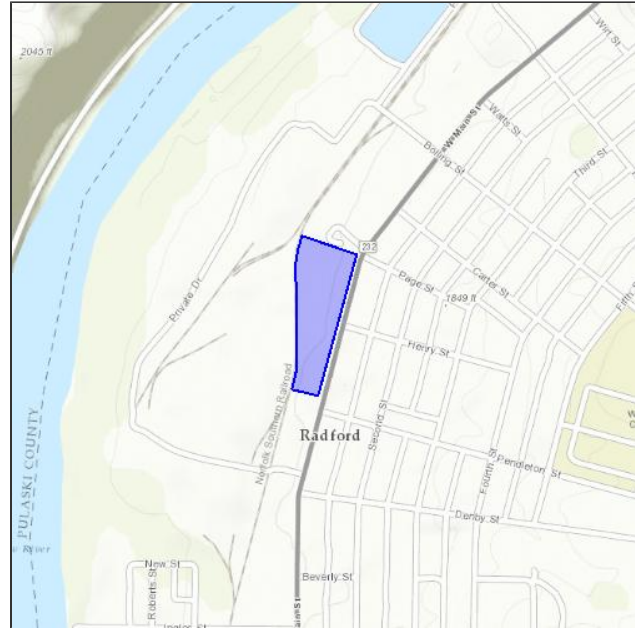
DGRSD-RXAOB-FDPIU-B4Q2Z-FQL5J4

**LOCATION**

Radford County, Virginia

**DESCRIPTION**

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

**Virginia Ecological Services Field Office**

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694



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A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

There are no endangered species identified for this project area

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

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<p><b>Henslow's Sparrow</b> <i>Ammodramus henslowii</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B09D">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B09D</a></p>	<b>Bird of conservation concern</b>
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**Wood Thrush** *Hylocichla mustelina*

Season: Breeding

**Bird of conservation concern**

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Season: Breeding

**Bird of conservation concern**

**Yellow-bellied Sapsucker** *sphyrapicus varius*

Season: Breeding

**Bird of conservation concern**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FR>



## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

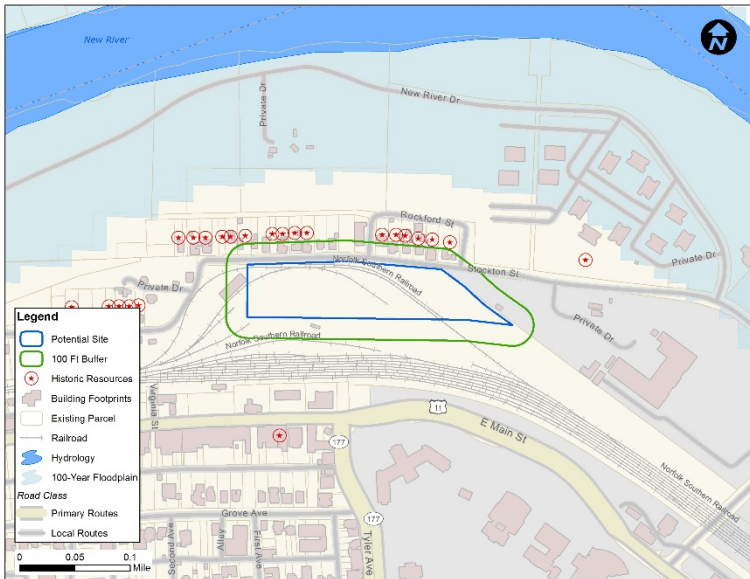
Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

There are no wetlands identified in this project area

# F5 SITE 5A-B: EAST MAIN, DOWNTOWN – PHASE 1 SCORING



Site Capacity and Flexibility								
Criteria	Prox. Rail	Prox. CoSS	Space	Frontage	Available			
Measure	0 miles	4.25 miles	11.29 acres	1,435 feet	1 parcel   1 owner			
Score	5	1.75	10	10	0: Remove			
Environment								
Criteria	Displace	Flood	Birds	Species	Historic	Open	Ag. Dist.	Hazard
Measure	1 bus.	0%	17	0	13	no	no	maybe
Score	1	10	2.65	5	0.5	3	3	3
Land Use and Accessibility								
Criteria	Comp.	Transit	Bike/ped	Water	Sewer	Power	Internet	
Measure	no	yes	planned	yes	yes	yes	yes	
Score	10	10	3	3	3	3	3	
Activity Centers								
Criteria	Population   15 miles	Employment   15 miles	Combination   15 miles					
Measure	168,278	56,848	225,126					
Score	NA	NA	30					
Site Feasibility								
Criteria	Percentage of site prime for construction							
Measure	85%							
Score	8.50							
Site 5A-B: East Main, Downtown – Summary								
Low Score	High Score	Score Ranking	Site Score					
0	139.09	T9 <sup>th</sup>	0					



**(16) Architecture Labels**

Tools Property Names

- 126-0084-0166  
Property Names: Block House (1012 Stockton Street) (Descriptive)  
[more info...](#)
- 126-0084-0156  
Property Names: Collins House (Historic)  
[more info...](#)
- 126-0084  
Property Names: East Radford Historic District (Current)  
[more info...](#)
- 126-0084-0163  
Property Names: Frame House (1044 Stockton Street) (Descriptive)  
[more info...](#)
- 126-0084-0162  
Property Names: Frame House (1048 Stockton Street) (Descriptive)  
[more info...](#)
- 126-0084-0174  
Property Names: Frame House (900 Stockton Street) (Descriptive)  
[more info...](#)

1 of 1 Per Page: 25

Identify Custom Shape Point Buffer

Layer: << All Visible >>

VGIN Most Recent Aerials

44MY0257

126-0084-0166  
126-0084-0167  
126-0084-0163  
126-0084-0162  
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126-0084-0179  
126-0084-0180  
126-0084-0151  
126-0084-0149  
126-0084-0179  
126-0084-0180  
126-0084

125 ft

Deg Min Sec ^ Lon (X): 80° 33' 24.44"W Lat (Y): 37° 08' 40.40"N



# Site 4- Radford

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## *IPaC Trust Resource Report*

Generated September 10, 2015 03:10 PM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

NAME

Site 4- Radford

PROJECT CODE

C7JN5-LBS3J-FSTKE-J5KJB-53I3RY

LOCATION

Radford County, Virginia

DESCRIPTION

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

### Virginia Ecological Services Field Office

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694



## Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

There are no endangered species identified for this project area

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

<p><b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B008">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B008</a></p>	<b>Bird of conservation concern</b>
<p><b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI</a></p>	<b>Bird of conservation concern</b>
<p><b>Blue-winged Warbler</b> <i>Vermivora pinus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Fox Sparrow</b> <i>Passerella iliaca</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Golden-winged Warbler</b> <i>Vermivora chrysoptera</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4</a></p>	<b>Bird of conservation concern</b>
<p><b>Henslow's Sparrow</b> <i>Ammodramus henslowii</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B09D">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B09D</a></p>	<b>Bird of conservation concern</b>
<p><b>Kentucky Warbler</b> <i>Oporornis formosus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Loggerhead Shrike</b> <i>Lanius ludovicianus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY</a></p>	<b>Bird of conservation concern</b>
<p><b>Louisiana Waterthrush</b> <i>Parkesia motacilla</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Pied-billed Grebe</b> <i>Podilymbus podiceps</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Prairie Warbler</b> <i>Dendroica discolor</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Red-headed Woodpecker</b> <i>Melanerpes erythrocephalus</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Wood Thrush</b> <i>Hylocichla mustelina</i> Season: Breeding</p>	<b>Bird of conservation concern</b>

**Worm Eating Warbler** *Helmitheros vermivorum*

Season: Breeding

**Bird of conservation concern**

**Yellow-bellied Sapsucker** *sphyrapicus varius*

Season: Breeding

**Bird of conservation concern**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FR>



## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

Refuge data is unavailable at this time.

# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

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## DATA EXCLUSIONS

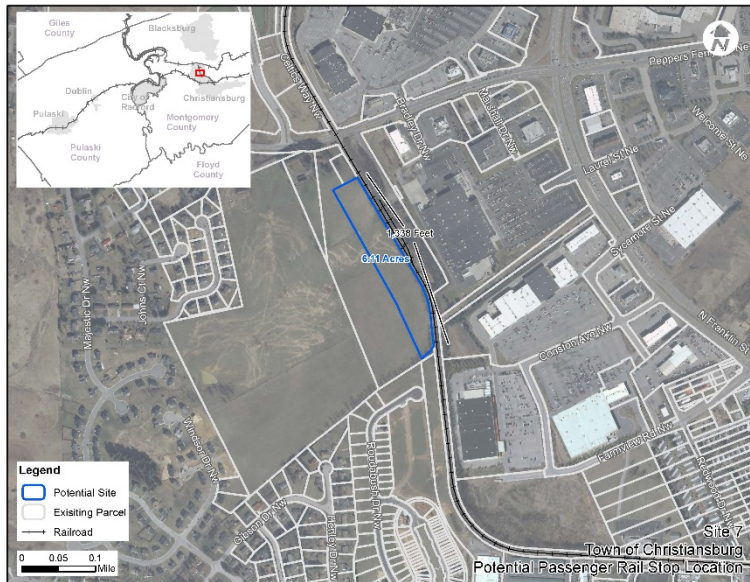
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## DATA PRECAUTIONS

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There are no wetlands identified in this project area

# F6 SITE 7: PEPPERS FERRY OPEN – PHASE 1 SCORING



Site Capacity and Flexibility								
Criteria	Prox. Rail	Prox. CoSS	Space	Frontage	Available			
Measure	2.75 miles	1.0 mile	6.11 acres	1,338 feet	4 parcels   1 owner			
Score	1	5	10	10	0: Remove			
Environment								
Criteria	Displace	Flood	Birds	Species	Historic	Open	Ag. Dist.	Hazard
Measure	none	0%	15	med	1	no	maybe	no
Score	3	10	3	3	2.75	3	3	5
Land Use and Accessibility								
Criteria	Comp.	Transit	Bike/ped	Water	Sewer	Power	Internet	
Measure	no	yes	yes	yes	yes	yes	yes	
Score	0	10	5	3	3	3	3	
Activity Centers								
Criteria	Population   15 miles	Employment   15 miles	Combination   15 miles					
Measure	157,914	49,147	207,061					
Score	NA	NA	27.59					
Site Feasibility								
Criteria	Percentage of site prime for construction							
Measure	95%							
Score	9.50							
Site 7: Peppers Ferry Open – Summary								
Low Score	High Score	Score Ranking	Site Score					
0	139.09	T9 <sup>th</sup>	0					



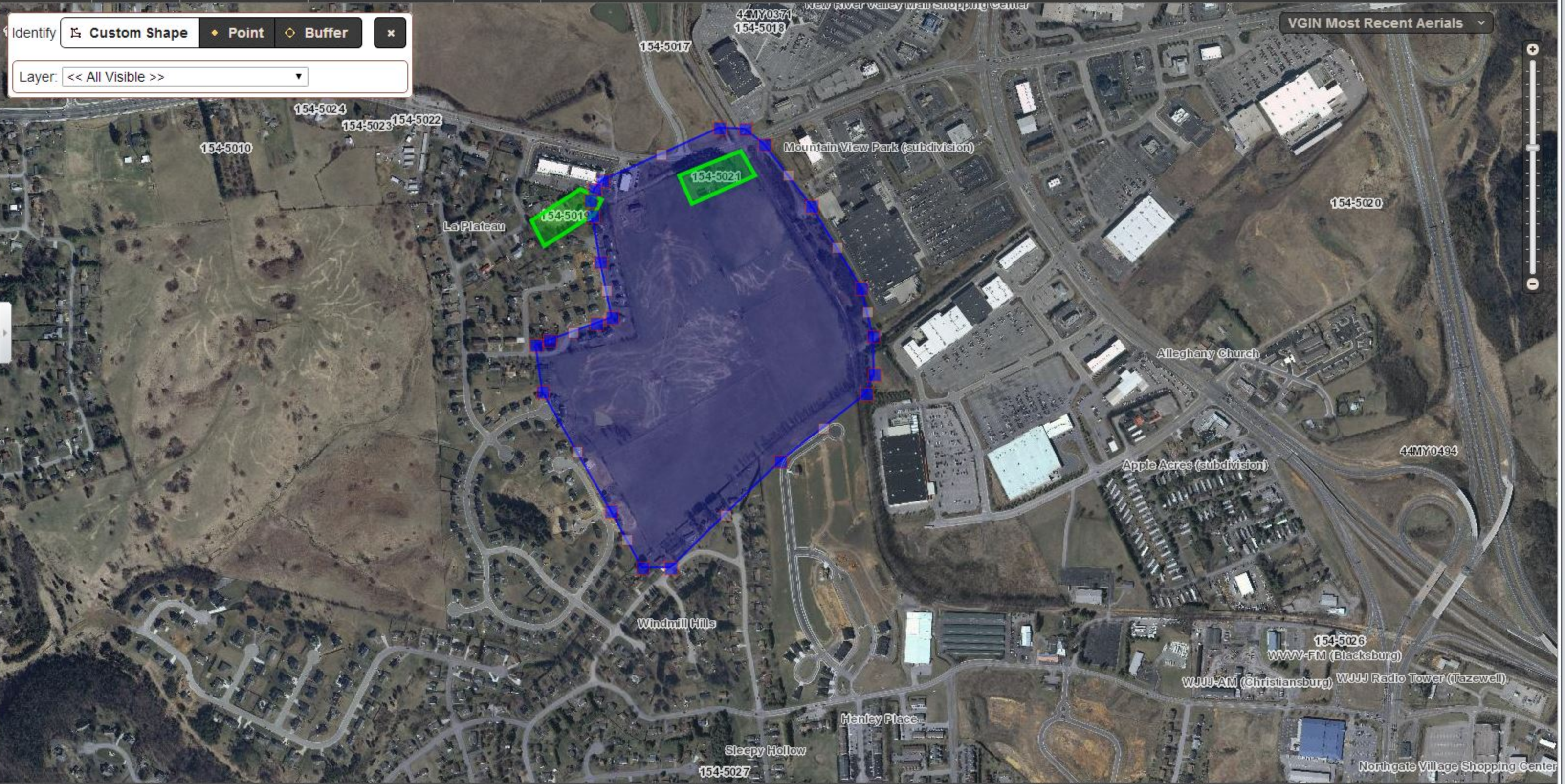
**Map Layers** **Results**

(2) Architecture Labels

Tools Property Names

154-5019  
Property Names: Frank Ridinger House, 450 Old Peppers Ferry Rd (Historic/Location)  
[more info...](#)

154-5021  
Property Names: House, 300 Peppers Ferry Road (Function/Location)  
[more info...](#)





# Site 5- Christiansburg

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## *IPaC Trust Resource Report*

Generated September 10, 2015 03:15 PM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

**NAME**

Site 5- Christiansburg

**PROJECT CODE**

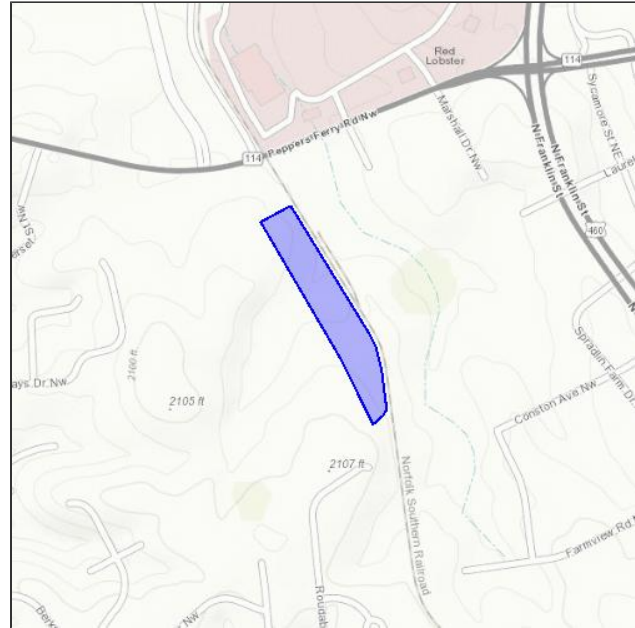
CXSEO-IPVSF-EYFO2-KVIOK-AUAMEA

**LOCATION**

Montgomery County, Virginia

**DESCRIPTION**

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

**Virginia Ecological Services Field Office**

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

## Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

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### Insects

**Mitchell's Satyr Butterfly** *Neonympha mitchellii mitchellii* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I00K>

### Mammals

**Indiana Bat** *Myotis sodalis* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A000>

**Northern Long-eared Bat** *Myotis septentrionalis* **Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0JE>

### Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area



# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

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<p><b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI</a></p>	<b>Bird of conservation concern</b>
<p><b>Blue-winged Warbler</b> <i>Vermivora pinus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Fox Sparrow</b> <i>Passerella iliaca</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Golden-winged Warbler</b> <i>Vermivora chrysoptera</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4</a></p>	<b>Bird of conservation concern</b>
<p><b>Kentucky Warbler</b> <i>Oporornis formosus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Loggerhead Shrike</b> <i>Lanius ludovicianus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY</a></p>	<b>Bird of conservation concern</b>
<p><b>Louisiana Waterthrush</b> <i>Parkesia motacilla</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Pied-billed Grebe</b> <i>Podilymbus podiceps</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Prairie Warbler</b> <i>Dendroica discolor</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Red-headed Woodpecker</b> <i>Melanerpes erythrocephalus</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Wood Thrush</b> <i>Hylocichla mustelina</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Worm Eating Warbler</b> <i>Helmitheros vermivorum</i> Season: Breeding</p>	<b>Bird of conservation concern</b>

**Yellow-bellied Sapsucker** *sphyrapicus varius*

**Bird of conservation concern**

Season: Breeding

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FR>

## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area



# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

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## DATA EXCLUSIONS

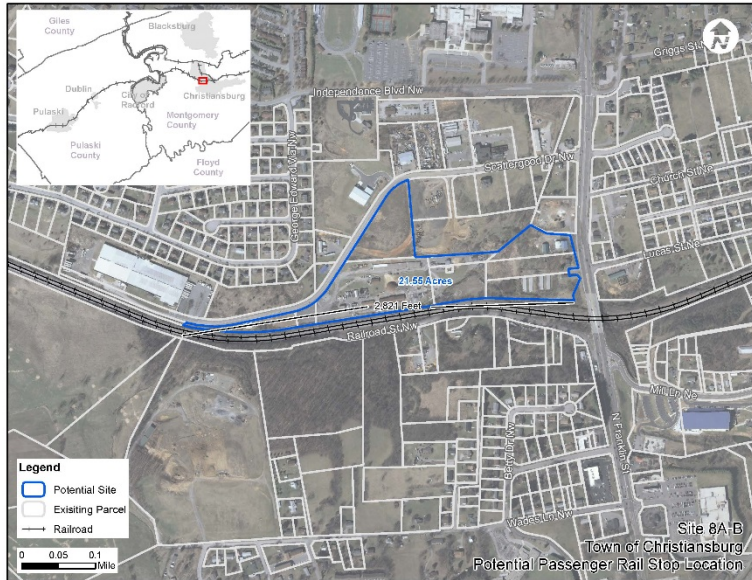
Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

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Wetland data is unavailable at this time.

# F7 SITE 8A-B: NORTH FRANKLIN WEST – PHASE 1 SCORING



Site Capacity and Flexibility					
Criteria	Prox. Rail	Prox. CoSS	Space	Frontage	Available
Measure	0 miles	1.0 mile	21.5 acres	2,821 feet	8 parcels   3 owners
Score	5	5	10	10	5

Environment								
Criteria	Displace	Flood	Birds	Species	Historic	Open	Ag. Dist.	Hazard
Measure	none	44%	15	med	1	no	no	no
Score	3	3	3	3	2.75	3	3	5

Land Use and Accessibility							
Criteria	Comp.	Transit	Bike/ped	Water	Sewer	Power	Internet
Measure	no	yes	yes	yes	yes	yes	yes
Score	10	10	5	3	3	3	3

Activity Centers			
Criteria	Population   15 miles	Employment   15 miles	Combination   15 miles
Measure	155,632	48,817	204,449
Score	NA	NA	27.24

Site Feasibility	
Criteria	Percentage of site prime for construction
Measure	75%
Score	7.50

Site 8A-B: North Franklin West – Summary			
Low Score	High Score	Score Ranking	Site Score
0	139.09	3 <sup>rd</sup>	132.49





(1) Archaeology Labels

Tools Site Name

44MY0351  
Site Name: null  
[less info...](#)

DHR\_ID: [44MY0351 \(View Details\)](#)  
ArchaeologySiteSurveyID: 31593  
Other Dhr IDs: null  
Site Name: null  
Site Types: Cemetery  
EvaluationStatus: null  
Shape.STArea(): 2278.828125  
Shape.STLength(): 180.20637529354735



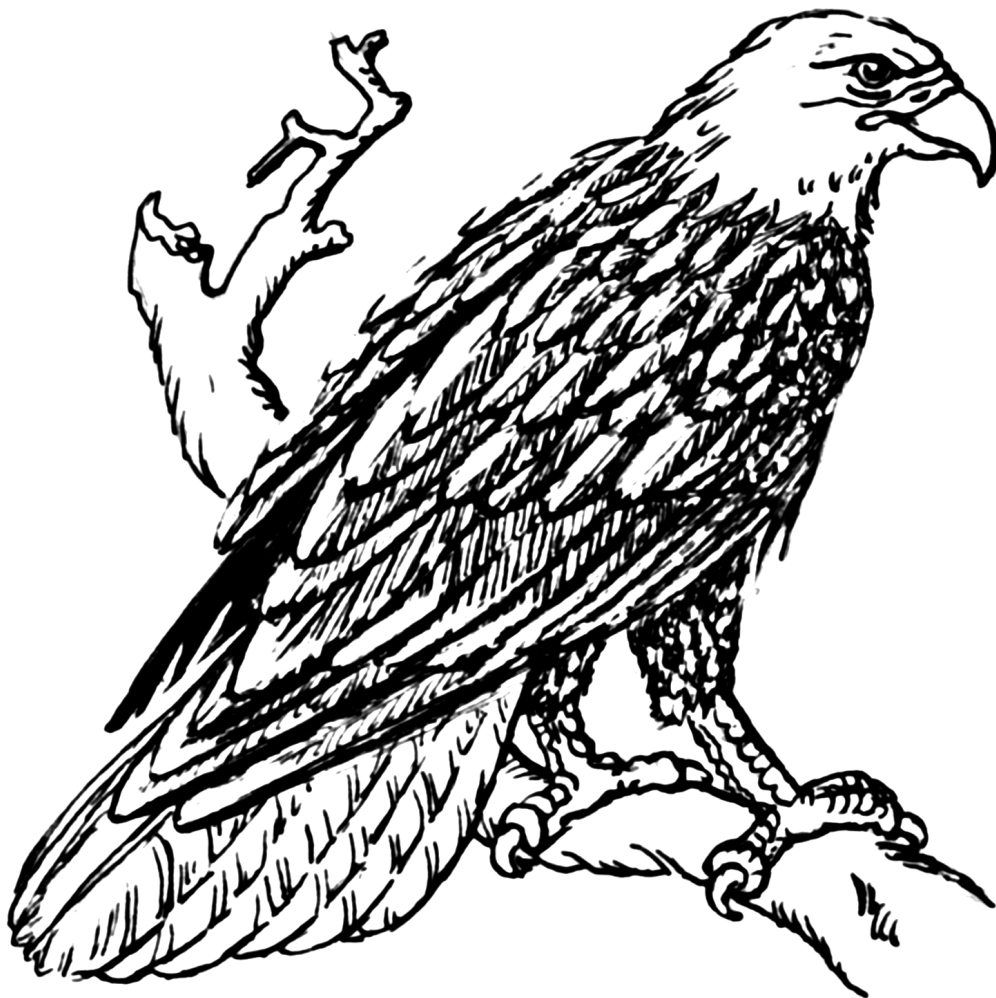


# Site 6- Christiansburg

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## *IPaC Trust Resource Report*

Generated September 10, 2015 03:13 PM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

**NAME**

Site 6- Christiansburg

**PROJECT CODE**

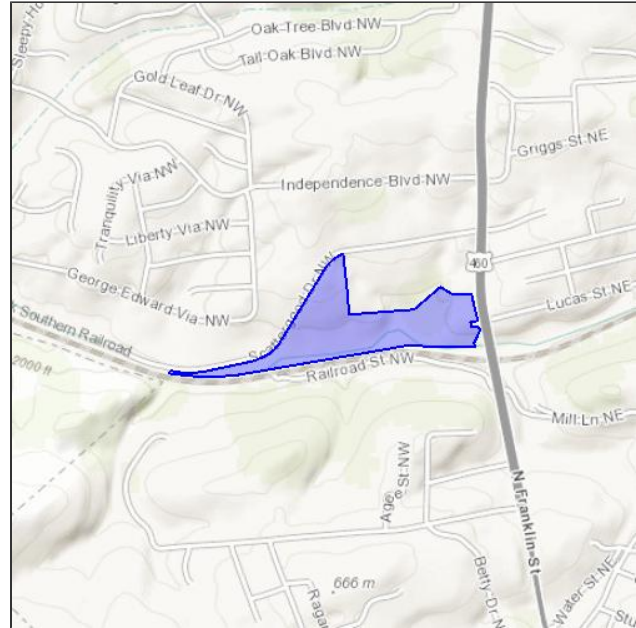
6VXMG-JKQKZ-CWJI2-AD7XL-KLLLJQ

**LOCATION**

Montgomery County, Virginia

**DESCRIPTION**

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

**Virginia Ecological Services Field Office**

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

## Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

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A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

### Insects

**Mitchell's Satyr Butterfly** *Neonympha mitchellii mitchellii* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I00K>

### Mammals

**Indiana Bat** *Myotis sodalis* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A000>

**Northern Long-eared Bat** *Myotis septentrionalis* **Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0JE>

### Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area



# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

<p><b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B008">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B008</a></p>	<b>Bird of conservation concern</b>
<p><b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI</a></p>	<b>Bird of conservation concern</b>
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<p><b>Kentucky Warbler</b> <i>Oporornis formosus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
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<p><b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Wood Thrush</b> <i>Hylocichla mustelina</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Worm Eating Warbler</b> <i>Helmitheros vermivorum</i> Season: Breeding</p>	<b>Bird of conservation concern</b>

**Yellow-bellied Sapsucker** *sphyrapicus varius*

**Bird of conservation concern**

Season: Breeding

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FR>

## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

Refuge data is unavailable at this time.



# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland data is unavailable at this time.



# Town of Christiansburg, Virginia 24073

100 East Main Street ~ Telephone 540-382-6128 ~ Fax 540-382-7338

September 10, 2015

ESTABLISHED  
NOVEMBER 10, 1792

INCORPORATED  
JANUARY 7, 1833

MAYOR  
D. MICHAEL BARBER

COUNCIL MEMBERS  
SAMUEL M. BISHOP  
R. CORD HALL  
STEVE HUPPERT  
HENRY SHOWALTER  
BRADFORD J. "BRAD" STIPES  
JAMES W. "JIM" VANHOOZIER

TOWN MANAGER  
BARRY D. HELMS

DIRECTOR OF  
FINANCE/TOWN TREASURER  
VALERIE L. TWEEDIE

CLERK OF COUNCIL  
MICHELE M. STIPES

TOWN ATTORNEY  
GUYNN & WADDELL, P.C.

Charles E Long  
940 NORTH FRANKLIN ST  
CHRISTIANSBURG VA 24073

RE: Rail Station Site Selection  
940 NORTH FRANKLIN ST; Parcel ID #003584


Dear Mr. Long:

The Town of Christiansburg, in association with the New River Valley Metropolitan Planning Organization (MPO), is attempting to bring rail service back to the New River Valley. The MPO is comprised of localities in and including Montgomery County, Pulaski County and the City of Radford. The MPO Technical Advisory Committee is currently evaluating 9 potential rail station sites in Radford, Dublin, Pulaski and the Town of Christiansburg and will eventually select one preferred rail station site to begin the final operations study by Amtrak. The Town of Christiansburg has 5 potential station sites under consideration, one of which includes your property referenced above.

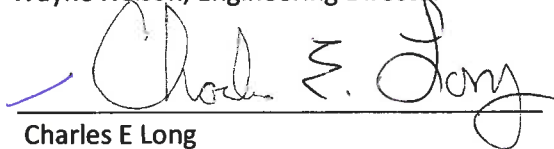
By signing below, you indicate your willingness for your property to be placed under further consideration as part of the MPO site evaluation process. This also indicates you understand this is not a firm commitment by you or the MPO but indicates only your willingness to allow the site evaluation process to continue. Should the site involving your property be selected, further discussion and negotiations would follow.

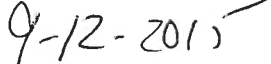
Should you have any further questions, please feel free to contact Randy Wingfield, Assistant Town Manager and MPO Representative, at 540-382-6128 ext. 1119. We will keep you informed when a final site location has been determined. On behalf of the Town of Christiansburg and the New River Valley MPO, we appreciate your cooperation in helping bring rail service back to the New River Valley.

Sincerely,

  
Barry D. Helms  
Town Manager  
Town of Christiansburg

cc: Randy Wingfield, Assistant Town Manager  
Wayne Nelson, Engineering Director

  
Charles E Long  
Signature

  
Date



ESTABLISHED  
NOVEMBER 10, 1792

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GUYNN & WADDELL, P.C.

# Town of Christiansburg, Virginia 24073

100 East Main Street ~ Telephone 540-382-6128 ~ Fax 540-382-7338

September 10, 2015

Kathy Kanode Stone  
1742 WHITE OAK LN  
CHRISTIANSBURG VA 24073

RE: Rail Station Site Selection  
850 NORTH FRANKLIN ST; Parcel ID #004908  
900 NORTH FRANKLIN ST; Parcel ID #010043

Dear Ms. Stone:

The Town of Christiansburg, in association with the New River Valley Metropolitan Planning Organization (MPO), is attempting to bring rail service back to the New River Valley. The MPO is comprised of localities in and including Montgomery County, Pulaski County and the City of Radford. The MPO Technical Advisory Committee is currently evaluating 9 potential rail station sites in Radford, Dublin, Pulaski and the Town of Christiansburg and will eventually select one preferred rail station site to begin the final operations study by Amtrak. The Town of Christiansburg has 5 potential station sites under consideration, one of which includes your properties referenced above.


By signing below, you indicate your willingness for your property to be placed under further consideration as part of the MPO site evaluation process. This also indicates you understand this is not a firm commitment by you or the MPO but indicates only your willingness to allow the site evaluation process to continue. Should the site involving your property be selected, further discussion and negotiations would follow.


Should you have any further questions, please feel free to contact Randy Wingfield, Assistant Town Manager and MPO Representative, at 540-382-6128 ext. 1119. We will keep you informed when a final site location has been determined. On behalf of the Town of Christiansburg and the New River Valley MPO, we appreciate your cooperation in helping bring rail service back to the New River Valley.

Sincerely,

  
Barry D. Helms  
Town Manager  
Town of Christiansburg

cc: Randy Wingfield, Assistant Town Manager  
Wayne Nelson, Engineering Director

  
Kathy Kanode Stone  
Signature

  
Date





ESTABLISHED  
NOVEMBER 10, 1792

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GUYNN & WADDELL, P.C.

# Town of Christiansburg, Virginia 24073

100 East Main Street ~ Telephone 540-382-6128 ~ Fax 540-382-7338

September 10, 2015

NRV Regional Water Authority  
3515 PEPPERS FERRY RD  
RADFORD VA 24141

RE: Rail Station Site Selection  
Parcel ID #070083

To Whom It May Concern:

The Town of Christiansburg, in association with the New River Valley Metropolitan Planning Organization (MPO), is attempting to bring rail service back to the New River Valley. The MPO is comprised of localities in and including Montgomery County, Pulaski County and the City of Radford. The MPO Technical Advisory Committee is currently evaluating 9 potential rail station sites in Radford, Dublin, Pulaski and the Town of Christiansburg and will eventually select one preferred rail station site to begin the final operations study by Amtrak. The Town of Christiansburg has 5 potential station sites under consideration, one of which includes your property referenced above.

By signing below, you indicate your willingness for your property to be placed under further consideration as part of the MPO site evaluation process. This also indicates you understand this is not a firm commitment by you or the MPO but indicates only your willingness to allow the site evaluation process to continue. Should the site involving your property be selected, further discussion and negotiations would follow.

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Sincerely,

Barry D. Helms  
Town Manager  
Town of Christiansburg

cc: Randy Wingfield, Assistant Town Manager  
Wayne Nelson, Engineering Director

NRV Regional Water Authority  
Signature

09/11/2015

Date



ESTABLISHED  
NOVEMBER 10, 1792

INCORPORATED  
JANUARY 7, 1833

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# Town of Christiansburg, Virginia 24073

100 East Main Street ~ Telephone 540-382-6128 ~ Fax 540-382-7338

September 15, 2015

New River Valley Planning District Commission  
C/O Elijah N. Sharp, Director of Planning & Programs  
6580 Valley Center Drive, Suite 124  
Radford, VA 24141

RE: Rail Station Site Selection

Parcel ID #033384, Parcel ID #070354, Parcel ID #071283, Parcel ID #030261,  
Parcel ID #032114, Parcel ID #180276 and Parcel ID #033539

Dear Eli,

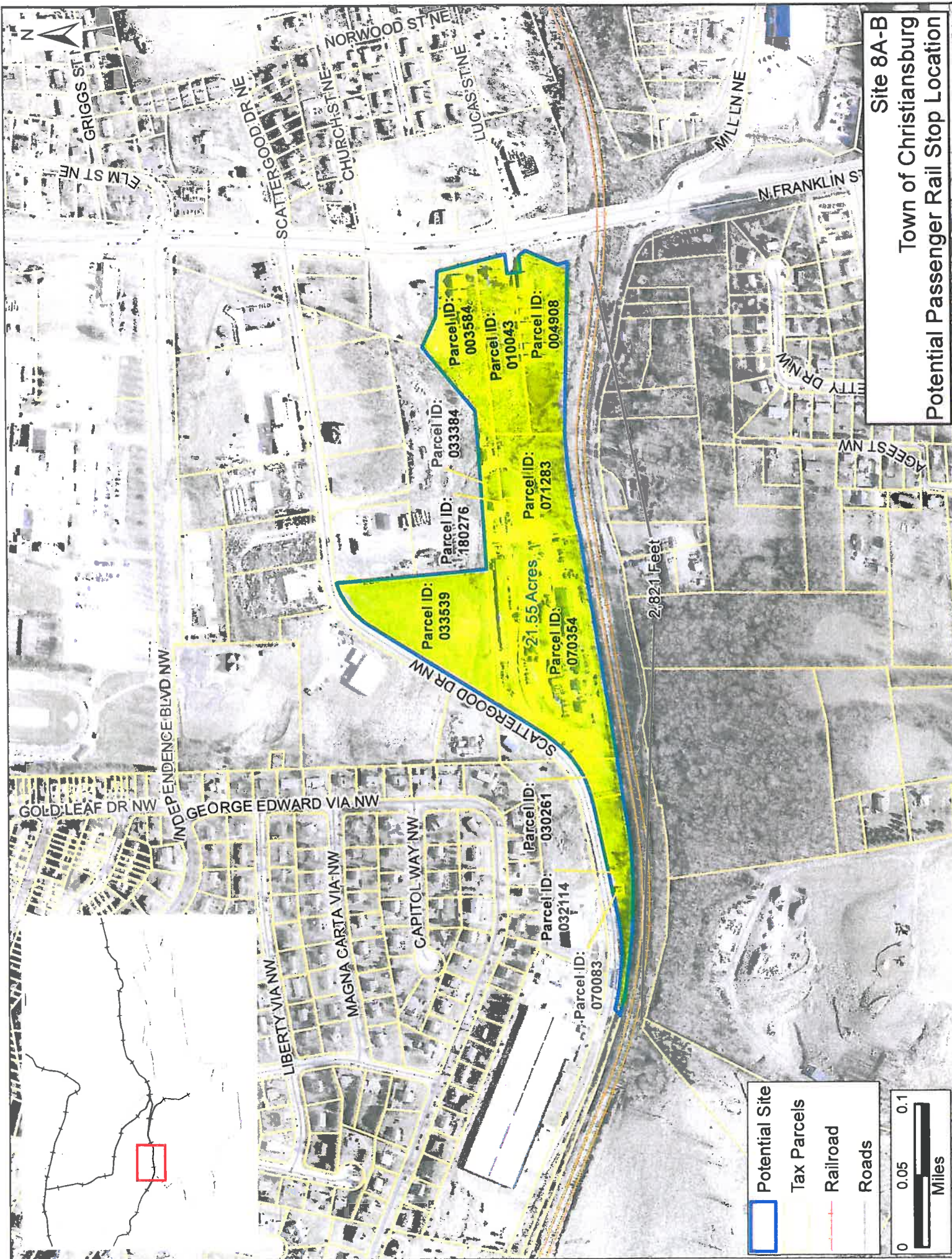
By my signature below and on behalf of the Christiansburg Town Council, I indicate the Town of Christiansburg's willingness for our properties indicated above to be placed under further consideration as part of the MPO site evaluation process. This also indicates our understanding this is not a firm commitment by us or the MPO but indicates only our willingness to allow the site evaluation process to continue. Should the site involving our property be selected, I understand further discussion and negotiations would follow.

Sincerely,





  
Barry D. Helms  
Town Manager  
Town of Christiansburg

cc: Randy Wingfield, Assistant Town Manager  
Wayne Nelson, Engineering Director





**Site 8A-B**  
**Town of Christiansburg**  
**Potential Passenger Rail Stop Location**

	Potential Site
	Tax Parcels
	Railroad
	Roads

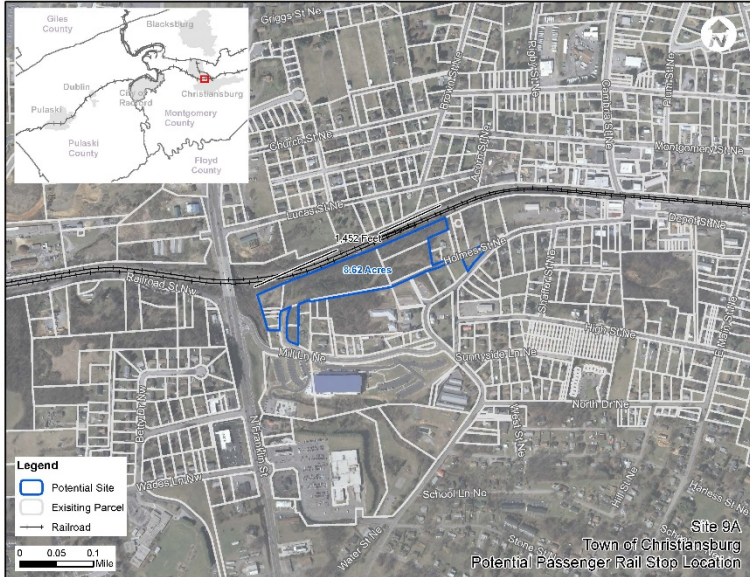


Map labels include:  
 GRIGGS ST, ELM ST NE, SCATTERGOOD DR NE, NORWOOD ST NE, CHURCH ST NE, LUCAS ST NE, MILL LN NE, N FRANKLIN ST, AGE ST NW, LIBERTY DR NW, GOLD LEAF DR NW, INDEPENDENCE BLVD NW, GEORGE EDWARD VIA NW, LIBERTY VIA NW, MAGNA CARTA VIA NW, CAPITOL WAY NW, SCATTERGOOD DR NW, 21.55 Acres, 2,821 Feet.

Parcel IDs shown on the map:  
 033539, 180276, 033384, 003584, 010043, 004908, 071283, 070354, 030261, 032114, 070083.



# F8 SITE 9A: NORTH FRANKLIN EAST – PHASE 1 SCORING



Site Capacity and Flexibility					
Criteria	Prox. Rail	Prox. CoSS	Space	Frontage	Available
Measure	0 miles	1.0 mile	8.6 acres	1,248 feet	5 parcels   3 owners
Score	5	5	10	10	5

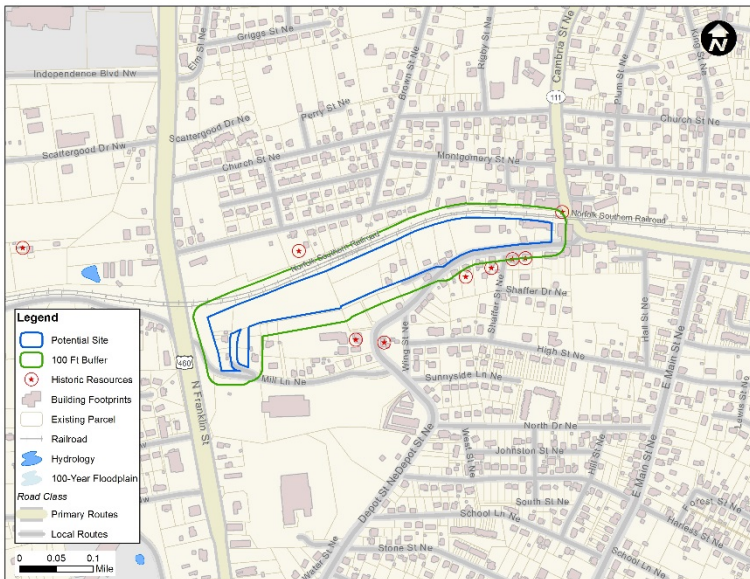
Environment								
Criteria	Displace	Flood	Birds	Species	Historic	Open	Ag. Dist.	Hazard
Measure	1 res.	<1%	15	med	2	no	no	no
Score	2	7	3	3	2.5	3	3	5

Land Use and Accessibility							
Criteria	Comp.	Transit	Bike/ped	Water	Sewer	Power	Internet
Measure	yes	yes	yes	yes	yes	yes	yes
Score	7	10	5	3	3	3	3

Activity Centers			
Criteria	Population   15 miles	Employment   15 miles	Combination   15 miles
Measure	155,259	48,109	203,368
Score	NA	NA	27.10

Site Feasibility	
Criteria	Percentage of site prime for construction
Measure	85%
Score	8.50

Site 9A: North Franklin East – Summary			
Low Score	High Score	Score Ranking	Site Score
0	139.09	2 <sup>nd</sup>	133.10





(7) Architecture Labels

Tools Property Names

- 154-0048  
Property Names: Cambria Historic District (Descriptive)  
[more info...](#)
- 154-0052  
Property Names: House, 210 Lucas Street (Function/Location)  
[more info...](#)
- 154-0048-0040  
Property Names: House, 515 Depot Street (Function/Location)  
[more info...](#)
- 154-0048-0038  
Property Names: House, 535 Depot Street (Function/Location)  
[more info...](#)
- 154-0048-0037  
Property Names: House, 555 Depot Street (Function/Location)  
[more info...](#)
- 154-0048-0036  
Property Names: House, 565 Depot Street (Function/Location)  
[more info...](#)

1 of 1 Per Page: 10

Identify Custom Shape Point Buffer

Layer: << All Visible >>

VGIN Most Recent Aerials

250 ft

Lon (X): 80° 24' 26.29"W Lat (Y): 37° 08' 30.76"N



# Site 7- Christiansburg

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## *IPaC Trust Resource Report*

Generated September 10, 2015 03:16 PM MDT





US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

**NAME**

Site 7- Christiansburg

**PROJECT CODE**

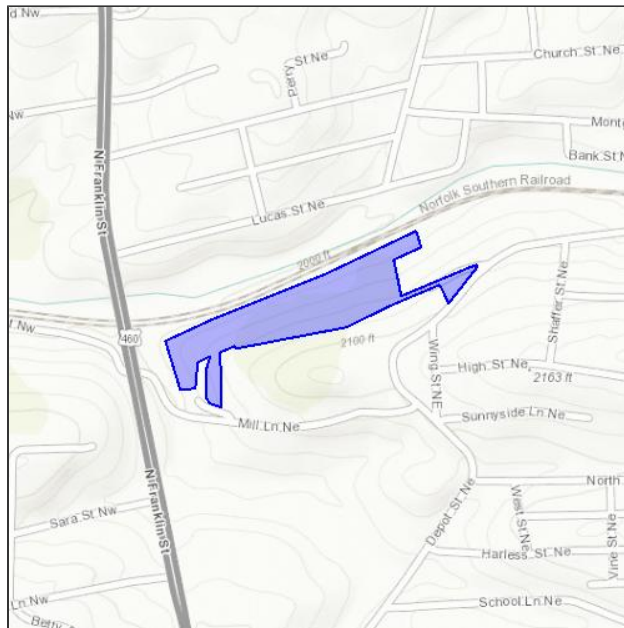
2SF3S-W3OQR-CKXPC-2BFIC-ZYDMNY

**LOCATION**

Montgomery County, Virginia

**DESCRIPTION**

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

**Virginia Ecological Services Field Office**

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

## Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

### Insects

**Mitchell's Satyr Butterfly** *Neonympha mitchellii mitchellii* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I00K>

### Mammals

**Indiana Bat** *Myotis sodalis* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A000>

**Northern Long-eared Bat** *Myotis septentrionalis* **Threatened**

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**No critical habitat** has been designated for this species.

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### Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

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<p><b>Golden-winged Warbler</b> <i>Vermivora chrysoptera</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4</a></p>	<b>Bird of conservation concern</b>
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**Yellow-bellied Sapsucker** *sphyrapicus varius*

**Bird of conservation concern**

Season: Breeding

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## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

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The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland data is unavailable at this time.





ESTABLISHED  
NOVEMBER 10, 1792

INCORPORATED  
JANUARY 7, 1833

MAYOR  
D. MICHAEL BARBER

COUNCIL MEMBERS  
SAMUEL M. BISHOP  
R. CORD HALL  
STEVE HUPPERT  
HENRY SHOWALTER  
BRADFORD J. "BRAD" STIPES  
JAMES W. "JIM" VANHOOZIER

TOWN MANAGER  
BARRY D. HELMS

DIRECTOR OF  
FINANCE/TOWN TREASURER  
VALERIE L. TWEEDIE

CLERK OF COUNCIL  
MICHELE M. STIPES

TOWN ATTORNEY  
GUYNN & WADDELL, P.C.

# Town of Christiansburg, Virginia 24073

100 East Main Street ~ Telephone 540-382-6128 ~ Fax 540-382-7338

September 10, 2015

Mary Epperly  
10 MILL LN  
CHRISTIANSBURG VA 24073

RE: Parcel ID #021975, Parcel ID #006096, Parcel ID #006095, Parcel ID #006094 and  
10 MILL LN; Parcel ID #006093

Dear. Ms. Epperly:

The Town of Christiansburg, in association with the New River Valley Metropolitan Planning Organization (MPO), is attempting to bring rail service back to the New River Valley. The MPO is comprised of localities in and including Montgomery County, Pulaski County and the City of Radford. The MPO Technical Advisory Committee is currently evaluating 9 potential rail station sites in Radford, Dublin, Pulaski and the Town of Christiansburg and will eventually select one preferred rail station site to begin the final operations study by Amtrak. The Town of Christiansburg has 5 potential station sites under consideration, one of which includes your properties referenced above.

By signing below, you indicate your willingness for your property to be placed under further consideration as part of the MPO site evaluation process. This also indicates you understand this is not a firm commitment by you or the MPO but indicates only your willingness to allow the site evaluation process to continue. Should the site involving your property be selected, further discussion and negotiations would follow.

Should you have any further questions, please feel free to contact Randy Wingfield, Assistant Town Manager and MPO Representative, at 540-382-6128 ext. 1119. We will keep you informed when a final site location has been determined. On behalf of the Town of Christiansburg and the New River Valley MPO, we appreciate your cooperation in helping bring rail service back to the New River Valley.

Sincerely,

Barry D. Helms  
Town Manager  
Town of Christiansburg

cc: Randy Wingfield, Assistant Town Manager  
Wayne Nelson, Engineering Director

\_\_\_\_\_  
Mary Epperly  
Signature

Sandra E. Shouse (POA)

\_\_\_\_\_  
Date



ESTABLISHED  
NOVEMBER 10, 1792

INCORPORATED  
JANUARY 7, 1833

MAYOR  
D. MICHAEL BARBER

COUNCIL MEMBERS  
SAMUEL M. BISHOP  
R. CORD HALL  
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BRADFORD J. "BRAD" STIPES  
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CLERK OF COUNCIL  
MICHELE M. STIPES

TOWN ATTORNEY  
GUINN & WADDELL P.C.

# Town of Christiansburg, Virginia 24073

100 East Main Street ~ Telephone 540-382-6128 ~ Fax 540-382-7338

September 10, 2015

Community Housing Partners Corporation  
448 DEPOT ST NE  
CHRISTIANSBURG VA 24073

RE: Rail Station Site Selection  
Parcel ID #030256, Parcel ID #017062, Parcel ID #031098 and Parcel ID #031097

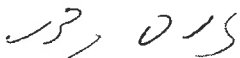
To Whom It May Concern:

The Town of Christiansburg, in association with the New River Valley Metropolitan Planning Organization (MPO), is attempting to bring rail service back to the New River Valley. The MPO is comprised of localities in and including Montgomery County, Pulaski County and the City of Radford. The MPO Technical Advisory Committee is currently evaluating 9 potential rail station sites in Radford, Dublin, Pulaski and the Town of Christiansburg and will eventually select one preferred rail station site to begin the final operations study by Amtrak. The Town of Christiansburg has 5 potential station sites under consideration, one of which includes your properties referenced above.

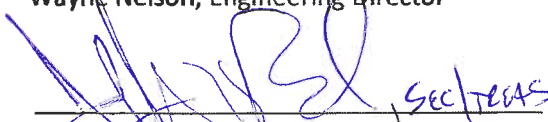
By signing below, you indicate your willingness for your property to be placed under further consideration as part of the MPO site evaluation process. This also indicates you understand this is not a firm commitment by you or the MPO but indicates only your willingness to allow the site evaluation process to continue. Should the site involving your property be selected, further discussion and negotiations would follow.


Should you have any further questions, please feel free to contact Randy Wingfield, Assistant Town Manager and MPO Representative, at 540-382-6128 ext. 1119. We will keep you informed when a final site location has been determined. On behalf of the Town of Christiansburg and the New River Valley MPO, we appreciate your cooperation in helping bring rail service back to the New River Valley.

Sincerely,

  
Barry D. Helms  
Town Manager  
Town of Christiansburg

cc: Randy Wingfield, Assistant Town Manager  
Wayne Nelson, Engineering Director

  
Community Housing Partners Corporation  
Signature

  
Date



ESTABLISHED  
NOVEMBER 10, 1792

INCORPORATED  
JANUARY 7, 1833

MAYOR  
D. MICHAEL BARBER

COUNCIL MEMBERS  
SAMUEL M. BISHOP  
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TOWN MANAGER  
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CLERK OF COUNCIL  
MICHELE M. STIPES

TOWN ATTORNEY  
GUYNN & WADDELL, P.C.

# Town of Christiansburg, Virginia 24073

100 East Main Street ~ Telephone 540-382-6128 ~ Fax 540-382-7338

September 10, 2015

Benny Hagy Jr  
45 JAMES ST  
CHRISTIANSBURG VA 24073

RE: Rail Station Site Selection  
490 DEPOT ST; Parcel ID #020705


Dear Mr. Hagy:

The Town of Christiansburg, in association with the New River Valley Metropolitan Planning Organization (MPO), is attempting to bring rail service back to the New River Valley. The MPO is comprised of localities in and including Montgomery County, Pulaski County and the City of Radford. The MPO Technical Advisory Committee is currently evaluating 9 potential rail station sites in Radford, Dublin, Pulaski and the Town of Christiansburg and will eventually select one preferred rail station site to begin the final operations study by Amtrak. The Town of Christiansburg has 5 potential station sites under consideration, one of which includes your property referenced above.

By signing below, you indicate your willingness for your property to be placed under further consideration as part of the MPO site evaluation process. This also indicates you understand this is not a firm commitment by you or the MPO but indicates only your willingness to allow the site evaluation process to continue. Should the site involving your property be selected, further discussion and negotiations would follow.

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Sincerely,

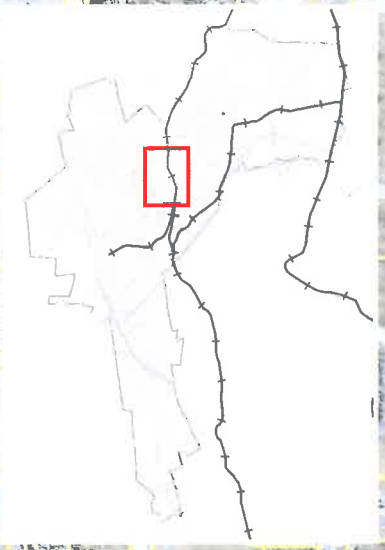
  
Barry D. Helms  
Town Manager  
Town of Christiansburg

cc: Randy Wingfield, Assistant Town Manager  
Wayne Nelson, Engineering Director

  
Benny Hagy Jr  
Signature

9/10/15  
Date





0 0.05 0.1  
Miles

Potential Site  
Tax Parcels  
Railroad

Parcel ID: 021975  
Parcel ID: 006096  
Parcel ID: 006095  
Parcel ID: 006093  
Parcel ID: 006094

Parcel ID: 017062  
Parcel ID: 030256  
Parcel ID: 030256  
Parcel ID: 031098  
Parcel ID: 031097  
Parcel ID: 020705

1,452 Feet

Street Right-of-Way

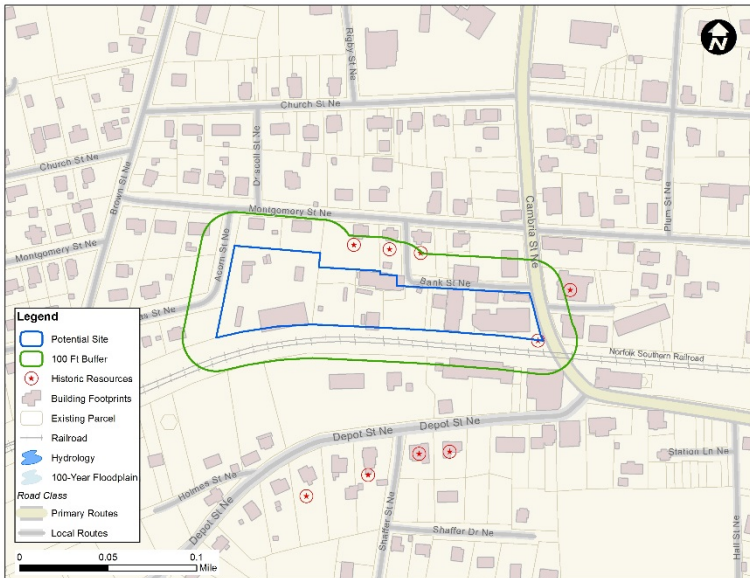
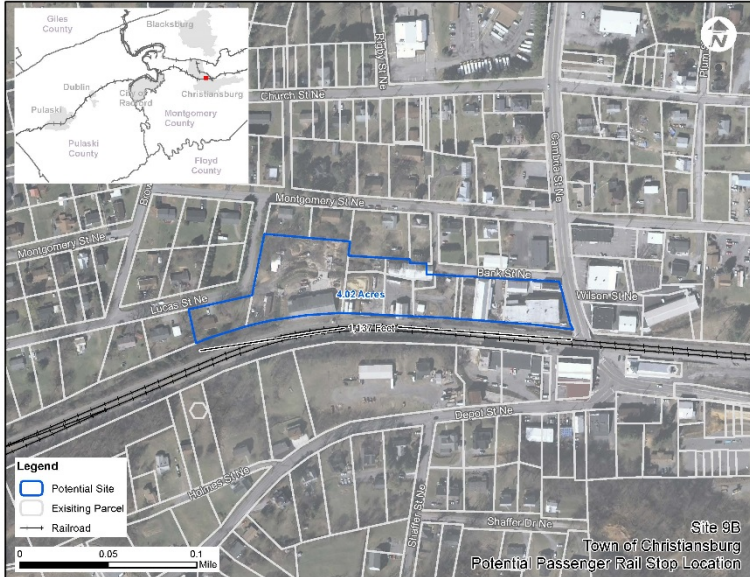
8.62 Acres

Site 9A  
Town of Christiansburg  
Potential Passenger Rail Stop Location





# F9 SITE 9B: CAMBRIA VACANT BUSINESS – PHASE 1 SCORING



Site Capacity and Flexibility					
Criteria	Prox. Rail	Prox. CoSS	Space	Frontage	Available
Measure	0 miles	1.25 miles	4.02 acres	1,137 feet	14 parcels   6 owners
Score	5	4.75	8.04	10	0

Environment								
Criteria	Displace	Flood	Birds	Species	Historic	Open	Ag. Dist.	Hazard
Measure	>1 bus.	>50%	15	med	5	no	no	high
Score	1	0	3	3	1.75	3	3	1

Land Use and Accessibility							
Criteria	Comp.	Transit	Bike/ped	Water	Sewer	Power	Internet
Measure	yes	go any	yes	yes	yes	yes	yes
Score	7	7	5	3	3	3	3

Activity Centers			
Criteria	Population   15 miles	Employment   15 miles	Combination   15 miles
Measure	157,047	47,925	204,972
Score	NA	NA	27.31

Site Feasibility	
Criteria	Percentage of site prime for construction
Measure	85%
Score	8.50

Site 9B: Cambria Vacant Business – Summary			
Low Score	High Score	Score Ranking	Site Score
0	139.09	6 <sup>th</sup>	110.35



(6) Architecture Labels

Tools | Property Names

- 154-0048-0006  
Property Names: Auto Dealership and Garage, 930 Cambria Street (Function/Location)  
[more info...](#)
- 154-5001  
Property Names: Bridge #1802, Route 111, Crab Creek (Function/Location)  
[more info...](#)
- 154-0048  
Property Names: Cambria Historic District (Descriptive)  
[more info...](#)
- 154-0048-0029  
Property Names: House, 515 Montgomery Street (Function/Location)  
[more info...](#)
- 154-0048-0030  
Property Names: House, 525 Montgomery Street (Function/Location)  
[more info...](#)
- 154-0048-0031  
Property Names: House, 545 Montgomery Street (Function/Location)  
[more info...](#)

1 of 1 | Per Page: 10

Identify | Custom Shape | Point | Buffer

Layer: << All Visible >>

VGIN Most Recent Aerials

125 ft

Deg Min Sec ^ Lon (X): 80° 24' 17.40"W Lat (Y): 37° 08' 30.09"N



# Site 8- Christiansburg

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## *IPaC Trust Resource Report*

Generated September 10, 2015 03:17 PM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

**NAME**

Site 8- Christiansburg

**PROJECT CODE**

JLUNZ-ZFIPF-ESPLA-ULOSU-AG6UYY

**LOCATION**

Montgomery County, Virginia

**DESCRIPTION**

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

**Virginia Ecological Services Field Office**

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

## Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

### Insects

**Mitchell's Satyr Butterfly** *Neonympha mitchellii mitchellii* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I00K>

### Mammals

**Indiana Bat** *Myotis sodalis* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A000>

**Northern Long-eared Bat** *Myotis septentrionalis* **Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0JE>

### Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area



# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

<p><b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B008">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B008</a></p>	<b>Bird of conservation concern</b>
<p><b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI</a></p>	<b>Bird of conservation concern</b>
<p><b>Blue-winged Warbler</b> <i>Vermivora pinus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Fox Sparrow</b> <i>Passerella iliaca</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Golden-winged Warbler</b> <i>Vermivora chrysoptera</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4</a></p>	<b>Bird of conservation concern</b>
<p><b>Kentucky Warbler</b> <i>Oporornis formosus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Loggerhead Shrike</b> <i>Lanius ludovicianus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY</a></p>	<b>Bird of conservation concern</b>
<p><b>Louisiana Waterthrush</b> <i>Parkesia motacilla</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Pied-billed Grebe</b> <i>Podilymbus podiceps</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Prairie Warbler</b> <i>Dendroica discolor</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Red-headed Woodpecker</b> <i>Melanerpes erythrocephalus</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Wood Thrush</b> <i>Hylocichla mustelina</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Worm Eating Warbler</b> <i>Helmitheros vermivorum</i> Season: Breeding</p>	<b>Bird of conservation concern</b>

**Yellow-bellied Sapsucker** *sphyrapicus varius*

**Bird of conservation concern**

Season: Breeding

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FR>

## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area



# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

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Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

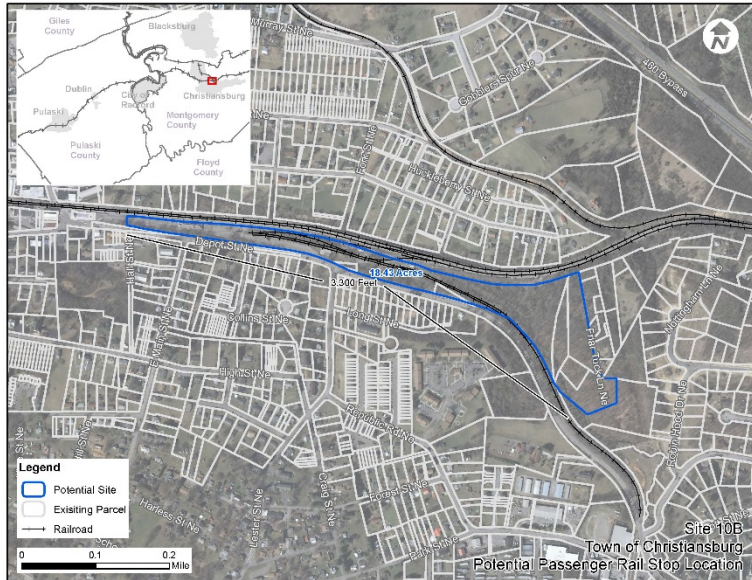
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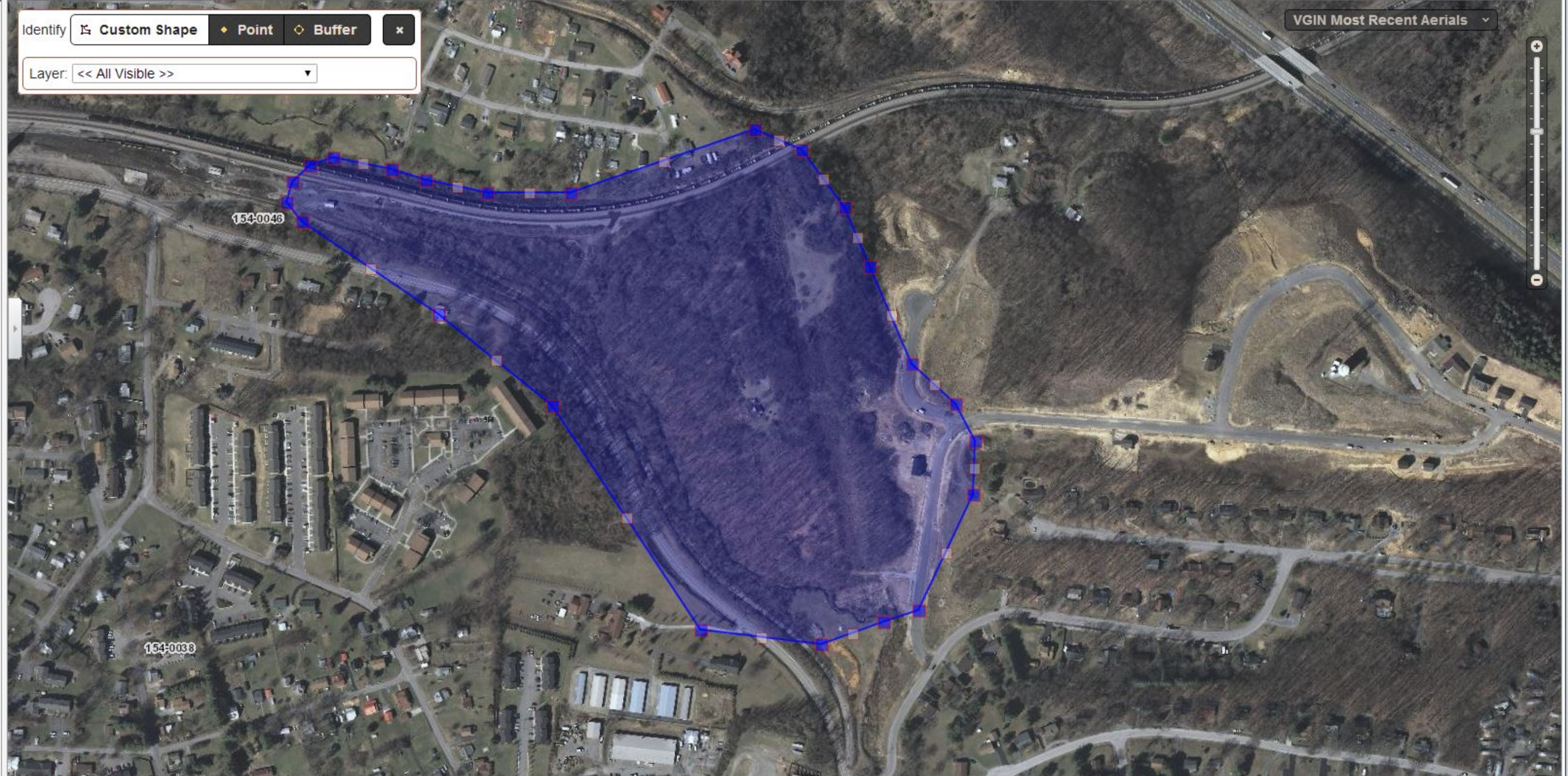
Wetland data is unavailable at this time.

# F10 SITE 10B: DEPOT STREET TRIANGLE — PHASE 1 SCORING



Site Capacity and Flexibility								
Criteria	Prox. Rail	Prox. CoSS	Space	Frontage	Available			
Measure	0 miles	1.5 miles	18.43 acres	3,300 feet	6 parcels   5 owners			
Score	5	4.5	10	10	0: Remove			
Environment								
Criteria	Displace	Flood	Birds	Species	Historic	Open	Ag. Dist.	Hazard
Measure	>1 bus.	21%	15	med	5	no	no	maybe
Score	1	7	3	4	1.75	3	3	3
Land Use and Accessibility								
Criteria	Comp.	Transit	Bike/ped	Water	Sewer	Power	Internet	
Measure	no	go any	yes	yes	yes	yes	yes	
Score	10	7	5	3	3	3	3	
Activity Centers								
Criteria	Population   15 miles	Employment   15 miles	Combination   15 miles					
Measure	158,222	48,509	206,731					
Score	NA	NA	27.55					
Site Feasibility								
Criteria	Percentage of site prime for construction							
Measure	95%							
Score	9.50							
Site 10B: Depot Street Triangle – Summary								
Low Score	High Score	Score Ranking	Site Score					
0	139.09	T9 <sup>th</sup>	0					





No Results

Identify  Custom Shape  Point  Buffer  X

Layer: << All Visible >>



# Site 9- Christiansburg

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## *IPaC Trust Resource Report*

Generated September 10, 2015 03:18 PM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

**NAME**

Site 9- Christiansburg

**PROJECT CODE**

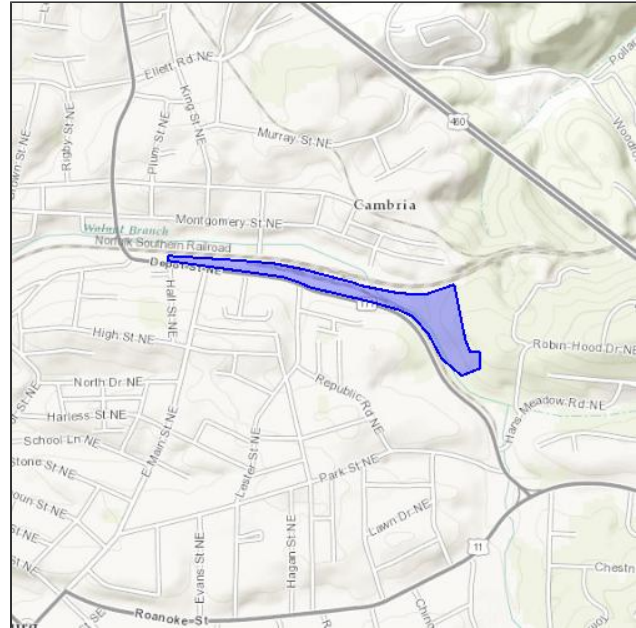
B6AXO-WW3IJ-EDBPW-UBRU7-J44MEU

**LOCATION**

Montgomery County, Virginia

**DESCRIPTION**

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

**Virginia Ecological Services Field Office**

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

## Endangered Species

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A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

## Fishes

**Roanoke Logperch** *Percina rex* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=E01G>

## Insects

**Mitchell's Satyr Butterfly** *Neonympha mitchellii mitchellii* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I00K>

## Mammals

**Indiana Bat** *Myotis sodalis* **Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A000>

**Northern Long-eared Bat** *Myotis septentrionalis* **Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0JE>



## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

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<p><b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HI</a></p>	<b>Bird of conservation concern</b>
<p><b>Blue-winged Warbler</b> <i>Vermivora pinus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Fox Sparrow</b> <i>Passerella iliaca</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Golden-winged Warbler</b> <i>Vermivora chrysoptera</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0G4</a></p>	<b>Bird of conservation concern</b>
<p><b>Kentucky Warbler</b> <i>Oporornis formosus</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Loggerhead Shrike</b> <i>Lanius ludovicianus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0FY</a></p>	<b>Bird of conservation concern</b>
<p><b>Louisiana Waterthrush</b> <i>Parkesia motacilla</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Pied-billed Grebe</b> <i>Podilymbus podiceps</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Prairie Warbler</b> <i>Dendroica discolor</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Red-headed Woodpecker</b> <i>Melanerpes erythrocephalus</i> Year-round</p>	<b>Bird of conservation concern</b>
<p><b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering</p>	<b>Bird of conservation concern</b>
<p><b>Wood Thrush</b> <i>Hylocichla mustelina</i> Season: Breeding</p>	<b>Bird of conservation concern</b>
<p><b>Worm Eating Warbler</b> <i>Helmitheros vermivorum</i> Season: Breeding</p>	<b>Bird of conservation concern</b>

**Yellow-bellied Sapsucker** *sphyrapicus varius*

**Bird of conservation concern**

Season: Breeding

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FR>



## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

Refuge data is unavailable at this time.

# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland data is unavailable at this time.