



10841 S. Ridgeview Road  
Olathe, KS 66061  
**P** (800) 593-7777  
**F** (913) 599-0547  
**Terracon.com**

June 20, 2025

Mercy Housing Southeast  
260 Peachtree Street  
Suite 1800  
Atlanta, Georgia 30303

Attn: Ms. Ronit Hoffer  
**E:** RHoffer@mercyhousing.org

**Re:** Wetland Delineation  
Old Greenville Highway Apartments  
579 Old Greenville Highway, Clemson, Pickens County, SC  
Terracon Project No. 86257068

Dear Ms. Hoffer:

Enclosed, please find the Exhibit W and supporting documentation for the above referenced project. Terracon followed the United States Army Corp of Engineers Wetland Delineation Manual, dated 1987 and the applicable Regional Supplement to the USACE Wetland Delineation Manual: Eastern Mountains and Piedmont Region 2.0 to evaluate potential wetlands on the site. Terracon did identify wetlands on the site. Please contact either of the undersigned with any questions regarding this material or if you require any additional information. Terracon appreciates the opportunity to provide services on this important project.

Sincerely,  
**Terracon Consultants, Inc.**

A handwritten signature in black ink that reads 'Kalli Williams'.

Kalli Williams  
Field Scientist

A handwritten signature in black ink that reads 'J. Andy Ruocco'.

For: Andy Ruocco, PWS  
Department Manager

**Enclosure: Exhibit W and Supporting Documentation**

## EXHIBIT W

### Identification of Wetlands

Company: Mercy Housing Southeast  
Development: Clemson  
Development Location: 579 Old Greenville Hwy, Clemson 29631  
County: Pickens Acres: 11.58

       I certify that the development listed above **does not** contain jurisdictional and non-jurisdictional wetlands.

X I certify that the development listed above **does** contain jurisdictional and/or non-jurisdictional wetlands and the proposed development will not disturb the wetlands. The wetlands are 0.32 (acres) in size, rendering the buildable percentage at 97.24 %.

I have provided the following:

1. National Wetlands Inventory (NWI) map
2. My credentials that qualify me to make this determination.

**Financial Interest:** Neither I nor the company I work for have any financial interest in the proposed LIHTC application other than in the practice of our profession.

**Ruocco, Andy**  
Digitally signed by Ruocco, Andy  
DN: cn=Ruocco, Andy, ou=General Users,  
email=Andy.Ruocco@terracon.com  
Date: 2025.06.19 19:22:54 -04'00'

06/19/2025

Signature and Certification of Wetlands Professional

Date

Joseph (Andy) Ruocco

Name of Wetland Professional

\_\_\_\_\_  
Signature and Certification of Development Owner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Developer



***Society of Wetland Scientists  
Professional Certification Program, Inc***

renews the designation

## **Professional Wetland Scientist**

For

**Joseph A. Ruocco**

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification  
Renewal Program, and verified by the Society's Certification Renewal Review Panel.  
Professional Wetland Scientist Number 2904 issued on 1/19/2018 and recertified on 12/2/2022.  
Due to recertify again by 1/19/2028.



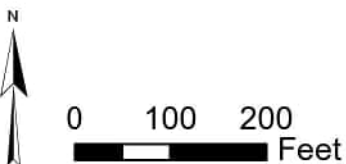
Rob McInnes, PWS  
President

Pat Frost, PWS  
Certification Renewal Chair



**Legend**

Approximate Site Boundary



Project No.	86257068
PM:	JD
Drawn By:	KW
Date:	6/18/2025

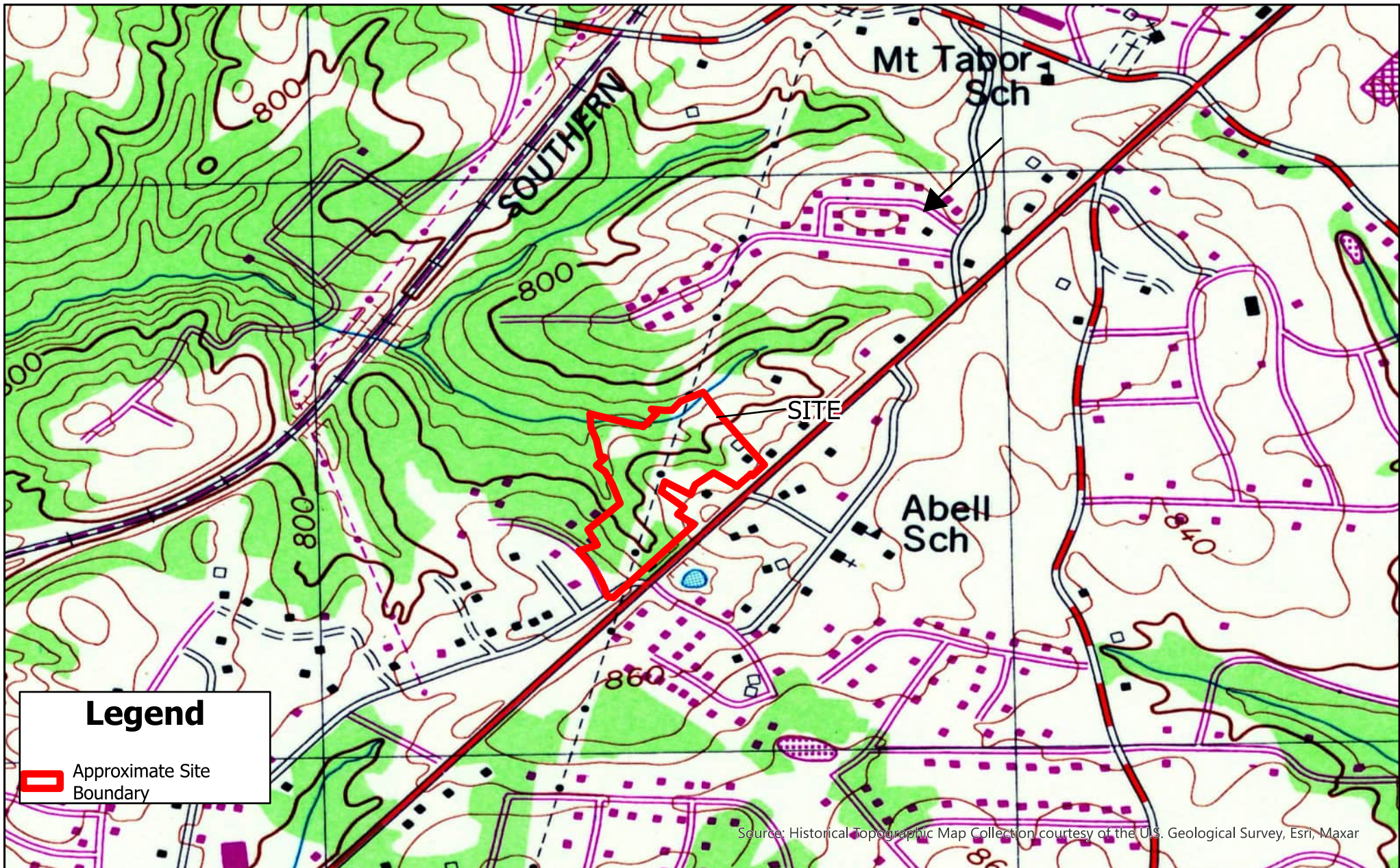
**Terracon**

72 Pointe Circle Greenville, SC 29615  
 Phone: (864) 292-2901 Fax: (864) 292-6361

Site Location
Old Greenville Highway Apartments 579 Old Greenville Highway Clemson, Pickens County, South Carolina

EXHIBIT NO.
1





0 100 200 Feet

Project No.  
86257068

PM:  
JD

Drawn By:  
KW

Date:  
6/19/2025

**Terracon**

72 Pointe Circle Greenville, SC 29615  
Phone: (864) 292-2901 Fax: (864) 292-6361

### 1967 USGS Topographic Map

Old Greenville Highway Apartments  
579 Old Greenville Highway  
Clemson, Pickens County, South Carolina

EXHIBIT NO.

2



The Wetland Lines depicted on this drawing were flagged and located with a Trimble TDC650 GPS with GNSS receiver in the field by Terracon Consultants on 6/16/25 and 6/19/25.

**SITE**

UP-2

WET-1

UP-1

UP-3

## Legend

- Approximate Site Boundary
- Wetlands
- Non-wetlands Water (Stream)
- Upland DataPoint
- Wetland Data Point

Approximate Total Site Acreage: 11.58  
 Acres Approximate Total Wetlands: 0.32  
 Acres  
 Approximate Total Non-wetlands Water: 336.70 Linear Feet  
 Approximate Total Uplands: 11.21 Acres

Maxar, Microsoft



0 100 200  
 Feet

Project No.	86257068
PM:	JD
Drawn By:	KW
Date:	6/19/2025

**Terracon**

72 Pointe Circle Greenville, SC 29615  
 Phone: (864) 292-2901 Fax: (864) 292-6361

### Depiction of Aquatic Resources

Old Greenville Highway Apartments  
 579 Old Greenville Highway  
 Clemson, Pickens County, South Carolina

EXHIBIT NO.

**3**





### Legend

- |   |  |
|---|--|
| <span style="border: 2px solid red; padding: 2px;"> </span> Approximate Site Boundary                                   | <span style="background-color: #90EE90; border: 1px solid black; padding: 2px;"> </span> Freshwater Emergent Wetland       |
| <b>Wetlands</b>   | <span style="background-color: #3CB371; border: 1px solid black; padding: 2px;"> </span> Freshwater Forested/Shrub Wetland |
| <span style="background-color: #4682B4; border: 1px solid black; padding: 2px;"> </span> Estuarine and Marine Deepwater | <span style="background-color: #ADD8E6; border: 1px solid black; padding: 2px;"> </span> Freshwater Pond                   |
| <span style="background-color: #AFEEEE; border: 1px solid black; padding: 2px;"> </span> Estuarine and Marine Wetland   | <span style="background-color: #4169E1; border: 1px solid black; padding: 2px;"> </span> Lake                              |
|   | <span style="background-color: #D2B48C; border: 1px solid black; padding: 2px;"> </span> Other                             |
|   | <span style="background-color: #4682B4; border: 1px solid black; padding: 2px;"> </span> Riverine                          |



0 100 200  
Feet

Project No.	86257068
PM:	JD
Drawn By:	KW
Date:	6/18/2025



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Phone: (864) 292-2901	Fax: (864) 292-6361

### USFWS National Wetlands Inventory

Old Greenville Highway Apartments  
579 Old Greenville Highway  
Clemson, Pickens County, South Carolina

EXHIBIT NO.

4

Terracon; USFWS; Mapax; Microsoft







**Legend**

 Approximate Site Boundary

N



0 100 200 Feet



Project No.	86257068
PM:	JD
Drawn By:	KW
Date:	6/19/2025



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1999 Infrared Aerial Imagery
Old Greenville Highway Apartments 579 Old Greenville Highway Clemson, Pickens County, South Carolina

EXHIBIT NO.
5





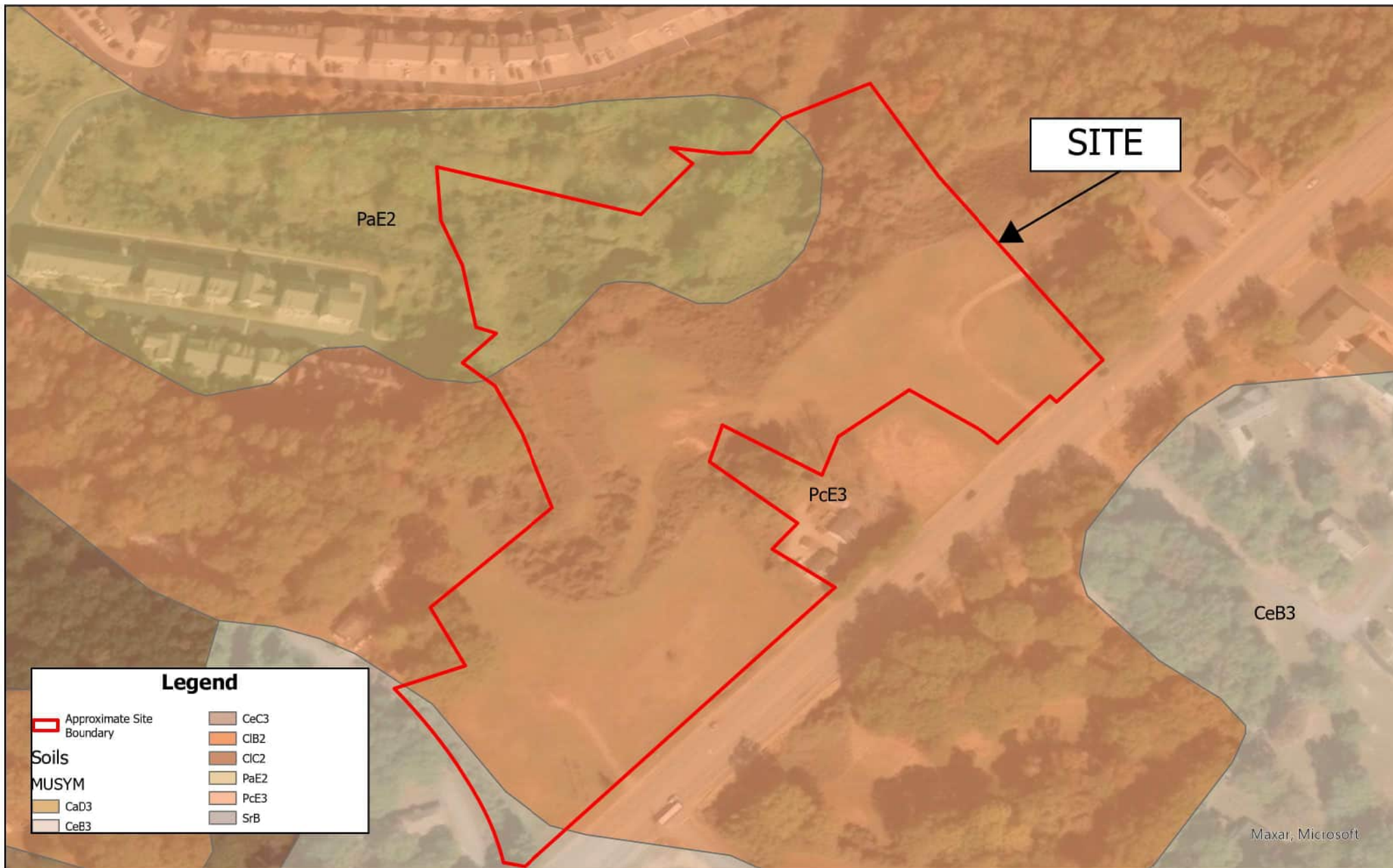
0 100 200 Feet

Project No.	86257068
PM:	JD
Drawn By:	KW
Date:	6/20/2025

	
72 Pointe Circle	Greenville, SC 29615
Phone: (864) 292-2901	Fax: (864) 292-6361

2006 Infrared Aerial Imagery	EXHIBIT NO.
Old Greenville Highway Apartments 579 Old Greenville Highway Clemson, Pickens County, South Carolina	6





0 100 200 Feet

Project No.	86257068
PM:	JD
Drawn By:	KW
Date:	6/18/2025



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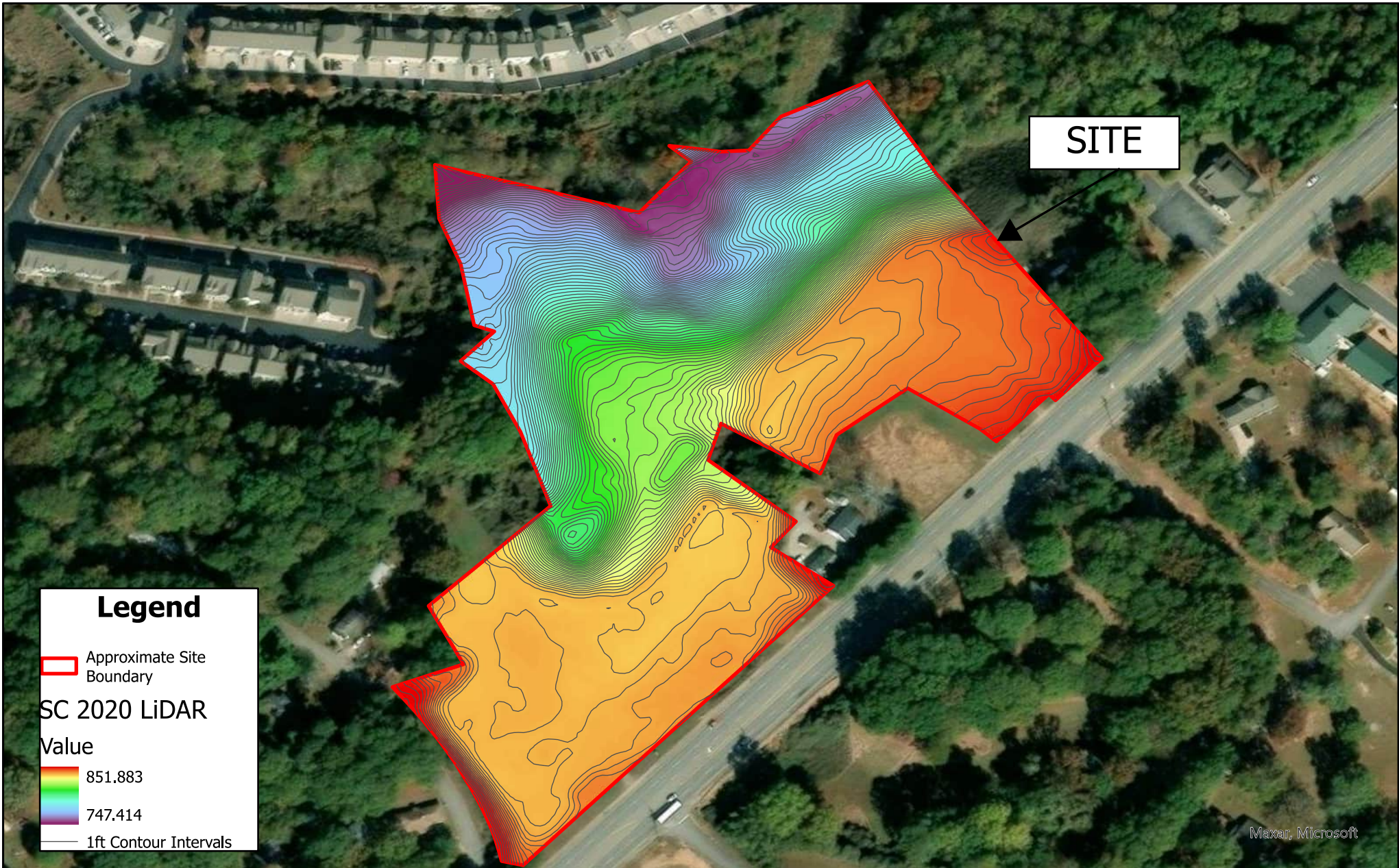
### NRCS Soils Map

Old Greenville Highway Apartments  
579 Old Greenville Highway  
Clemson, Pickens County, South Carolina

EXHIBIT NO.

7





0 100 200 Feet

Project No.	86257068
PM:	JD
Drawn By:	KW
Date:	6/18/2025



72 Pointe Circle Greenville, SC 29615  
Phone: (864) 292-2901 Fax: (864) 292-6361

### SC 2020 LiDAR Map

Old Greenville Highway Apartments  
579 Old Greenville Highway  
Clemson, Pickens County, South Carolina

EXHIBIT NO.

7



# **Data Forms**

<div>U.S. Army Corps of Engineers</div> <div>WETLAND DETERMINATION DATA SHEET – Eastern Mountains and Piedmont Region</div> <div>See ERDC/EL TR-12-9; the proponent agency is CECW-CO-R</div>	<div>OMB Control #: 0710-0024, Exp: 9/30/2027</div> <div>Requirement Control Symbol EXEMPT:</div> <div>(Authority: AR 335-15, paragraph 5-2a)</div>
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Project/Site:	Old Greenville Highway Apartments	City/County:	Clemson/Pickens County	Sampling Date:	06/16/2025
Applicant/Owner:	Mercy Housing	State:	SC	Sampling Point:	UP-1
Investigator(s):	Kalli Williams	Section, Township, Range:	None		
Landform (hillside, terrace, etc.):	Flat	Local relief (concave, convex, none):	None	Slope (%):	0
Subregion (LRR or MLRA):	LRR P, MLRA 136	Lat:	34.6947509	Long:	-82.8069687
Datum:	WGS84				
Soil Map Unit Name:	Pacolet clay loam, 10 to 25 percent slopes (PcE3)		NWI classification: None		
Are climatic / hydrologic conditions on the site typical for this time of year?		Yes	X	No	(If no, explain in Remarks.)
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed?		Are "Normal Circumstances" present?		Yes	X
		No			
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic?		(If needed, explain any answers in Remarks.)			

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No	X	Is the Sampled Area within a Wetland?	Yes _____	No	X
Hydric Soil Present?	Yes _____	No	X				
Wetland Hydrology Present?	Yes _____	No	X				
Remarks:							

HYDROLOGY

<b>Wetland Hydrology Indicators:</b>				<b>Secondary Indicators (minimum of two required)</b>			
<b>Primary Indicators (minimum of one is required; check all that apply)</b>							
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> True Aquatic Plants (B14)			<input type="checkbox"/> Surface Soil Cracks (B6)			
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)			<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)			
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)			<input type="checkbox"/> Drainage Patterns (B10)			
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Presence of Reduced Iron (C4)			<input type="checkbox"/> Moss Trim Lines (B16)			
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)			<input type="checkbox"/> Dry-Season Water Table (C2)			
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Thin Muck Surface (C7)			<input type="checkbox"/> Crayfish Burrows (C8)			
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Other (Explain in Remarks)			<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)			
<input type="checkbox"/> Iron Deposits (B5)				<input type="checkbox"/> Stunted or Stressed Plants (D1)			
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)				<input type="checkbox"/> Geomorphic Position (D2)			
<input type="checkbox"/> Water-Stained Leaves (B9)				<input type="checkbox"/> Shallow Aquitard (D3)			
<input type="checkbox"/> Aquatic Fauna (B13)				<input type="checkbox"/> Microtopographic Relief (D4)			
				<input type="checkbox"/> FAC-Neutral Test (D5)			
<b>Field Observations:</b>				<b>Wetland Hydrology Present?</b> Yes _____ No _____ X			
Surface Water Present?	Yes _____	No	X				
Water Table Present?	Yes _____	No	X	Depth (inches): _____			
Saturation Present?	Yes _____	No	X	Depth (inches): _____			
(includes capillary fringe)							
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:							
Remarks:							

**VEGETATION (Four Strata) – Use scientific names of plants.**

 Sampling Point: UP-1

Tree Stratum (Plot size: <u>30</u> )	Absolute % Cover	Dominant Species?	Indicator Status																	
1. _____	_____	_____	_____	<b>Dominance Test worksheet:</b>  Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)  Total Number of Dominant Species Across All Strata: <u>2</u> (B)  Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.0%</u> (A/B)																
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
=Total Cover				<b>Prevalence Index worksheet:</b>  <table style="width: 100%;"> <tr> <td style="width: 50%;">Total % Cover of:</td> <td style="width: 50%;">Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>0</u></td> <td>x 2 = <u>0</u></td> </tr> <tr> <td>FAC species <u>0</u></td> <td>x 3 = <u>0</u></td> </tr> <tr> <td>FACU species <u>90</u></td> <td>x 4 = <u>360</u></td> </tr> <tr> <td>UPL species <u>20</u></td> <td>x 5 = <u>100</u></td> </tr> <tr> <td>Column Totals: <u>110</u> (A)</td> <td><u>460</u> (B)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Prevalence Index = B/A = <u>4.18</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>0</u>	x 2 = <u>0</u>	FAC species <u>0</u>	x 3 = <u>0</u>	FACU species <u>90</u>	x 4 = <u>360</u>	UPL species <u>20</u>	x 5 = <u>100</u>	Column Totals: <u>110</u> (A)	<u>460</u> (B)	Prevalence Index = B/A = <u>4.18</u>	
Total % Cover of:	Multiply by:																			
OBL species <u>0</u>	x 1 = <u>0</u>																			
FACW species <u>0</u>	x 2 = <u>0</u>																			
FAC species <u>0</u>	x 3 = <u>0</u>																			
FACU species <u>90</u>	x 4 = <u>360</u>																			
UPL species <u>20</u>	x 5 = <u>100</u>																			
Column Totals: <u>110</u> (A)	<u>460</u> (B)																			
Prevalence Index = B/A = <u>4.18</u>																				
50% of total cover: _____ 20% of total cover: _____																				
Sapling/Shrub Stratum (Plot size: <u>15</u> )				<b>Hydrophytic Vegetation Indicators:</b> <u>1</u> - Rapid Test for Hydrophytic Vegetation <u>2</u> - Dominance Test is >50% <u>3</u> - Prevalence Index is ≤3.0 <sup>1</sup> <u>4</u> - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)  <u>  </u> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)																
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
=Total Cover																				
50% of total cover: _____ 20% of total cover: _____																				
Herb Stratum (Plot size: <u>5</u> )				<b>Definitions of Four Vegetation Strata:</b>  <b>Tree</b> – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.  <b>Sapling/Shrub</b> – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.  <b>Herb</b> – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.  <b>Woody Vine</b> – All woody vines greater than 3.28 ft in height.																
1. <u>Digitaria sanguinalis</u>	<u>90</u>	<u>Yes</u>	<u>FACU</u>																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
10. _____	_____	_____	_____																	
11. _____	_____	_____	_____																	
=Total Cover																				
50% of total cover: <u>45</u> 20% of total cover: <u>18</u>																				
Woody Vine Stratum (Plot size: <u>30</u> )				<b>Hydrophytic Vegetation Present?</b> <b>Yes</b> _____ <b>No</b> <u>X</u>																
1. <u>Pueraria montana</u>	<u>20</u>	<u>Yes</u>	<u>UPL</u>																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
=Total Cover																				
50% of total cover: <u>10</u> 20% of total cover: <u>4</u>																				
Remarks: (Include photo numbers here or on a separate sheet.)																				

## SOIL

Sampling Point: UP-1

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-20	10YR 4/6	100					Loamy/Clayey	

<sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.<sup>2</sup>Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

☐ Histosol (A1)  
☐ Histic Epipedon (A2)  
☐ Black Histic (A3)  
☐ Hydrogen Sulfide (A4)  
☐ Stratified Layers (A5)  
☐ 2 cm Muck (A10) (**LRR N**)  
☐ Depleted Below Dark Surface (A11)  
☐ Thick Dark Surface (A12)  
☐ Iron Monosulfide (A18)  
☐ Sandy Mucky Mineral (S1)  
☐ Sandy Gleyed Matrix (S4)  
☐ Sandy Redox (S5)  
☐ Stripped Matrix (S6)  
☐ Dark Surface (S7)

☐ Polyvalue Below Surface (S8) (**MLRA 147, 148**)  
☐ Thin Dark Surface (S9) (**MLRA 147, 148**)  
☐ Loamy Mucky Mineral (F1) (**MLRA 136**)  
☐ Loamy Gleyed Matrix (F2)  
☐ Depleted Matrix (F3)  
☐ Redox Dark Surface (F6)  
☐ Depleted Dark Surface (F7)  
☐ Redox Depressions (F8)  
☐ Iron-Manganese Masses (F12) (**LRR N, MLRA 136**)  
☐ Umbric Surface (F13) (**MLRA 122, 136**)  
☐ Piedmont Floodplain Soils (F19) (**MLRA 148**)  
☐ Red Parent Material (F21) (**MLRA 127, 147, 148**)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

☐ 2 cm Muck (A10) (**MLRA 147**)  
☐ Coast Prairie Redox (A16)  
☐ (**MLRA 147, 148**)  
☐ Piedmont Floodplain Soils (F19)  
☐ (**MLRA 136, 147**)  
☐ Red Parent Material (F21)  
☐ (**outside MLRA 127, 147, 148**)  
☐ Very Shallow Dark Surface (F22)  
☐ Other (Explain in Remarks)

<sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present? Yes \_\_\_\_\_ No X

**Remarks:**

Red/brown color throughout soil matrix.

## AGENCY DISCLOSURE NOTIFICATION

The public reporting burden for this collection of information, OMB Control Number 0710-0024, is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at [whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil](mailto:whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **PLEASE DO NOT RETURN YOUR REQUEST TO THE ABOVE EMAIL.**

## PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: <http://dpcl.d.defense.gov/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx>

<b>U.S. Army Corps of Engineers</b> <b>WETLAND DETERMINATION DATA SHEET – Eastern Mountains and Piedmont Region</b> See ERDC/EL TR-12-9; the proponent agency is CECW-CO-R	<b>OMB Control #: 0710-0024, Exp: 9/30/2027</b> <b>Requirement Control Symbol EXEMPT:</b> <b>(Authority: AR 335-15, paragraph 5-2a)</b>
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Project/Site: Old Greenville Highway Apartments City/County: Clemson/Pickens County Sampling Date: 06/16/2025  
Applicant/Owner: Mercy Housing State: SC Sampling Point: UP-2  
Investigator(s): Kalli Williams Section, Township, Range: None  
Landform (hillside, terrace, etc.): Depression Local relief (concave, convex, none): Convex Slope (%): 0  
Subregion (LRR or MLRA): LRR P, MLRA 136 Lat: 34.6955649 Long: -82.8073474 Datum: WGS84  
Soil Map Unit Name: Pacolet fine sandy loam, 10 to 25 percent slopes (PaE2) NWI classification: None  
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No      (If no, explain in Remarks.)  
Are Vegetation     , Soil     , or Hydrology      significantly disturbed? Are "Normal Circumstances" present? Yes X No       
Are Vegetation     , Soil     , or Hydrology      naturally problematic? (If needed, explain any answers in Remarks.)

**SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.**

Hydrophytic Vegetation Present? Yes <u>    </u> No <u>X</u>	<b>Is the Sampled Area within a Wetland?</b> Yes <u>    </u> No <u>X</u>
Hydric Soil Present? Yes <u>    </u> No <u>X</u>	
Wetland Hydrology Present? Yes <u>    </u> No <u>X</u>	

Remarks:

**HYDROLOGY**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one is required; check all that apply)</u> <u>    </u> Surface Water (A1) <u>    </u> True Aquatic Plants (B14) <u>    </u> High Water Table (A2) <u>    </u> Hydrogen Sulfide Odor (C1) <u>    </u> Saturation (A3) <u>    </u> Oxidized Rhizospheres on Living Roots (C3) <u>    </u> Water Marks (B1) <u>    </u> Presence of Reduced Iron (C4) <u>    </u> Sediment Deposits (B2) <u>    </u> Recent Iron Reduction in Tilled Soils (C6) <u>    </u> Drift Deposits (B3) <u>    </u> Thin Muck Surface (C7) <u>    </u> Algal Mat or Crust (B4) <u>    </u> Other (Explain in Remarks) <u>    </u> Iron Deposits (B5) <u>    </u> Inundation Visible on Aerial Imagery (B7) <u>    </u> Water-Stained Leaves (B9) <u>    </u> Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> <u>    </u> Surface Soil Cracks (B6) <u>    </u> Sparsely Vegetated Concave Surface (B8) <u>    </u> Drainage Patterns (B10) <u>    </u> Moss Trim Lines (B16) <u>    </u> Dry-Season Water Table (C2) <u>    </u> Crayfish Burrows (C8) <u>    </u> Saturation Visible on Aerial Imagery (C9) <u>    </u> Stunted or Stressed Plants (D1) <u>    </u> Geomorphic Position (D2) <u>    </u> Shallow Aquitard (D3) <u>    </u> Microtopographic Relief (D4) <u>    </u> FAC-Neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <u>    </u> No <u>X</u> Depth (inches): <u>    </u> Water Table Present? Yes <u>    </u> No <u>X</u> Depth (inches): <u>    </u> Saturation Present? Yes <u>    </u> No <u>X</u> Depth (inches): <u>    </u> (includes capillary fringe)	<b>Wetland Hydrology Present?</b> Yes <u>    </u> No <u>X</u>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

**VEGETATION (Four Strata) – Use scientific names of plants.**

 Sampling Point: UP-2

Tree Stratum (Plot size: <u>30</u> )	Absolute % Cover	Dominant Species?	Indicator Status																	
1. _____	_____	_____	_____	<b>Dominance Test worksheet:</b>  Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)  Total Number of Dominant Species Across All Strata: <u>3</u> (B)  Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.0%</u> (A/B)																
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
=Total Cover				<b>Prevalence Index worksheet:</b>  <table style="width: 100%;"> <tr> <td style="width: 50%;">Total % Cover of:</td> <td style="width: 50%;">Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>0</u></td> <td>x 2 = <u>0</u></td> </tr> <tr> <td>FAC species <u>0</u></td> <td>x 3 = <u>0</u></td> </tr> <tr> <td>FACU species <u>5</u></td> <td>x 4 = <u>20</u></td> </tr> <tr> <td>UPL species <u>95</u></td> <td>x 5 = <u>475</u></td> </tr> <tr> <td>Column Totals: <u>100</u> (A)</td> <td><u>495</u> (B)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Prevalence Index = B/A = <u>4.95</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>0</u>	x 2 = <u>0</u>	FAC species <u>0</u>	x 3 = <u>0</u>	FACU species <u>5</u>	x 4 = <u>20</u>	UPL species <u>95</u>	x 5 = <u>475</u>	Column Totals: <u>100</u> (A)	<u>495</u> (B)	Prevalence Index = B/A = <u>4.95</u>	
Total % Cover of:	Multiply by:																			
OBL species <u>0</u>	x 1 = <u>0</u>																			
FACW species <u>0</u>	x 2 = <u>0</u>																			
FAC species <u>0</u>	x 3 = <u>0</u>																			
FACU species <u>5</u>	x 4 = <u>20</u>																			
UPL species <u>95</u>	x 5 = <u>475</u>																			
Column Totals: <u>100</u> (A)	<u>495</u> (B)																			
Prevalence Index = B/A = <u>4.95</u>																				
50% of total cover: _____ 20% of total cover: _____																				
Sapling/Shrub Stratum (Plot size: <u>15</u> )																				
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
=Total Cover																				
50% of total cover: _____ 20% of total cover: _____																				
Herb Stratum (Plot size: <u>5</u> )																				
1. <u>Carex plantaginea</u>	<u>5</u>	<u>Yes</u>	<u>UPL</u>	<b>Hydrophytic Vegetation Indicators:</b> <u>1</u> - Rapid Test for Hydrophytic Vegetation <u>2</u> - Dominance Test is >50% <u>3</u> - Prevalence Index is ≤3.0 <sup>1</sup> <u>4</u> - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <u>  </u> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																
2. <u>Solidago altissima</u>	<u>5</u>	<u>Yes</u>	<u>FACU</u>																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
10. _____	_____	_____	_____																	
11. _____	_____	_____	_____																	
10 =Total Cover																				
50% of total cover: <u>5</u> 20% of total cover: <u>2</u>																				
Woody Vine Stratum (Plot size: <u>30</u> )																				
1. <u>Pueraria montana</u>	<u>90</u>	<u>Yes</u>	<u>UPL</u>	<b>Definitions of Four Vegetation Strata:</b>  <b>Tree</b> – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.  <b>Sapling/Shrub</b> – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.  <b>Herb</b> – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.  <b>Woody Vine</b> – All woody vines greater than 3.28 ft in height.																
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
90 =Total Cover																				
50% of total cover: <u>45</u> 20% of total cover: <u>18</u>																				
Remarks: (Include photo numbers here or on a separate sheet.)																				



## SOIL

Sampling Point: UP-2**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-10	10YR 3/6	100					Loamy/Clayey	
10-20	10YR 4/6	100					Loamy/Clayey	

<sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.<sup>2</sup>Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

☐ Histosol (A1)  
☐ Histic Epipedon (A2)  
☐ Black Histic (A3)  
☐ Hydrogen Sulfide (A4)  
☐ Stratified Layers (A5)  
☐ 2 cm Muck (A10) (**LRR N**)  
☐ Depleted Below Dark Surface (A11)  
☐ Thick Dark Surface (A12)  
☐ Iron Monosulfide (A18)  
☐ Sandy Mucky Mineral (S1)  
☐ Sandy Gleyed Matrix (S4)  
☐ Sandy Redox (S5)  
☐ Stripped Matrix (S6)  
☐ Dark Surface (S7)

☐ Polyvalue Below Surface (S8) (**MLRA 147, 148**)  
☐ Thin Dark Surface (S9) (**MLRA 147, 148**)  
☐ Loamy Mucky Mineral (F1) (**MLRA 136**)  
☐ Loamy Gleyed Matrix (F2)  
☐ Depleted Matrix (F3)  
☐ Redox Dark Surface (F6)  
☐ Depleted Dark Surface (F7)  
☐ Redox Depressions (F8)  
☐ Iron-Manganese Masses (F12) (**LRR N, MLRA 136**)  
☐ Umbric Surface (F13) (**MLRA 122, 136**)  
☐ Piedmont Floodplain Soils (F19) (**MLRA 148**)  
☐ Red Parent Material (F21) (**MLRA 127, 147, 148**)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

☐ 2 cm Muck (A10) (**MLRA 147**)  
☐ Coast Prairie Redox (A16) (**MLRA 147, 148**)  
☐ Piedmont Floodplain Soils (F19) (**MLRA 136, 147**)  
☐ Red Parent Material (F21) (**outside MLRA 127, 147, 148**)  
☐ Very Shallow Dark Surface (F22)  
☐ Other (Explain in Remarks)

<sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present? Yes \_\_\_\_\_ No X

**Remarks:**

Homogeneous color throughout soil profile.

## AGENCY DISCLOSURE NOTIFICATION

The public reporting burden for this collection of information, OMB Control Number 0710-0024, is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at [whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil](mailto:whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **PLEASE DO NOT RETURN YOUR REQUEST TO THE ABOVE EMAIL.**

## PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: <http://dpcl.d.defense.gov/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx>

<div>U.S. Army Corps of Engineers</div> <div>WETLAND DETERMINATION DATA SHEET – Eastern Mountains and Piedmont Region</div> <div>See ERDC/EL TR-12-9; the proponent agency is CECW-CO-R</div>	<div>OMB Control #: 0710-0024, Exp: 9/30/2027</div> <div>Requirement Control Symbol EXEMPT:</div> <div>(Authority: AR 335-15, paragraph 5-2a)</div>
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Project/Site:	Old Greenville Highway Apartments	City/County:	Clemson/Pickens County	Sampling Date:	06/16/2025
Applicant/Owner:	Mercy Housing	State:	SC	Sampling Point:	WET-1
Investigator(s):	Kalli Williams	Section, Township, Range:	NA		
Landform (hillside, terrace, etc.):	Depression	Local relief (concave, convex, none):	Convex	Slope (%):	0
Subregion (LRR or MLRA):	LRR P, MLRA 136	Lat:	34.6955213	Long:	-82.8068468
		Datum:	WGS84		
Soil Map Unit Name:	Pacolet fine sandy loam, 10 to 25 percent slopes (PaE2)	NWI classification:	PFO1A		
Are climatic / hydrologic conditions on the site typical for this time of year?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	(If no, explain in Remarks.)			
Are Vegetation <input type="checkbox"/> , Soil <input type="checkbox"/> , or Hydrology <input type="checkbox"/> significantly disturbed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Are "Normal Circumstances" present?			
Are Vegetation <input type="checkbox"/> , Soil <input type="checkbox"/> , or Hydrology <input type="checkbox"/> naturally problematic?	(If needed, explain any answers in Remarks.)				

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Remarks:			

HYDROLOGY

<div>Wetland Hydrology Indicators:</div> <div>Primary Indicators (minimum of one is required; check all that apply)</div> <div><div><div><input checked="" type="checkbox"/> Surface Water (A1)</div><div><input type="checkbox"/> High Water Table (A2)</div><div><input type="checkbox"/> Saturation (A3)</div><div><input checked="" type="checkbox"/> Water Marks (B1)</div><div><input type="checkbox"/> Sediment Deposits (B2)</div><div><input type="checkbox"/> Drift Deposits (B3)</div><div><input type="checkbox"/> Algal Mat or Crust (B4)</div><div><input type="checkbox"/> Iron Deposits (B5)</div><div><input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)</div><div><input checked="" type="checkbox"/> Water-Stained Leaves (B9)</div><div><input type="checkbox"/> Aquatic Fauna (B13)</div></div><div><div><input checked="" type="checkbox"/> True Aquatic Plants (B14)</div><div><input type="checkbox"/> Hydrogen Sulfide Odor (C1)</div><div><input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)</div><div><input type="checkbox"/> Presence of Reduced Iron (C4)</div><div><input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)</div><div><input type="checkbox"/> Thin Muck Surface (C7)</div><div><input type="checkbox"/> Other (Explain in Remarks)</div></div></div>
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**VEGETATION (Four Strata) – Use scientific names of plants.**

 Sampling Point: WET-1

Tree Stratum (Plot size: <u>30</u> )	Absolute % Cover	Dominant Species?	Indicator Status																	
1. <u>Carpinus caroliniana</u>	<u>40</u>	<u>Yes</u>	<u>FAC</u>	<b>Dominance Test worksheet:</b>  Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A)  Total Number of Dominant Species Across All Strata: <u>4</u> (B)  Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75.0%</u> (A/B)																
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
40 = Total Cover				<b>Prevalence Index worksheet:</b>  <table style="width: 100%;"> <tr> <th style="width: 50%;">Total % Cover of:</th> <th style="width: 50%;">Multiply by:</th> </tr> <tr> <td>OBL species <u>50</u></td> <td>x 1 = <u>50</u></td> </tr> <tr> <td>FACW species <u>0</u></td> <td>x 2 = <u>0</u></td> </tr> <tr> <td>FAC species <u>105</u></td> <td>x 3 = <u>315</u></td> </tr> <tr> <td>FACU species <u>5</u></td> <td>x 4 = <u>20</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>160</u> (A)</td> <td><u>385</u> (B)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Prevalence Index = B/A = <u>2.41</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>50</u>	x 1 = <u>50</u>	FACW species <u>0</u>	x 2 = <u>0</u>	FAC species <u>105</u>	x 3 = <u>315</u>	FACU species <u>5</u>	x 4 = <u>20</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>160</u> (A)	<u>385</u> (B)	Prevalence Index = B/A = <u>2.41</u>	
Total % Cover of:	Multiply by:																			
OBL species <u>50</u>	x 1 = <u>50</u>																			
FACW species <u>0</u>	x 2 = <u>0</u>																			
FAC species <u>105</u>	x 3 = <u>315</u>																			
FACU species <u>5</u>	x 4 = <u>20</u>																			
UPL species <u>0</u>	x 5 = <u>0</u>																			
Column Totals: <u>160</u> (A)	<u>385</u> (B)																			
Prevalence Index = B/A = <u>2.41</u>																				
50% of total cover: <u>20</u> 20% of total cover: <u>8</u>																				
<b>Sapling/Shrub Stratum (Plot size: <u>15</u> )</b>																				
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
_____ = Total Cover																				
50% of total cover: _____ 20% of total cover: _____																				
<b>Herb Stratum (Plot size: <u>5</u> )</b>																				
1. <u>Microstegium vimineum</u>	<u>50</u>	<u>Yes</u>	<u>FAC</u>	<b>Hydrophytic Vegetation Indicators:</b> <u>1</u> - Rapid Test for Hydrophytic Vegetation <u>X</u> <u>2</u> - Dominance Test is >50% <u>X</u> <u>3</u> - Prevalence Index is ≤3.0 <sup>1</sup> <u>4</u> - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)  <u>_____</u> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)																
2. <u>Sagittaria latifolia</u>	<u>50</u>	<u>Yes</u>	<u>OBL</u>																	
3. <u>Dichanthelium clandestinum</u>	<u>15</u>	<u>No</u>	<u>FAC</u>																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
10. _____	_____	_____	_____																	
11. _____	_____	_____	_____																	
115 = Total Cover																				
50% of total cover: <u>58</u> 20% of total cover: <u>23</u>																				
<b>Woody Vine Stratum (Plot size: <u>30</u> )</b>																				
1. <u>Parthenocissus quinquefolia</u>	<u>5</u>	<u>Yes</u>	<u>FACU</u>	<b>Definitions of Four Vegetation Strata:</b>  <b>Tree</b> – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.  <b>Sapling/Shrub</b> – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.  <b>Herb</b> – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.  <b>Woody Vine</b> – All woody vines greater than 3.28 ft in height.																
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
5 = Total Cover																				
50% of total cover: <u>3</u> 20% of total cover: <u>1</u>																				
<b>Hydrophytic Vegetation Present?</b> Yes <u>X</u> No _____																				
Remarks: (Include photo numbers here or on a separate sheet.)																				

## SOIL

Sampling Point: WET-1

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-20	7.5R 4/2	60	7.5R 4/6	40	C	PL/M	Loamy/Clayey	

<sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.<sup>2</sup>Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

☐ Histosol (A1)  
☐ Histic Epipedon (A2)  
☐ Black Histic (A3)  
☐ Hydrogen Sulfide (A4)  
☐ Stratified Layers (A5)  
☐ 2 cm Muck (A10) (**LRR N**)  
☐ Depleted Below Dark Surface (A11)  
☐ Thick Dark Surface (A12)  
☐ Iron Monosulfide (A18)  
☐ Sandy Mucky Mineral (S1)  
☐ Sandy Gleyed Matrix (S4)  
☐ Sandy Redox (S5)  
☐ Stripped Matrix (S6)  
☐ Dark Surface (S7)

☐ Polyvalue Below Surface (S8) (**MLRA 147, 148**)  
☐ Thin Dark Surface (S9) (**MLRA 147, 148**)  
☐ Loamy Mucky Mineral (F1) (**MLRA 136**)  
☐ Loamy Gleyed Matrix (F2)  
☒ Depleted Matrix (F3)  
☐ Redox Dark Surface (F6)  
☐ Depleted Dark Surface (F7)  
☐ Redox Depressions (F8)  
☐ Iron-Manganese Masses (F12) (**LRR N, MLRA 136**)  
☐ Umbric Surface (F13) (**MLRA 122, 136**)  
☐ Piedmont Floodplain Soils (F19) (**MLRA 148**)  
☐ Red Parent Material (F21) (**MLRA 127, 147, 148**)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

☐ 2 cm Muck (A10) (**MLRA 147**)  
☐ Coast Prairie Redox (A16) (**MLRA 147, 148**)  
☐ Piedmont Floodplain Soils (F19) (**MLRA 136, 147**)  
☐ Red Parent Material (F21) (**outside MLRA 127, 147, 148**)  
☐ Very Shallow Dark Surface (F22)  
☐ Other (Explain in Remarks)

<sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present? Yes ☒ No ☐

**Remarks:**

Dominant gray coloring with redox concentrations throughout.

## AGENCY DISCLOSURE NOTIFICATION

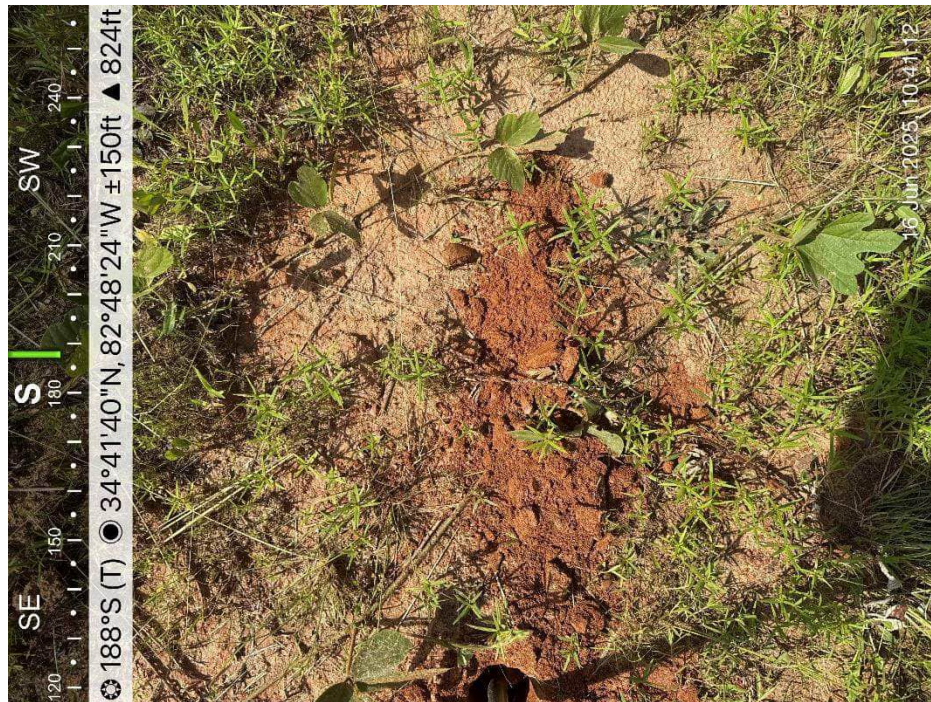
The public reporting burden for this collection of information, OMB Control Number 0710-0024, is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at [whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil](mailto:whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **PLEASE DO NOT RETURN YOUR REQUEST TO THE ABOVE EMAIL.**

## PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: <http://dpcl.d.defense.gov/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx>

# Photo Log





**Photo 1:** View of the soil from datapoint UP-1.



**Photo 2:** View of UP-1, facing east.





**Photo 3:** View of UP-1, facing south.



**Photo 4:** View of UP-1, facing west.





**Photo 5:** View of UP-1, facing north.



**Photo 6:** View of the wetland located in the northern portion of the site, facing east.





**Photo 7:** View of the hydric soil from datapoint WET-1.



**Photo 8:** View of WET-1, facing north.





**Photo 9:** View of WET-1, facing west.



**Photo 10:** View of WET-1, facing southeast.





**Photo 11:** View of WET-1, facing northeast.



**Photo 12:** View of the soil from datapoint UP-2.





**Photo 13:** View of UP-2, facing north.



**Photo 14:** View of UP-2, facing west.





**Photo 15:** View of UP-2, facing south.



**Photo 16:** View of UP-2, facing east.





**Photo 17:** View of the soil from UP-3.

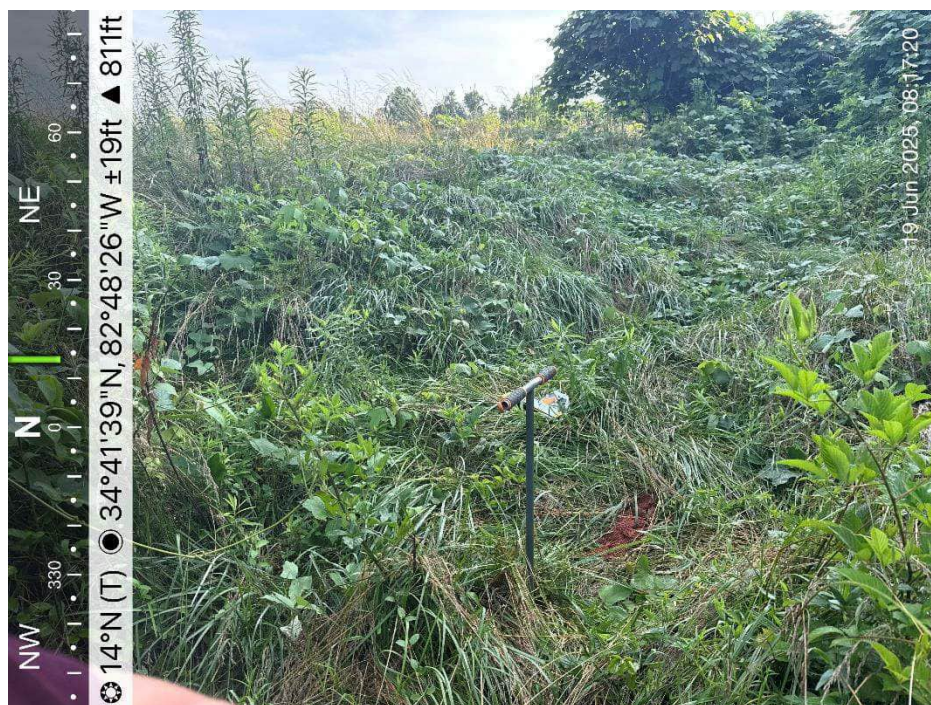


**Photo 18:** View of UP-3, facing south.





**Photo 19:** View of UP-3, facing west.

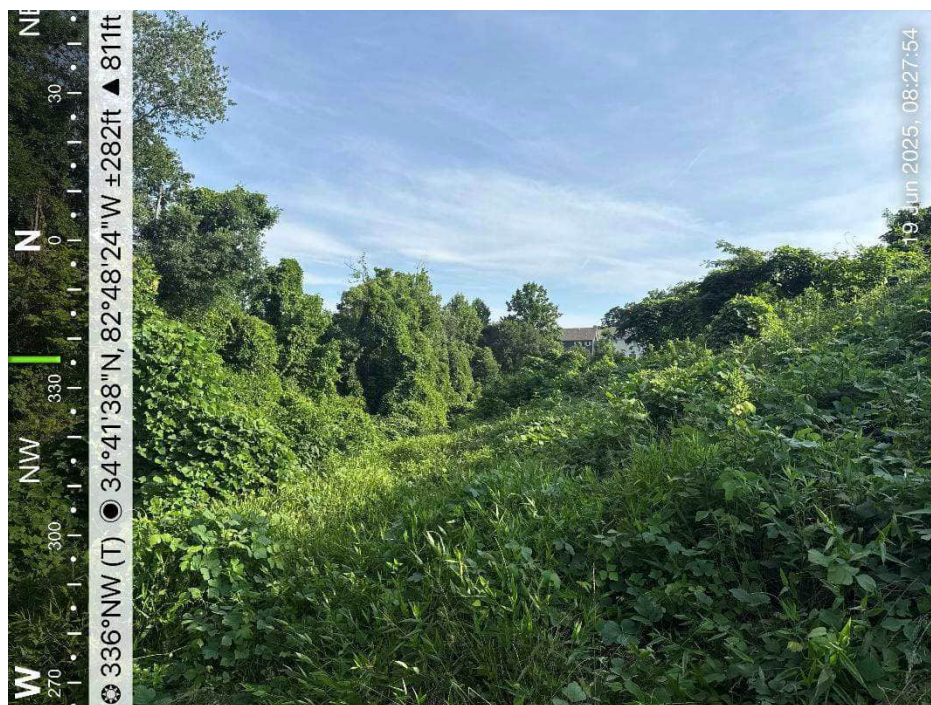


**Photo 20:** View of UP-3, facing north.





**Photo 21:** View of UP-3, facing east.



**Photo 22:** General view of the northwestern portion of the site, facing north.





**Photo 23:** View of the stream in the northwestern portion of the site, facing south.



**Photo 24:** View of the general northwestern portion of the site, facing west.





**Photo 25:** Additional view of the stream, facing northwest.