



# THE BRIGMAN COMPANY

June 30, 2023

U.S. Army Corps of Engineers  
Conway Regulatory Field Office  
1949 Industrial Park Road, Room 140  
Conway, SC 29526

Attention: Mr. Wiley Bracey

**Reference: Turbeville Fire Station 2  
Turbeville, Clarendon County, SC**

Dear Mr. Bracey:

We have completed a routine wetland determination/delineation of the above referenced project. Based on a field reconnaissance conducted on June 29, 2023, the approximate 3-acre subject property was determined to be void of wetland areas. Acting as agent for the applicant, we hereby request this determination be reviewed by your office and a verification letter be issued after having concurred with our findings.

To facilitate the review and approval process, please find the following attached information:

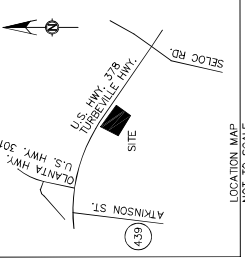
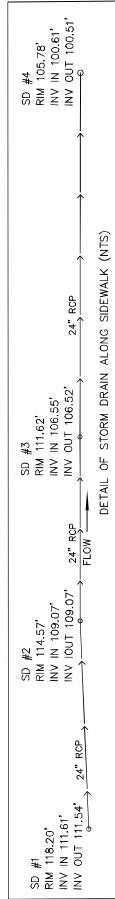
- Boundary plat prepared by F. Davis Mitchum dated December 10, 2021
- USACE Jurisdictional Determination (JD) / Delineation form
- Exhibit 1 -Vicinity Map
- Exhibit 2 - USGS Topographic Map Exhibit
- Exhibit 3 – Aerial Photograph with Data Point Locations
- Exhibit 4 - Soil Survey Exhibit
- Exhibit 5 – USF&WS National Wetland Inventory Exhibit
- Representative Site Photographs
- Data Sheets

Please notify us when you schedule your on-site inspection so we can be available to accompany you. Should you have any questions or require additional information to facilitate your review, please advise.

Sincerely,

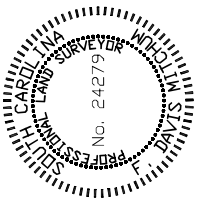
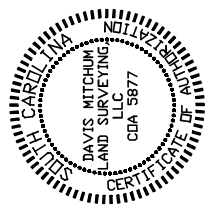
Charles C. Oates, Jr.  
Partner / Project Manager

A PORTION OF TAX MAP# 316-16-04-010-00



THIS PROPERTY LIES IN ZONE X  
 ACCORDING TO FLOOD INSURANCE RATE  
 MAP#45027C0020C, EFFECTIVE DATE  
 AUGUST 19, 2013.

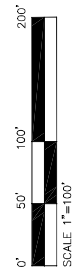
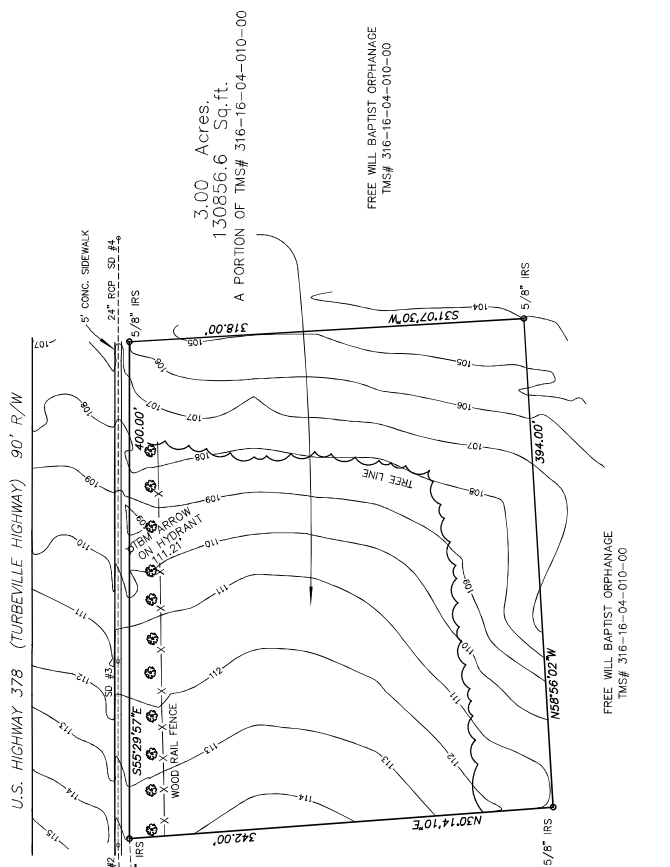
GRID NORTH  
 S.C. STATE PLANE  
 NAD 83 (2011)



F. DAVIS MITCHUM, S.C.P.L.S. NO. 24279 DATE  
 DAVIS MITCHUM LAND SURVEYING, LLC  
 P.O. BOX 758, 5038 SILVER RD.  
 MANNING, SC 29102  
 TELEPHONE (803) 473-6565  
 dmitchumlandsurveying@gmail.com

- NOTES:
1. THIS IS NOT A VALID, TRUE COPY OF THIS DOCUMENT UNLESS IT BEARS THE ORIGINAL SIGNATURE, SIGNATURE DATE, AND THE RAISED EMBOSSED SEAL OF THE REGISTERED PROFESSIONAL LAND SURVEYOR NOTED HEREON.
  2. ANYTHING SHOWN OUTSIDE THE DEFINED BOUNDARY OF THIS PLAT IS FOR DESCRIPTIVE PURPOSES ONLY.
  3. THE SURVEY SHOWN HEREON IS BASED ONLY ON THE DOCUMENTS SPECIFICALLY LISTED IN THE REFERENCES SECTION OF THIS PLAT. THIS PROPERTY MAY BE SUBJECT TO ANY INFORMATION WHICH A CURRENT AND ACCURATE TITLE REPORT WOULD REVEAL.
  4. CONTOUR INTERVAL IS 1 FOOT, VERTICAL DATUM IS NAVD 88.

- REFERENCE:
1. PLAT BOOK 1214, PAGE 6



TOPOGRAPHIC PLAT  
 OF  
 A TRACT OF LAND  
 FOR  
 CLARENDON COUNTY  
 FIRE RESCUE

SURVEY COMPLETED DECEMBER 10, 2021

I HEREBY STATE TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREIN WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN; ALSO THERE ARE NO VISIBLE ENROACHMENTS OR PROJECTIONS OTHER THAN SHOWN.

THIS DRAWING IS THE PROPERTY OF DAVIS MITCHUM LAND SURVEYING, LLC AND IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART. IT IS ONLY TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN AND IS NOT TO BE USED ON ANY OTHER PROJECT.

U.S. Army Corps of Engineers – Charleston District - Regulatory Division  
**REQUEST FOR CORPS JURISDICTIONAL DETERMINATION (JD) / DELINEATION**  
 (For Jurisdictional Status and Identifying Wetlands and Other Aquatic Resources)

The Regulatory Division is now offering paperless/electronic documents as a primary means of accepting project submittals and responding to requests. While electronic submittals are preferred, we will continue to accept paper documents that meet our file requirements in order to accommodate those with limited computer access. Depending on the project location, requests should be submitted to the appropriate office below. Please visit <https://www.sac.usace.army.mil/Missions/Regulatory/Electronic-Submittals/> for additional information on electronic submittals.

<b>Charleston Office:</b> 69A Hagood Avenue Charleston, SC 29403 843-329-8044 SAC.RD.Charleston@usace.army.mil	<b>Columbia Office:</b> 1519 Taylor Street Columbia, SC 29201 803-253-3444 SAC.RD.Columbia@usace.army.mil	<b>Conway Office:</b> 1949 Industrial Park Road, Room 140 Conway, SC 29526 843-365-4239 SAC.RD.Conway@usace.army.mil	<b>Greenville Office:</b> 750 Executive Center Dr, Suite 103 Greenville, SC 29615 864-609-4326 SAC.RD.Greenville@usace.army.mil
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**I. PROPERTY AND AGENT INFORMATION**

**A. Site Details/Location:**

Site Name: Turbeville Fire Station 2 Date: June 30, 2023  
 City/Township/Parish: Turbeville County: Clarendon  
 Latitude/Longitude: 33.893 / -80.007 Acreage: 3 Ac+/-  
 Tax Map Sequence (TMS) #(s): Portion of 316-04-017-00  
 Property Address(es): US Highway 378

An accurate depiction of the review area must be provided (survey, tax map, **OR** GPS coordinates). Tax maps may only be used if the site includes the entire tax map parcel. **See the attached Checklist for information that should be submitted for a complete and proper submittal.**

**B. Requestor of Jurisdictional Determination/Delineation (if there are multiple property owners, please attach additional pages)**

Name: Susan R. McRae Company Name (if applicable): Alliance Consulting Engineers, Inc.  
 Address: Post Office Box 8147, Columbia, SC 29202-8147  
 Phone: (803) 779-2078 Email: smacrae@alliancece.com  
 Check one:  I currently own this property  I plan to purchase this property  Other: Project Engineer

**C. Agent/Environmental Consultant Acting on Behalf of the Requestor (if applicable):**

Consultant/Agent Name: Charles C. Oates, Jr.  
 Company Name: The Brigman Company  
 Address: Post Office Box 1532, Conway, SC 29528 Phone: (843) 450-1331  
 Email: COates@TheBrigmanCompany.com

**II. REASON FOR REQUEST (check all that apply):**

- I intend to construct/develop a project or perform activities on this site which would be designed to avoid all aquatic resources.
- I intend to construct/develop a project or perform activities on this site which would be designed to avoid all jurisdictional aquatic resources under Corps authority.
- I intend to construct/develop a project or perform activities on this site which may require authorization from the Corps, and the Jurisdictional Determination would be used to avoid and minimize impacts to jurisdictional aquatic resources and as an initial step in a future permitting process.
- I intend to construct/develop a project or perform activities on this site which may require authorization from the Corps; this request is accompanied by my permit application and the jurisdictional determination is to be used in the permitting process.
- I intend to construct/develop a project or perform activities in a navigable water of the U.S. which is subject to the ebb and flow of the tide.
- A Corps jurisdictional determination is required in order to obtain my local/state authorization.
- I intend to contest jurisdiction over a particular aquatic resource and the request the Corps to confirm that jurisdiction does/does not exist over the aquatic resource on the parcel.
- I believe that the site may be comprised entirely of dry land.
- Other: \_\_\_\_\_

\*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 Program of the U.S. Army Corps of Engineers; Final Rule for 33 CFR Parts 320-332.  
 Principal Purpose: The information that you provide will be used in evaluating your request to determine whether there are any aquatic resources within the project area subject to federal jurisdiction under the regulatory authorities referenced above.  
 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. Your name and property location where federal jurisdiction is to be determined will be included in the approved jurisdictional determination (AJD), which will be made available to the public on the District's website and on the Headquarters USACE website.  
 Disclosure: Submission of requested information is voluntary; however, if information is not provided, the request for an jurisdictional determination cannot be evaluated nor can a jurisdictional determination be issued.

### III. TYPE OF REQUEST:

<sup>1</sup>Delineation Concurrence (DC) – A DC provides concurrence that the delineated boundaries of wetlands on a property are a reasonable representation of the aquatic resources on-site. A DC does not address the jurisdictional status of the aquatic resources. (NOTE: A DC is generally the quickest type of standalone request for the Corps to review and process.)

<sup>2</sup>Approved – An AJD is defined in Corps regulations at 33 CFR 331.2. As explained in further detail in RGL 16-01, an AJD is used to indicate that this office has identified the presence or absence of wetlands and/or other aquatic resources on a site, including their accurate location(s) and boundaries, as well as their jurisdictional status. AJDs are valid for 5 years.

<sup>3</sup>Preliminary – A PJD is defined in Corps regulations at 33 CFR 331.2. As explained in further detail in RGL 16-01, a PJD is used to indicate that this office has identified the approximate location(s) and boundaries of wetlands and/or other aquatic resources on a site that are presumed to be subject to regulatory jurisdiction of the Corps of Engineers. Unlike an AJD, a PJD does not represent a definitive, official determination that there are, or that there are not, jurisdictional aquatic resources on a site, and does not have an expiration date.

<sup>4</sup> “No Permit Required” (NPR) Letter- A NPR letter may be provided by the Corps to notify the requestor that an activity will not require a permit (authorization) from the Corps; this letter can only be used if the proposed activity is not a regulated activity, regardless of where the activity may occur. A NPR letter cannot be used to indicate the presence or absence of wetlands and/or other aquatic resources, nor can it be used to determine their jurisdictional status.

**NOTE 1: Pre-approved Delineations and/or JDs are NOT a pre-requisite for submitting a DA permit application. Requests for JDs and/or DCs that are not associated with a DA permit application (Standalone Delineation / JD requests) will be reviewed and processed as time allows and based on available resources.**

**NOTE 2: Although not a requirement, it is recommended that Standalone requests be prepared and submitted by an environmental consultant to expedite the review process.**

#### Select the Appropriate Request:

Pre-Construction Notification or Department of the Army permit application

- with Delineation only (no written concurrence of delineation)
- with Delineation Concurrence<sup>1</sup>
- with Preliminary Jurisdictional Determination (PJD)<sup>3</sup>
- with Approved Jurisdictional Determination (AJD)<sup>2</sup>

Standalone Delineation / Jurisdictional Determination

*Standalone Delineation / Jurisdictional Determination requests will be reviewed and processed as time allows and based on available resources.*

- Delineation Concurrence<sup>1</sup>
- Preliminary Jurisdictional Determination (PJD)<sup>3</sup>
- Approved Jurisdictional Determination (AJD)<sup>2</sup>

I request that the **Corps delineate** the wetlands and/or other aquatic resources that may be present on my property.

*These requests have historically been conducted as a courtesy for private property owners for minor actions. Due to current workload and priorities, the Charleston District Regulatory Division will only provide this service on a limited basis for private individuals on small tracts of land (typically 1 acre or less).*

- with the attached Pre-Construction Notification or Department of the Army permit application  
*(This may delay processing times. The review of the permit application will not start until the delineation has been completed by the Corps.)*
- with a Delineation Only, an AJD or PJD

**“No Permit Required” (NPR) Letter** as I believe my proposed activity is not regulated<sup>4</sup>

**Unclear** and require additional information to inform my decision.

### IV. LEGAL RIGHT OF ENTRY

By signing below, I am indicating that I have the authority, or am acting as the duly authorized agent of a person or entity with such authority, to and do hereby grant U.S. Army Corps of Engineers personnel right of entry to legally access the property(ies) subject to this request for the purposes of conducting on-site investigations (e.g., digging and refilling shallow holes) and issuing a jurisdictional determination. I acknowledge that my signature is an affirmation that I possess the requisite property rights to request a jurisdictional determination on the properties subject to this request.

Post Office Box 1532, Conway, SC 29528

Mailing Address

COates@TheBrigmanCompany.com

Email Address

Charles C. Oates, Jr. Digitally signed by Charles C. Oates, Jr.  
Date: 2023.06.30 08:34:28 -04'00'

\*Signature:

US Highway 378 / 316-16-04-017-00

Property Address / TMS #(s)

(843) 450-1331

Daytime Phone Number

Charles C. Oates, Jr. / June 30, 2023

Printed Name and Date

\*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 Program of the U.S. Army Corps of Engineers; Final Rule for 33 CFR Parts 320-332.

Principal Purpose: The information that you provide will be used in evaluating your request to determine whether there are any aquatic resources within the project area subject to federal jurisdiction under the regulatory authorities referenced above.

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. Your name and property location where federal jurisdiction is to be determined will be included in the approved jurisdictional determination (AJD), which will be made available to the public on the District's website and on the Headquarters USACE website.

Disclosure: Submission of requested information is voluntary; however, if information is not provided, the request for an jurisdictional determination cannot be evaluated nor can a jurisdictional determination be issued.



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



Exhibit 1 - Site Vicinity Map  
 Turbeville Fire Station 2  
 TMS# 316-16-04-017-00  
 Turbeville, Clarendon County, SC  
 June 2023



1" = 1 miles





Copyright:© 2013 National Geographic Society, i-cubed



**TBC**  
THE BRIGMAN CO.

Exhibit 2 - USGS Topographic Map  
 Turbeville Fire Station 2  
 TMS# 316-16-04-017-00  
 Turbeville, Clarendon County, SC  
 June 2023



1" = 400'









Exhibit 4 - USDA / SCS Soils Map  
 Turbeville Fire Station 2  
 TMS# 316-16-04-017-00  
 Turbeville, Clarendon County, SC  
 June 2023

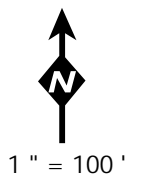






Exhibit 5 - USF&WS NWI Map  
 Turbeville Fire Station 2  
 TMS# 316-16-04-017-00  
 Turbeville, Clarendon County, SC  
 June 2023



1" = 300'





1 Non-hydric soil sample at Data Point 1.



2 Data Point 1 facing north.



3 Data Point 1 facing northwest.



4 Data Point 1 facing northeast.



Site Photographs  
Turbeville Fire Station 2  
Turbeville, Clarendon County, SC

Project No.: 01967-23155

Taken by: CO

Date Taken: 6/29/23



**WETLAND DETERMINATION DATA FORM - Atlantic and Gulf Coastal Plain Region**

**Project/Site:** Turbeville Fire Station 2 **City/County:** Turbeville/Clarendon **Sampling Date:** 29-Jun-23  
**Applicant/Owner:** Alliance Consulting Engineers, Inc. **State:** SC **Sampling Point:** DP1  
**Investigator(s):** Charles Oates **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Upland **Local relief (concave, convex, none):** undulating **Slope:** 2.0 % / 1.1 °  
**Subregion (LRR or MLRA):** LRR T **Lat.:** 33.8919 **Long.:** -80.0065 **Datum:** NAD83  
**Soil Map Unit Name:** USDA SCS has the soils mapped as Lynchburg **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  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 <input checked="" type="radio"/> No <input type="radio"/> Hydric Soil Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
Remarks:	

**HYDROLOGY**

<b>Wetland Hydrology Indicators:</b>		Secondary Indicators (minimum of 2 required)
Primary Indicators (minimum of one required; check all that apply)		
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> Marl Deposits (B15) (LRR U) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> FAC-Neutral Test (D5) <input type="checkbox"/> Sphagnum moss (D8) (LRR T, U)
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: Primary and/or secondary indicators of Hydrology were not present at this location.		

**VEGETATION (Five/Four Strata) - Use scientific names of plants.**

Sampling Point: DP1

Tree Stratum (Plot size: <u>30'</u> )		Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status
1.	<u>Pinus taeda</u>	<u>30</u>	<input checked="" type="checkbox"/> 75.0%	<u>FAC</u>
2.	<u>Liquidambar styraciflua</u>	<u>10</u>	<input checked="" type="checkbox"/> 25.0%	<u>FAC</u>
3.		<u>0</u>	<input type="checkbox"/> 0.0%	
4.		<u>0</u>	<input type="checkbox"/> 0.0%	
5.		<u>0</u>	<input type="checkbox"/> 0.0%	
6.		<u>0</u>	<input type="checkbox"/> 0.0%	
7.		<u>0</u>	<input type="checkbox"/> 0.0%	
8.		<u>0</u>	<input type="checkbox"/> 0.0%	
50% of Total Cover: <u>20</u>		20% of Total Cover: <u>8</u>	<u>40</u>	<b>= Total Cover</b>
Sapling or Sapling/Shrub Stratum (Plot size: _____)		Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status
1.		<u>0</u>	<input type="checkbox"/> 0.0%	
2.		<u>0</u>	<input type="checkbox"/> 0.0%	
3.		<u>0</u>	<input type="checkbox"/> 0.0%	
4.		<u>0</u>	<input type="checkbox"/> 0.0%	
5.		<u>0</u>	<input type="checkbox"/> 0.0%	
6.		<u>0</u>	<input type="checkbox"/> 0.0%	
7.		<u>0</u>	<input type="checkbox"/> 0.0%	
8.		<u>0</u>	<input type="checkbox"/> 0.0%	
50% of Total Cover: <u>0</u>		20% of Total Cover: <u>0</u>	<u>0</u>	<b>= Total Cover</b>
Shrub Stratum (Plot size: <u>30'</u> )		Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status
1.	<u>Ligustrum sinense</u>	<u>40</u>	<input checked="" type="checkbox"/> 100.0%	<u>FAC</u>
2.		<u>0</u>	<input type="checkbox"/> 0.0%	
3.		<u>0</u>	<input type="checkbox"/> 0.0%	
4.		<u>0</u>	<input type="checkbox"/> 0.0%	
5.		<u>0</u>	<input type="checkbox"/> 0.0%	
6.		<u>0</u>	<input type="checkbox"/> 0.0%	
50% of Total Cover: <u>20</u>		20% of Total Cover: <u>8</u>	<u>40</u>	<b>= Total Cover</b>
Herb Stratum (Plot size: <u>30'</u> )		Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status
1.	<u>Phytolacca americana</u>	<u>30</u>	<input checked="" type="checkbox"/> 100.0%	<u>FACU</u>
2.		<u>0</u>	<input type="checkbox"/> 0.0%	
3.		<u>0</u>	<input type="checkbox"/> 0.0%	
4.		<u>0</u>	<input type="checkbox"/> 0.0%	
5.		<u>0</u>	<input type="checkbox"/> 0.0%	
6.		<u>0</u>	<input type="checkbox"/> 0.0%	
7.		<u>0</u>	<input type="checkbox"/> 0.0%	
8.		<u>0</u>	<input type="checkbox"/> 0.0%	
9.		<u>0</u>	<input type="checkbox"/> 0.0%	
10.		<u>0</u>	<input type="checkbox"/> 0.0%	
11.		<u>0</u>	<input type="checkbox"/> 0.0%	
12.		<u>0</u>	<input type="checkbox"/> 0.0%	
50% of Total Cover: <u>15</u>		20% of Total Cover: <u>6</u>	<u>30</u>	<b>= Total Cover</b>
Woody Vine Stratum (Plot size: <u>30'</u> )		Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status
1.	<u>Vitis rotundifolia</u>	<u>20</u>	<input checked="" type="checkbox"/> 100.0%	<u>FAC</u>
2.		<u>0</u>	<input type="checkbox"/> 0.0%	
3.		<u>0</u>	<input type="checkbox"/> 0.0%	
4.		<u>0</u>	<input type="checkbox"/> 0.0%	
5.		<u>0</u>	<input type="checkbox"/> 0.0%	
50% of Total Cover: <u>10</u>		20% of Total Cover: <u>4</u>	<u>20</u>	<b>= Total Cover</b>

**Dominance Test worksheet:**

Number of Dominant Species That are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 80.0% (A/B)

**Prevalence Index worksheet:**

Total % Cover of: \_\_\_\_\_ Multiply by: \_\_\_\_\_

OBL species 0 x 1 = 0

FACW species 0 x 2 = 0

FAC species 100 x 3 = 300

FACU species 30 x 4 = 120

UPL species 0 x 5 = 0

Column Totals: 130 (A) 420 (B)

Prevalence Index = B/A = 3.231

- Hydrophytic Vegetation Indicators:**
- 1 - Rapid Test for Hydrophytic Vegetation
  - 2 - Dominance Test is > 50%
  - 3 - Prevalence Index is ≤ 3.0<sup>1</sup>
  - Problematic Hydrophytic Vegetation<sup>1</sup> (Explain)
- <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Definition of Vegetation Strata:**

Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).

Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.

Sapling/Shrub - Woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1m) tall.

Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.

Herb - All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody plants, except woody vines, less than approximately 3 ft (1 m) in height.

Woody vine - All woody vines, regardless of height.

**Hydrophytic Vegetation Present?** Yes  No

Remarks: (If observed, list morphological adaptations below).

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.



