



Appendix D – Preliminary Jurisdictional Determination





DEPARTMENT OF THE ARMY
CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A HAGOOD AVENUE
CHARLESTON, SC 29403

22 October 2019

Regulatory Division

Mr. Jason McMaster
HDR Engineering, Inc.
4400 Leeds Avenue, Suite 450
North Charleston, South Carolina 29405
james.mcmaster@hdrinc.com

Dear Mr. McMaster:

This is in response to your request for a Preliminary Jurisdictional Determination (PJD) (SAC-2018-00205) received in our office on June 19, 2019, for a 680-acre site located on SC 41 between US Highway 17 and the Wando River, Mt. Pleasant, Charleston County, South Carolina (Latitude: 32.892°, Longitude: -79.813°). A PJD is used to indicate the approximate location(s) and boundaries of wetlands and/or other aquatic resources presumed to be waters of the United States on a site pursuant to Section 404 of the Clean Water Act (CWA) (33 U.S.C. § 1344) and/or navigable waters of the United States pursuant to Section 10 of the Rivers and Harbors Act of 1899 (RHA) (33 U.S.C. § 403).

The site is shown on the attached depiction entitled "SC 41 Corridor Improvements Project Delineated Waters of the U.S." (Figures 6A-6N, including Index Sheet) and dated August 23, 2019, prepared by HDR Engineering. Based upon on-site inspection, a review of aerial photography, topographic maps, National Wetlands Inventory maps, soil survey information, and Wetland Determination Data Form(s), we conclude the boundaries shown on the referenced depiction are a reasonable approximation of the aquatic resources found within the site that are presumed to be subject to regulatory jurisdiction of the Corps of Engineers. The site contains approximately 108.78 acres of federally defined wetlands and other waters (open waters), and approximately 4,789 linear feet of other aquatic resources that are presumed to be waters of the United States subject to Corps' jurisdiction under Section 404 of the CWA; these waters include 42.61 acres of federally defined wetlands and approximately 2,658 linear feet of aquatic resources that are also navigable waters of the United States subject to Corps' jurisdiction under Section 10 of the RHA.

You are cautioned the boundaries of the delineated wetlands and/or other aquatic resources presumed to be subject to regulatory jurisdiction of the Corps of Engineers shown on the attached depiction are approximate and subject to change.

By providing this PJD, the Corps of Engineers is making no legally binding determination of any type regarding whether jurisdiction exists over the particular aquatic resource(s) in question. This PJD is not a definitive determination of the presence or absence of areas within the Corps of Engineers' jurisdiction, and, therefore, it does not have an expiration date. Also note this PJD is not an appealable action under the Corps of Engineers' administrative appeal procedures defined at 33 CFR 331 as it is not a final action. A PJD is "preliminary" in the sense that a recipient of a PJD can later request and obtain an Approved Jurisdictional Determination (AJD) for a definitive, official determination of the presence or absence of jurisdictional aquatic

resources on a site, including the identification of the geographic limits of the jurisdictional aquatic resources. To receive a definitive determination of jurisdiction, you must submit an AJD request.

Be aware a permit from this office may be required for certain activities in the areas identified as wetlands and/or other aquatic resources that are presumed to be subject to regulatory jurisdiction of the Corps of Engineers. These areas may further be subject to restrictions or requirements of other state or local government agencies. A PJD may be used as the basis of a permit decision however, when computing impacts, compensatory mitigation requirements, and other resource protection measures, a permit decision made on the basis of a PJD will treat all aquatic resources affected in any way by the permitted activity as jurisdictional. If you intend to request an AJD in the future, you are advised not to commence work in these wetlands and/or other aquatic resources presumed to be jurisdictional prior to receiving the AJD. Attached is a Preliminary Jurisdictional Determination Form describing the areas in question and clarifying the option to request an AJD.

If you submit a permit application as a result of this PJD, include a copy of this letter and the depiction as part of the application. Not submitting the letter and depiction will cause a delay while we confirm a PJD was performed for the proposed permit project area. Note that some or all of these areas may be regulated by other state or local government entities, and you should contact the South Carolina Department of Health and Environmental Control, Bureau of Water, or Department of Ocean and Coastal Resource Management, to determine the limits of their jurisdiction.

This PJD was conducted to identify approximate location(s) of aquatic resources presumed to be subject to regulatory jurisdiction of the Corps of Engineers on the particular site identified in this request. This PJD may not be valid for the wetland conservation provisions of the Food Security Act of 1985. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service, prior to starting work.

Attached is a copy of the Preliminary Jurisdictional Determination Form signed by our office. Please sign, retain a copy for your records, and return a signed copy to this office within 30 days of receipt of this letter.

In all future correspondence, please refer to file number SAC-2018-00205. A copy of this letter is being forwarded to State and/or Federal agencies for their information. If you have any questions, please contact Richard L. Darden, Ph.D., at (843) 329-8043, or by email at Richard.L.Darden@usace.army.mil.

Sincerely,

Date:



2019.10.22

13:51:45 -04'00'

Amanda L. Heath
Chief, Special Projects Branch

Attachments:

Preliminary Jurisdictional Determination Form

Notification of Appeal Options

SC 41 Corridor Improvements Project Delineated Waters of the U.S.

Copies Furnished:

Mr. Cal Oyer

Charleston County

4045 Bridge View Drive, Suite C204

North Charleston, South Carolina 29405

COyer@charlestoncounty.org

SCDHEC - Bureau of Water

2600 Bull Street

Columbia, South Carolina 29201

WQCWetlands@dhec.sc.gov

SCDHEC - OCRM

1362 McMillan Avenue, Suite 400

North Charleston, South Carolina 29405

OCRMPermitting@dhec.sc.gov

Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PJD: October 22, 2019

B. NAME AND ADDRESS OF PERSON REQUESTING PJD:

Applicant:

Mr. Cal Oyer
 Charleston County
 4045 Bridge View Drive, Ste C204
 North Charleston, South Carolina
 29405
 COyer@charlestoncounty.org

Consultant:

Mr. Jason McMaster
 HDR Engineering, Inc.
 4400 Leeds Avenue, Ste 450
 North Charleston, South Carolina
 29405
 james.mcmaster@hdrinc.com

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: SAC-2018-00205 SC 41 Corridor Improvements Project

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: The project is located on SC 41 between US Highway 17 and the Wando River in Mt. Pleasant, SC.

(USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES)

State: South Carolina County/parish/borough: Charleston County City: Mt. Pleasant

Center coordinates of site (lat/long in degree decimal format):

Lat.: 32.8923865576675 ° Long.: -79.813425808832 °

Universal Transverse Mercator:

Name of nearest waterbody: Wando River

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

Office (Desk) Determination. Date: October 17, 2019

Field Determination. Date(s): August 12, 2019

TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY JURISDICTION.

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
See attached					

- 1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.
- 2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there "may be" waters of the U.S. and/or that there "may be" navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for PJD (check all that apply)

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

- Maps, plans, plots or plat submitted by or on behalf of the PJD requestor:
HDR Engineering Map: Location maps and plan sheets
- Data sheets prepared/submitted by or on behalf of the PJD requestor.
 - Office concurs with data sheets/delineation report. Office concurs with report conclusions.

SAC-2018-00205 SC 41 Corridor Improvements Project

- Office does not concur with data sheets/delineation report. Rationale:
 - Data sheets prepared by the Corps:
 - Corps navigable waters' study:
 - U.S. Geological Survey Hydrologic Atlas:
 - USGS NHD data. USGS 8 and 12 digit HUC maps.
 - U.S. Geological Survey map(s). Cite scale & quad name: Cainhoy and Fort Moultrie Quadrangles
 - Natural Resources Conservation Service Soil Survey. Citation: Charleston and Berkeley Counties
 - National wetlands inventory map(s). Cite name: Charleston and Berkeley Counties, 2017.
 - State/local wetland inventory map(s):
 - FEMA/FIRM maps:
 - 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
 - Photographs: Aerial (Name & Date): Charleston County
 - Other (Name & Date): HDR Engineering site photographs
 - Previous determination(s). File no. and date of response letter:
 - Other information (please specify):

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

DARDEN.RICHARD
.LESTER.12832572
11

Digitally signed by
DARDEN.RICHARD.LESTER.12
83257211
Date: 2019.10.22 09:18:39 -04'00'

Signature and date of
Regulatory staff member
completing PJD



11/15/2019

Signature and date of
person requesting PJD
(REQUIRED, unless obtaining the
signature is impracticable)¹

¹ Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Charleston County	File Number: SAC-2018-00205	Date: 22 Oct 2019
Attached is:		See Section below
<input type="checkbox"/>	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
<input type="checkbox"/>	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
<input type="checkbox"/>	PERMIT DENIAL	C
<input type="checkbox"/>	APPROVED JURISDICTIONAL DETERMINATION	D
<input checked="" type="checkbox"/>	PRELIMINARY JURISDICTIONAL DETERMINATION	E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://usace.army.mil/inet/functions/cw/cecwo/reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the Division Engineer, South Atlantic Division, 60 Forsyth St, SW, Atlanta, GA 30308-8801. This form must be received by the Division Engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD **is not appealable**. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact the Corps biologist who signed the letter to which this notification is attached. The name and telephone number of this person is given at the end of the letter.

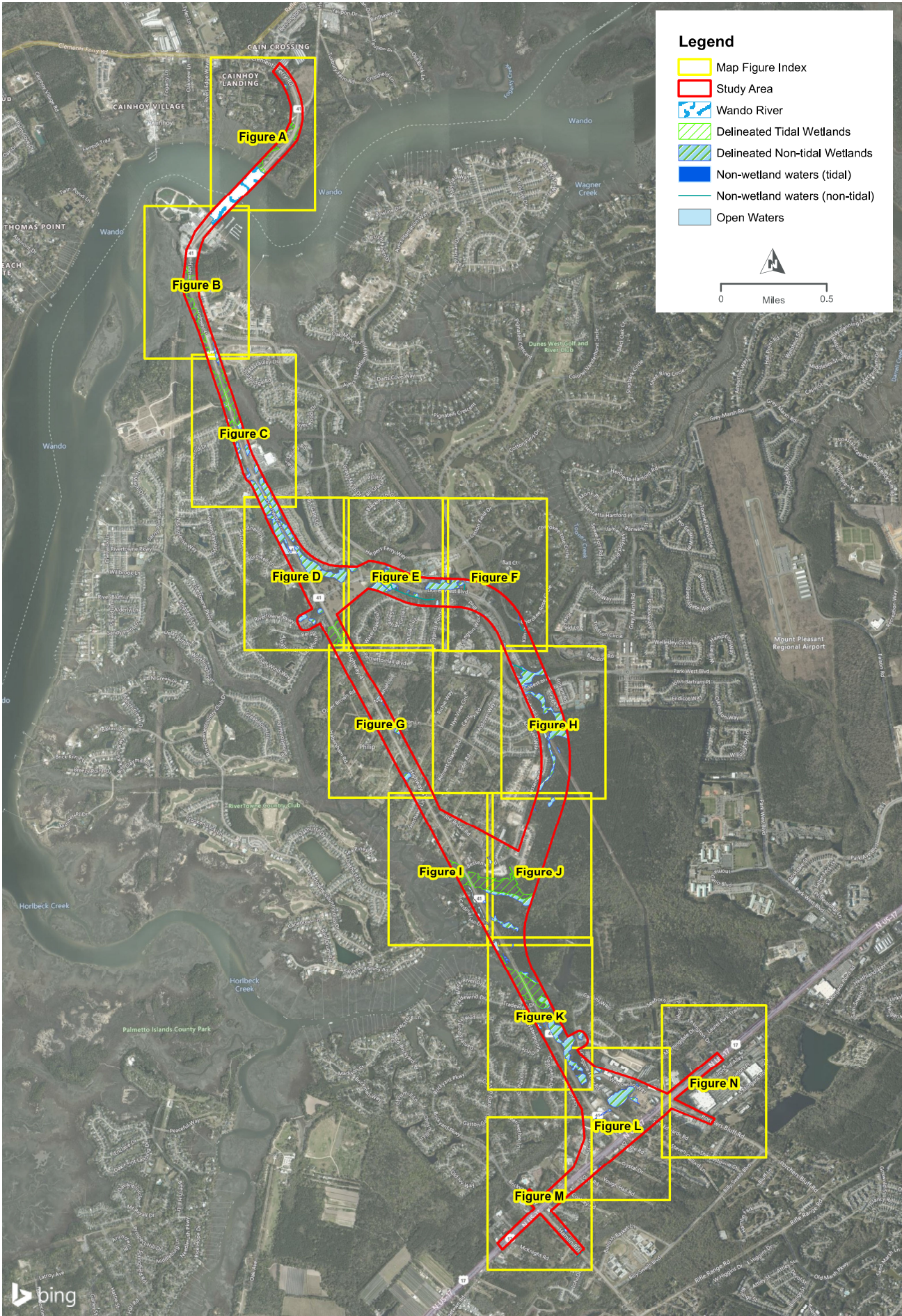
If you only have questions regarding the appeal process you may also contact: Jason W. Steele
Administrative Appeals Review Officer
USACE South Atlantic Division
60 Forsyth St, SW
Atlanta, GA 30308-8801
(404) 562-5137

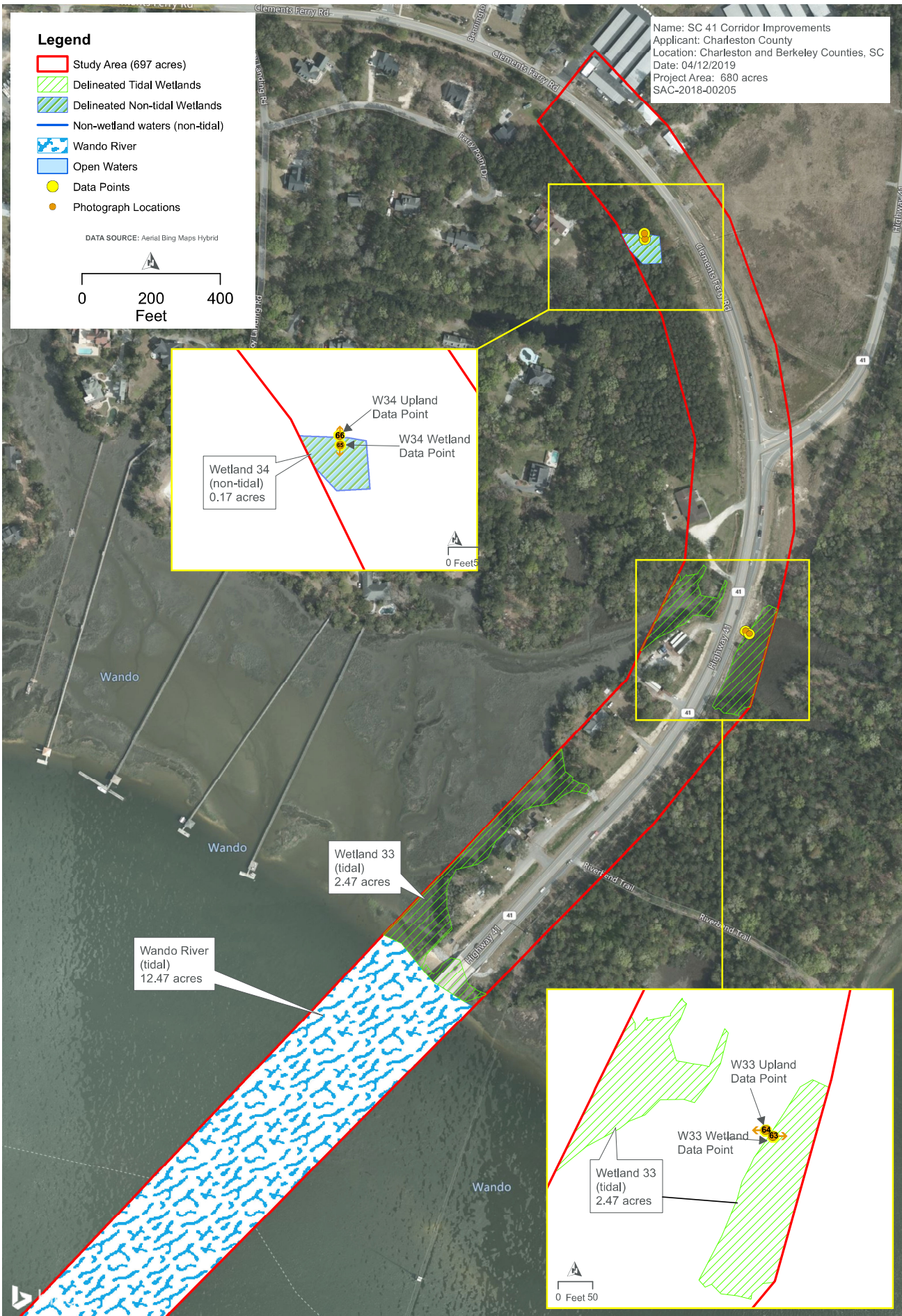
RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

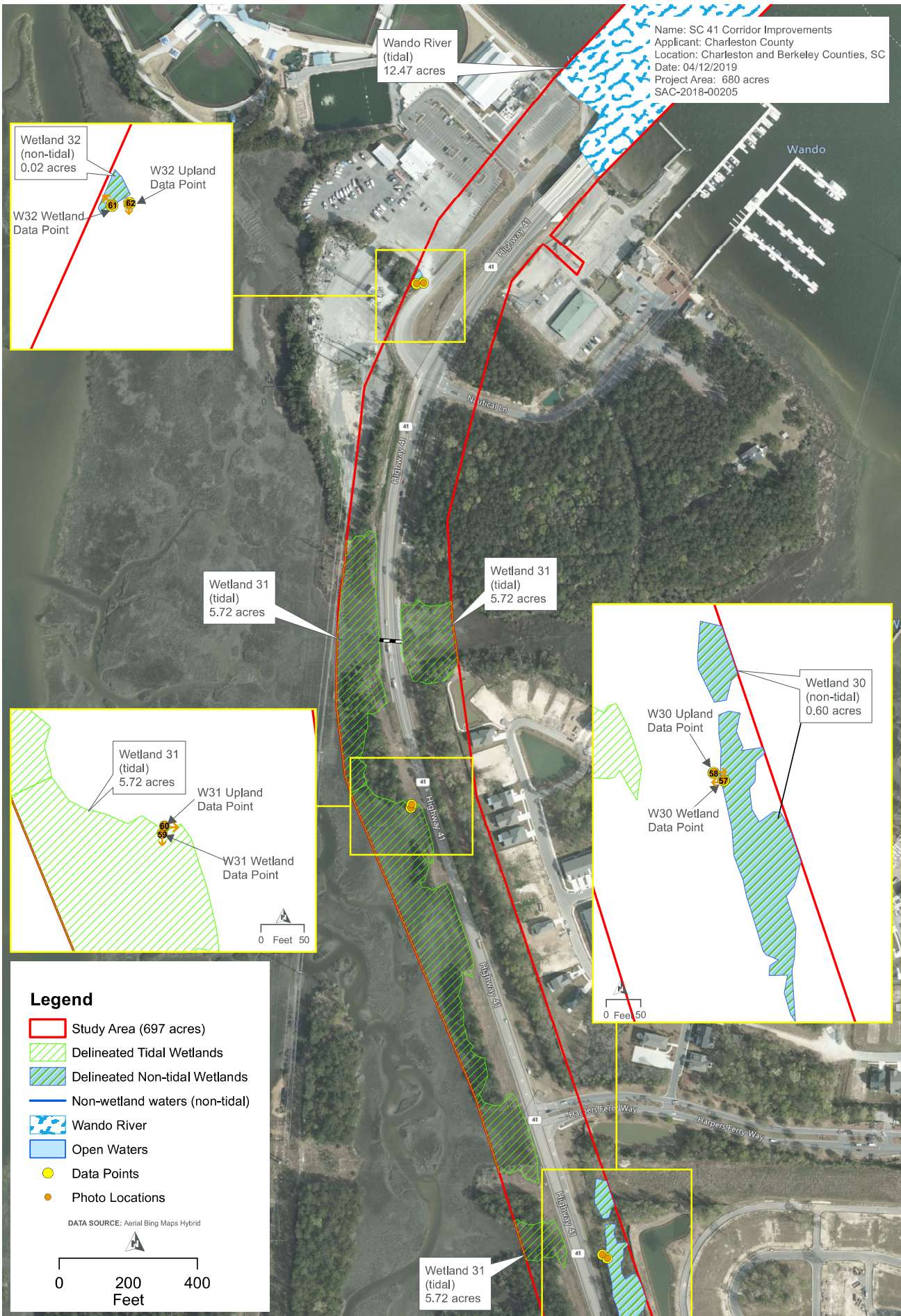
Signature of appellant or agent.

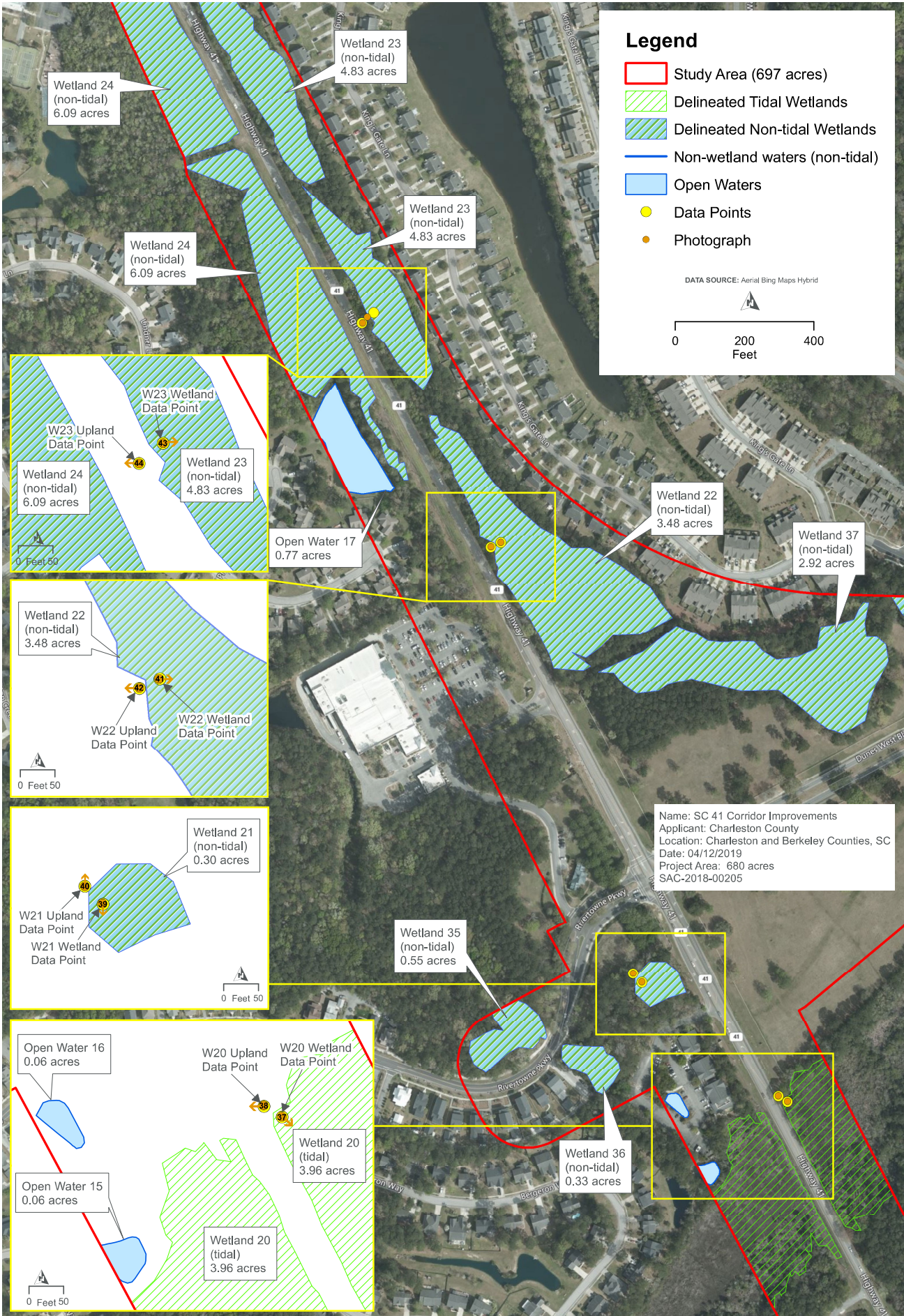
Date:

Telephone number:









Legend

- Study Area (697 acres)
- Delineated Tidal Wetlands
- Delineated Non-tidal Wetlands
- Non-wetland waters (non-tidal)
- Open Waters
- Data Points
- Photograph

DATA SOURCE: Aerial Bing Maps Hybrid



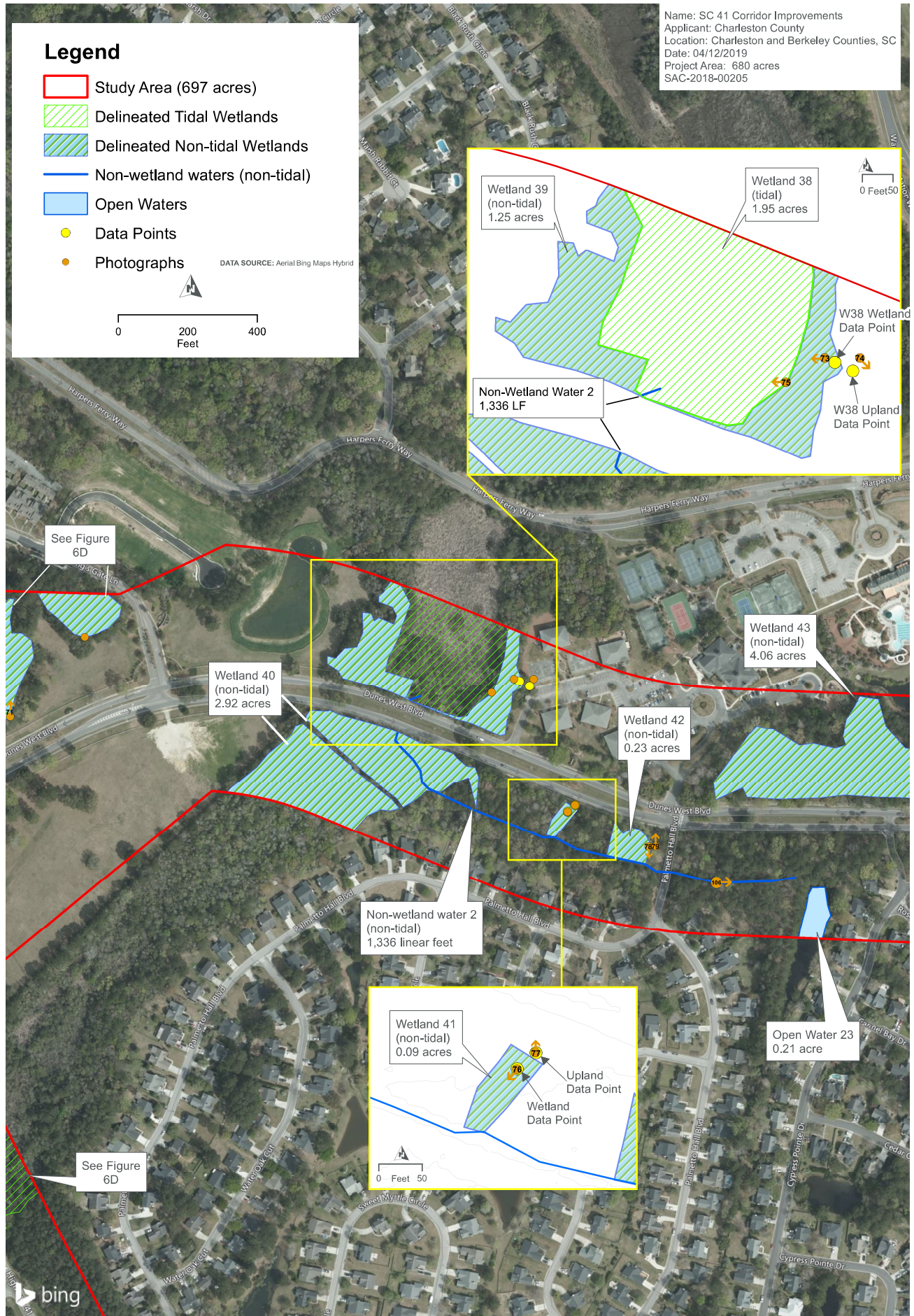
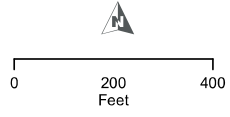
Name: SC 41 Corridor Improvements
 Applicant: Charleston County
 Location: Charleston and Berkeley Counties, SC
 Date: 04/12/2019
 Project Area: 680 acres
 SAC-2018-00205

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 Applicant: Charleston County
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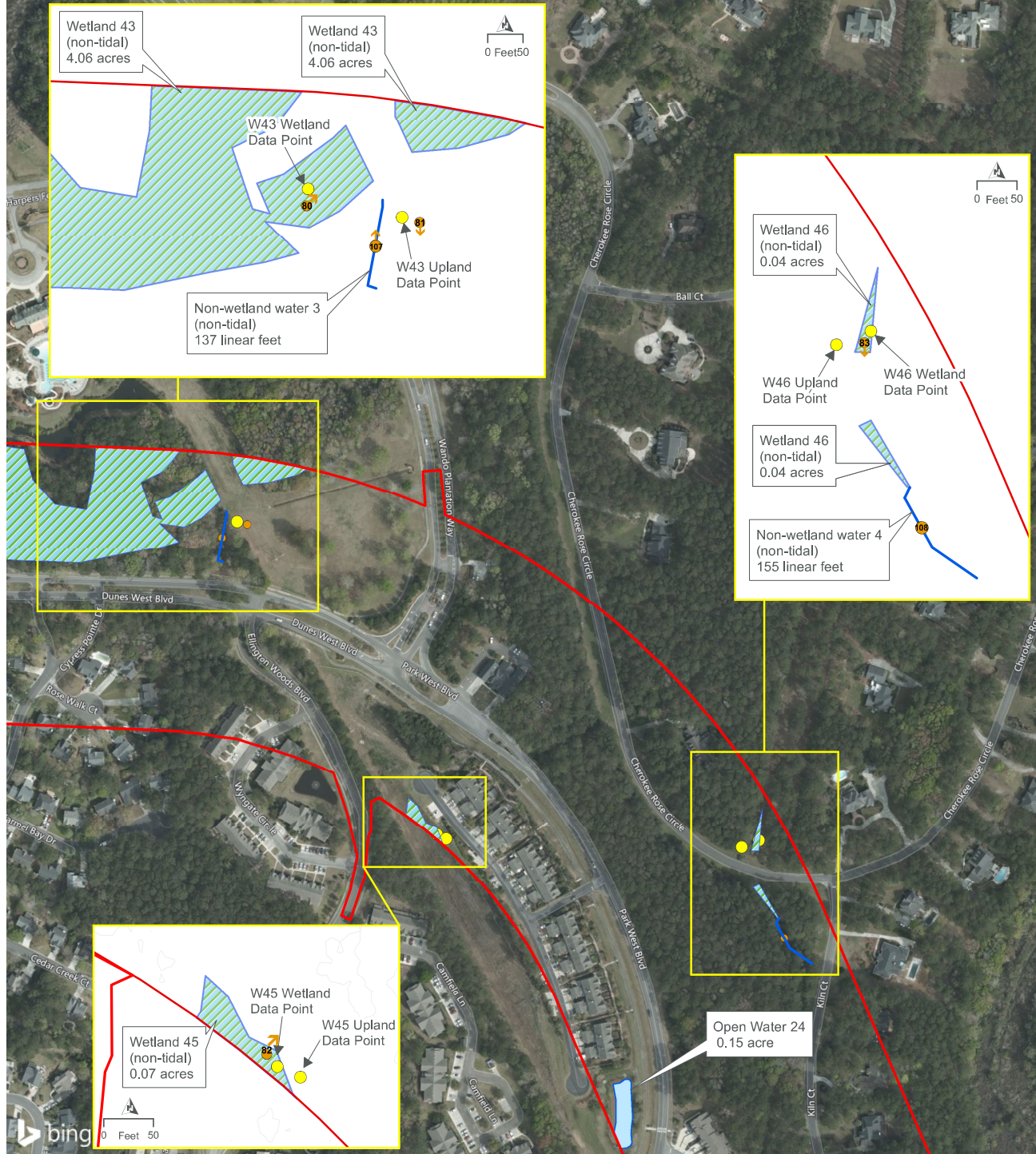
DATA SOURCE: Aerial Bing Maps Hybrid



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- DATA SOURCE: Aerial Bing Maps Hybrid
- 0 200 400
Feet

Name: SC 41 Corridor Improvements
 Applicant: Charleston County
 Location: Charleston and Berkeley Counties, SC
 Date: 04/12/2019
 Project Area: 680 acres
 SAC-2018-00205

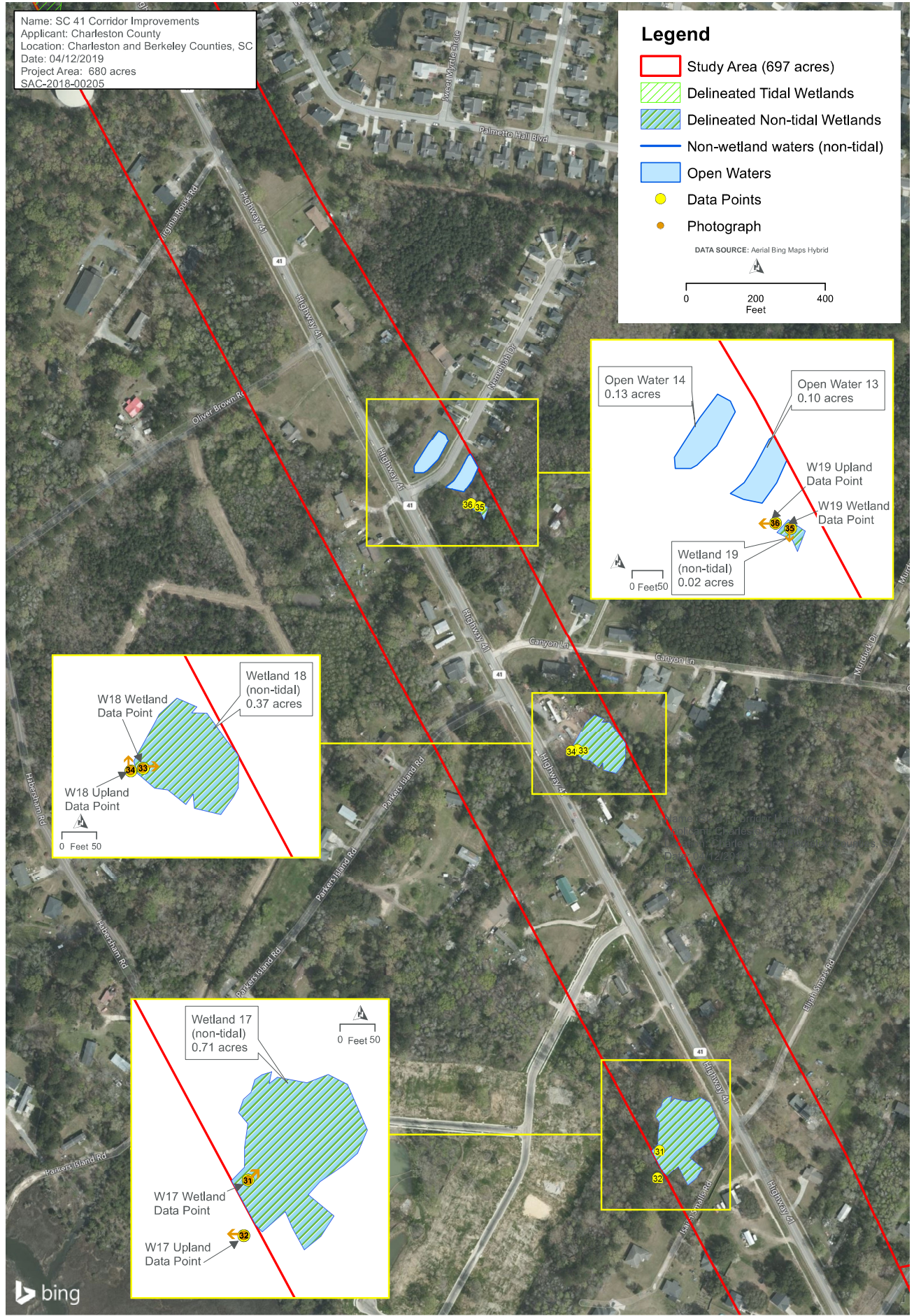


Name: SC 41 Corridor Improvements
 Applicant: Charleston County
 Location: Charleston and Berkeley Counties, SC
 Date: 04/12/2019
 Project Area: 680 acres
 SAC-2018-00205

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DATA SOURCE: Aerial Bing Maps Hybrid



Open Water 14
0.13 acres

Open Water 13
0.10 acres

W19 Upland Data Point

W19 Wetland Data Point

Wetland 19 (non-tidal)
0.02 acres

0 Feet 50

W18 Wetland Data Point

W18 Upland Data Point

Wetland 18 (non-tidal)
0.37 acres

0 Feet 50

Wetland 34 (non-tidal)
0.02 acres

Wetland 17 (non-tidal)
0.71 acres

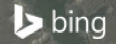
W17 Wetland Data Point

W17 Upland Data Point

0 Feet 50

Wetland 31 (non-tidal)
0.02 acres

Wetland 32 (non-tidal)
0.02 acres



Name: SC 41 Corridor Improvements
 Applicant: Charleston County
 Location: Charleston and Berkeley Counties, SC
 Date: 04/12/2019
 Project Area: 680 acres
 SAC-2018-00205

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DATA SOURCE: Aerial Bing Maps Hybrid

0 200 400 Feet

Non-Wetland Water 1
114 linear feet

Culvert
24 linear feet

Wetland 16
(tidal)
13.37 acres

0 Feet 50

Open Water 12
0.17 acre

W16 Wetland Data Point

W16 Upland Data Point

Wetland 16
(tidal)
13.37 acres

Culvert
53 linear feet

Wetland 16
(tidal)
13.37 acres

0 Feet 50

Wetland 16
(tidal)
13.37 acres

Wetland 16
(tidal)
13.37 acres

Wetland 16
(tidal)
13.37 acres

Open Water 11
0.22 acre

Wetland 55
(non-tidal)
2.51 acres

Open Water 10
0.07 acre

Open Water 10
0.07 acre

Wetland 15
(non-tidal)
0.07 acres

W15 Upland Data Point

W15 Wetland Data Point

0 Feet 50

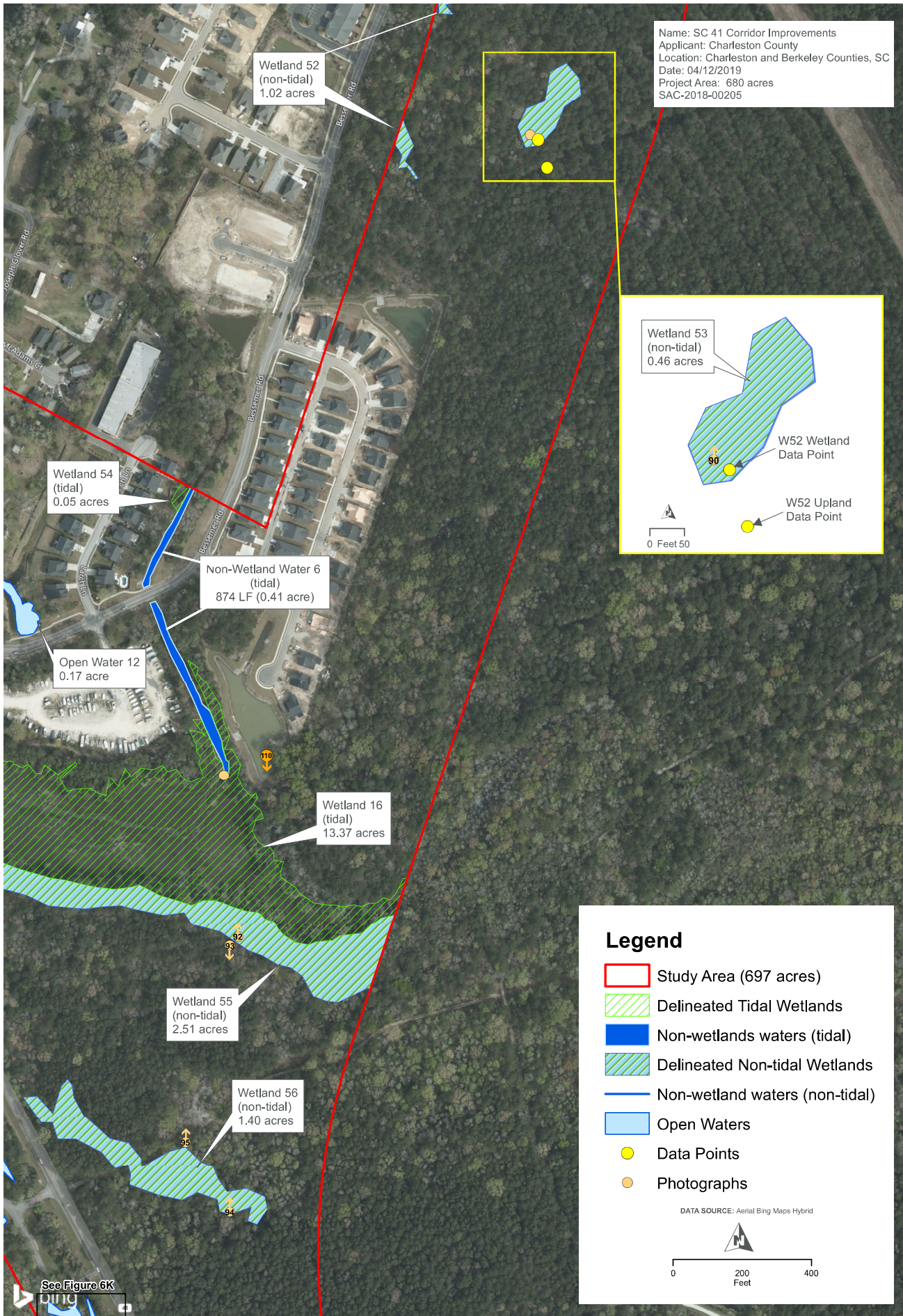
Open Water 8
0.26 acres

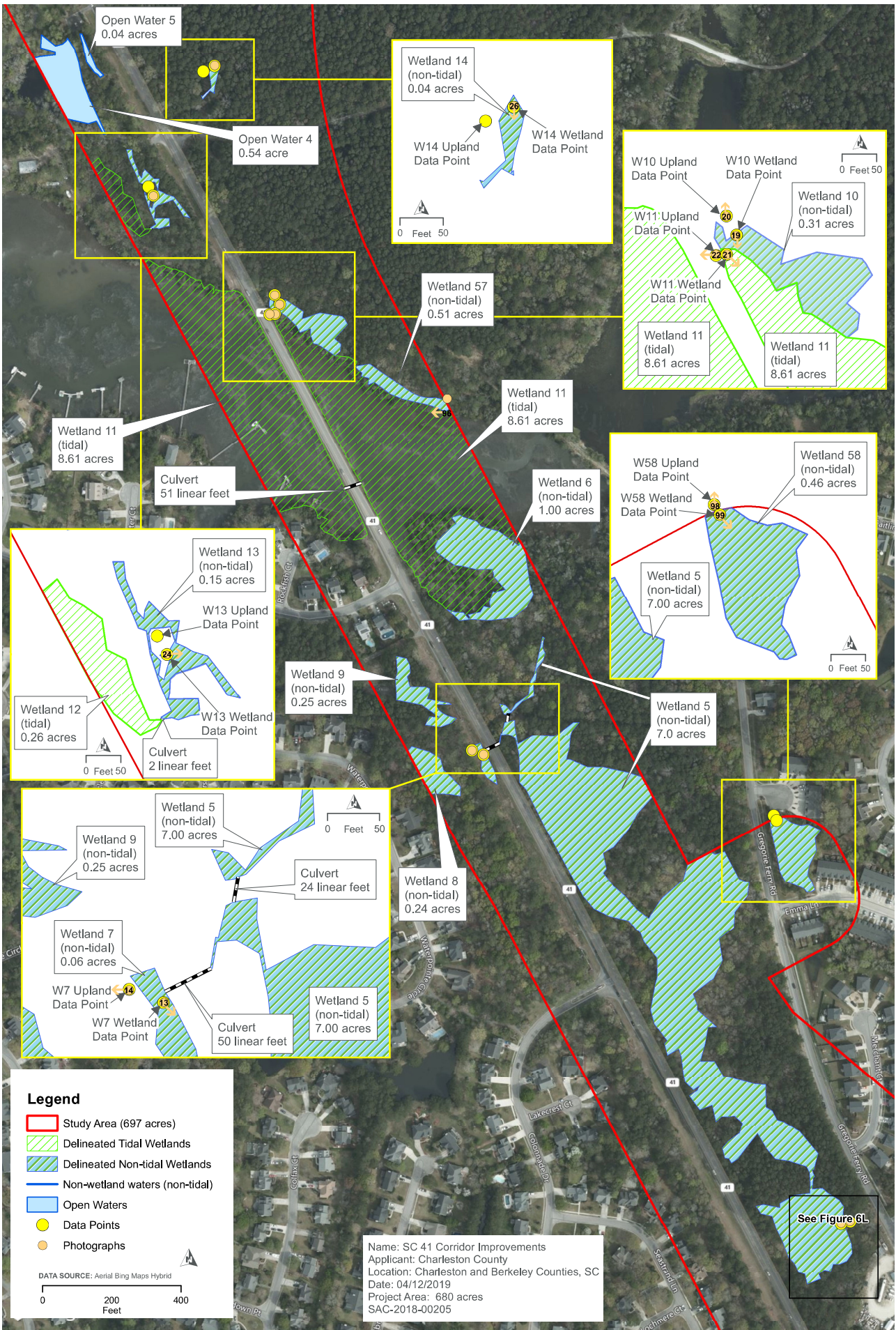
Open Water 9
0.16 acres

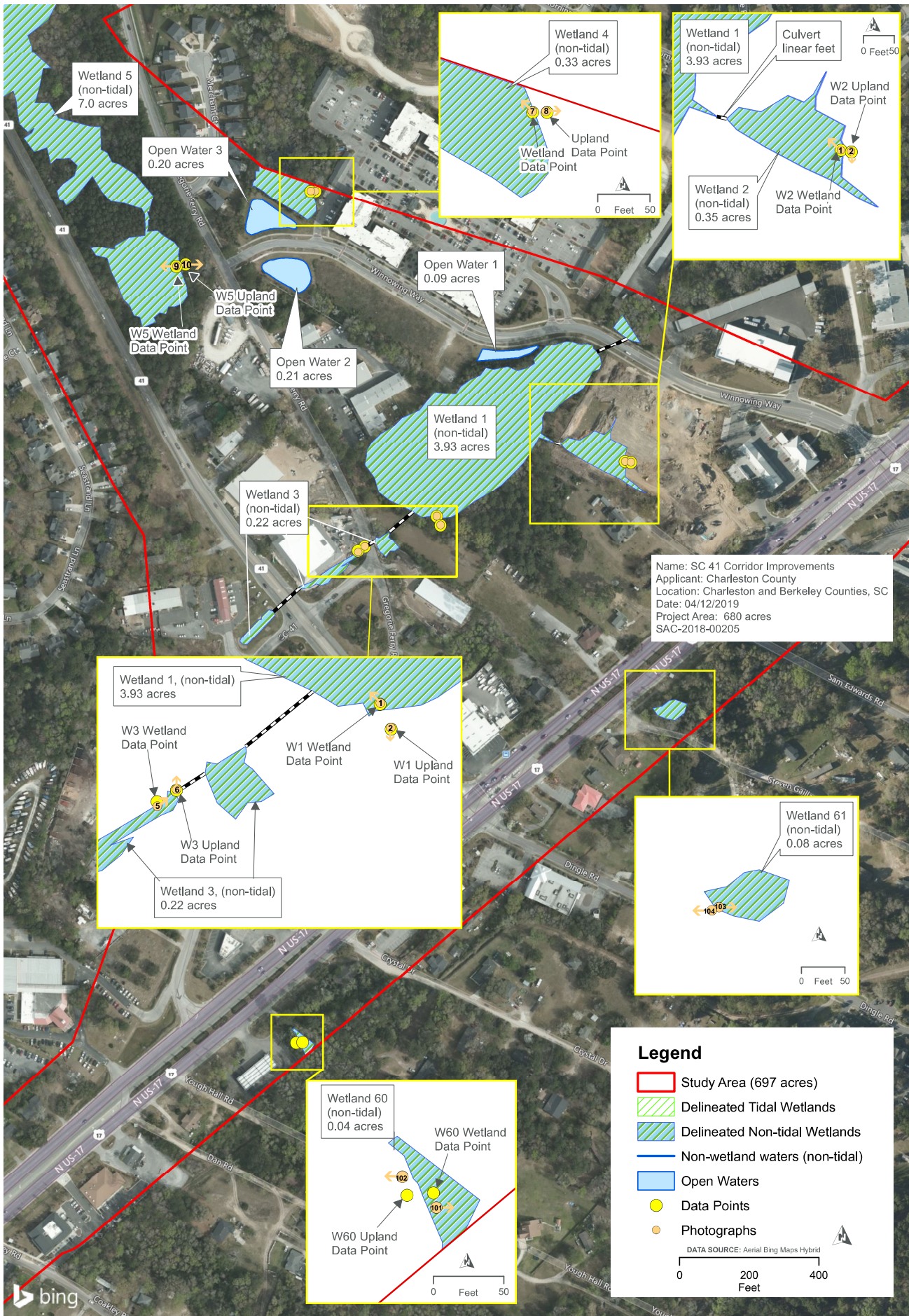
Open Water 7
0.06 acres

Open Water 6
0.02 acres



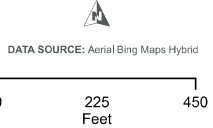




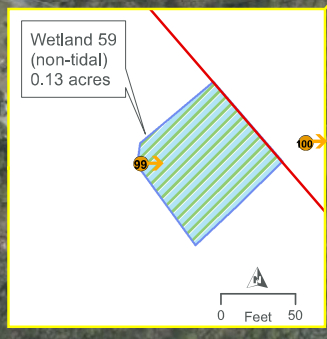
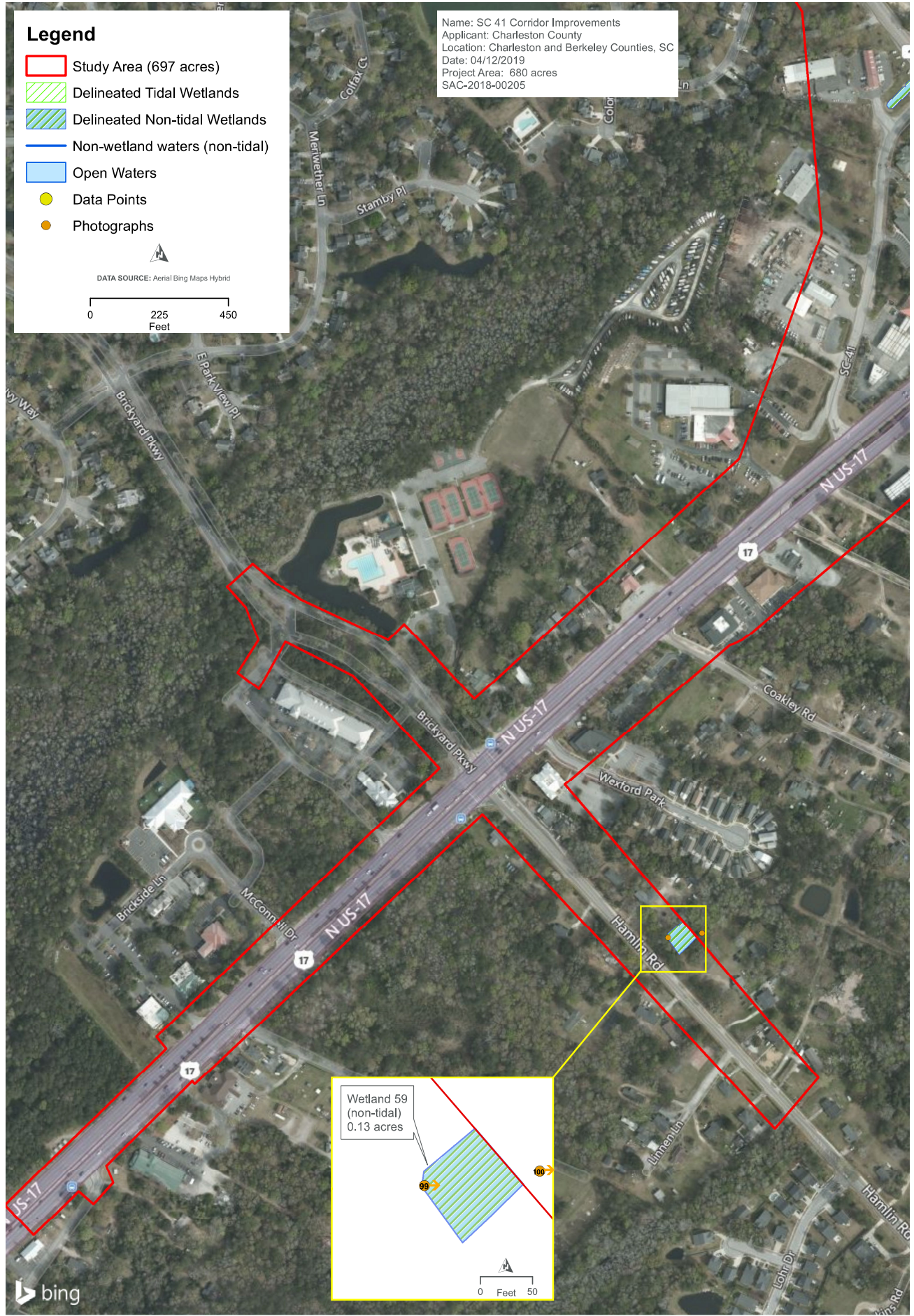


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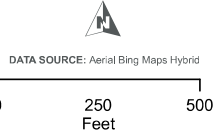


Name: SC 41 Corridor Improvements
 Applicant: Charleston County
 Location: Charleston and Berkeley Counties, SC
 Date: 04/12/2019
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Name: SC 41 Corridor Improvements
 Applicant: Charleston County
 Location: Charleston and Berkeley Counties, SC
 Date: 04/12/2019
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 SAC-2018-00205



Site Number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resources in review area	Type of aquatic resource (i.e., wetland vs. non- wetland waters)	Geographic authority to which the aquatic resource "may be" subject
Wetland 1	32.86131400	-79.79544900	3.93	wetland	Section 404
Wetland 2	32.86173200	-79.79369000	0.35	wetland	Section 404
Wetland 3	32.86104000	-79.79618000	0.22	wetland	Section 404
Wetland 4	32.86389500	-79.79659100	0.33	wetland	Section 404
Wetland 5	32.86328400	-79.79819100	7	wetland	Section 404
Wetland 6	32.86818700	-79.80112000	1	wetland	Section 404
Wetland 7	32.86706500	-79.80116700	0.06	wetland	Section 404
Wetland 8	32.86693000	-79.80165400	0.24	wetland	Section 404
Wetland 9	32.86755100	-79.80181200	0.25	wetland	Section 404
Wetland 10	32.87044100	-79.80265300	0.31	wetland	Section 404
Wetland 11	32.87005900	-79.80258900	8.61	wetland	Section 10/404
Wetland 12	32.87150600	-79.80451000	0.26	wetland	Section 10/404
Wetland 13	32.87152400	-79.80420500	0.15	wetland	Section 404
Wetland 14	32.87255900	-79.80361700	0.04	wetland	Section 404
Wetland 15	32.87547700	-79.80585900	0.07	wetland	Section 404
Wetland 16	32.87715500	-79.80672800	13.37	wetland	Section 10/404
Wetland 17	32.88400800	-79.81229100	0.71	wetland	Section 404
Wetland 18	32.88719000	-79.81284000	0.37	wetland	Section 404
Wetland 19	32.88912300	-79.81390800	0.02	wetland	Section 404
Wetland 20	32.89457300	-79.81774600	3.96	wetland	Section 10/404
Wetland 21	32.89554000	-79.81909900	0.3	wetland	Section 404
Wetland 22	32.89903900	-79.82037800	3.48	wetland	Section 404
Wetland 23	32.90101200	-79.82147900	4.83	wetland	Section 404
Wetland 24	32.90337100	-79.82390400	6.09	wetland	Section 404
Wetland 25	32.90667500	-79.82482500	0.44	wetland	Section 404
Wetland 26	32.90662100	-79.82540500	0.35	wetland	Section 404
Wetland 27	32.90835500	-79.82512600	0.6	wetland	Section 404
Wetland 28	32.91034400	-79.82675000	6.22	wetland	Section 10/404
Wetland 29	32.90981000	-79.82650000	0.06	wetland	Section 404
Wetland 30	32.91340800	-79.82728300	0.6	wetland	Section 404
Wetland 31	32.91608000	-79.82895900	5.72	wetland	Section 10/404
Wetland 32	32.92118300	-79.82891100	0.02	wetland	Section 404
Wetland 33	32.92821600	-79.82032200	2.47	wetland	Section 10/404
Wetland 34	32.93161900	-79.82129500	0.17	wetland	Section 404
Wetland 35	32.89507700	-79.82044600	0.55	wetland	Section 404
Wetland 36	32.89487200	-79.81955400	0.33	wetland	Section 404
Wetland 37	32.89796600	-79.81785800	2.92	wetland	Section 404
Wetland 38	32.89761300	-79.81243100	1.95	wetland	Section 10/404
Wetland 39	32.89797100	-79.81310900	1.25	wetland	Section 404
Wetland 40	32.89705500	-79.81339200	2.92	wetland	Section 404
Wetland 41	32.89673400	-79.81183000	0.09	wetland	Section 404
Wetland 42	32.89652300	-79.81119500	0.23	wetland	Section 404
Wetland 43	32.89719300	-79.80881400	4.06	wetland	Section 404
Wetland 45	32.89505400	-79.80562400	0.07	wetland	Section 404

Wetland 46	32.89491300	-79.80287200	0.04	wetland	Section 404
Wetland 47	32.89167700	-79.80341100	0.11	wetland	Section 404
Wetland 48	32.89089800	-79.80209600	3.51	wetland	Section 404
Wetland 49	32.88564000	-79.80035300	5.59	wetland	Section 404
Wetland 50	32.88577400	-79.79972700	0.85	wetland	Section 404
Wetland 51	32.88377700	-79.80077600	0.08	wetland	Section 404
Wetland 52	32.88216500	-79.80046100	1.02	wetland	Section 404
Wetland 53	32.88194900	-79.80174600	0.46	wetland	Section 404
Wetland 54	32.87920900	-79.80390300	0.05	wetland	Section 10/404
Wetland 55	32.87571600	-79.80326600	2.51	wetland	Section 404
Wetland 56	32.87378500	-79.80393600	1.4	wetland	Section 404
Wetland 57	32.86998700	-79.80192800	0.51	wetland	Section 404
Wetland 58	32.86627500	-79.79825200	0.46	wetland	Section 404
Wetland 59	32.85291200	-79.79958600	0.13	wetland	Section 404
Wetland 60	32.85717100	-79.79674400	0.04	wetland	Section 404
Wetland 61	32.85976500	-79.79327500	0.08	wetland	Section 404
Wetland 62	32.89128200	-79.80424400	0.05	wetland	Section 404
Wetland 63	32.89110000	-79.79949300	0.01	wetland	Section 404
Total Wetland			103.87		
Non-Wetland Water 1	32.87850600	-79.80832800	114	non-wetland	Section 404
Non-Wetland Water 2	32.89659700	-79.81193200	1336	non-wetland	Section 404
Non-Wetland Water 3	32.89705700	-79.80722300	137	non-wetland	Section 404
Non-Wetland Water 4	32.89433100	-79.80271500	155	non-wetland	Section 404
Non-Wetland Water 5	32.89153700	-79.80278400	389	non-wetland	Section 404
Non-Wetland Water 6	32.87822000	-79.80410900	874	non-wetland	Section 10/404
Wando River	32.92428500	-79.82531100	1784	non-wetland	Section 10/404
Total Tributary			4789		
Open Water 1	32.86259000	-79.79479700	0.09	non-wetland	Section 404
Open Water 2	32.86325000	-79.79680000	0.21	non-wetland	Section 404
Open Water 3	32.86368000	-79.79701300	0.2	non-wetland	Section 404
Open Water 4	32.87244000	-79.80500000	0.54	non-wetland	Section 404
Open Water 5	32.87263000	-79.80478000	0.04	non-wetland	Section 404
Open Water 6	32.87341000	-79.80570000	0.02	non-wetland	Section 404
Open Water 7	32.87395000	-79.80568000	0.06	non-wetland	Section 404
Open Water 8	32.87474000	-79.80613000	0.26	non-wetland	Section 404
Open Water 9	32.87457000	-79.80637600	0.16	non-wetland	Section 404
Open Water 10	32.87542000	-79.80652000	0.07	non-wetland	Section 404
Open Water 11	32.87617000	-79.80696000	0.22	non-wetland	Section 404
Open Water 12	32.87830000	-79.80541000	0.17	non-wetland	Section 404
Open Water 13	32.88936000	-79.81404000	0.1	non-wetland	Section 404
Open Water 14	32.88955000	-79.81435000	0.13	non-wetland	Section 404
Open Water 15	32.89402000	-79.81848000	0.06	non-wetland	Section 404
Open Water 16	32.89456000	-79.81878000	0.06	non-wetland	Section 404
Open Water 17	32.89980000	-79.82179000	0.77	non-wetland	Section 404
Open Water 18	32.90401000	-79.82432000	0.03	non-wetland	Section 404
Open Water 19	32.90622000	-79.82537000	0.27	non-wetland	Section 404
Open Water 20	32.90757000	-79.82583000	0.33	non-wetland	Section 404

Open Water 21	32.90865000	-79.82631000	0.15	non-wetland	Section 404
Open Water 23	32.89595000	-79.80945000	0.21	non-wetland	Section 404
Open Water 24	32.89300000	-79.80399000	0.15	non-wetland	Section 404
Open Water 25	32.89106000	-79.80307000	0.21	non-wetland	Section 404
Open Water 26	32.88743000	-79.80117000	0.17	non-wetland	Section 404
Open Water 27	32.88689000	-79.80083000	0.23	non-wetland	Section 404
Total Open Water			4.91		