APPENDIX J

Wetland Delineations

J.1 | SIGNATURE EAST

J.2 | SIGNATURE SOUTH

APPENDIX J.2

Signature South

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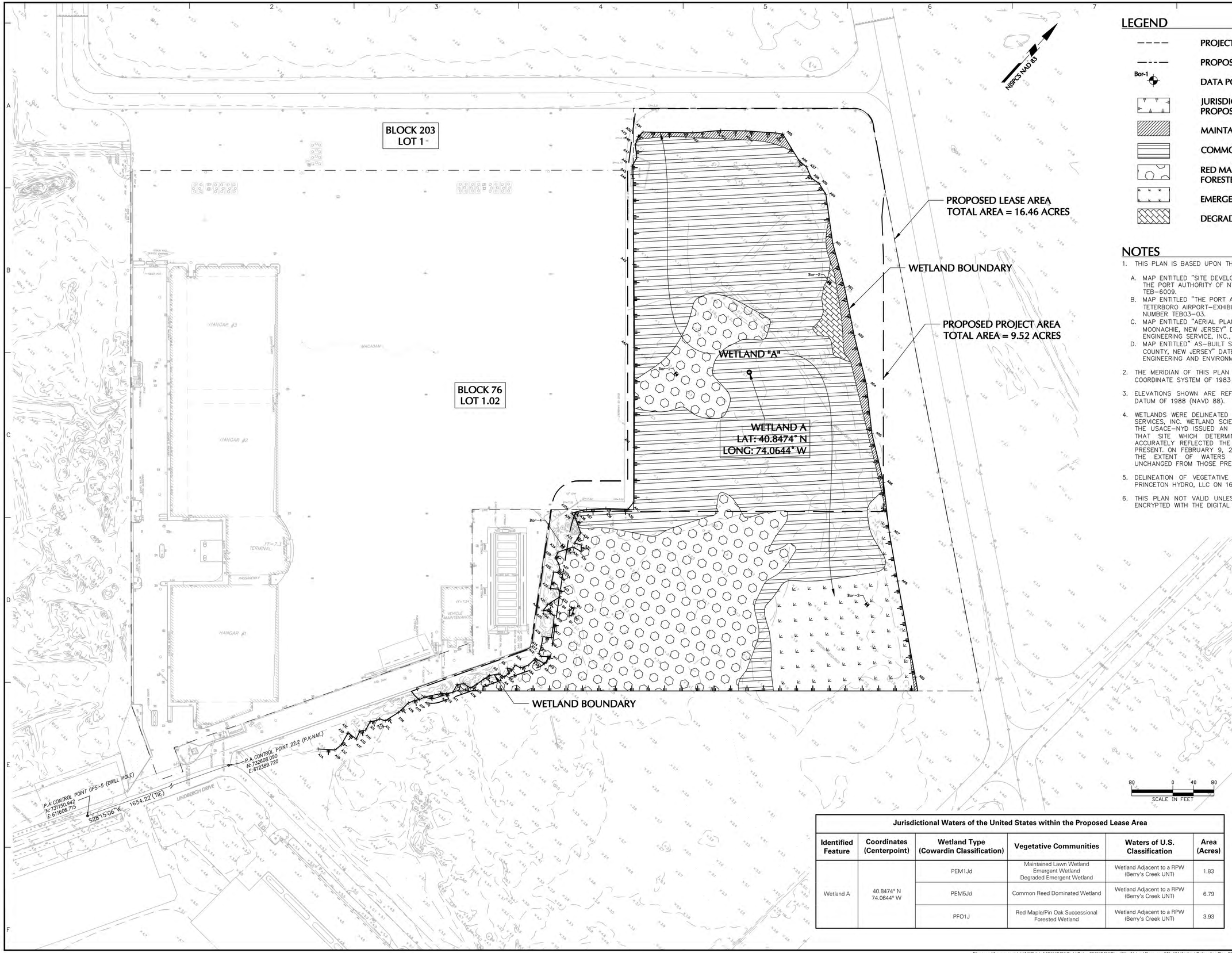
Section 3 Wetland Delineation Report

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SECTION 4

WETLAND DELINEATION PLAN



LEGEND

- PROJECT AREA
- PROPOSED LEASE AREA
- Bor-1 — DATA POINT
- JURISDICTIONAL WETLANDS WITHIN PROPOSED LEASE AREA - 12.55 ACRES
- MAINTAINED LAWN WETLAND
- COMMON REED DOMINATED WETLAND
- RED MAPLE/PIN OAK SUCCESSIONAL FORESTED WETLAND
- EMERGENT WETLAND
- DEGRADED EMERGENT WETLAND

NOTES

1. THIS PLAN IS BASED UPON THE FOLLOWING REFERENCES:
   - A. MAP ENTITLED "SITE DEVELOPMENT LINE, 20.59 + ACRES" PREPARED BY THE PORT AUTHORITY OF NY & NJ, DATED MARCH 22, 2002, NUMBER TEB-6009.
   - B. MAP ENTITLED "THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY, TETERBORO AIRPORT-EXHIBIT A-SITE-0" DATED 07/23/03 DRAWING NUMBER TEB03-03.
   - C. MAP ENTITLED "AERIAL PLAN, FIRST AVIATION SERVICES SOUTH AREA, MOONACHIE, NEW JERSEY" DATED 04/08/02, PREPARED BY LANGAN ENGINEERING SERVICE, INC., DRAWING NUMBER 11.01.
   - D. MAP ENTITLED" AS-BUILT SURVEY, FIRST AVIATION, TETERBORO, BERGEN COUNTY, NEW JERSEY" DATED 03/03/08, PREPARED BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC.
2. THE MERIDIAN OF THIS PLAN IS REFERENCED TO NEW JERSEY STATE PLANE COORDINATE SYSTEM OF 1983 (NAD 83).
3. ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. WETLANDS WERE DELINEATED BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC. WETLAND SCIENTISTS IN APRIL 2014. ON DECEMBER 9, 2014, THE USACE-NYD ISSUED AN APPROVED JURISDICTIONAL DETERMINATION FOR THAT SITE WHICH DETERMINED THAT LANGAN'S WETLAND DELINEATION ACCURATELY REFLECTED THE EXTENT OF WATERS OF THE UNITED STATES PRESENT. ON FEBRUARY 9, 2023, PRINCETON HYDRO, LLC CONFIRMED THAT THE EXTENT OF WATERS OF THE UNITED STATES ON-SITE REMAIN UNCHANGED FROM THOSE PREVIOUSLY APPROVED BY THE USACE.
5. DELINEATION OF VEGETATIVE COMMUNITIES WAS PROVIDED TO LANGAN BY PRINCETON HYDRO, LLC ON 16 MARCH 2023.
6. THIS PLAN NOT VALID UNLESS EMBOSSED WITH THE IMPRESSION SEAL OR ENCRYPTED WITH THE DIGITAL SIGNATURE AND SEAL OF THE PROFESSIONAL.

Jurisdictional Waters of the United States within the Proposed Lease Area

Identified Feature	Coordinates (Centerpoint)	Wetland Type (Cowardin Classification)	Vegetative Communities	Waters of U.S. Classification	Area (Acres)
Wetland A	40.8474° N 74.0644° W	PEM1Jd	Maintained Lawn Wetland Emergent Wetland Degraded Emergent Wetland	Wetland Adjacent to a RPW (Berry's Creek UNT)	1.83
		PEM5Jd	Common Reed Dominated Wetland	Wetland Adjacent to a RPW (Berry's Creek UNT)	6.79
		PFO1J	Red Maple/Pin Oak Successional Forested Wetland	Wetland Adjacent to a RPW (Berry's Creek UNT)	3.93

SIGNATURE MATTHEW G. SIPPLE DATE SIGNED
PROFESSIONAL LAND SURVEYOR
NJ Lic. No. 24GS04332100

LANGAN
Langan Engineering and Environmental Services, Inc.
300 Kimball Drive
Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
SIGNATURE SOUTH EXPANSION PROJECT
TETERBORO AIRPORT
BOROUGH OF MOONACHIE BLOCK 76, LOT 1.02
BOROUGH OF TETERBORO BLOCK 203, LOT 1
BERGEN COUNTY **NEW JERSEY**

Drawing Title
WETLAND DELINEATION PLAN

Project No. 001642424	Drawing No. WL101
Date 03/17/2023	
Scale 1" = 80'	
Drawn By SEP / Checked By MGS	
Submission Date –	Sheet 1 of 1

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SECTION 5

PRIOR APPROVED JURISDICTIONAL DETERMINATION AND PLAN

DEC 9 - 2014

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT, CORPS OF ENGINEERS
JACOB K. JAVITS FEDERAL BUILDING
NEW YORK, N.Y. 10278-0090

REPLY TO
ATTENTION OF:

Regulatory Branch

SUBJECT: Permit Application Number NAN-2014-01328 by First Aviation Services, Block 76, Lot 1.02 (Portion), Borough of Moonachie, and Block 203, Lot 1 (Portion), Borough of Teterboro, Bergen, New Jersey

Langan Engineering and Environmental Services, Inc.
C/o Mr. Mike Nevins
River Drive Center 1
619 River Drive
Elmwood Park, New Jersey 07407

Dear Mr. Nevins:

On July 28, 2014, the New York District of the U.S. Army Corps of Engineers received your request for a Department of the Army jurisdictional determination for the above referenced site. The site, situated within the Teterboro Airport and designated as Block 76, Lot 1.02 (Portion), and Block 203, Lot 1 (Portion), consists of approximately 10.75 acres within the Hackensack River watershed, in the Boroughs of Moonachie and Teterboro, Bergen County, New Jersey.

In the submittal received on July 28, 2014, your office submitted a proposed delineation of the extent of waters of the United States within the site boundary. A site inspection was conducted by representatives of this office on September 28, 2014.

Based on the material submitted and the observations of the representatives of this office during the site visit, this site has been determined to contain jurisdictional waters of the United States based on: the presence of wetlands determined by the occurrence of hydrophytic vegetation, hydric soils and wetland hydrology according to criteria established in the 1987 "Corps of Engineers Wetlands Delineation Manual," Technical Report Y-87-1 that are either adjacent to or part of a tributary system; the presence of a defined water body (e.g. stream channel, lake, pond, river, etc.) which is part of a tributary system; and the fact that the location includes property below the ordinary high water mark, high tide line or mean high water mark of a water body as determined by known gage data or by the presence of physical markings including, but not limited to, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter or debris or other characteristics of the surrounding area.

Based on the above, it has been determined that the drawings entitled "Wetland Delineation Plan", Sheet WL101, prepared by Langan Engineering and Environmental Services, Inc., dated July 25, 2014, and "Wetland Delineation Plan with Aerial

Photograph", Sheet WL102, prepared by Langan Engineering and Environmental Services, Inc., dated July 25, 2014 and last revised September 18, 2014, accurately depict the extent of waters of the United States within the 10.75 acre area designated as the "Proposed Project Area" on the referenced drawing. This drawing indicates that there is one (1) principal jurisdictional area located within the "Proposed Project Area" on the subject site. This 8.03 acre jurisdictional area, depicted by flags A1N through A-68, consists of approximately 0.52 acres of scrub shrub and forested wetlands and 7.51 acres of emergent wetlands that abut East Riser Ditch. East Riser Ditch is a tidal tributary of Berry's Creek. Berry's Creek is a tidal tributary of the Hackensack River, a navigable water body. This jurisdictional area is part of a tributary system, and is considered to be waters of the United States under the jurisdiction of the Corps of Engineers.

This determination regarding the delineation shall be considered valid for a period of five years from the date of this letter unless new information warrants revision of the determination before the expiration date.

This determination was documented using the Approved Jurisdictional Determination Form, promulgated by the Corps of Engineers in June 2007. A copy of that document is enclosed with this letter, and will be posted on the New York District website at:
http://www.nan.usace.army.mil/Missions/Regulatory/JurisdictionalDeterminations/RecentJurisdictionalDeterminations.aspx

This delineation/determination has been conducted to identify the limits of the Corps Clean Water Act jurisdiction for the particular site identified in this request. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 CFR Part 331. Enclosed is a combined Notification of Appeal Process (NAP) and Request For Appeal (RFA) form. If you request to appeal this determination you must submit a completed RFA form to the North Atlantic Division Office at the following address:

Michael G. Vissichelli, Administrative Appeals Review Officer
North Atlantic Division, U.S. Army Engineer Division
Fort Hamilton Military Community
General Lee Avenue, Building 301
Brooklyn, New York 11252-6700

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR Park 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address by FEB 9 - 2015. It is not necessary to submit an RFA form to the Division Office if you do not object to the determination in this letter.

This delineation/determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985, as amended. 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.

This determination does not constitute a definition or delineation of areas that may be present on the site, and that, while not ostensibly waters, are considered "navigable in law".

It is strongly recommended that the development of the site be carried out in such a manner as to avoid as much as possible the discharge of dredged or fill material into the delineated waters of the United States. If the activities proposed for the site involve such discharges, authorization from this office may be necessary prior to the initiation of the proposed work. The extent of such discharge of fill will determine the level of authorization that would be required.

In order for us to better serve you, please complete our Customer Service Survey located at

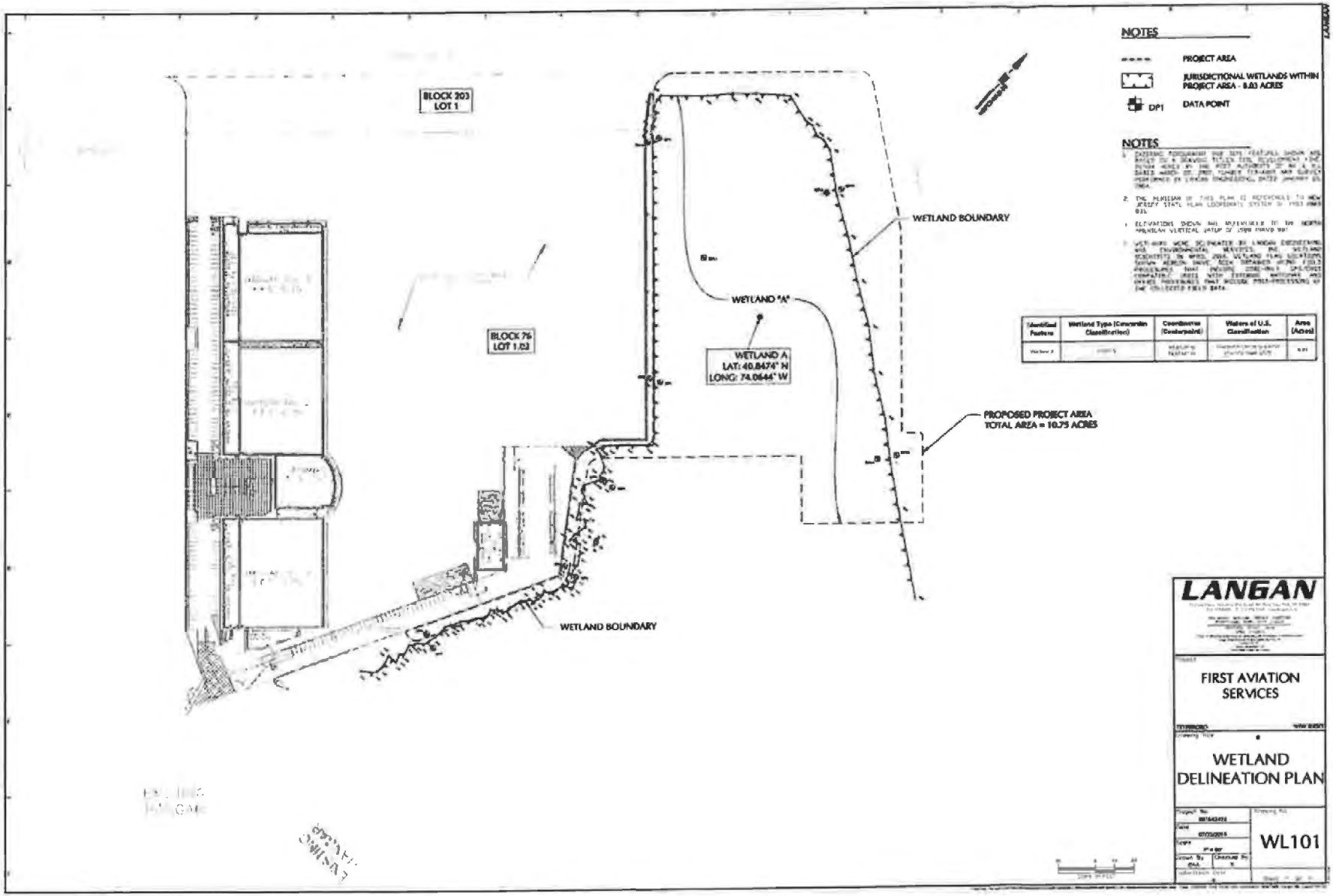
http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx

If any questions should arise concerning this matter, please contact James Cannon, of my staff, at (917) 790-8412.

Sincerely,

Christopher S. Mallery, Ph.D.
Deputy Chief, Regulatory Branch

Enclosures
Cf: NJDEP
NJMC


BLOCK 203
LOT 1
BLOCK 76
LOT 1.03
WETLAND BOUNDARY
WETLAND "A"
WETLAND A
LAT: 40.8474° N
LONG: 74.0644° W
PROPOSED PROJECT AREA
TOTAL AREA = 10.75 ACRES
WETLAND BOUNDARY
NOTES
PROJECT AREA
JURISDICTIONAL WETLANDS WITHIN PROJECT AREA - 8.83 ACRES
DP1
DATA POINT
NOTES
1.
2. THE MERIDIAN OF THIS PLAN IS REFERENCED TO NEW JERSEY STATE PLAN COORDINATE SYSTEM OF 1983 (NAD 83).
3. ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4.
Identified Feature
Wetland Type (Cowardin Classification)
Coordinates (Centerpoint)
Waters of U.S. Classification
Area (Acres)
LANGAN
FIRST AVIATION SERVICES
WETLAND DELINEATION PLAN
WL101

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: First Aviation Services	File Number: NAN-2014-01328	Date: DEC 9 - 2014

Attached is:		See Section Below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of Permission)	A
	PROFFERED PERMIT (Standard Permit or Letter of Permission)	B
	PERMIT DENIAL	C
X	APPROVED JURISDICTIONAL DETERMINATION	D
	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://www.usace.army.mil/CECW/Pages/reg_permit.aspx 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 New York 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 (JD) 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 New York District Engineer. Your objections must be received by the New York 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 New York 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 New York 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 New York 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 North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. 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 North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. 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. This form must be received by the North Atlantic Division Engineer within 60 days of the date of this notice with a copy furnished to the New York District Engineer.

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: Jodi M. McDonald U.S. Army Corps of Engineers, New York District Jacob K. Javits Federal Building New York, NY 10278-0090 (917) 790-8720	If you only have questions regarding the appeal process you may also contact: Michael G. Vissichelli, Administrative Appeals Review Officer, CENAD-PD-OR North Atlantic Division, U.S. Army Engineer Division Fort Hamilton Military Community General Lee Avenue, Building 301 Brooklyn, NY 11252-6700 (347) 370-4663 E-mail: Michael.G.Vissichelli@usace.army.mil

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:

APPROVED JURISDICTIONAL DETERMINATION FORM
U.S. Army Corps of Engineers

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 09-Dec-2014
B. DISTRICT OFFICE, FILE NAME, AND NUMBER: New York District, NAN-2014-01328-JD1
C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State :	NJ - New Jersey
County/parish/borough:	Bergen
City:	Teterboro
Lat:	40.8467
Long:	-74.0637
Universal Transverse Mercator	Folder UTM List *UTM list determined by folder location* • NAD83 / UTM zone 18N Waters UTM List *UTM list determined by waters location* • NAD83 / UTM zone 18N
Name of nearest waterbody:	East Riser Ditch
Name of nearest Traditional Navigable Water (TNW):	East Riser Ditch
Name of watershed or Hydrologic Unit Code (HUC):	020-30-103-180

☐ Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.

☐ Check if other sites (e.g., offsite mitigation sites, disposal sites, etc¿) are associated with the action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION:

☐ Office Determination Date:

☐ Field Determination Date(s): ☐ 28-Aug-2014

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION

There are"navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

☐ Waters subject to the ebb and flow of the tide.

☐ Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.

Explain: Wetland A designated by flags A1N through A68 consists of palustrine emergent, scrub shrub and forested wetlands that abut East Riser Ditch. East Riser Ditch is situated behind an existing tide gate which prevents tidal waters from entering the site. East Riser Ditch is a tidal tributary to Berry's Creek, Berry's Creek is a tidal tributary to the Hackensack River, a navigable water way. The abutting palustrine wetlands are under the jurisdiction of the U.S. Army Corps of Engineers pursuant to 33 CFR, Section 329.4 and 329.12.

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

1. Waters of the U.S.

a. Indicate presence of waters of U.S. in review area:[1]

Water Name	Water Type(s) Present
Wetland Line A1N through A68	Wetlands adjacent to TNWs

b. Identify (estimate) size of waters of the U.S. in the review area:
Area: (m^2)
Linear: (m)

c. Limits (boundaries) of jurisdiction:
based on:
OHWM Elevation: (if known)

2. Non-regulated waters/wetlands:[3]
Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain:

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

1.TNW
Not Applicable.

2. Wetland Adjacent to TNW

Wetland Name	Summarize rationale supporting conclusion that wetland is "adjacent":
Wetland Line A1N through A68	-

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

(i) General Area Conditions:
Watershed size:
Drainage area:
Average annual rainfall: inches
Average annual snowfall: inches

(ii) Physical Characteristics
(a) Relationship with TNW:
☐ Tributary flows directly into TNW.
☐ Tributary flows through [ ] tributaries before entering TNW.
:Number of tributaries
Project waters are river miles from TNW.
Project waters are river miles from RPW.
Project Waters are aerial (straight) miles from TNW.
Project waters are aerial(straight) miles from RPW.
☐ Project waters cross or serve as state boundaries.
Explain:
Identify flow route to TNW:[5]

Tributary Stream Order, if known:
Not Applicable.

(b) General Tributary Characteristics:

Tributary is:
Not Applicable.

Tributary properties with respect to top of bank (estimate):
Not Applicable.

Primary tributary substrate composition:
Not Applicable.

Tributary (conditions, stability, presence, geometry, gradient):
Not Applicable.

(c) Flow:
Not Applicable.

Surface Flow is:
Not Applicable.

Subsurface Flow:
Not Applicable.

Tributary has:
Not Applicable.

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction:

High Tide Line indicated by:
Not Applicable.

Mean High Water Mark indicated by:
Not Applicable.

(iii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality;general watershed characteristics, etc.).
Not Applicable.

(iv) Biological Characteristics. Channel supports:
Not Applicable.

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:
(a) General Wetland Characteristics:
Properties:
Not Applicable.

(b) General Flow Relationship with Non-TNW:

Flow is:
Not Applicable.

Surface flow is:
Not Applicable.

Subsurface flow:
Not Applicable.

(c) Wetland Adjacency Determination with Non-TNW:
Not Applicable.

(d) Proximity (Relationship) to TNW:
Not Applicable.

(ii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iii) Biological Characteristics. Wetland supports:
Not Applicable.

3. Characteristics of all wetlands adjacent to the tributary (if any):

All wetlands being considered in the cumulative analysis:
Not Applicable.

Summarize overall biological, chemical and physical functions being performed:
Not Applicable.

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Significant Nexus: Not Applicable

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE:

1. TNWs and Adjacent Wetlands:

Wetland Name	Type	Size (Linear) (m)	Size (Area) (m²)
Wetland Line A1N through A68	Wetlands adjacent to TNWs	-	32496.25368
Total:		**0**	**32496.25368**

2. RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional waters in the review area:

Not Applicable.

3. Non-RPWs that flow directly or indirectly into TNWs:[8]
Not Applicable.

Provide estimates for jurisdictional waters in the review area:

Not Applicable.

4. Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.
Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs:
Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

6. Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional wetlands in the review area:
Not Applicable.

7. Impoundments of jurisdictional waters:[9]
Not Applicable.

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS:[10]
Not Applicable.

Identify water body and summarize rationale supporting determination:
Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS

☐ If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements:

☐ Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce:

☐ Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based soley on the "Migratory Bird Rule" (MBR):

☐ Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (Explain):

☐ Other (Explain):

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (ie., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment:
Not Applicable.

Provide acreage estimates for non-jurisdictional waters in the review area, that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction.
Not Applicable.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD
(listed items shall be included in case file and, where checked and requested, appropriately reference below):

Data Reviewed	Source Label	Source Description
--Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant	-	"Wetland Delineation Plan", Sheet WL101, prepared by Langan Engineering and Environmental Services, Inc., dated July 25, 2014, and "Wetland Delineation Plan with Aerial Photograph", Sheet WL102, Prepared by Langan Engineering and Environmental Services, Inc., dated July 25, 2014 and last revised September 18, 2014.
--Data sheets prepared/submitted by or on behalf of the applicant/consultant	-	Langan Engineering and Environmental Services, LLC
----Office concurs with data sheets/delineation report	-	Yes, data sheets submitted in Wetland Delineation Report dated July 25, 2014 and data sheets submitted September 18, 2014.
----USGS 8 and 12 digit HUC maps	-	020-30-103-180
--U.S. Geological Survey map (s).	-	Weehawken, NJ
--National wetlands inventory map(s).	-	Yes
--State/Local wetland inventory map(s):	-	New Jersey Department of Environmental Protection Wetland Maps
--Photographs	-	Wetland Delineation Report dated July 25, 2014.
----Aerial	-	"Wetland Delineation Plan and Aerial Photograph", Sheet WL102, prepared by Langan Engineering and Environmental Services, Inc. and dated July 25, 2014 and last revised September 18, 2014.
--Other information	-	USACE site inspection report dated September 28, 2014.

B. ADDITIONAL COMMENTS TO SUPPORT JD:
Not Applicable.

[1]-Boxes checked below shall be supported by completing the appropriate sections in Section III below.

[2]-For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).

[3]-Supporting documentation is presented in Section III.F.

[4]-Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

[5]-Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

[6]-A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.

[7]-Ibid.

[8]-See Footnote #3.

[9] -To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.

[10] -Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.