



**U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE**

I. ADMINISTRATIVE INFORMATION

Completion Date of Approved Jurisdictional Determination (AJD): 2/10/2021
 ORM Number: CENAP-OPR-2021-0097
 Associated JDs: N/A
 Review Area Location¹: State/Territory: PA City: Warminster County/Parish/Borough: Bucks
 Center Coordinates of Review Area: Latitude 40.210261 Longitude -75.129254

II. FINDINGS

A. Summary: Check all that apply. At least one box from the following list MUST be selected. Complete the corresponding sections/tables and summarize data sources.

- The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: N/A or describe rationale.
- There are “navigable waters of the United States” within Rivers and Harbors Act jurisdiction within the review area (complete table in Section II.B).
- There are “waters of the United States” within Clean Water Act jurisdiction within the review area (complete appropriate tables in Section II.C).
- There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in Section II.D).

B. Rivers and Harbors Act of 1899 Section 10 (§ 10)²

§ 10 Name	§ 10 Size	§ 10 Criteria	Rationale for § 10 Determination
N/A.	N/A.	N/A.	N/A.

C. Clean Water Act Section 404

Territorial Seas and Traditional Navigable Waters ((a)(1) waters): ³			
(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) Determination
N/A.	N/A.	N/A.	N/A.

Tributaries ((a)(2) waters):			
(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination
N/A.	N/A.	N/A.	N/A.

Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):			
(a)(3) Name	(a)(3) Size	(a)(3) Criteria	Rationale for (a)(3) Determination
N/A.	N/A.	N/A.	N/A.

Adjacent wetlands ((a)(4) waters):			
(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
N/A.	N/A.	N/A.	N/A.

¹ Map(s)/figure(s) are attached to the AJD provided to the requestor.

² If the navigable water is not subject to the ebb and flow of the tide or included on the District’s list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.

³ A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD Form.



**U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE**

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12)): ⁴			
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination
Wetland	0.033 acre(s)	(b)(1) Non-adjacent wetland.	Nearest watercourse over 0.5 miles from wetland

III. SUPPORTING INFORMATION

A. Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

Information submitted by, or on behalf of, the applicant/consultant: [Preliminary Jurisdiction Determination Request dated January 21, 2021](#)

This information [Select.](#) sufficient for purposes of this AJD.

Rationale: [N/A or describe rationale for insufficiency \(including partial insufficiency\).](#)

- Data sheets prepared by the Corps: [Title\(s\) and/or date\(s\).](#)
- Photographs: [Select. Title\(s\) and/or date\(s\).](#)
- Corps site visit(s) conducted on: [Date\(s\).](#)
- Previous Jurisdictional Determinations (AJDs or PJDs): [ORM Number\(s\) and date\(s\).](#)
- Antecedent Precipitation Tool: [provide detailed discussion in Section III.B.](#)
- USDA NRCS Soil Survey: [Title\(s\) and/or date\(s\).](#)
- USFWS NWI maps: [Title\(s\) and/or date\(s\).](#)
- USGS topographic maps: [Title\(s\) and/or date\(s\).](#)

Other data sources used to aid in this determination:

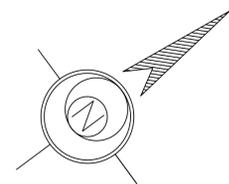
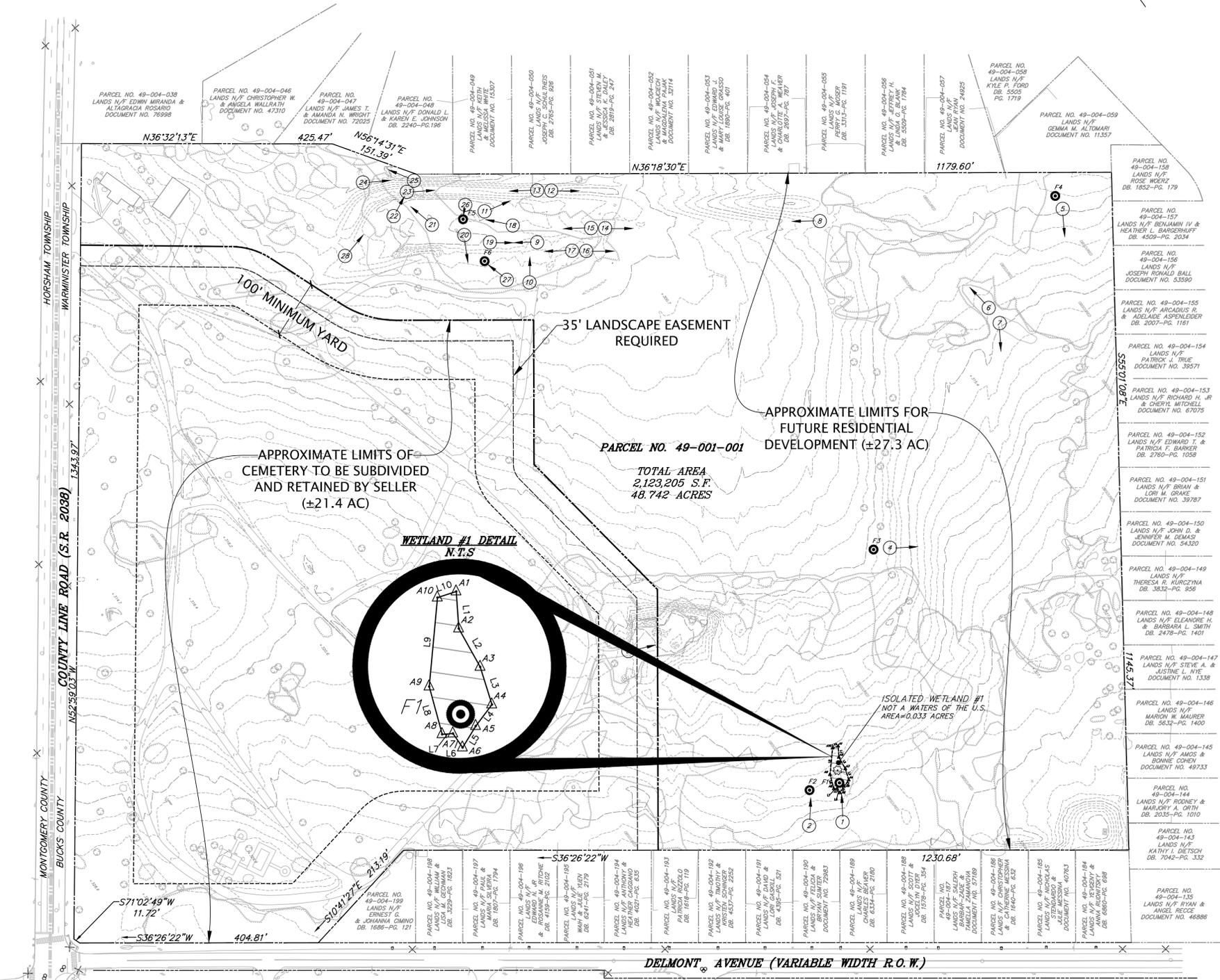
Data Source (select)	Name and/or date and other relevant information
USGS Sources	N/A.
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	N/A.
State/Local/Tribal Sources	N/A.
Other Sources	N/A.

B. Typical year assessment(s): [NA](#)

C. Additional comments to support AJD: [N/A or provide additional discussion as appropriate.](#)

⁴ Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.

⁵ Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.



LOCATION MAP
NOT TO SCALE

GENERAL NOTES:

1. WETLANDS/WATERS DELINEATED BY ESE CONSULTANTS, INC. ON DECEMBER 11, 2020.
2. WETLAND/WATERS FLAGGING LOCATED DURING A FIELD SURVEY PERFORMED BY ESE CONSULTANTS INC., ON DECEMBER 21, 2020.
3. BOUNDARY INFORMATION BASED ON A PLAN ENTITLED "PLAN OF SURVEY, PARCEL NO. 49-001-001" PREPARED BY ESE CONSULTANTS INC., DATED NOVEMBER 24, 2020.
4. PLANIMETRIC & TOPOGRAPHIC FEATURES SHOWN TAKEN FROM PLAN ENTITLED, "MAP OF TOPOGRAPHY" BY ESE CONSULTANTS, INC. DATED JANUARY 1, 2021.

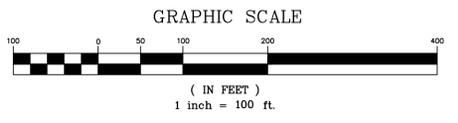
LEGEND:

- WETLANDS
- PHOTO LOCATION
- DATA POINT
- DELINEATION FLAG
- APPROX. CENTER OF RESOURCE
- PROJECT BOUNDARY

LINE	BEARING	DISTANCE
L1	S 57°16'53" E	18.77'
L2	S 82°38'20" E	22.24'
L3	S 70°45'38" E	19.89'
L4	S 16°19'15" E	13.62'
L5	S 21°45'56" E	12.74'
L6	N 88°02'20" W	8.59'
L7	S 32°52'59" W	5.49'
L8	N 63°34'57" W	24.99'
L9	N 48°01'25" W	45.10'
L10	N 18°36'32" E	110.00'

AREA CALCULATIONS

ON SITE AREA NAME	SF.	AC.	LF.	CENTER OF RESOURCE
WETLAND #1	1,433	0.033		40d12°33.79' / 75d07°39.96" 141.60m
TOTAL WETLANDS	1,433	0.033		



CALL BEFORE YOU DIG
PENNSYLVANIA LAW REQUIRES
3 WORKING DAYS NOTICE FOR
CONSTRUCTION PHASE AND 10 WORKING
DAYS IN DESIGN STAGE - STOP CALL
PA ACT 172



Know what's below.
Call before you dig.

ATTENTION:
IF THIS DOCUMENT DOES NOT CONTAIN
A RAISED SEAL OF THE PROFESSIONAL
SURVEYOR, IT IS NOT AN AUTHORIZED
ORIGINAL DOCUMENT AND MAY HAVE BEEN
ALTERED. 02.09.21

THOMAS B. HENDRICKS
PROFESSIONAL LAND SURVEYOR
PA LICENSE NO. 30-04452-E

ESE CONSULTANTS
ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

ESE Consultants, Inc.
1140 Virginia Drive • Fort Washington, PA 19034
T: 215-914-2050

REV.	DATE	DESCRIPTION
1	02.09.21	REVISED WETLAND LABEL PER ARMY CORP EMAIL COMMENTS DATED 02.08.21

MAP OF WETLANDS LOCATIONS

PINE GROVE

WARMINSTER TOWNSHIP, BUCKS COUNTY, PENNSYLVANIA

DATE: 01.25.2021	SCALE: AS NOTED
DESIGN: DEH	DRAWN: DEH
JOB NO.: 7794	FILE NAME:
REF. NO.:	
SHEET NO.: 1	OF 1