



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PHILADELPHIA DISTRICT
1650 ARCH STREET
PHILADELPHIA, PENNSYLVANIA 19103-2004

CENAP-OPR

24 June 2025

MEMORANDUM FOR RECORD

SUBJECT: US Army Corps of Engineers (Corps) Approved Jurisdictional Determination in accordance with the "Revised Definition of 'Waters of the United States'"; (88 FR 3004 (January 18, 2023) as amended by the "Revised Definition of 'Waters of the United States'; Conforming" (8 September 2023) ,¹NAP-2025-00210-103

BACKGROUND. An Approved Jurisdictional Determination (AJD) is a Corps document stating the presence or absence of waters of the United States on a parcel or a written statement and map identifying the limits of waters of the United States on a parcel. AJDs are clearly designated appealable actions and will include a basis of JD with the document.² AJDs are case-specific and are typically made in response to a request. AJDs are valid for a period of five years unless new information warrants revision of the determination before the expiration date or a District Engineer has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.³

On January 18, 2023, the Environmental Protection Agency (EPA) and the Department of the Army ("the agencies") published the "Revised Definition of 'Waters of the United States,'" 88 FR 3004 (January 18, 2023) ("2023 Rule"). On September 8, 2023, the agencies published the "Revised Definition of 'Waters of the United States'; Conforming", which amended the 2023 Rule to conform to the 2023 Supreme Court decision in *Sackett v. EPA*, 598 U.S., 143 S. Ct. 1322 (2023) ("*Sackett*").

This Memorandum for Record (MFR) constitutes the basis of jurisdiction for a Corps AJD as defined in 33 CFR §331.2. For the purposes of this AJD, we have relied on Section 10 of the Rivers and Harbors Act of 1899 (RHA),⁴ the 2023 Rule as amended, as well as other applicable guidance, relevant case law, and longstanding practice in evaluating jurisdiction.

¹ While the Revised Definition of "Waters of the United States"; Conforming had no effect on some categories of waters covered under the CWA, and no effect on any waters covered under RHA, all categories are included in this Memorandum for Record for efficiency.

² 33 CFR 331.2.

³ Regulatory Guidance Letter 05-02.

⁴ USACE has authority under both Section 9 and Section 10 of the Rivers and Harbors Act of 1899 but for convenience, in this MFR, jurisdiction under RHA will be referred to as Section 10.

OPR

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), NAP-2025-00210-103

1. SUMMARY OF CONCLUSIONS.

- a. Provide a list of each individual feature within the review area and the jurisdictional status of each one (i.e., identify whether each feature is/is not a water of the United States and/or a navigable water of the United States).
 - i. Waterbody A, jurisdictional, Section 404
 - ii. Waterbody B, jurisdictional, Section 404
 - iii. Waterbody C, jurisdictional, Section 404
 - iv. Waterbody D, non-jurisdictional
 - v. Agricultural Drainage Ditch 1, non-jurisdictional
 - vi. Agricultural Drainage Ditch 2, non-jurisdictional
 - vii. Agricultural Drainage Ditch 3, non-jurisdictional
 - viii. Agricultural Drainage Ditch 4, non-jurisdictional
 - ix. Agricultural Drainage Ditch 5, non-jurisdictional
 - x. Drainage Swale 6, non-jurisdictional
 - xi. Agricultural Drainage Ditch 7, non-jurisdictional
 - xii. Agricultural Drainage Ditch 8, non-jurisdictional
 - xiii. Agricultural Drainage Ditch 9, non-jurisdictional
 - xiv. Agricultural Drainage Ditch 10, non-jurisdictional
 - xv. Agricultural Drainage Ditch 11, non-jurisdictional
 - xvi. Agricultural Drainage Ditch 12, non-jurisdictional
 - xvii. Agricultural Drainage Ditch 13, non-jurisdictional
 - xviii. Agricultural Drainage Ditch 14, non-jurisdictional
 - xix. Agricultural Drainage Ditch 15, non-jurisdictional

OPR

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), NAP-2025-00210-103

2. REFERENCES.

- a. “Revised Definition of ‘Waters of the United States,’” 88 FR 3004 (January 18, 2023) (“2023 Rule”)
 - b. “Revised Definition of ‘Waters of the United States’; Conforming” 88 FR 61964 (September 8, 2023)
 - c. *Sackett v. EPA*, 598 U.S. 651, 143 S. Ct. 1322 (2023)
3. REVIEW AREA. The subject site encompasses approximately 133.1 acres and is located north of Deer Run Road, east of Hudson Road, and West of Zion Church Road in the Selbyville area of Sussex County, Delaware (38.484278, -75.167443). The subject site is identified as Parcel IDs 533-11.00-31.00, 533-11.00-31.02, 533-11.00-31.03, 533-11.00-31.04, 533-11.00-31.05, 533-10.00-79.00, 533-11.00-19.00, 533-11.00-20.00, and 533-11.00-28.00. A site visit was conducted on June 17, 2025 with the purpose of assessing the ditches and borrow pit.
 4. NEAREST TRADITIONAL NAVIGABLE WATER (TNW), THE TERRITORIAL SEAS, OR INTERSTATE WATER TO WHICH THE AQUATIC RESOURCE IS CONNECTED. Dirickson Creek. Dirickson Creek is influenced by the ebb and flow of the tide.⁵
 5. FLOWPATH FROM THE SUBJECT AQUATIC RESOURCES TO A TNW, THE TERRITORIAL SEAS, OR INTERSTATE WATER. Waterbody B and Waterbody A drain off-site to the south and converge into the Bear Hole Tax Ditch Main branch, which drains into Dirickson Creek.
 6. SECTION 10 JURISDICTIONAL WATERS⁶: Describe aquatic resources or other features within the review area determined to be jurisdictional in accordance with Section 10 of the Rivers and Harbors Act of 1899. Include the size of each aquatic

⁵ This MFR should not be used to complete a new stand-alone TNW determination. A stand-alone TNW determination for a water that is not subject to Section 9 or 10 of the Rivers and Harbors Act of 1899 (RHA) 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.

⁶ 33 CFR 329.9(a) A waterbody which was navigable in its natural or improved state, or which was susceptible of reasonable improvement (as discussed in § 329.8(b) of this part) retains its character as “navigable in law” even though it is not presently used for commerce, or is presently incapable of such use because of changed conditions or the presence of obstructions.

OPR

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), NAP-2025-00210-103

resource or other feature within the review area and how it was determined to be jurisdictional in accordance with Section 10.⁷ N/A

7. SECTION 404 JURISDICTIONAL WATERS: Describe the aquatic resources within the review area that were found to meet the definition of waters of the United States in accordance with the 2023 Rule as amended, consistent with the Supreme Court's decision in *Sackett*. List each aquatic resource separately, by name, consistent with the naming convention used in section 1, above. Include a rationale for each aquatic resource, supporting that the aquatic resource meets the relevant category of "waters of the United States" in the 2023 Rule as amended. The rationale should also include a written description of, or reference to a map in the administrative record that shows, the lateral limits of jurisdiction for each aquatic resource, including how that limit was determined, and incorporate relevant references used. Include the size of each aquatic resource in acres or linear feet and attach and reference related figures as needed.

a. Traditional Navigable Waters (TNWs) (a)(1)(i): N/A

b. The Territorial Seas (a)(1)(ii): N/A

c. Interstate Waters (a)(1)(iii): N/A

d. Impoundments (a)(2): N/A

e. Tributaries (a)(3):

1. Waterbody A is a 3986 linear foot intermittent tax ditch that originates outside the review area to the northeast and continues outside the review area to the south. Waterbody A contained a relatively permanent flow of water and a defined bed and bank. Per the agencies' interpretation of relatively permanent tributaries, this tributary meets the relatively permanent standard due to having flowing or standing water year-round or continuously during certain times of the year.
2. Waterbody B is a 2866 linear foot perennial tax ditch that originates to the west of the review area and continues outside the review area to the south. Waterbody B contained a relatively permanent flow of water and a defined bed and bank. Per the agencies' interpretation of relatively permanent tributaries, this tributary meets the relatively permanent

⁷ This MFR is not to be used to make a report of findings to support a determination that the water is a navigable water of the United States. The district must follow the procedures outlined in 33 CFR part 329.14 to make a determination that water is a navigable water of the United States subject to Section 10 of the RHA.

OPR

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), NAP-2025-00210-103

standard due to having flowing or standing water year-round or continuously during certain times of the year.

3. Waterbody C is a 7228 linear foot perennial tax ditch that originates to the north of the review area and terminates into Waterbody B. Waterbody C contained a relatively permanent flow of water and a defined bed and bank. Per the agencies' interpretation of relatively permanent tributaries, this tributary meets the relatively permanent standard due to having flowing or standing water year-round or continuously during certain times of the year.

f. Adjacent Wetlands (a)(4): N/A

g. Additional Waters (a)(5): N/A

8. NON-JURISDICTIONAL AQUATIC RESOURCES AND FEATURES

- a. Describe aquatic resources and other features within the review area identified in the 2023 Rule as amended as not "waters of the United States" even where they otherwise meet the terms of paragraphs (a)(2) through (5). Include the type of excluded aquatic resource or feature, the size of the aquatic resource or feature within the review area and describe how it was determined to meet one of the exclusions listed in 33 CFR 328.3(b).⁸

1. Waterbody D is a 20.73 acre man-made borrow pit located entirely within the review area. The current property owner provided a copy of a land use ordinance (Resolution No. R 030 91) which allowed for the construction and use of the borrow pit. It has been recently utilized for mining borrow materials. Additionally, during the USACE site visit, this aquatic resource did not exhibit a continuous surface connection to any (a)(1) through (a)(3) waters, making it geographically separated. Waterbody D is a pit excavated in dry land for the purpose of obtaining fill, sand, or gravel, and is still being utilized for this purpose, and does not otherwise meet the definition of waters of the United States, thereby meeting the definition of a (b)(7) borrow area.
2. Agricultural Drainage Ditch 1 is a 199 linear foot ephemeral ditch that originates outside the review area to the west and terminates into Waterbody C. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 1 is

⁸ 88 FR 3004 (January 18, 2023)

OPR

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), NAP-2025-00210-103

excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.

3. Agricultural Drainage Ditch 2 is a 301 linear foot ephemeral ditch that originates outside the review area to the north and terminates into Waterbody C. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 2 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
4. Agricultural Drainage Ditch 3 is a 897 linear foot ephemeral ditch that originates within the review area and terminates into Waterbody C. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 3 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
5. Agricultural Drainage Ditch 4 is a 1077 linear foot ephemeral ditch that originates within the review area and terminates into Waterbody C. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 4 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
6. Agricultural Drainage Ditch 5 is a 984 linear foot ephemeral ditch that originates within the review area and terminates into Waterbody C. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 5 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
7. Drainage Swale 6 is a 164 linear foot ephemeral ditch that originates adjacent to Waterbody D and terminates into Waterbody C. Ditch 6 will occasionally carry overflow from Waterbody D into Waterbody C during rain events. This feature was excavated wholly in uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 6 is excavated wholly in and draining

OPR

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), NAP-2025-00210-103

only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.

8. Agricultural Drainage Ditch 7 is a 2106 linear foot ephemeral ditch that originates within the review area and terminates into Waterbody C and Waterbody B. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 7 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
9. Agricultural Drainage Ditch 8 is a 1830 linear foot ephemeral ditch that originates within the review area and terminates into Waterbody B. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 8 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
10. Agricultural Drainage Ditch 9 is a 913 linear foot ephemeral ditch that originates within the review area and terminates into Waterbody D. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 9 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
11. Agricultural Drainage Ditch 10 is a 273 linear foot ephemeral ditch that originates within the review area and terminates into Ditch 9. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 10 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
12. Agricultural Drainage Ditch 11 is a 680 linear foot ephemeral ditch that originates within the review area and terminates into Ditch 9. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 11 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.

OPR

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), NAP-2025-00210-103

13. Agricultural Drainage Ditch 12 is a 501 linear foot ephemeral ditch that originates outside the review area to the north and continues outside the review area to the east. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 12 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
 14. Agricultural Drainage Ditch 13 is a 478 linear foot ephemeral ditch that originates outside the review area to the south and terminates into Waterbody A. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 13 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
 15. Agricultural Drainage Ditch 14 is a 510 linear foot ephemeral ditch that originates within the review area and terminates into Waterbody A. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 14 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
 16. Agricultural Drainage Ditch 15 is a 592 linear foot ephemeral ditch that originates within the review area and terminates into Waterbody A. This feature was excavated wholly in uplands and drains only uplands. Additionally, this feature did not exhibit an ordinary high water mark or relatively permanent flow. Ditch 15 is excavated wholly in and draining only dry land and does not carry a relatively permanent flow of water, thereby meeting the definition of a (b)(3) ditch.
- b. Describe aquatic resources and features within the review area that were determined to be non-jurisdictional because they do not meet one or more categories of waters of the United States under the 2023 Rule as amended (e.g., tributaries that are non-relatively permanent waters; non-tidal wetlands that do not have a continuous surface connection to a jurisdictional water).
- N/A

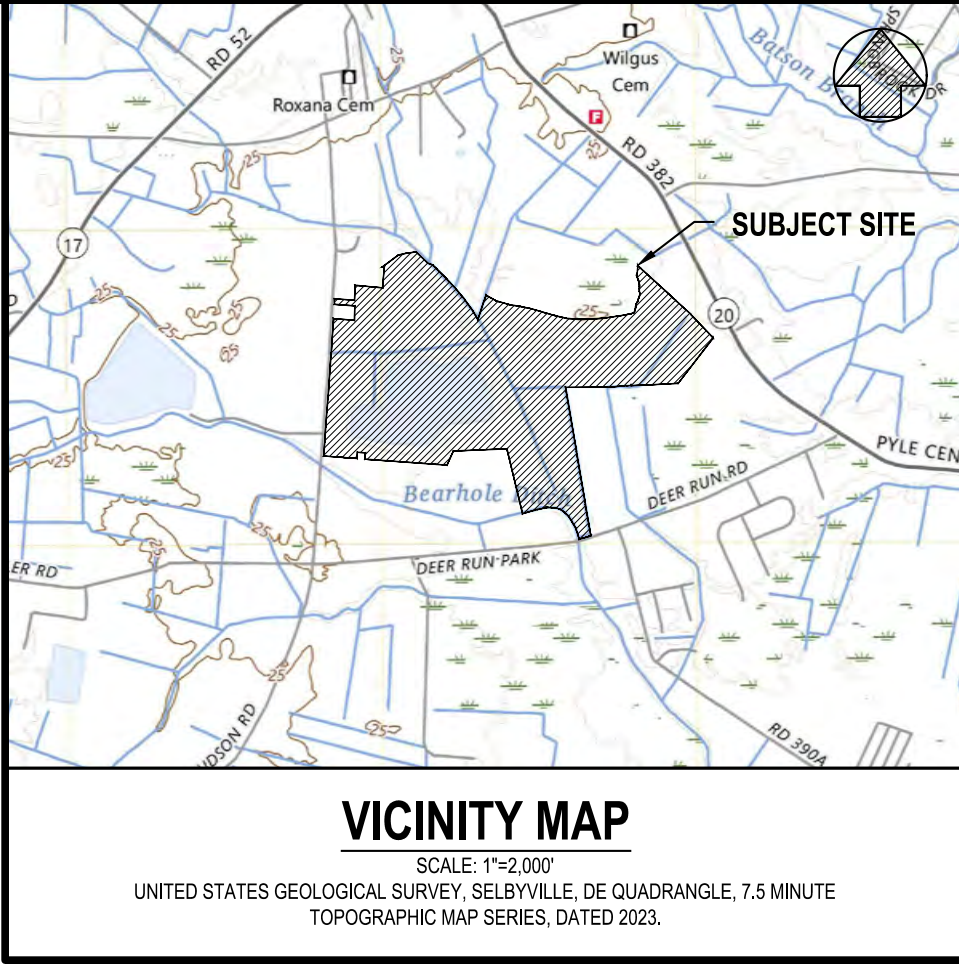
OPR

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), NAP-2025-00210-103

9. DATA SOURCES. List sources of data/information used in making determination. Include titles and dates of sources used and ensure that information referenced is available in the administrative record.
 - a. USACE site visit on June 17, 2025.
 - b. Wetland Delineation Report entitled "Wetland Delineation Report Deer Run Road Property"; prepared by Geo-Technology Associates, Incorporated; dated June 2, 2025.
 - c. Wetland Delineation Plan entitled "Wetland Delineation Plan"; prepared by Geo-Technology Associates, Incorporated; dated May 28, 2025; unrevised; 3 sheets.
 - d. Borrow Pit Outfall Photos entitled "Borrow Pit Outfall 1" & "Borrow Pit Outfall 2"; taken by Geo-Technology Associates, Incorporated.
 - e. Sussex County Borrow Pit Ordinance entitled "Ordinance No. 246"; prepared by The County Council of Sussex County; dated April 7, 1985.
10. OTHER SUPPORTING INFORMATION. N/A
11. NOTE: The structure and format of this MFR were developed in coordination with the EPA and Department of the Army. The MFR's structure and format may be subject to future modification or may be rescinded as needed to implement additional guidance from the agencies; however, the approved jurisdictional determination described herein is a final agency action.

SYMBOL ¹	NAME/DESCRIPTION ¹	HYDRIC SOIL ²	HYDRIC COMPONENT ²	PERCENTAGE OF MAPPING UNIT ²	POSITION IN LANDSCAPE ²
HJA	HURLOCK LOAMY SAND, 0 TO 2% SLOPES	YES	HURLOCK, DRAINED	41	FLATS, DEPRESSIONS, SWALES
KJA	KLEI LOAMY SAND, 0 TO 2% SLOPES	YES	BERRY, DRAINED	5	SWALES, FLATS, DEPRESSIONS
MJA	MULICA MUCKY SANDY LOAM, 0 TO 2% SLOPES	YES	MULICA, DRAINED	50	DRAINAGEWAYS, SWALES, DEPRESSIONS, FLATS
			MULICA, UNDRAINED	30	SWALES, DEPRESSIONS, FLATS
			BERRYLAND	10	SWALES, DEPRESSIONS, FLATS
			HURLOCK	10	FLATS
			MULICA, DRAINED	26	SWALES, DEPRESSIONS, FLATS
			BERRYLAND, DRAINED	24	SWALES, DEPRESSIONS, FLATS
			MULICA, UNDRAINED	16	SWALES, DRAINAGEWAYS, DEPRESSIONS, FLATS
			BERRYLAND, UNDRAINED	14	
			ASKECKSY	5	SWALES, DEPRESSIONS, FLATS

1. UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCE CONSERVATION SERVICE, SUSSEX COUNTY, DELAWARE, SOIL SURVEY DATA VERSION 22, DATED SEPTEMBER 1, 2004.
2. UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCE CONSERVATION SERVICE, HYDRIC SOILS LIST BY STATE, AVAILABLE AT [HTTPS://EFOTG.SC.GOV/USDA_GOV/REFERENCES/PUBLIC/STATE_LIST_NRCS_HYDRIC_SOILS_REPORT_DYNAMIC_DATA.HTM](https://efotg.sc.gov/USDA_GOV/REFERENCES/PUBLIC/STATE_LIST_NRCS_HYDRIC_SOILS_REPORT_DYNAMIC_DATA.HTM), AND ACCESSED ON JANUARY 20, 2025.



- PLAN PREPARED FOR: NVR, INC.
32445 ROYAL BLVD, SUITE 1
DAGSBORO, DELAWARE 19939
ATTN: MR. TYLER MALONE
- PLAN PREPARED BY: GEO-TECHNOLOGY ASSOCIATES, INC. (GTA)
3445-A BOX HILL CORPORATE CENTER DRIVE
ABINGDON, MARYLAND 21009
ATTN: MS. KIMBERLY MCNEW
PHONE: 410-515-5446
EMAIL: KMCNEW@GTAENG.COM
- AREA OF REVIEW: 133.1+ ACRES
- THIS PLAN WAS PRODUCED ON A BASE MAP PROVIDED BY SOLUTIONS IPEM, LLC.
- THERE ARE NO AREAS OF 100-YEAR FLOODPLAIN WITHIN THE SUBJECT SITE PER FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) NUMBER 2401002965, EFFECTIVE MAY 5, 2014.
- THE SUBJECT SITE GENERALLY DRAINS SOUTHEAST TOWARDS BEARHOLE DITCH, AN AGRICULTURAL DRAINAGE DITCH AND TRIBUTARY OF DRICKSON CREEK.
- A WETLAND DELINEATION OF THE SUBJECT SITE WAS PERFORMED BY GTA IN JANUARY 2025. WETLAND FLAG LOCATIONS WITHIN THE SUBJECT SITE WERE SURVEY LOCATED BY SOLUTIONS IPEM, LLC.
- AS A RESULT OF THE REVIEW OF THE SUBJECT SITE, IT IS GTA'S PROFESSIONAL OPINION THAT THERE ARE JURISDICTIONAL WATERBODIES PRESENT WITHIN THE SUBJECT SITE.
- GTA'S CONCLUSIONS REGARDING THIS SITE HAVE BEEN BASED ON OBSERVATIONS OF EXISTING CONDITIONS, PROFESSIONAL EXPERIENCE, AND GENERALLY ACCEPTED PROFESSIONAL ENVIRONMENTAL PRACTICE UNDER SIMILAR CIRCUMSTANCES. SEASONAL VEGETATION CYCLES AND FLUCTUATIONS IN PRECIPITATION OR WEATHER CONDITIONS CAN RESULT IN DIFFERENCES IN THE PERCEPTION OF HYDROLOGIC CONDITIONS AND THE PRESENCE OF PREDOMINANTLY HYDROPHYTIC VEGETATION, WHICH CAN ALTER GTA'S EVALUATION OF WETLANDS/WATERBODIES.
- IT IS IMPORTANT TO NOTE THAT THIS EVALUATION IS GTA'S PROFESSIONAL OPINION ONLY. DECISIONS REGARDING THE OFFICIAL JURISDICTIONAL STATUS OF WETLANDS/WATERBODIES ARE MADE BY FEDERAL, STATE, AND/OR LOCAL REGULATORY AGENCIES.
- THIS PLAN WAS PREPARED BY GTA FOR THE SOLE AND EXCLUSIVE USE OF NVR, INC. ANY REPRODUCTION OF THIS PLAN BY ANY OTHER PERSON WITHOUT THE EXPRESSED WRITTEN PERMISSION OF GTA AND NVR, INC. IS UNAUTHORIZED, AND SUCH USE IS AT THE SOLE RISK OF THE USER.

LEGEND

- SUBJECT PROPERTY
- EX. ADJACENT PROPERTY BOUNDARY
- EX. 1 FT CONTOUR
- EX. 5 FT CONTOUR
- EX. TREELINE
- EX. SOIL BOUNDARY
- EX. INTERMITTENT TAX DITCH (WITH NUMBERED FLAG LABELS)
- EX. PERENNIAL TAX DITCH (WITH NUMBERED FLAG LABELS)
- EX. OPEN WATER BORROW PIT (WITH NUMBERED FLAG LABELS)
- EX. AGRICULTURAL DRAINAGE DITCH
- DCP-1
- DCP-2
- NUMBERED PHOTOGRAPH LOCATION

AREA OF WATERBODIES

WATERBODIES	APPROXIMATE LENGTH	APPROXIMATE AREA
WATERBODY A	3,895 FT	-
WATERBODY B	2,866 FT	-
WATERBODY C	7,228 FT	-
WATERBODY D	-	9,721,693 SF (20.73 ACRES)

0' 20' 50' 100' 200'
SCALE: 1"=100'



GEO-TECHNOLOGY ASSOCIATES, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
3445-A BOX HILL CORPORATE CENTER DRIVE
ABINGDON, MARYLAND 21009
410-515-5446
FAX: 410-515-4495
WWW.GTAENG.COM
© GEO-TECHNOLOGY ASSOCIATES, INC.

WETLAND DELINEATION PLAN

DEER RUN ROAD

SUSSEX COUNTY, DELAWARE

REVISIONS:

JOB NO: 31242694
SCALE: 1" = 100'
DATE: JULY 23, 2025
DRAWN BY: DIA
DESIGN BY: MAJ/TAS
REVIEW BY: MAJ/TAS
SHEET: 1 OF 1

