



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

ADMINISTRATIVE INFORMATION

Completion Date of Approved Jurisdictional Determination (AJD): 28-APR-2021

ORM Number: LRB-2015-01225

Associated JDs: N/A

Review Area Location¹:

State/Territory: Ohio City: Westlake County/Parish/Borough: Cuyahoga

Center Coordinates of Review Area: Latitude: 41.421778 Longitude: -81.965281

I. 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

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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 independent 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.

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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.



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D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))⁴:

Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination
LRB-2015-01225 Wetland_1_2021	0.35 acres	(b)(1) Non-adjacent wetland	<p>(a)(1) Assessment: The wetland is not an (a)(1) traditional navigable water or a water subject to the ebb and flow of the tide. The wetland is not on the Buffalo District Section 10 list, has not been determined by a Federal Court to be navigable under Federal law, and does not meet the legal definition of navigable-in-fact. The wetland has not been used, is not currently being used, and is not susceptible of being used (with or without reasonable improvements), as a highway for commerce over which trade and travel are, or may be conducted in the customary modes of trade and travel on water. The wetland does not support navigation of any sort and is hundreds of miles from the nearest tidal water.</p> <p>(a)(2) Assessment: The wetland is not a naturally occurring surface water channel, or a constructed or excavated channel used to convey water and therefore, is not an (a)(2) water.</p> <p>(a)(3) Assessment: The wetland does not meet the definition of an (a)(3) water as it is not a lake, pond, or impoundment of a jurisdictional water. The wetland is not a standing body of open water. Mapping resources do not indicate that a water of the U.S. previously existed in this location.</p> <p>(a)(4) Assessment: The wetland does not meet the definition of an (a)(4) adjacent wetland as it does not meet any of the four adjacency criteria set forth in 33CFR328.3(c)(1) as described below.</p> <ul style="list-style-type: none"> • The wetland does not abut/touch a water identified in paragraph (a)(1), (2), or (3) at any point or on any side. The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. The nearest potential (a)(1), (2), or (3) waters are 800+ feet away (see Section III C) from the wetland and are separated from the wetland by roads and development. • The wetland is not inundated by flooding from a water identified in paragraph (a)(1), (2), or (3) in a typical year. The wetland is located within FEMA Flood Zone X (area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level). The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. The nearest potential (a)(1), (2), or (3) waters are 800+ feet away (see Section III C) from the wetland and are separated

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			<p>from the wetland by roads and development. As the nearest potential (a)(1), (2), or (3) water is located at such a distance away, the wetland is within a designated FEMA zone with minimal flooding potential, and any flooding from the (a)(1), (2), or (3) water would have to extend past/over roads, yards, houses, and other higher elevation fills/features, it is highly unlikely that the wetland would be inundated by flooding from an (a)(1), (2), or (3) water in a typical year. No evidence of inundation by flooding was observed during the December 3, 2015 site visit nor on any aerial photographs which included drier than normal conditions, normal conditions, and wetter than normal conditions.</p> <ul style="list-style-type: none"> • The wetland is not physically separated from a water identified in paragraph (a)(1), (2), or (3) only by a natural berm, bank, dune, or similar natural feature. The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. No berms, banks, dunes, or other natural features persist along the wetland boundary. The nearest potential (a)(1), (2), or (3) waters are 800+ feet away (see Section IIIC) from the wetland and are separated from the wetland by roads and development. • The wetland is not physically separated from a water identified in paragraph (a)(1), (2), or (3) only by an artificial dike, barrier, or similar artificial structure. The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. No artificial dike, barrier, or similar artificial structure persist immediately along to the wetland boundary. The nearest potential (a)(1), (2), or (3) waters are 800+ feet away (see Section IIIC) from the wetland and are separated from the wetland by multiple artificial structures (roads and development. No culvert, flood or tide gate, pump, or similar artificial feature provides direct hydrologic connection between the wetland a water identified in paragraph (a)(1), (2), or (3). The wetland drains downslope via discrete overland sheet flow to a drainageway/swale. The drainageway/swale drains into a storm sewer catch basin that ultimately outlets to a tributary however, this alone does not satisfy adjacency criteria. The wetland is not part of a larger wetland divided by a road or similar artificial structure.
LRB-2015-01225 Wetland 2_2021	0.07 acres	(b)(1) Non-adjacent wetland	<p>(a)(1) Assessment: The wetland is not an (a)(1) traditional navigable water or a water subject to the ebb and flow of the tide. The wetland is not on the Buffalo District Section 10 list, has not been determined by a Federal Court to be navigable under Federal law, and does not meet the legal definition of navigable-in-fact.</p>

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			<p>The wetland has not been used, is not currently being used, and is not susceptible of being used (with or without reasonable improvements), as a highway for commerce over which trade and travel are, or may be conducted in the customary modes of trade and travel on water. The wetland does not support navigation of any sort and is hundreds of miles from the nearest tidal water.</p> <p>(a)(2) Assessment: The wetland is not a naturally occurring surface water channel, or a constructed or excavated channel used to convey water and therefore, is not an (a)(2) water.</p> <p>(a)(3) Assessment: The wetland does not meet the definition of an (a)(3) water as it is not a lake, pond, or impoundment of a jurisdictional water. The wetland is not a standing body of open water. Mapping resources do not indicate that a water of the U.S. previously existed in this location.</p> <p>(a)(4) Assessment: The wetland does not meet the definition of an (a)(4) adjacent wetland as it does not meet any of the four adjacency criteria set forth in 33CFR328.3(c)(1) as described below.</p> <ul style="list-style-type: none"> • The wetland does not abut/touch a water identified in paragraph (a)(1), (2), or (3) at any point or on any side. The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. The nearest potential (a)(1), (2), or (3) waters are 800+ feet away (see Section III C) from the wetland and are separated from the wetland by roads and development. • The wetland is not inundated by flooding from a water identified in paragraph (a)(1), (2), or (3) in a typical year. The wetland is located within FEMA Flood Zone X (area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level). The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. The nearest potential (a)(1), (2), or (3) waters are 800+ feet away (see Section III C) from the wetland and are separated from the wetland by roads and development. As the nearest potential (a)(1), (2), or (3) water is located at such a distance away, the wetland is within a designated FEMA zone with minimal flooding potential, and any flooding from the (a)(1), (2), or (3) water would have to extend past/over roads, yards, houses, and other higher elevation fills/features, it is highly unlikely that the wetland would be inundated by flooding from an (a)(1), (2), or (3) water in a typical year. No evidence of inundation by flooding
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			<p>was observed during the December 3, 2015 site visit nor on any aerial photographs which included drier than normal conditions, normal conditions, and wetter than normal conditions.</p> <ul style="list-style-type: none"> The wetland is not physically separated from a water identified in paragraph (a)(1), (2), or (3) only by a natural berm, bank, dune, or similar natural feature. The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. No berms, banks, dunes, or other natural features persist along the wetland boundary. The nearest potential (a)(1), (2), or (3) waters are 800+ feet away (see Section IIIC) from the wetland and are separated from the wetland by roads and development. The wetland is not physically separated from a water identified in paragraph (a)(1), (2), or (3) only by an artificial dike, barrier, or similar artificial structure. The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. No artificial dike, barrier, or similar artificial structure persist immediately along to the wetland boundary. The nearest potential (a)(1), (2), or (3) waters are 800+ feet away (see Section IIIC) from the wetland and are separated from the wetland by multiple artificial structures (roads and development). While the wetland does drain into a catch basin which ultimately routes through a storm sewer and outlets into an (a)(2) water, the wetland is separated from the (a)(2) water by several manmade barriers (roads, development, fills/features) thereby not meeting the adjacency criteria. The wetland is not part of a larger wetland divided by a road or similar artificial structure.
LRB-2015-01225 Wetland 3_2021	0.08 acres	(b)(1) Non-adjacent wetland	See rationale for Wetland 1.
LRB-2015-01225 Wetland 4_2021	0.02 acres	(b)(1) Non-adjacent wetland	<p>(a)(1) Assessment: The wetland is not an (a)(1) traditional navigable water or a water subject to the ebb and flow of the tide. The wetland is not on the Buffalo District Section 10 list, has not been determined by a Federal Court to be navigable under Federal law, and does not meet the legal definition of navigable-in-fact. The wetland has not been used, is not currently being used, and is not susceptible of being used (with or without reasonable improvements), as a highway for commerce over which trade and travel are, or may be conducted in the customary modes of trade and travel on water. The wetland does not support navigation of any sort and is hundreds of miles from the nearest tidal water.</p> <p>(a)(2) Assessment: The wetland is not a naturally occurring surface water channel, or a constructed or</p>

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			<p>excavated channel used to convey water and therefore, is not an (a)(2) water.</p> <p>(a)(3) Assessment: The wetland does not meet the definition of an (a)(3) water as it is not a lake, pond, or impoundment of a jurisdictional water. The wetland is not a standing body of open water. Mapping resources do not indicate that a water of the U.S. previously existed in this location.</p> <p>(a)(4) Assessment: The wetland does not meet the definition of an (a)(4) adjacent wetland as it does not meet any of the four adjacency criteria set forth in 33CFR328.3(c)(1) as described below.</p> <ul style="list-style-type: none"> • The wetland does not abut/touch a water identified in paragraph (a)(1), (2), or (3) at any point or on any side. The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. The nearest potential (a)(1), (2), or (3) waters are 800+ feet away (see Section III C) from the wetland and are separated from the wetland by roads and development. • The wetland is not inundated by flooding from a water identified in paragraph (a)(1), (2), or (3) in a typical year. The wetland is located within FEMA Flood Zone X (area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level). The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. The nearest potential (a)(1), (2), or (3) waters are 800+ feet away (see Section III C) from the wetland and are separated from the wetland by roads and development. As the nearest potential (a)(1), (2), or (3) water is located at such a distance away, the wetland is within a designated FEMA zone with minimal flooding potential, and any flooding from the (a)(1), (2), or (3) water would have to extend past/over roads, yards, houses, and other higher elevation fills/features, it is highly unlikely that the wetland would be inundated by flooding from an (a)(1), (2), or (3) water in a typical year. No evidence of inundation by flooding was observed during the December 3, 2015 site visit nor on any aerial photographs which included drier than normal conditions, normal conditions, and wetter than normal conditions. • The wetland is not physically separated from a water identified in paragraph (a)(1), (2), or (3) only by a natural berm, bank, dune, or similar natural feature. The wetland is surrounded by upland on all sides as verified by the Corps in the field during the December 3, 2015 site visit. No berms, banks, dunes, or other natural features persist along the
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LRB-2015-01225 Wetland 5_2021	0.01 acres	(b)(1) Non-adjacent wetland	See rationale for Wetland 1.

II. 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: *Wetland Delineation Report, Permanent Parcel Number 217-06-033, Center Ridge Road & Hillsborough Point Drive, Westlake, Ohio, November 2015 & Revised Delineation Map submitted to USACE LRB via email on January 5, 2015*

This information is sufficient for purposes of this AJD.

Rationale: N/A

Data sheets prepared by the Corps: *Title(s) and/or date(s).*

Photographs: *Corps Site Visit photographs from December 3, 2015; ConnectExplorer aerial photographs dated 4/12/15, 4/7/2019, 11/12/2020, 12/14/2018, and 4/8/2017; Google Earth aerial photographs dated 2/28/2006; Historicaerials.com aerial photographs dated 1952, 1962, 1982, 1994, 2004, and 2017.*

Corps Site visit(s) conducted on: *December 3, 2015*

Previous Jurisdictional Determinations (AJDs or PJDs): *LRB-2015-01225- March 25, 2016 Approved Jurisdictional Determination*

Antecedent Precipitation Tool: *provide detailed discussion in Section III.B.*

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- USDA NRCS Soil Survey:** *USDA NRCS Web Soil Survey, <https://websoilsurvey.nrcs.usda.gov/> accessed 3/22/2021 & 1980 USDA SCS Soil Survey of Cuyahoga County, Ohio (https://www.nrcs.usda.gov/Internet/FSE_MANUSCRIPTS/ohio/cuyahogaOH1980/cuyahogaOH1980.pdf)*
- USFWS NWI maps:** *USFWS National Wetland Inventory: Surface Waters and Wetlands, <https://www.fws.gov/wetlands/data/mapper.html> accessed 3/22/2021*
- USGS topographic maps:** *Topographic maps from historicaerials.com dated 1934, 1948, 1961, 1979, 1985, 2000, and 2019*

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	USGS The National Map Viewer, https://apps.nationalmap.gov/viewer/ accessed 3/22/2021
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	USACE ORM Database (Regulatory- ORM Project Locations and ORM Aquatic Resources)
State/Local/Tribal Sources	Cuyahoga County Web Mapping Application (https://gis.cuyahogacounty.us/html5viewer/?viewer=cegis) "2006 2 Foot Elevation Contours"
Other Sources	USEPA WATERS GeoViewer, https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=ada349b90c26496ea52aab66a092593b accessed 3/22/2021

B. Typical year assessment(s): The Corps Antecedent Precipitation Tool was used to complete typical year assessments. The APT pulls precipitation data from NOAA's Daily Global Historical Climatology Network. The APT evaluates normal precipitation conditions based on the three 30-day periods preceding the observation date. For each period, a weighted condition value is assigned by determining whether the 30- day precipitation total falls within, above, or below the 70th and 30th percentiles for totals from the same date range over the preceding 30 years. The APT then makes a determination of "normal," "wetter than normal," or "drier than normal" based on the condition value sum. The APT also displays results generated via the Palmer Drought Severity Index (PDSI) and the University of Delaware WebWIMP. The latitude/longitude for the subject parcel was input into the APT and "single" point was chosen for the geographic area. A "single point" geographic area was used, using the center coordinates of the review area (41.421778, -81.965281). Results and assessments are provided below:

Latitude	Longitude	Date	PDSI Value	PDSI Class	Season	ARC Score	Antecedent Precip Condition
41.42178	-81.9653	12/3/2015	-1.62	Mild drought	Wet Season	7	Drier than Normal
<i>Assessment: The 12/3/2015 Corps site visit occurred during drier than normal conditions however, it was raining the day of and a few days preceding the site visit.</i>							
41.42178	-81.9653	4/12/2015	1.81	Mild wetness	Wet Season	9	Drier than Normal

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<i>Assessment: The 4/12/2015 aerial photograph was taken during drier than normal conditions. No rain was recorded immediately preceding the date of the photograph.</i>							
41.42178	-81.9653	11/12/2020	1.99	Mild wetness	Wet Season	14	Normal Conditions
<i>Assessment: The 11/12/2020 aerial photograph was taken during normal conditions. A small amount of rain <0.25" preceded the date of the photograph.</i>							
41.42178	-81.9653	4/7/2019	2.73	Moderate wetness	Wet Season	13	Normal Conditions
<i>Assessment: The 4/7/2019 aerial photograph was taken during normal conditions. A small amount of rain <0.5" preceded the date of the photograph.</i>							
41.42178	-81.9653	12/14/2018	2.76	Moderate wetness	Wet Season	14	Normal Conditions
<i>Assessment: The 12/14/2018 aerial photograph was taken during normal conditions. No rain was recorded immediately preceding the date of the photograph.</i>							
41.42178	-81.9653	4/8/2017	1.06	Mild wetness	Wet Season	16	Wetter than Normal
<i>Assessment: The 4/8/2017 aerial photograph was taken during wetter than normal conditions. Several days of rain preceded the date of the photograph.</i>							
41.42178	-81.9653	2/28/2006	-0.29	Normal	Wet Season	14	Normal Conditions
<i>Assessment: The 2/28/2006 aerial photograph was taken during normal conditions. A small amount of rain <0.25" occurred on the date of the photograph.</i>							

C. Additional comments to support AJD:

- The March 25, 2016 Approved Jurisdictional Determination indicated that the wetlands on-site all drain downslope northwest via overland flow into a drainageway which terminates at a catch basin. The catch basin flows underground for approximately 2 miles in a northerly direction until it outlets into a perennial tributary to French Creek near the intersection of Hilliard Boulevard and Bradley Road. Additionally, the March 25, 2016 Approved Jurisdictional Determination letter verified the presence of five wetlands within the review area and no tributaries or other waters were documented; the delineation verification was supported by a Corps site visit.
- Site visit photographs taken by the Corps on December 3, 2015 show the off-site drainageway as a very slight concave feature on the landscape. This feature is best described as a swale, lacks a defined channel, and does not have bed and banks. This feature carried a small amount of surface flow during the site visit and it was raining the day of the site visit.
- A review of aerial photography from ConnectExplorer (<https://explorer.eagleview.com/index.php#>) indicates that neither the review area conditions nor surrounding land uses appear to have changed from the 4/12/15 photograph to the 11/12/20 photograph. The review area is bound to the northwest by residential development, to the northeast by Hillsborough Point Drive, to the southeast by Center Ridge Road and a residence, and to the southwest by commercial development.
- No tributaries are evident within the review area or the larger tract bound by Center Ridge Road, Muirfield Way, Prestwick Cross, and Hillsborough Point Drive as per a review of ConnectExplorer aerial imagery dated 4/12/15, 4/7/2019, 11/12/2020, 12/14/2018, and 4/8/2017 and Google Earth aerial imagery dated 2/28/2006. A review of this same aerial photography indicates that the closest potential (a)(1), (2), or (3) waters are as follows (based on aerial photography interpretation): apparent tributary ~1300 feet west of the

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review area, apparent tributary ~800 feet south of the review area, apparent tributary ~1950 feet north of the review area, apparent pond/impoundment ~1850 feet northwest of the review area, and apparent tributary ~950 east of the review area (coincides with LRB-2018-01257). Additionally, the aerial photographs reviewed did not depict inundation by flooding between the identified potential (a)(1), (2), or (3) waters and the wetland.

- According to the Cuyahoga County Web Mapping Application (<https://gis.cuyahogacounty.us/html5viewer/?viewer=cegis>) "2006 2 Foot Elevation Contours," the review area slopes down in a northwesterly direction from about 734' (IGDS Level 50) to approximately 716' (IGDS Level 50).
- The USFWS National Wetlands Inventory Surface Waters and Wetlands does not identify any wetland or riparian resources within the review area.
- The USGS National Map (<https://apps.nationalmap.gov/viewer/>) does not identify any streams within the review area. The nearest identified streams (aerial distance) are as follows: 0.5 mile northwest of the review area (unnamed intermittent tributary to French Creek), 0.5 mile northeast of the review area (Unnamed intermittent tributary to Cahoon Creek), 0.9 mile southeast of the review area (intermittent Cahoon Creek, and 1.1 mile west of the review area (perennial unnamed tributary to French Creek).
- The USGS topographic maps (historicaerials.com) from 1934, 1948, 1961, 1979, 1985, 2000, and 2019 do not depict any streams, ditches, or wetlands within the review area.
- Historicaerials.com aerial photographs from 1952 and 1962 indicate the site was used for agriculture and possibly a tree farm. Linear signatures are visible on the aerials however, it is unclear if they are access roads or ditches. The Historicaerials.com aerial photographs from 1982, 1994, 2004, and 2017 show the entire review area as forested.
- USACE ORM project and aquatic resource data identify the nearest potential (a)(1), (a)(2), or (a)(3) water as an intermittent tributary approximately 950 feet of the review area (LRB-2018-01257 preliminary jurisdictional determination dated February 12, 2019). This intermittent tributary is separated from the wetland by roads and development.
- The 1980 USDA SCS Soil Survey of Cuyahoga County, Ohio (https://www.nrcs.usda.gov/Internet/FSE_MANUSCRIPTS/ohio/cuyahogaOH1980/cuyahogaOH1980.pdf) does not identify any stream or wetland features within the review area or immediately adjacent to the review area. Soils within the review area are identified as MtA- Mitiwanga silt loam 0-2% slopes (roughly the back half of the site, somewhat poorly drained, perched seasonal high water table at 12-20") and OsB-Oshtemo sandy loam 2-6% slopes (roughly the front half of the site, well drained, rapidly permeable, low potential for water impoundment).
- The NRCS Web Soil Survey does not identify any stream or wetland features within the review area or immediately adjacent to the review area. Soils within the review area are identified as MtA- Mitiwanga silt loam 0-2% slopes (roughly the back half of the site) and OsB- Oshtemo sandy loam 2-6% slopes (roughly the front half of the site).

MtA Properties and Qualities:

- Slope: 0 to 2 percent
- Depth to restrictive feature: 20 to 40 inches to lithic bedrock
- Drainage class: Somewhat poorly drained
- Capacity of the most limiting layer to transmit water (Ksat): Very low to high (0.00 to 2.00 in/hr)

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- Depth to water table: About 12 to 30 inches
- Frequency of flooding: None
- Frequency of ponding: None
- Available water capacity: Low (about 4.7 inches)
- Hydric soil rating: No

OsB Properties and Qualities

- Slope: 2 to 6 percent
- Depth to restrictive feature: More than 80 inches
- Drainage class: Well drained
- Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
- Depth to water table: More than 80 inches
- Frequency of flooding: None
- Frequency of ponding: None
- Calcium carbonate, maximum content: 25 percent
- Available water capacity: Moderate (about 7.2 inches)
- Hydric soil rating: No

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