



®

Regulatory Program



®

INTERIM APPROVED JURISDICTIONAL DETERMINATION FORM

U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in the Interim Approved Jurisdictional Determination Form User Manual.

SECTION I: BACKGROUND INFORMATION

A. COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (AJD): September 5, 2019

B. ORM NUMBER IN APPROPRIATE FORMAT (e.g., HQ-2015-00001-SMJ): NAE-2019-01644

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Vermont County/parish/borough: Rutland City: Rutland Town and City

Center coordinates of site (lat/long in degree decimal format): Lat. 43.589707, Long. -72.971513.

Map(s)/diagram(s) of review area (including map identifying single point of entry (SPOE) watershed and/or potential jurisdictional areas where applicable) is/are: ☒ attached ☐ in report/map titled

☐ Other sites (e.g., offsite mitigation sites, disposal sites, etc.) are associated with this action and are recorded on a different jurisdictional determination (JD) form. List JD form ID numbers (e.g., HQ-2015-00001-SMJ-1):

D. REVIEW PERFORMED FOR SITE EVALUATION:

☐ Office (Desk) Determination Only. Date:

☒ Office (Desk) and Field Determination. Office/Desk Dates: September 3, 2019 Field Date(s): July 2, 2019.

SECTION II: DATA SOURCES

Check all that were used to aid in the determination and attach data/maps to this AJD form and/or references/citations in the administrative record, as appropriate.

☒ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant. Title/Date: "EXISTING WETLAND AREAS" dated "5/10/19" and "9/3/19"

"VTRANS MOON BROOK FLOW RESTORATION PLAN", (undated).

☒ Data sheets prepared/submitted by or on behalf of the applicant/consultant.

☒ Data sheets/delineation report are sufficient for purposes of AJD form. Title/Date: Representative paired plot datasheets titled "Barnhart/W of 263 So. Main St.", and dated "8/5/19".

☐ Data sheets/delineation report are not sufficient for purposes of AJD form. Summarize rationale and include information on revised data sheets/delineation report that this AJD form has relied upon:

Revised Title/Date:

☐ Data sheets prepared by the Corps. Title/Date:

☐ Corps navigable waters study. Title/Date:

☐ CorpsMap ORM map layers. Title/Date:

☐ USGS Hydrologic Atlas. Title/Date:

☐ USGS, NHD, or WBD data/maps. Title/Date:

☐ USGS 8, 10 and/or 12 digit HUC maps. HUC number:

☐ USGS maps. Scale & quad name and date:

☐ USDA NRCS Soil Survey. Citation:

☐ USFWS National Wetlands Inventory maps. Citation:

☒ State/Local wetland inventory maps. Citation: Map, titled "Natural Resources Atlas", dated "July 24, 2019"

Map, titled "Stormwater Infrastructure", and dated "August 21, 2019" depicting stormwater features

Map, titled "FEMA Floodways", dated "August 28, 2019".

☐ FEMA/FIRM maps. Citation:

☒ Photographs: ☒ Aerial. Citation: or ☒ Other. Citation: Photos taken during site visits on September 25, 2015, November 17, 2017, and July 2, 2019.

- ☒ LiDAR data/maps. Citation: "LIDAR MAP", dated "August 21, 2019".
- ☐ Previous JDs. File no. and date of JD letter:
- ☐ Applicable/supporting case law:
- ☐ Applicable/supporting scientific literature:
- ☐ Other information (please specify):

SECTION III: SUMMARY OF FINDINGS

Complete ORM "Aquatic Resource Upload Sheet" or Export and Print the Aquatic Resource Water Droplet Screen from ORM for All Waters and Features, Regardless of Jurisdictional Status – Required

A. RIVERS AND HARBORS ACT (RHA) SECTION 10 DETERMINATION OF JURISDICTION:

- ☐ "navigable waters of the U.S." within RHA jurisdiction (as defined by 33 CFR part 329) in the review area.

• Complete Table 1 - Required

NOTE: If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Section 10 navigable waters list, DO NOT USE THIS FORM TO MAKE THE DETERMINATION. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Section 10 RHA navigability determination.

B. CLEAN WATER ACT (CWA) SECTION 404 DETERMINATION OF JURISDICTION: "waters of the U.S." within CWA jurisdiction (as defined by 33 CFR part 328.3) in the review area. Check all that apply.

- ☐ (a)(1): All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (Traditional Navigable Waters (TNWs))

• Complete Table 1 - Required

- ☐ This AJD includes a case-specific (a)(1) TNW (Section 404 navigable-in-fact) determination on a water that has not previously been designated as such. Documentation required for this case-specific (a)(1) TNW determination is attached.

- ☐ (a)(2): All interstate waters, including interstate wetlands.

• Complete Table 2 - Required

- ☐ (a)(3): The territorial seas.

• Complete Table 3 - Required

- ☐ (a)(4): All impoundments of waters otherwise identified as waters of the U.S. under 33 CFR part 328.3.

• Complete Table 4 - Required

- ☐ (a)(5): All tributaries, as defined in 33 CFR part 328.3, of waters identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

• Complete Table 5 - Required

- ☐ (a)(6): All waters adjacent to a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3, including wetlands, ponds, lakes, oxbows, impoundments, and similar waters.

• Complete Table 6 - Required

- ☐ Bordering/Contiguous.

Neighboring:

- ☐ (c)(2)(i): All waters located within 100 feet of the ordinary high water mark (OHWM) of a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3.

- ☐ (c)(2)(ii): All waters located within the 100-year floodplain of a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3 and not more than 1,500 feet of the OHWM of such water.

- ☐ (c)(2)(iii): All waters located within 1,500 feet of the high tide line of a water identified in paragraphs (a)(1) or (a)(3) of 33 CFR part 328.3, and all waters within 1,500 feet of the OHWM of the Great Lakes.

- ☐ (a)(7): All waters identified in 33 CFR 328.3(a)(7)(i)-(v) where they are determined, on a case-specific basis, to have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

• Complete Table 7 for the significant nexus determination. Attach a map delineating the SPOE watershed boundary with (a)(7) waters identified in the similarly situated analysis. - Required

- ☐ Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus determination.

- ☐ (a)(8): All waters located within the 100-year floodplain of a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3 not covered by (c)(2)(ii) above and all waters located within 4,000 feet of the high tide line or OHWM of a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3 where they are determined on a case-specific basis to have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

- **Complete Table 8 for the significant nexus determination. Attach a map delineating the SPOE watershed boundary with (a)(8) waters identified in the similarly situated analysis. - Required**

☐ Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus determination.

C. NON-WATERS OF THE U.S. FINDINGS:

Check all that apply.

- ☐ The review area is comprised entirely of dry land.
- ☐ Potential-(a)(7) Waters: Waters that DO NOT have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

- **Complete Table 9 and attach a map delineating the SPOE watershed boundary with potential (a)(7) waters identified in the similarly situated analysis. - Required**

☐ Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus determination.

- ☒ Potential-(a)(8) Waters: Waters that DO NOT have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

- **Complete Table 9 and attach a map delineating the SPOE watershed boundary with potential (a)(8) waters identified in the similarly situated analysis. - Required**

☐ Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus determination.

- ☒ Excluded Waters (Non-Waters of U.S.), even where they otherwise meet the terms of paragraphs (a)(4)-(a)(8):

- **Complete Table 10 - Required**

☐ (b)(1): Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the CWA.

☐ (b)(2): Prior converted cropland.

☐ (b)(3)(i): Ditches with ephemeral flow that are not a relocated tributary or excavated in a tributary.

☐ (b)(3)(ii): Ditches with intermittent flow that are not a relocated tributary, excavated in a tributary, or drain wetlands.

☐ (b)(3)(iii): Ditches that do not flow, either directly or through another water, into a water identified in paragraphs (a)(1)-(a)(3).

☐ (b)(4)(i): Artificially irrigated areas that would revert to dry land should application of water to that area cease.

☐ (b)(4)(ii): Artificial, constructed lakes and ponds created in dry land such as farm and stock watering ponds, irrigation ponds, settling basins, fields flooded for rice growing, log cleaning ponds, or cooling ponds.

☐ (b)(4)(iii): Artificial reflecting pools or swimming pools created in dry land.¹

☐ (b)(4)(iv): Small ornamental waters created in dry land.¹

☐ (b)(4)(v): Water-filled depressions created in dry land incidental to mining or construction activity, including pits excavated for obtaining fill, sand, or gravel that fill with water.

☐ (b)(4)(vi): Erosional features, including gullies, rills, and other ephemeral features that do not meet the definition of tributary, non-wetland swales, and lawfully constructed grassed waterways.¹

☐ (b)(4)(vii): Puddles.¹

☐ (b)(5): Groundwater, including groundwater drained through subsurface drainage systems.¹

☒ (b)(6): Stormwater control features constructed to convey, treat, or store stormwater that are created in dry land.¹

☐ (b)(7): Wastewater recycling structures created in dry land; detention and retention basins built for wastewater recycling; groundwater recharge basins; percolation ponds built for wastewater recycling; and water distributary structures built for wastewater recycling.

- ☐ Other non-jurisdictional waters/features within review area that do not meet the definitions in 33 CFR 328.3 of (a)(1)-(a)(8) waters and are not excluded waters identified in (b)(1)-(b)(7).

- **Complete Table 11 - Required.**

D. ADDITIONAL COMMENTS TO SUPPORT AJD: On July 2, 2019, the Corps conducted a site visit to review the waters subject to this Approved Jurisdictional Determination. Additional remote tools (online mapping resources, etc.) were reviewed and the following conclusions were made:

¹ In many cases these excluded features will not be specifically identified on the AJD form, unless specifically requested. Corps Districts may, in case-by-case instances, choose to identify some or all of these features within the review area.

The stormwater swale on the property is a stormwater control feature constructed to convey, treat, or store stormwater from the surrounding development and roadway infrastructure. Stormwater enters the site from an existing stormwater pipe at the southeastern corner of the property. This pipe conveys stormwater from surrounding infrastructure including the U.S. Route 7 highway system. The 1976 property deed states that "Stowell Transportation Corp. shall excavate forthwith a trench along the south line of the within conveyed premises, half on the remaining property of Randall Company, Inc. and half on the within conveyed premises. The trench shall be reasonable size as to permit the normal runoff of water that enter the within conveyed property from U.S. Route 7 or otherwise." This trench matches the description of the stormwater swale running east to west along the southern property boundary. Based on aerial mapping tools and in reference to the 1976 deed, it is reasonable to conclude the stormwater swale was constructed in dry land and is thereby excluded per (b)(6) "Stormwater control features constructed to convey, treat or store stormwater that are created in dry land".

In addition, the Vermont Agency of Transportation, who maintains the stormwater swale, proposed a stormwater improvement project to treat the stormwater conveyed by this swale. This proposal included construction of a gravel wetland to treat stormwater and further supports the identification of this conveyance as a stormwater control feature (see "VTRANS MOON BROOK FLOW RESTORATION PLAN", undated). The feature is located in a municipal/urban environment and is not a transportation or agricultural ditch which would be assessed under exclusion (b)(3).

The stormwater swale exhibits a bed and banks and an ordinary high water mark but is not a tributary since it is excluded per (b)(6). The stormwater swale conveys intermittent flow and dissipates into a marsh dominated by *Phragmites australis* located to the east of existing railroad tracks. This stormwater swale is periodically maintained (i.e. excavation of accumulated sediments) every 5-7 years by the Vermont Agency of Transportation.

A portion of the stormwater swale directly abuts the southern boundary of Wetland B and the northern boundary of Wetland C, which is located on the property to the south and outside of the Approved Jurisdictional Review Area. However, there is no evidence that the swale drains these wetlands nor does it show evidence of being constructed within these wetlands. The Corps has concluded the stormwater feature was constructed in dry land and is excluded per (b)(6) (See Table 10).

Wetlands A and B are not located within 100' of the ordinary high water mark of an (a)(1) through (a)(5) water. The wetlands are not located within the 100 year floodplain of an (a)(1) through (a)(5) water. Wetlands A and B are located within 4,000' of Otter Creek which is an (a)(3) water approximately 9 river miles or 5.6 aerial miles to the northwest of the parcel. Wetlands A and B are also within 4,000' of Mussey Brook, an (a)(5) water located to the north of the parcel. A significant nexus assessment was made and determined that Wetlands A and B do not have a significant nexus to Otter Creek, the nearest Traditional Navigable Water (TNW) and are not jurisdictional waters of the U.S. (see Table 9).

Jurisdictional Waters of the U.S.

Table 1. (a)(1) Traditional Navigable Waters

(a)(1) Waters Name	(a)(1) Criteria	Rationale to Support (a)(1) Designation Include High Tide Line or Ordinary High Water Mark indicators, when applicable.
N/A	Choose an item.	N/A

Table 2. (a)(2) Interstate Waters

(a)(2) Waters Name	Rationale to Support (a)(2) Designation
N/A	N/A

Table 3. (a)(3) Territorial Seas

(a)(3) Waters Name	Rationale to Support (a)(3) Designation
N/A	N/A

Table 4. (a)(4) Impoundments

(a)(4) Waters Name	Rationale to Support (a)(4) Designation
N/A	N/A

Table 5. (a)(5) Tributaries

(a)(5) Waters Name	Flow Regime	(a)(1)-(a)(3) Water Name to which this (a)(5) Tributary Flows	Tributary Breaks	Rationale for (a)(5) Designation and Additional Discussion. Identify flowpath to (a)(1)-(a)(3) water or attach map identifying the flowpath; explain any breaks or flow through excluded/non-jurisdictional features, etc.
N/A	Choose an item.		Choose an item.	

Table 6. (a)(6) Adjacent Waters

(a)(6) Waters Name	(a)(1)-(a)(5) Water Name to which this Water is Adjacent	Rationale for (a)(6) Designation and Additional Discussion. Identify the type of water and how the limits of jurisdiction were established (e.g., wetland, 87 Manual/Regional Supplement); explain how the 100-year floodplain and/or the distance threshold was determined; whether this water extends beyond a threshold; explain if the water is part of a mosaic, etc.
N/A	N/A	N/A

Table 7. (a)(7) Waters

SPOE Name	(a)(7) Waters Name	(a)(1)-(a)(3) Water Name to which this Water has a Significant Nexus	Significant Nexus Determination Identify SPOE watershed; discuss whether any similarly situated waters were present and aggregated for SND; discuss data, provide analysis, and summarize how the waters have more than speculative or insubstantial effect on the physical, chemical, or biological integrity of the (a)(1)-(a)(3) water, etc.
N/A	N/A	N/A	N/A

Table 8. (a)(8) Waters

SPOE Name	(a)(8) Waters Name	(a)(1)-(a)(3) Water Name to which this Water has a Significant Nexus	Significant Nexus Determination Identify SPOE watershed; explain how 100-yr floodplain and/or the distance threshold was determined; discuss whether waters were determined to be similarly situated to subject water and aggregated for SND; discuss data, provide analysis, and then summarize how the waters have more than speculative or insubstantial effect the on the physical, chemical, or biological integrity of the (a)(1)-(a)(3) water, etc.
N/A	N/A	N/A	N/A

Non-Jurisdictional Waters

Table 9. Non-Waters/No Significant Nexus

SPOE Name	Non-(a)(7)/(a)(8) Waters Name	(a)(1)-(a)(3) Water Name to which this Water DOES NOT have a Significant Nexus	Basis for Determination that the Functions DO NOT Contribute Significantly to the Chemical, Physical, or Biological Integrity of the (a)(1)-(a)(3) Water. Identify SPOE watershed; explain how 100-yr floodplain and/or the distance threshold was determined; discuss whether waters were determined to be similarly situated to the subject water; discuss data, provide analysis, and summarize how the waters did not have more than a speculative or insubstantial effect on the physical, chemical, or biological integrity of the (a)(1)-(a)(3) water.
SPOE 1	Wetland A	Otter Creek	The Single Point of Entry (SPOE) watershed for Wetland A was drawn to Otter Creek, the nearest TNW, at the confluence with Mussey Brook (See map titled "SPOE 1", dated "September 3, 2019"). Wetland A was delineated by Wheeler Environmental (see datasheets, titled "Barnhart/W of 263 So. Main St.", dated "8/5/19") and is approximately 0.62 acre in size. Based on remote tools, there are no other similarly situated waters identified within a contiguous area of land that have relatively homogeneous soils, vegetation, and landform. However, Wetland C, which was identified by the Vermont Department of Environmental Conservation on the adjoining property, is in close proximity to Wetland A and situated within similar soils, vegetation and landform. The combined functions of Wetland A and C were considered in the significant nexus determination. The hydrology of Wetland A consists of potential saturation within 12" of the soil surface during the early part of the growing season. This wetland rarely, if ever, holds standing water. The functions of this wetland are minimal. The wetland is highly degraded and vegetation is periodically mowed. The wetland extends a short distance off the property to the north (see map, titled "Approximate East Wetland Limits", dated "August 6, 2019") but is not hydrologically connected to any other waterway. There is no single function or combination of functions performed by these wetlands that contribute significantly to the nearest TNW. The functions considered include sediment trapping, nutrient recycling, pollutant trapping, transformation, filtering, and transport, retention and attenuation of floodwaters, runoff storage, contribution of flow, export of organic matter, export of food resources, or provision of life cycle dependent aquatic habitat (such as foraging, feeding, nesting, breeding, spawning, or use as a nursery area) for species located in a TNW. Due to its proximity to Otter Creek and lack of hydrological connection to any other waterway, Wetland A does not have the opportunity to affect the chemical, physical, or biological integrity of the nearest TNW. Wetland A in combination with Wetland C, the only other similarly situated water within the SPOE watershed, do not have a significant nexus to Otter Creek, the nearest TNW.

			The SPOE watershed for Wetland B was drawn to Otter Creek, the nearest TNW, at the confluence with an unnamed tributary. (See map titled "SPOE 2", dated "September 3, 2019"). Wetland B was delineated by Wheeler Environmental (see datasheets, titled "Barnhart/W of 263 So. Main St.", dated "8/5/19") and is approximately 1.42 acres in size. Based on remote tools, there are no other similarly situated waters identified within a contiguous area of land that have relatively homogeneous soils, vegetation, and landform. Wetland B starts at the northern property boundary and extends to the stormwater swale located along the southern property boundary. This wetland does not extend off the property, nor is it connected to any other waterway or wetland. The hydrology of Wetland B consists of potential saturation within 12" of the soil surface during the early part of the growing season. This wetland rarely, if ever, holds standing water. The functions of this wetland are minimal. The wetland is highly degraded and vegetation is periodically mowed. Wetland B does not significantly impact the chemical, physical, or biological integrity of the nearest TNW (Otter Creek). There is no single function or combination of functions performed by Wetland B that contribute significantly to the nearest TNW. The functions considered include sediment trapping, nutrient recycling, pollutant trapping, transformation, filtering, and transport, retention and attenuation of floodwaters, runoff storage, contribution of flow, export of organic matter, export of food resources, or provision of life cycle dependent aquatic habitat (such as foraging, feeding, nesting, breeding, spawning, or use as a nursery area) for species located in a TNW. Due to its proximity to Otter Creek and lack of hydrological connection to any other waterway, Wetland B does not have the opportunity to affect the chemical, physical, or biological integrity of the nearest TNW. Wetland B does not have a significant nexus to Otter Creek.
SPOE 2	Wetland B	Otter Creek	

Table 10. Non-Waters/Excluded Waters and Features

Paragraph (b) Excluded Feature/Water Name	Rationale for Paragraph (b) Excluded Feature/Water and Additional Discussion.
Stormwater Swale	The stormwater swale on the property is a stormwater control feature constructed to convey, treat, or store stormwater from the surrounding development and roadway infrastructure. Stormwater enters the site from an existing stormwater pipe at the southeastern corner of the property. This pipe conveys stormwater from surrounding infrastructure including the U.S. Route 7 highway system. The 1976 property deed states that "Stowell Transportation Corp. shall excavate forthwith a trench along the south line of the within conveyed premises, half on the remaining property of Randall Company, Inc. and half on the within conveyed premises. The trench shall be reasonable size as to permit the normal runoff of water that enter the within conveyed property from U.S. Route 7 or otherwise." This trench matches the description of the stormwater swale running east to west along the southern property boundary and is approximately 1,000 linear feet in length. Based on aerial mapping tools and in reference to the 1976 deed, it is reasonable to conclude the stormwater

	swale was constructed in dry land and is thereby excluded per (b)(6) "Stormwater control features constructed to convey, treat or store stormwater that are created in dry land". The stormwater swale exhibits a bed and banks and an ordinary high water mark but is not a tributary since it is excluded per (b)(6). The stormwater swale conveys intermittent flow and dissipates into a marsh dominated by <i>Phragmites australis</i> located to the east of existing railroad tracks. The swale is periodically maintained (reportedly every 5-7 years) by the Vermont Agency of Transportation by excavating accumulated sediments.
--	---

Table 11. Non-Waters/Other

Other Non-Waters of U.S. Feature/Water Name	Rationale for Non-Waters of U.S. Feature/Water and Additional Discussion.



GRAPHIC SCALE



(IN FEET)
1 inch = 100 ft.

LEGEND

- APPROX. LOCATION OF PROPERTY LINE
- DRAINAGE SWALE
- 95 --- EXISTING CONTOUR
- 100 --- EXISTING 10' CONTOUR
- EXISTING TREE LINE

CREATION DATE: 5/10/19

RELEASE DATE: 9/3/19

ISSUED FOR JURISDICTIONAL DETERMINATION REVIEW

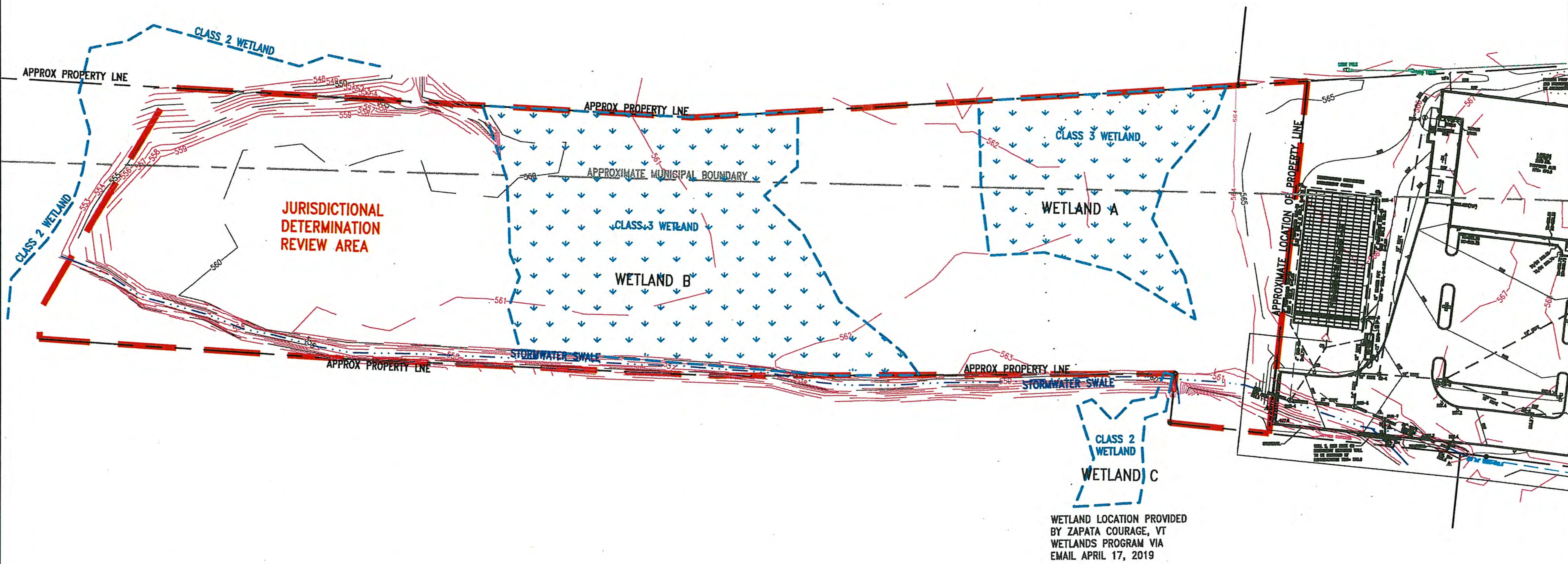
REVISIONS:

- 1. STORMWATER LOCATION
- 2. PROP. PROJECT REMOVED
- 3. CORRECT CLASS 2 WETLAND BOUNDARY
- 4. JURISDICTIONAL DETERMINATION LABELS

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT DIG-SAFE AT 811 OR 888-DIG-SAFE

REFERENCES

1. TOPOGRAPHIC SURVEY CONDUCTED ON FEB 15 & 17 & APRIL 25, 2011 BY ENMAN KESSELRING CONSULTING ENGINEERS P.C. USING A NIKON NINO 5.1M ELECTRONIC TOTAL STATION.
2. THIS SURVEY IS NOT A BOUNDARY SURVEY. PROPERTY LINES ARE FROM PLAN TITLED "LAND OF JOSEPH & SHIRLEY BARNHART" BY FARNSWORTH SURVEYS DATED MARCH 15, 2011.
3. EASEMENTS, AND OTHER REAL PROPERTY DESCRIPTIONS PROVIDED IN THIS PERMIT APPLICATION ARE FOR THE USE OF LOCAL, STATE, AND FEDERAL PERMIT PROGRAMS ONLY. THEY DO NOT DEFINE LEGAL RIGHTS OR MEET LEGAL REQUIREMENTS FOR A LAND SURVEY AS DESCRIBED IN 26 V.S.A. SUBSECTION 2502(4), AND SHALL NOT BE USED IN LIEU OF A SURVEY AS THE BASIS OF ANY LAND TRANSFER OR ESTABLISHMENT OF ANY PROPERTY RIGHT.
4. WETLAND DELINEATION ON SUBJECT PROPERTY FROM PLAN TITLED "HARBURY ROAD BASIN" BY WATERSHED CONSULTING ASSOCIATES LLC, DATED APRIL 28, 2017.



THE CONSULTATION ON THIS DRAWING ONLY INDICATES THE VT JURISDICTIONAL PROFESSIONAL ENGINEER'S RESPONSIBILITY FOR PREPARATION AND IS NOT BEING FOR CONSTRUCTION UNLESS NOTED IN THE REVISION BOX.

REGULATORY APPROVAL STAMP

ENMAN • KESSELRING
CONSULTING ENGINEERS
Environmental • Civil
81 Prospect Street
Rutland, Vermont 05701
www.EnmanKesselringEngineers.com
(802)775-5437
Copyright © 2019
All rights reserved.

BARNHART PROPERTY

ROUTE 7
RUTLAND, VERMONT

EXISTING WETLAND AREAS

SCALE: AS NOTED

DESIGN BY: NSK/PMG

DRAWN BY: IRD

SHEET NO: EX1

PROJECT NO: 1910