



Winooski Basin Clean Water Service Provider: June 2025 Request for Proposals

The Central Vermont Regional Planning Commission, in its role as the Clean Water Service Provider for the Winooski Basin, is accepting applications for funding for non-regulatory, phosphorous reduction projects that improve water quality. Proposals are due by 3:00 PM on 10 July 2025. For more information, including submission details, see the [Winooski Clean Water Service Provider webpage](#).

0. Project Eligibility

Please Review the following reference materials before completing your proposal:

- [FY23 Clean Water Initiative Program Funding Policy](#)
- [Act 76, Clean Water Service Provider Rule and Guidance & explanatory materials](#)

Is the portion of the project for which you seek funding both non-regulatory and voluntary? (i.e. not a required or compelled element of a regulatory permit or a legal settlement)? (answer must be Yes to proceed)	
Does the project type meet the applicable definitions and minimum standards in the FY23 Clean Water Initiative Funding Policy ? (answer must be Yes to proceed)	

1. Applicant Information

Organization/Municipality Name:

Primary Contact:

Title:

Mailing Address:

Phone Number:

E-mail Address:

Has the proposing organization / municipality been pre-qualified to receive subcontracts / subgrants from the Central Vermont Regional Planning Commission serving in its capacity as the Winooski Basin Clean Water Service Provider?*

* If you responded no to this question, please include Qualification Materials along with your funding proposal. See the [Winooski Clean Water Service Provider webpage](#) for more details.

2. Project Information

Project Title:

Watershed Projects Database ID*:

* Projects without a Watershed Projects Database ID will be evaluated. However, prior to receiving funding, a project must be entered into the Watershed Projects Database. See pages 11-13 of the [FY23 Clean Water Initiative Funding Policy](#).

Select the most representative project type (according to [Appendix B Project Types Table](#) of the 2023 CWIP Funding Policy) from the dropdown list below.*

* If there is more than one project type associated with the proposal, enter additional project types in the Project Description section below.

Project Phase for which you are seeking funding:

Project GPS coordinates (e.g. 44.26278, -72.58054):

Project Sub-basin:

3. Project Description

*Describe the proposed project. Include the following: project history; the phosphorus reduction practices that will be developed, designed or implemented with the requested funds; **details** of the project development activities, conceptual or final design plans and cost proposals (if available); and **references** to prior plans and studies that support the funding request. Propose a project schedule based on the milestones of the proposed project type. Assume a 1 September 2025 start date. (1000 words maximum)*

4. Staff Capacity & Past Experience

A list of key staff and a (brief) description of their role in the project. If any of the staff listed here were not included in your organization's pre-qualification materials, please attach a one-page resume describing their qualifications to the project proposal.

Name	Project Role

Provide three examples of relevant past work. Include the Watershed Projects Database ID (if applicable), key staff and their role(s) in the project, a brief description of the project (phase, type, partners, etc.) and contact information for project references. Projects listed here should demonstrate the experience of the specific staff anticipated to work under this proposal.

Example Project 1:

Watershed Projects Database ID (if applicable):

Project staff & their project role(s):

Project description (250 words max):

Reference contact information:

Name:

Affiliation:

Phone:

Email:

Example Project 2:

Watershed Projects Database ID (if applicable):

Project staff & their project role(s):

Project description (250 words max):

Reference contact information:

Name:

Affiliation:

Phone:

Email:

Example Project 3:

Watershed Projects Database ID (if applicable):

Project staff & their project role(s):

Project description (250 words max):

Reference contact information:

Name:

Affiliation:

Phone:

Email:

5. Estimated annual total phosphorus load reduction (kg/yr)

Please review the Department of Environmental Conservation's [Standard Operating Procedures \(SOPs\) for Tracking and Accounting of Phosphorous](#) prior to completing this section.

For Developed Lands projects, estimate the annual phosphorous load reduction using the Department of Environmental Conservation's [Stormwater Treatment Practice Calculator](#). Export the results from the calculator and include that information in the proposal package. For Natural Resource Restoration projects, estimate the annual phosphorous load reduction using the Department of Environmental Conservation's [Interim Phosphorous Calculator Tool \(v1.1\)](#). Save the results from the calculator and include them in the proposal package.

Enter the estimated annual total phosphorous load reduction (kg / yr):

If the proposed project consists of project identification / assessment or development-phase work, provide details regarding the types of projects you intend to investigate and the anticipated phosphorus reduction benefits you expect the project(s) might achieve.

6. Project Budget

Develop a detailed budget with a cost breakdown of all project and administrative expenses. The budget should be itemized by Task with anticipated costs for personnel, equipment, materials, subcontracted services and other costs as appropriate. Be sure to request sufficient funding to complete the required milestones and deliverables (including project reporting) for the type of project being proposed. See the [FY23 Clean Water Initiative Program Funding Policy](#) for more information on the milestones required for the project type you are proposing.

Notes:

Mileage: Use the FY25 federal rate (\$0.70 / mile)

Indirect: If you have a negotiated indirect rate, please use that. Otherwise, you may charge up to 10% on all APPLICANT costs and 10% on the first \$50,000 of SUBCONTRACTORS costs.

Funding request

Amount of funding requested:

State matching funds:

Non-State matching funds:

Total project budget:

Future costs

If this proposal seeks funds for Preliminary (30%) or Final (100%) Design-phase work, please estimate anticipated future costs for subsequent project phases. Do not include this amount in the "Funding request" section above.

Anticipated future funding:

7. Co-benefits

- a) **ENVIRONMENTAL JUSTICE:** points are awarded when a project is located in a Census Block Group where one or more Environmental Justice Focus Population demographic conditions exist. *This value is calculated by the Clean Water Service Provider based on the project location.*
- b) **ECOLOGICAL BENEFITS:** points are awarded when a project reduces sediment and / or non-phosphorous nutrient loads to stressed, altered, impaired or priority waterways to which it is hydrologically connected. *This value is calculated by the Clean Water Service Provider based on the project location.*
- c) **ECOSYSTEM SERVICES:** points are awarded when a project moderates natural phenomena through carbon sequestration and flood resilience. *This value is calculated by the Clean Water Service Provider based on the type of project being proposed.*
- d) **COMMUNITY BUILDING:** points are awarded when a project involves the community in data collection and decision-making, enhances the working landscape and provides recreational benefits. Please answer the following:

- ◇ Are there proposed efforts to meaningfully involve community members in planning, project development, decision-making and implementation?

If you answered Yes to the previous question, please describe the effort to involve community members:

- ◇ Does the project involve data collection by community members (e.g. citizen science initiative)?

If you answered Yes to the previous question, please describe the effort to involve community members in data collection:

- ◇ Is the project located on a parcel that is enrolled in the Use Value & Appraisal Program (aka the Current Use Program) (Contact the Clean Water Service Provider for assistance.)?
- ◇ Does the project maintain / improve an existing recreational space?

If you answered Yes to the previous question, please describe the maintenance or improvement of existing recreational space(s):

- ◇ Will the project result in new / expanded recreational opportunities?

If you answered Yes to the previous question, please describe the effort to create new or expand existing recreational opportunities:

e) **EDUCATION:** An Education Co-Benefit is realized when a project includes aspects of public outreach designed to educate community members about the importance of phosphorus reduction and watershed health

- ◇ Will the project include an educational component?

If you answered Yes to the previous question, please describe the educational component of the project below:

- ◇ Interpretive signage:

- ◇ Educational meetings / workshops:

8. Other Considerations

a) **DESIGN LIFE:** The design life of the proposed project is:

b) **LANDOWNER RELATIONS**

◇ PROPERTY OWNERSHIP: The project will be located on:

◇ LANDOWNER SUPPORT: Provide a list of landowner support letters below. Please submit any letters or email from the landowner indicating their support for the project and awareness of their required commitment. Note date of letter/email and sender below.

◇ OTHER: Include other information regarding landowner relations here.

c) **OPERATIONS & MAINTENANCE**

◇ COST ESTIMATE: Provide a quantitative estimate of operation & maintenance costs on an annual basis where available. If not available, please provide a qualitative estimate. The anticipated annual operations & maintenance expenses for this project are:

◇ O & M AGREEMENT: There is a signed operations & maintenance agreement for this project:

If you answered Yes to the previous question, please include a copy of the signed O & M Agreement in the proposal package.

◇ OTHER: Include any other information regarding the operations & maintenance agreement for this project.

d) **PERMITTING:** This project will require a permit:

If you answered Yes to the previous question, please provide a list of the required permits, any issues anticipated in obtaining the permits and the status of the permit. If you have permit(s) for the project in hand, please include a copy of them in the proposal package.

e) **BARRIERS:** Describe any potential barriers to completing this project and how you plan to manage those challenges:

f) **HISTORIC SITE REVIEW:** Consult the [Vermont Historic Sites spreadsheet](#) and accompanying guidance in the State Historic Preservation Review section of the [FY23 Clean Water Initiative Program Funding Policy](#) to determine whether the proposed project will require Preliminary and Final Project Review by the Vermont Division of Historic Preservation. Include a copy of the completed Vermont Historic Preservation Project Review Form in the proposal package.

◇ The proposed project will require State Historic Preservation Review:

9. Proposal Submission

Assemble the following materials in the order listed into a single PDF and submit to Brian Voigt (voigt@cvregion.com) with the Subject line: "Winooski Basin Clean Water Service Provider Project Proposal – June 2025".

1. If your organization or municipality has not yet been pre-qualified as an eligible Basin 8 Clean Water Service Provider Clean Water Partner, please complete and submit a [pre-qualification form](#) along with your funding proposal.
2. Project proposal form (i.e. this document).
3. Include the following information in the order listed (please):
 - a) [Natural Resources Screening Form](#) (see the FY23 Clean Water Initiative Program Funding Policy – Appendix A. Required for preliminary design, final design, or implementation phase projects.)
 - b) Project Locator Map – applicants may use the [Vermont Agency of Natural Resources Atlas](#) to generate the Project Locator Map (Contact the Clean Water Service Provider for assistance.)
 - c) Project Timeline – Propose a project schedule based on the milestones of the proposed project type. Assume a 1 September 2025 start date.
 - d) Staff capacity – list key staff and their role(s) in the project. Attach one-page resumes for any staff listed in Section 4 of the Application Form who were not included in your pre-qualification materials.
 - e) Completed [DEC Interim Phosphorus Reduction Calculator Tool v1.0](#), or, for Developed Land Projects, report from [DEC Stormwater Treatment Practice Calculator](#). (Contact the Clean Water Service Provider for assistance.)
 - f) Detailed project budget with a cost breakdown of all project and administrative expenses. The project should be itemized by Task with anticipated costs for personnel, equipment, materials, subcontracted services and other costs as appropriate. Be sure to request sufficient funding to complete the required milestones and deliverables (including project reporting) for the type of project being proposed.
 - g) Letter(s) of support from landowner(s) indicating their support for and awareness of the commitment required to advance / implement the project
 - h) Signed Operations & Maintenance Agreement (if applicable)
 - i) Permits – Attach approved project permits (if applicable).
 - j) Historic Site Review - Use the [spreadsheet](#) and accompanying guidance in the State Historic Preservation Review section of the [FY23 Clean Water Initiative Program](#) Funding Policy to determine whether your clean water project will require Preliminary and Final Project Review by the Vermont Division of Historic Preservation. Attach a copy of the completed Vermont Historic Preservation Project Review Form.

APPENDIX A. CLEAN WATER INITIATIVE PROGRAM - PROJECT ELIGIBILITY SCREENING FORM

This fillable PDF form is designed to assist with project review by systematically walking through all eligibility criteria. It should be completed for all projects seeking funding for 30% + design or implementation work. It may be applied to projects seeking funding for assessment or development if helpful for determining their alignment with eligibility criteria 2, 3, 6, and 8.

Step 1: Conduct Eligibility Criteria #1 Screening: Project Purpose

Table 1A: Project Purpose	
From the drop-down list to the right, please select which of the four objectives of Vermont's Surface Water Management Strategy this project addresses. If multiple, please list below:	

Please select the most representative project type from the drop-down list to the right. ^{1,2} If multiple BMPs are included in the project, please list below:				
Is the project type an eligible project type for the funding program you are applying to as listed in column B of the CWIP Project Types Table ?			Yes	No
(Answer must be YES to proceed)				
Does the project meet the project type definitions and minimum standards as provided in column C of the CWIP Project Types Table ?			Yes	No
(Answer must be YES to proceed)				
Will the project result in the standard performance measures, milestones, and deliverables as defined by project type in columns D-F of the CWIP Project Types Table ?			Yes	No
(Answer must be YES to proceed)				
Is the project listed as an ineligible project or activity in the CWIP Funding Policy ? If Yes, please explain below how project meets the allowable exceptions within the CWIP Funding Policy.			Yes	No
(Answer must be NO to proceed, unless reasonable justification is provided above)				

Verify project has been recorded in the [Watershed Project Database](#) (WPD). Each project must have a Watershed Project Database number specific to the proposed project phase (for example,

² One project may include multiple best management practices (BMPs) that cross “project types.” For example, a single project may include both stormwater and lake shoreland BMPs. Proponents should use their best judgement in selecting the most representative project type for the purposes of eligibility screening and reporting.

a final design will have a different WPD-ID from a preliminary design even if for the same project). If the project, or the specific phase, is not yet in the Watershed Project Database, follow directions provided in the CWIP Funding Policy to secure a WPD-ID. Please see [CWIP Funding Policy](#) for more information on the WPD-ID.

Table 3A. WPD-ID	
Watershed Project Database ID number assigned	
Watershed Project Database Project Name	

Step 4: Conduct Eligibility Criteria #4 Screening: Natural Resource Impacts³

Agency of Natural Resources (ANR) permit screening for natural resource impacts includes 1) an initial desktop review to identify which ANR permitting programs should be contacted, 2) a review by the relevant ANR permitting staff, and 3) a response summary from the project proponent addressing any permitting staff concerns.⁴

- 1) **Table 4. Natural Resource Impacts** facilitates a high-level desktop review of the most likely ANR permits to apply to clean water projects. Project proponents should answer all the questions to identify likely permit needs.⁵ Please note that “project site” may include both the active restoration location as well as any additional impact footprint related to staging, site access, or storage of waste or disposed materials.
- 2) If responses to the **Table 4. Natural Resource Impacts** desktop review trigger a permitting staff consultation, **Table 4** provides appropriate contact information.
 - a. Proponents should send the identified permitting staff the following:
 - i. The watersheds project database identification number (WPD-ID) (if available),
 - ii. Project location (GPS coordinates)
 - iii. Summary of proposed scope of work, and
 - iv. Any other relevant information they request that will be utilized in their review.
 - b. **Proponents should clarify they are seeking permitting staff input on potential permitting needs, permit-ability of proposed scope of work, and other design considerations but they are NOT seeking a formal permit determination.**
 - c. Project proponents must attempt to communicate with the permitting staff and provide them with at least thirty days to review the project and provide a

³ Easements and Riparian Buffer Plantings are excluded from this eligibility requirement/step.

⁴ In cases where this screening may have already occurred in a prior project phase, project proponents may supply attachments or links to relevant permit needs assessment documents in place of completing Table 4.

⁵ Entities selected for funding are expected to perform due diligence to ensure all applicable permits (including non-ANR state, local, and federal permits) are discovered and secured prior to implementation. The [ANR Permit Navigator](#) and an Environmental Compliance Division Community Assistance Specialist can help confirm ANR permitting needs for any projects once selected for funding.

response. Project proponents are encouraged to perform this screening during a project development phase as opposed to during a project solicitation round to allow for more time for feedback. Permitting feedback may be up to one year old.

- 3) Proponents should summarize permitting staff feedback and how the proposed scope of work will address this at the bottom of **Table 4**. Specifically, please include:
 - a. Which permits or permit amendment are needed or might be needed?⁶
 - b. What type might be needed? (e.g., a general or individual permit?)⁷
 - c. What concerns were voiced by permitting staff?
 - d. How will the proposed scope of work address these concerns?⁸

Table 4A: Natural Resource Impacts		
I. Act 250 Permits		
1. Have any Act 250 (Vermont's Land Use and Development Control Law) Permits been issued in the project site's parcel location?⁹	Yes	No
If yes, please provide the permit number and list any water resource issues or natural resource issues found¹⁰: PermitNumber: ResourceIssues: _____ If yes, use the Water Quality Project Screening Tool to identify the appropriate regulatory contact for an Act 250 consultation. Regulatory Point of Contact Name/Position:		
II. Lake and Shoreland		
1. Is the project site located within 250 feet of the mean water	Yes	No

⁶ Occasionally permit staff may indicate they need a field visit or to see more completed designs prior to making a permit need determination.

⁷ Design phase projects that require an individual wetlands permit must have the permit in hand at the close of the final design phase. Implementation phase projects must have the individual permit in hand to be eligible for funding.

⁸ Examples could include planned design changes or inviting permitting staff to stakeholder meetings.

⁹ An Act 250 Permit is required for certain categories of development, such as subdivisions of 10 lots or more, commercial projects on more than one acre or ten acres (depending on whether the town has permanent zoning and subdivision regulations), and any development above the elevation of 2,500 feet. The [ANR Atlas Clean Water Initiative Program Grant Screening tool](#) can help answer this yes/no question. Follow the instructions on the link above to identify whether your project is located on an Act 250 parcel. Note that the layer to activate in ANR Atlas is now named "Clean Water Initiative Program Grant Screening."

¹⁰ Note that Act 250 permit amendments may require more extensive review of project impacts to natural resources including wildlife habitat, significant natural communities, and riparian zones. Please consult with the Act 250 District Coordinator regarding the nature and scope of that review and what bearing it may have on your project design.

level (shoreline) of a lake or pond? ¹¹		
If yes, you might need either a Shoreland Protection Act Permit or a Lake Encroachment Permit. Use the Water Quality Project Screening Tool to find the Lakes and Ponds Program contact for your project's region. Regulatory Point of Contact Name/Position:		
III. Rivers, River Corridors, and Flood Hazard Areas		
1. Is there any portion of the project site located within 100' of a river corridor and/or mapped Federal Emergency Management Agency (FEMA) flood hazard area¹²? (e.g. a stormwater pond's pipe draining into a river corridor area)? Any permanent excavation/filling or construction within a flood hazard area or river corridor may trigger regulatory requirements through municipal bylaws or through state authorities.	Yes	No
If yes, you will need to speak with a Floodplain Manager. Use the Water Quality Project Screening Tool to find the Floodplain Manager for your project's region. Regulatory Point of Contact Name/Position:		
2. Is any portion of the project site within a perennial river or stream channel? ¹³	Yes	No
If yes, you will need to speak with a Stream Alteration Engineer. Use the Water Quality Project Screening Tool to find the Stream Alteration Engineer for your project's region. Regulatory Point of Contact Name/Position:		
IV. Wetland		

¹¹ The [ANR Atlas Clean Water Initiative Program Grant Screening tool](#) can help answer this yes/no question. Follow the instructions on the link above to identify whether your project is located in the jurisdictional zone to trigger a Lakeshore permit. Note that the layer to activate in ANR Atlas is now named "Clean Water Initiative Program Grant Screening."

¹² FEMA mapped Flood Hazard Areas are not available statewide on the ANR Natural Resources Atlas. For projects located in Grand Isle, Franklin, Lamoille, Addison, Essex, Orleans, Caledonia, and Orange Counties, maps are available via the FEMA Flood Map Service Center: <https://msc.fema.gov/portal/home>. ANR Floodplain Managers are available to provide technical assistance if needed.

¹³ Stream Alteration Permits regulate all activities that take place within perennial river and stream channels. Examples of regulated activities include streambank stabilization, dam removal, road improvements that encroach on streams, and bridge/culvert construction or repair. The [ANR Atlas Clean Water Initiative Program Grant Screening tool](#) can help answer this yes/no question. Follow the instructions on the link above to identify whether your project is located in the jurisdictional zone to trigger a Stream Alteration permit. Note that the layer to activate in ANR Atlas is now named "Clean Water Initiative Program Grant Screening."

1. Does the Wetland Screening Tool ¹⁴ provide a result of wetlands likely, very likely, or present at the project site?	Yes No
2. Does your project site involve land that is in or near an area that has <u>any</u> of the following characteristics: o Water is present – ponds, streams, springs, seeps, water filled depressions, soggy ground under foot, trees with shallow roots or water marks? o Wetland plants, such as cattails, ferns, sphagnum moss, willows, red maple, trees with roots growing along the ground surface, swollen trunk bases, or flat root bases when tipped over? o Wetland Soils – soil is dark over gray, gray/blue/green? Is there presence of rusty/red/dark streaks? Soil smells like rotten eggs, feels greasy, mushy or wet? Water fills holes within a few minutes of digging? (See Landowners Guide to Wetlands for additional information on identifying wetlands onsite.)	Yes No Not Sure
If you answered yes or not sure to <u>either</u> of the above questions, you will need to contact your District Wetlands Ecologist using the Wetland Inquiry Form. The District Wetlands Ecologist can help determine the approximate locations of wetlands and whether you need to hire a Wetland Consultant to conduct a wetland delineation. Alternatively, if you answered yes or not sure to <u>either</u> of the above questions, you can simply budget for a Wetland Consultant in the proposed scope of work. Any activity within a Class I or II wetland or wetland buffer zone (minimum of 100 feet and 50 feet respectively) which is not exempt or considered an “allowed use” under the Vermont Wetland Rules requires a permit. All permits must go through review and public notice process, which takes at minimum 6 weeks for a General Permit and 5 months for an Individual Permit. Regulatory Point of Contact Name/Position:	
1. Is your project a Wetland Restoration project type?	Yes No
If you answered yes, under the Vermont Wetland Rules you will need an “allowed use” determination from the DEC Wetlands Program. Contact your District Wetlands Ecologist using the Wetland Inquiry Form. Regulatory Point of Contact Name/Position:	
V. Fish and Wildlife	
State law protects endangered and threatened species. No person may take or possess such species without a Threatened & Endangered Species Takings permit. 1. Does your project involve cutting down trees larger than 5 inches in diameter in any of the following towns? Addison, Arlington, Benson, Brandon, Bridport, Bristol, Charlotte, Cornwall, Danby, Dorset, Fair Haven, Ferrisburgh, Hinesburg, Manchester, Middlebury, Monkton, New Haven, Orwell, Panton, Pawlet, Pittsford, Rupert, Salisbury, Sandgate, Shoreham, Starksboro, St. George, Sudbury, Sunderland, Vergennes, Waltham, West Haven, Weybridge, Whiting	Yes No

¹⁴ To view the Wetland Screening Tool introduction video, see <https://youtu.be/6lv5en0AB1o>

2. Is the project site within 1 mile of a mapped ¹⁵ Significant Natural Community or Rare, Threatened, or Endangered Species?	Yes	No
If yes to either of the above questions, connect with the VT Fish and Wildlife department (everett.marshall@vermont.gov 802-371-7333) to discuss your project and any necessary permitting. Regulatory Point of Contact Name/Position:		
VI. Stormwater		
1. Will the project disturb more than an acre of land during construction, add or redevelop impervious surface, create new development or otherwise require a Stormwater permit?	Yes	No
If yes, forward to the appropriate Stormwater specialist to ensure necessary permitting. Use the Water Quality Project Screening Tool to find the Stormwater specialist for your project's region. Regulatory Point of Contact Name/Position:		
VII. Solid Waste		
2. Will you be creating any debris (including construction and demolition waste, stumps, brush, untreated wood, concrete, masonry, and mortar) with your project that you intend to bury on site? ¹⁶	Yes	No
If yes, connect with the Waste Management & Prevention Division (dennis.fekert@vermont.gov 802-522-0195) to discuss your project and any necessary permitting. Regulatory Point of Contact Name/Position:		
Provide below or attach a narrative summary of Table 4 findings. Please include: a. Which permits or permit amendment are needed or might be needed? b. What type might be needed? (e.g. a general or individual permit)? c. What concerns were voiced by permitting staff? d. How will the proposed scope of work address these concerns?		
Is the project, as proposed, reasonably considered permit-able by all applicable	Yes	No

¹⁵ Find both of these layers on the ANR Atlas under Atlas Layers/Fish and Wildlife. Use the Measurement tool to 1) Plot Coordinates for your project 2) select the coordinates from the left panel 3) select the Radius Tool 4) click on your project location 5) Indicate 1 mile distance 6) look for overlap with either of these mapped layers.

¹⁶ If your project will result in the transfer and disposal of debris (including construction and demolition waste, stumps, brush, untreated wood, concrete, masonry and mortar), you do not need a permit from this office as long as you hire a [licensed solid waste hauler](#) and bring the material to a certified facility.

ANR permitting programs? (Answer must be Yes to continue)	
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Step 5: Conduct Eligibility Criteria #5-8 Screenings

Table 5A. Eligibility Criteria 5-8		
Landowner and Operation and Maintenance Responsible Party Support. Project identifies and demonstrates commitment from a qualified and willing operation and maintenance responsible party. Project demonstrates landowner support for the proposed project phase. (Answer must be YES to proceed)	Yes	No
Budget. Project budget includes ineligible expenses. (Answer must be NO to proceed)	Yes	No
Leveraging. Proposed leveraging meets required leveraging levels (if applicable), meets the definition of leveraging, and comes from eligible sources (Answer must be YES or N/A to proceed)	Yes	No N/A
Funding Program Specific Eligibility. Project meets additional funding program eligibility requirements*. Please list applicable funding program below: (Answer must be YES to proceed) *If Water Quality Restoration Formula Grant, complete Step 6 below	Yes	No

Step 6: Screening Projects on Agricultural Lands (Water Quality Restoration Formula Grants Only)

For Water Quality Restoration Formula Grant projects, please complete the following information as part of your Funding Program Specific Eligibility Screening (Criteria 8). Please note this must be completed for all projects located on agricultural lands regardless of project type. See [CWIP Project Types Table](#) for eligible project types.

Table 6A. Screening Projects on Agricultural Lands	
1. Is the proposed project located on a jurisdictional farm operation¹⁷? Complete a preliminary review to	Yes - Proceed to next question below.

¹⁷ Jurisdictional farm operations are required to meet Vermont's Required Agricultural Practices (RAPs).

determine if it is a jurisdictional farm operation, and any case that requires consultation with AAFFM will occur via the farm determination process. Please note this form must be submitted by the farm operation/landowner seeking the determination.	No¹⁸ - There is no additional requirements related to agricultural review for these projects.
2. Is the proposed project an agricultural project? Examples of agricultural projects include but are not limited to Production Area Practices – (e.g. Waste Storage Facilities, Heavy Use Area, Diversion) Fence, Livestock Exclusion, Filter Strip, Cover Crop, Reduced Tillage, Manure Injection, Rotational Grazing. Please note this is not an exhaustive list of all agricultural practices.	Yes - Agricultural Projects on jurisdictional farms are not an eligible project type. You can provide a referral to an applicable state or federal agricultural assistance program, or a local organization.
	No - The natural resource, innovative, or other project type will require an agricultural project review and approval from the Vermont Agency of Agriculture, Food and Markets (VAAFM) to ensure a consistent approach on farms statewide that follows rules, regulations, and laws in place. Please follow Steps 1 & 2 below. Step1- Please submit a detailed description of the project, project site, project details, landowner, farm operation, and any other relevant information to VAAFM at AGR.WaterQuality@Vermont.gov . Step2- Once you complete this Agricultural Project Review, please allow 30 days for a response. Once that response has been received, please include a summary of the response in the next section.
Agricultural Project Review Status & Summary:	
Check as Applicable	Status
	Submitted/ Pending
	Approved
	Denied

¹⁸ Note CWIP's Agricultural Pollution Prevention project type eligibility is limited to land where owner or operator is not a jurisdictional farm (i.e., not required to meet the Required Agricultural Practices (RAPs)). As such, projects that meet the definition of the Agricultural Pollution Prevention project type in the [Appendix B. Project Types Table](#) are not subject to review by VAAFM.

Please include a summary of the response here:

Please note that it is expected that all projects with the status “submitted/pending” will be “approved” prior to a project approval for funding.



Legend

 Property boundary

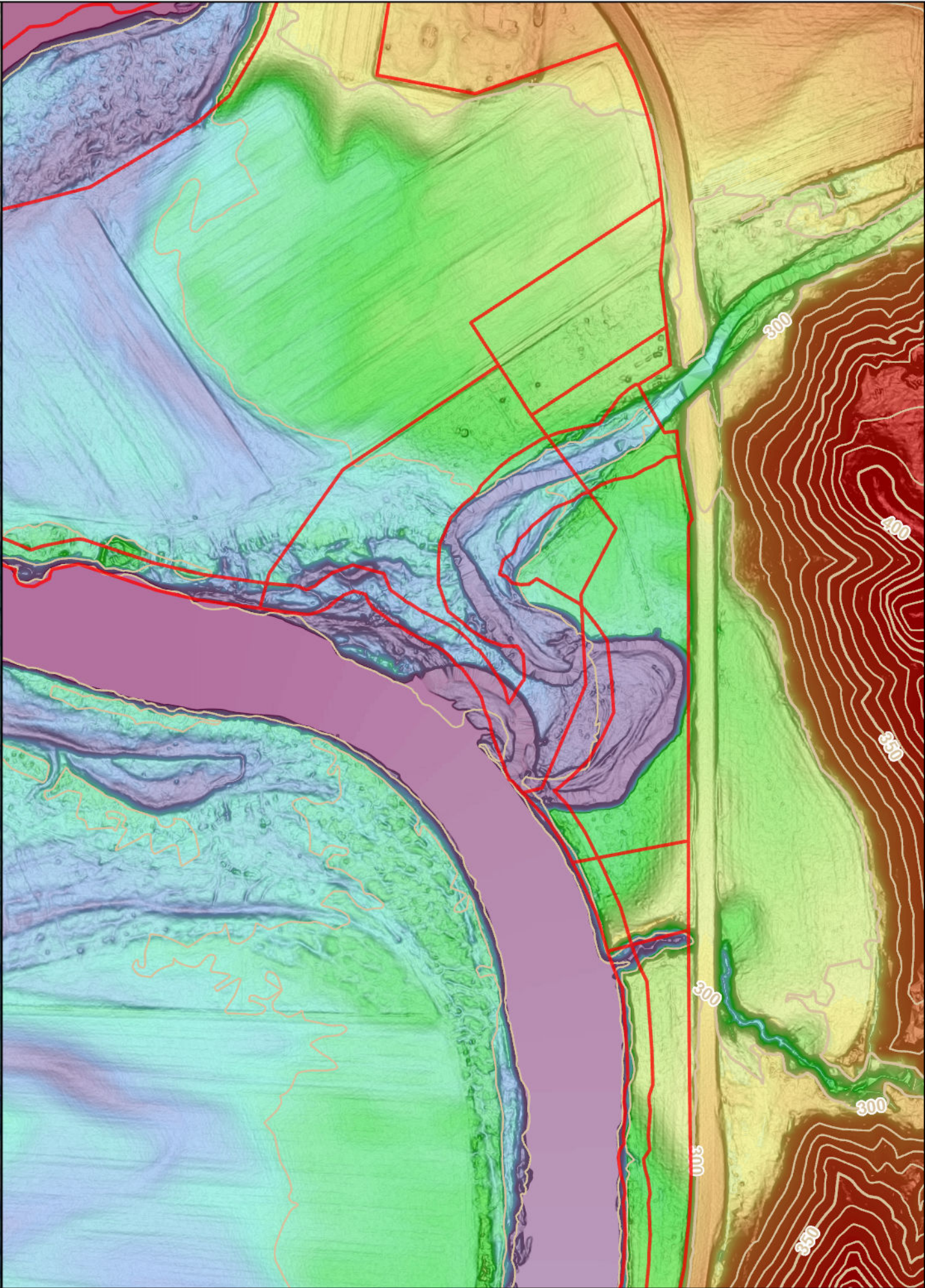
 Streams (VCGI)

 Roads (VCGI)

 Contours

 Planting area

 FP reconnection





Vermont Land Trust

UNITING LAND AND LIVES

Scale:

1:3,000

Date:

8/11/2026

Project Number:

131102

Floodplain Reconnection

project locator:

Lacy - Symington, Jericho

267 River Rd, Jericho,

VT 05465,

0

87.5

175

350 Meters

0

95

190

380 Yards



N

Floodplain/Stream Restoration – Implementation Timeline

Sept 1st, 2026 – Project initiated

Sept 1st, 2026 – Permits secured

Sept 7th, 2026 – Pre-construction kickoff meeting

Sept 7th, 2026 – Photos of site pre-implementation

Sept 7th, 2026 – 10 year DEC O&M Plan and Access License signed by responsible party

Sept 7^h, 2026 – Clean Water Project Sign installed.

Oct 28th, 2026 – Floodplain restoration and planting implemented , final construction walkthrough.

Oct 28th, 2026 – Return of Clean Water Project sign

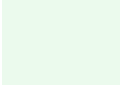
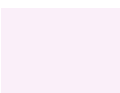
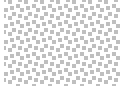
Oct 28th, 2026 – As-built drawings or red-lined 100% designs generated

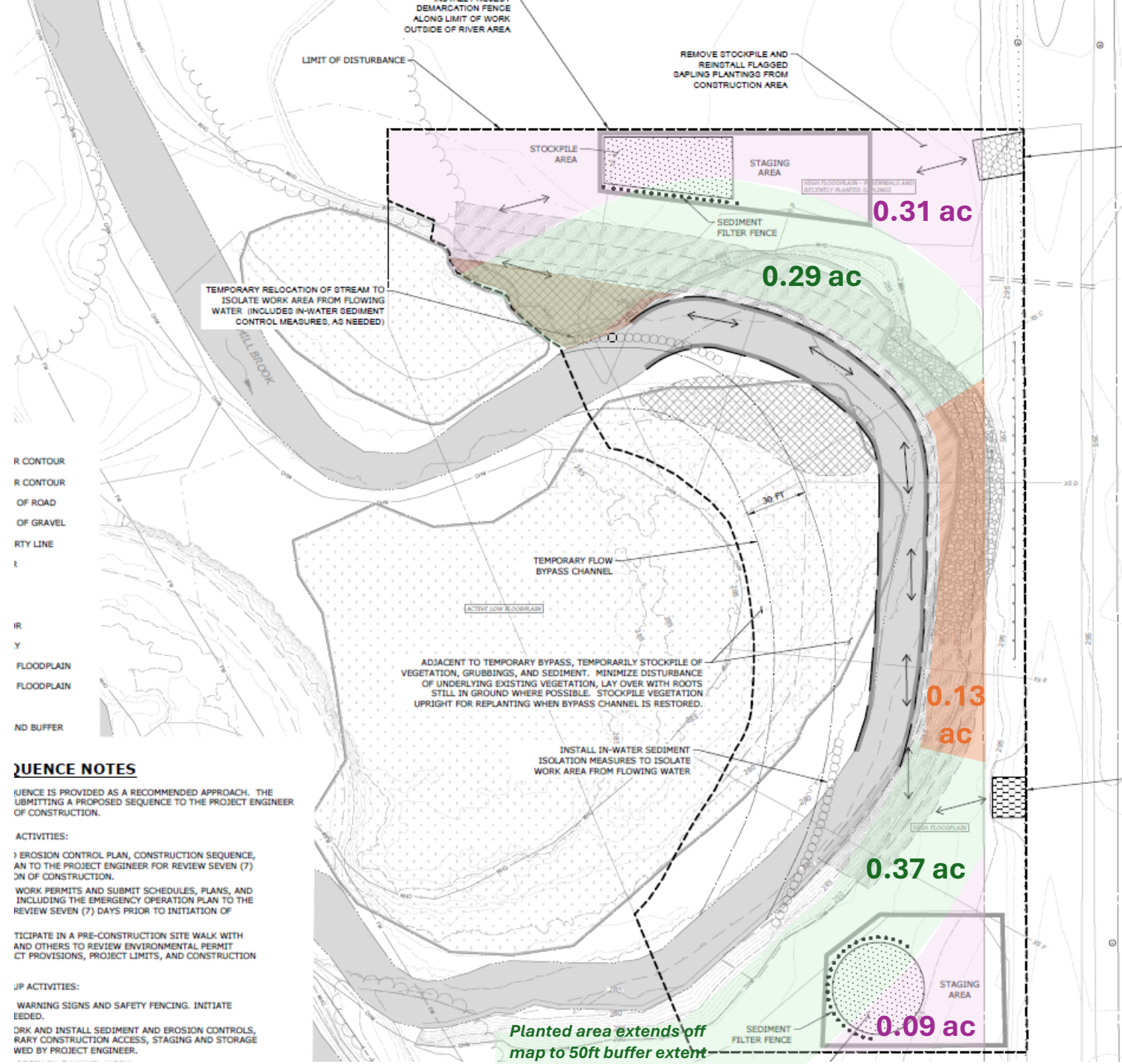
Oct 28th, 2026 – Photos of site post-implementation, including Clean Water Project sign.

Oct 28th, 2026 – Media announcement

Nov 1st, 2026 – Project Complete.

Proposed Conditions Overlaid by P-Creditable Area

-  Floodbench excavations following dimensions of XS_{A-C}
-  Woody planting within 50ft buffer
-  Woody planting beyond 50ft buffer
-  Woody planting ≤35ft, no FFI credit
-  Engineered log jam (600 stems)
-  Existing hard armoring
-  Mill Brook (proposed channel)



Proposed P Credits: 1.68 kg P/yr

Assumptions/Calculations

Floodplain Bench

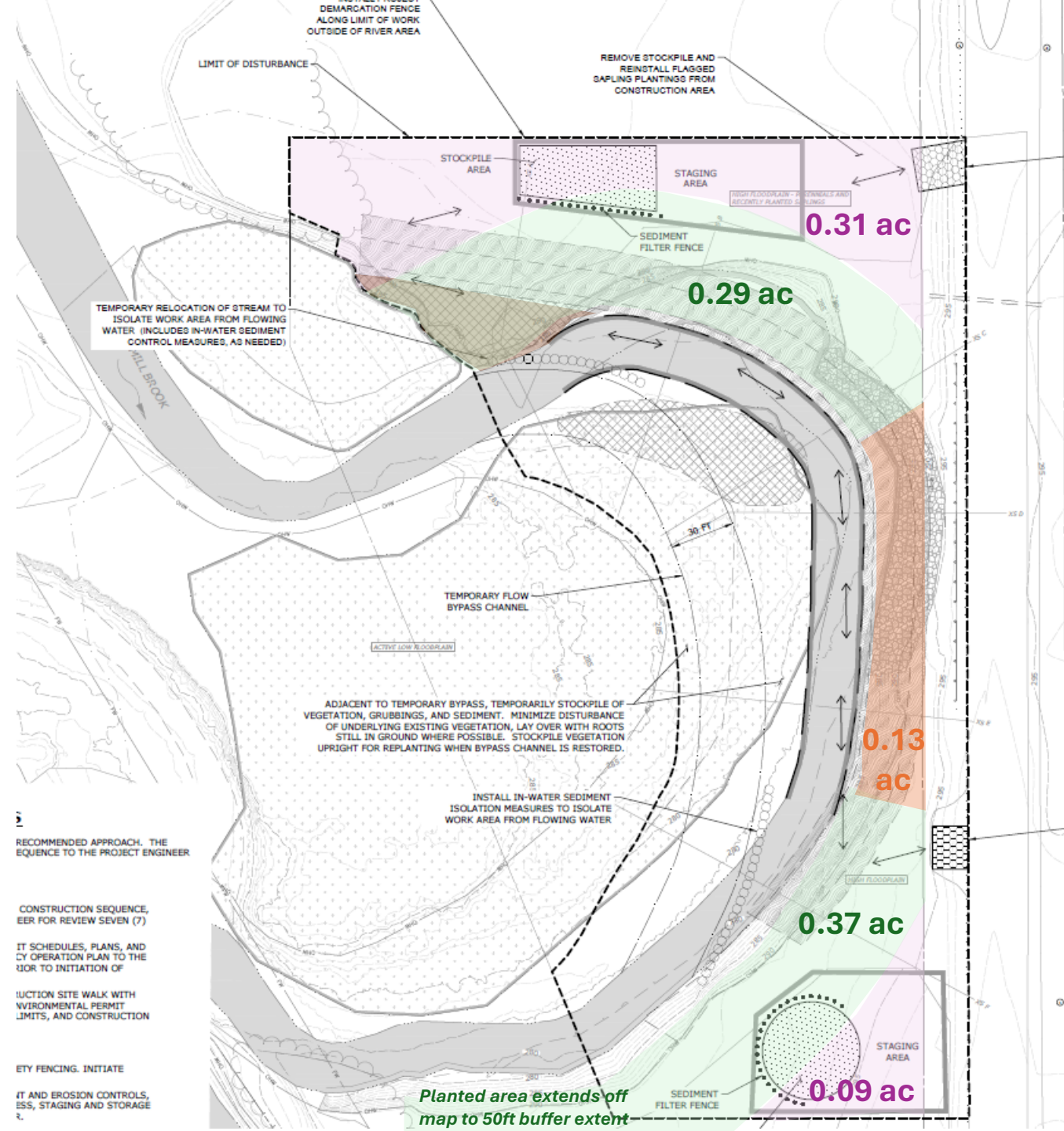
- Left flood bench area taken directly from plans (0.05 acres)
 - Assumed 2.3->1 incision ratio adjustment for flood bench (low→high connectivity), based on XS_A
 - FFI credit: stability: 0.04 kg P, storage: 0.23 kg P

Riparian Planting

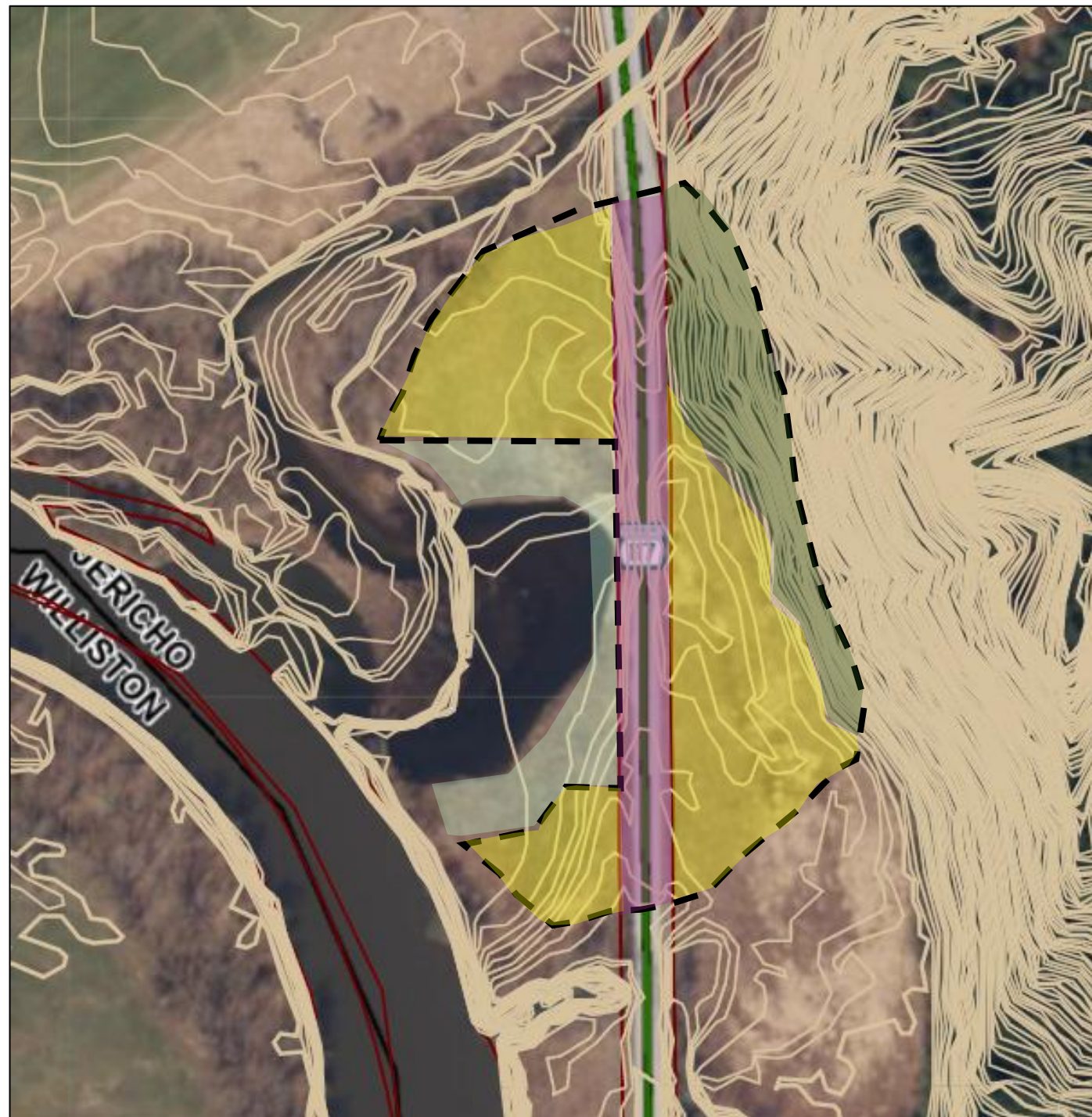
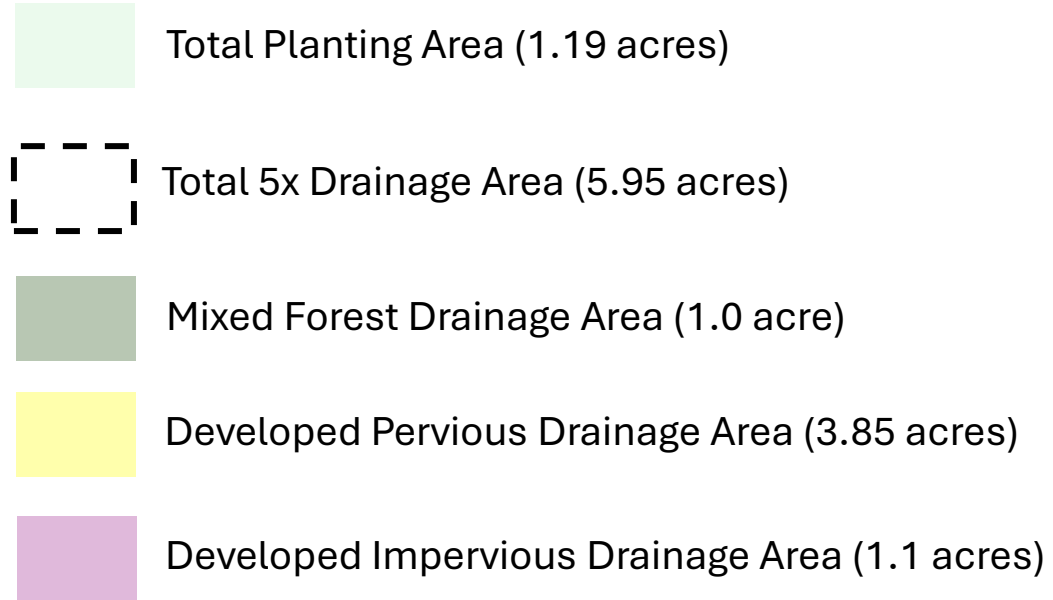
- Buffer acreages are approximations using FFI and Atlas drawing tools, provided design, and project manager discussion
- Areas atop ELJ above bankfull height/MSE are creditable for buffer planting credit, see XS plots for detail on ELJ areas above 2-yr MSE
- Narrowest portion of ELJ area against ROW is ≤35ft, but total average planted area is >35ft. No FFI credit for middle section
- No FFI credit for planted area beyond 50ft
- One cross culvert routes some overland flow east of road to west of road, but this cross culvert empties into planted buffer area. Therefore, giving planting the full 5x drainage area overland flow credit.
 - FFI credit: total acreage: 0.67 ac, stability: 0.51 kg P
 - Interim P credit (1.19 ac planting, 5.95 ac drainage area):
 - Land use change: 0.2 kg P, drainage: 0.87 kg P

Totals

- 1.19 acre planted area
- 1.85 kg P/yr (sum of floodplain bench and planting credits)



5x Drainage Area Map



Basin 8 Winooski CWSP

Updated 3/23/2021

Mill Brook Floodplain Restoration Implementation

Gray cells auto-calculate, do not edit. Enter in white cells only.

Personnel (Name, Title)	Tasks/Responsibilities	Hours	Hourly Rate (Includes Fringe)	Total Salary Expense	Leverage amount	Amount requested
Allaire Diamond, Ecology & Restoration Program Director	Grant management & reporting	8	\$97.00	\$776.00	\$0.00	\$776.00
Jess Perrault, Director of Accounting	Financial Grant Administration	4	\$106.00	\$424.00	\$0.00	\$424.00
Kaisa Lewia, Staff Accountant	Bookkeeping	4	\$75.00	\$300.00	\$0.00	\$300.00
Personnel Subtotal				\$1,500.00	\$0.00	\$1,500.00

Fringe Benefits	Fringe Benefits Rate	Salary Expense	Fringe Benefits Expense	Leverage amount	Amount Requested
Staff rate above includes Fringe	0%	\$1,500.00	\$0.00	\$0.00	\$0.00
Fringe Benefits Subtotal			\$0.00	\$0.00	\$0.00

Anticipated Travel	Purpose	Miles	Mileage Rate	Total Travel Expense	Leverage amount	Amount Requested
		0	\$0.00	\$0.00	\$0.00	\$0.00
Travel Subtotal				\$0.00	\$0.00	\$0.00

Equipment Rental	Description/Use	# of Units	Unit Cost	Total Equipment Expense	Leverage amount	Amount Requested
		0	\$0.00	\$0.00	\$0.00	\$0.00
Equipment Subtotal				\$0.00	\$0.00	\$0.00

Supplies/Materials	Description/Use	# of Units	Unit Cost	Total Supplies Expense	Leverage amount	Amount Requested
		0	\$0.00	\$0.00	\$0.00	\$0.00
Supplies Subtotal				\$0.00	\$0.00	\$0.00

Contractual/Construction	Description/Use	# of Units	Unit Cost	Total Contract. Expense	Leverage amount	Amount Requested
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Contractor - Dirt Tech or other TBD	Excavating flood terrace on Mill Brook, site preparation for tree planting on ELJ, mulching, seeding, and planting trees	1	\$50,000.00	\$50,000.00		\$50,000.00
						\$0.00
Contractual Subtotal			0	\$50,000.00	\$0.00	\$50,000.00

Project subtotal \$51,500.00 \$0.00 \$51,500.00

Indirect Costs	Indirect Rate	Cost related to Indirect rate	Total Indirect cost	Leverage amount	Amount Requested
If rate is above 10%, provide documentation indicating the reason	15%	\$51,500.00	\$7,725.00	\$0.00	\$7,725.00
Indirect Subtotal			\$7,725.00	\$0.00	\$7,725.00

Contingency Costs	Contingency	Cost related to Contingency	Total Contingency cost	Leverage amount	Amount Requested
Contingency Subtotal			\$0.00		\$0.00

(Rounded to nearest whole numb Totals \$59,225.00 \$0.00 \$59,225.00

Percent Leveraged 0%

Leverage+ Amount requested= Total project cost yes

Notes: 15% indirect is the current federal rate. Budget is for a portion of the larger ELJ-floodplain restoration project that is eligible for P crediting.

VERMONT AGENCY OF TRANSPORTATION

WARRANTY DEED OF EASEMENT

KNOW ALL TO WHOM THESE PRESENTS COME:

THAT We, Mark Fasching and Christa Alexander, of the Town of Jericho, County of Chittenden and State of Vermont, hereinafter collectively referred to as “Grantors”, in consideration of Ten and No/100 Dollars (\$10.00) and other good and valuable consideration paid to our full satisfaction by the State of Vermont, through its Agency of Transportation, do hereby give, grant, bargain, sell and convey unto the State of Vermont, a sovereign state, its successors and assigns, certain easements and/or rights located in the Town of Jericho, in the County of Chittenden and State of Vermont and described as follows, viz:

Being part of the same land and premises conveyed to Mark Fasching and Christa Alexander by the Warranty Deed of Charles Lacy and Gaye Symington, dated May 27, 2015, and recorded in Book 325, Page 133 of the Town of Jericho land records and being more particularly described as follows:

Being Parcel #1 consisting of easements and/or rights on land as shown on Right of Way Plan Sheet 1 of the plans of Transportation Project Mill Brook Restoration-FEMA Jericho, (“the Transportation Project”) to be recorded in the office of the Clerk of the Town of Jericho.

In connection with the above parcel the following easements and/or rights are conveyed:

A temporary easement, during the period of construction, to extend highway slopes and embankments, including the right for temporary staging and construction activities, in an area of 1.69 acres (73,809 square feet), more or less, left of and between approximate stations 101+07 and 105+60 of the established centerline of the Transportation Project.

The slopes and embankments may be extended at such an angle as will hold the material of said slopes in repose against ordinary erosion in accordance with the standard practice of highway construction with or without the use of erosion control measures. The State of Vermont shall have the right to remove all trees, logs, stumps, protruding roots, brush, duff, and any other objectionable materials, structures, growth, and any other thing of whatever kind or nature from said slope area. This temporary easement includes a five (5) year duration post-construction for monitoring said slope areas.

A permanent easement to construct and maintain the channel of a certain stream of water, known locally as Mill Brook, now running on land of the Grantor, and install and maintain an engineered log jam, in an area of 0.79 acres (34,519 square feet), more or less, left of and between approximate stations 101+78.48 and 105+11.24 of the established centerline of the Transportation Project, for the purpose of restoring floodplain function and mitigating flood hazards.

The easements and/or rights conveyed herein may also be subject to easements, rights of way, restrictions, obligations, municipal, state, and other regulatory permits as may appear of record in the Town of Jericho land records.

Any permanent easement conveyed herein includes the right for Grantee and its successors and assigns, in its or their sole discretion, as may be needed for transportation purposes, to construct, inspect, maintain, reconstruct, and replace all project-related improvements located within the permanent easement area.

The Vermont Land Trust, Inc., on behalf of itself and on behalf of, the Vermont Agency of Agriculture, Food and Markets and the Vermont Housing and Conservation Board (collectively, the “Holders”), hereby join in this instrument for the sole purpose of approving this Deed pursuant to the Grant of Development Rights, Conservation Restrictions, Option to Purchase, and Right of Enforcement of the United States from Charles Lacy and Gaye R. Symington to the Holders, dated January 6, 2014, and recorded in Book 319, Page 50 of the Jericho Land Records (the “2014 Grant”) and the Grant of Conservation Easement for additional rights and interests from Mark Fasching and Christa Alexander to the Vermont Land Trust, Inc., dated October 28, 2021, and recorded in Book 363, Page 681, of the Town of Jericho Land Records (“the 2021 Grant”) which encumber the property. Pursuant to said Grant, the conveyance contemplated by this Deed is subject to receiving the prior written approval of the Holders. The Vermont Land Trust, Inc., has the authority to sign on behalf of the Holders pursuant to a Delegation

Mill Brook Restoration-FEMA Jericho
Warranty Deed of Easement, Parcel #1
Mark Fasching and Christa Alexander, joined by
Vermont Land Trust, Inc.,
VT Agency of Agriculture, Food & Markets
& VT Housing and Conservation Board

of Stewardship Rights and Responsibilities dated January 9, 2014, and kept on file at the Vermont Land Trust, Inc.

TO HAVE AND TO HOLD granted rights and easements, with all the privileges and appurtenances thereof, unto the said State of Vermont and its successors and assigns, to it and its own use and behoof forever; and we, Mark Fasching and Christa Alexander, for ourselves, our heirs, successors and assigns, do covenant with the State of Vermont and its successors and assigns, that until the ensealing of these presents we are well seized of the premises, as a good and indefeasible estate in fee simple, and have good right to grant and convey the rights and easements in manner and form as above written and that the same are free from every encumbrance whatsoever except for the 2014 Grant and the 2021 Grant and a Mortgage to Charles Lacy and Gaye Symington, dated May 27, 2015, and recorded in Book 325, Page 136 of the Town of Jericho land records.

AND FURTHERMORE, we, Mark Fasching and Christa Alexander, do by these presents bind ourselves and our heirs, successors and assigns, to WARRANT and DEFEND the above rights and easements to the State of Vermont and its successors and assigns against all claims and demands whatsoever except for the aforementioned Grants and Mortgage.

IN WITNESS WHEREOF, we, Mark Fasching and Christa Alexander, have hereunto set our hands this _____ day of _____, 2026.

Mark Fasching

Christa Alexander

STATE OF _____

_____ COUNTY, SS.

At _____, this ____ day of _____, 2026, personally appeared Mark Fasching and Christa Alexander, and they acknowledged the foregoing instrument by them executed to be their free act and deed.

Before me,

Signature of Notary Public

Print name of Notary Public

Commission No. _____

(My commission expires _____)

Mill Brook Restoration-FEMA Jericho
Warranty Deed of Easement, Parcel #1
Mark Fasching and Christa Alexander, joined by
Vermont Land Trust, Inc.,
VT Agency of Agriculture, Food & Markets
& VT Housing and Conservation Board

IN WITNESS WHEREOF, Vermont Land Trust Inc., has caused its name to be hereunto subscribed at Montpelier, in the County of Washington and State of Vermont on this, the 18th day of June, 2026, by the hand of Morgan Klimmek, a duly authorized agent, for the sole purpose of demonstrating the approval of this easement on behalf of the Holders, pursuant to the terms of the 2014 Grant, and on behalf of itself, pursuant to the terms of the 2021 Grant.

VERMONT LAND TRUST, INC.

By: _____

Its: Staff Attorney
and duly authorized agent

STATE OF VERMONT
WASHINGTON COUNTY, SS.

At Montpelier, on this, the 18th day of June, 2026, personally appeared Morgan Klimmek, and acknowledged this instrument, by them as duly authorized agent of Vermont Land Trust, Inc., to be their free act and deed and the free act and deed of Vermont Land Trust, Inc.

Before me,



Signature of Notary Public

Vanessa Wedlund
Type or print name of Notary Public
Commission No. 157.0014231
(My commission expires: 01/31/2027)



May 28, 2026

Dear Permittee(s),

The Notice of Intent for the discharge of stormwater runoff from Low Risk Construction Activity under Construction General Permit 3-9020 (CGP) (June 20, 2025) has been authorized under permit number **10030-9020**. You will need the following documents to maintain compliance with this authorization. Enclosed with this cover letter is the **Authorization to Discharge under General Permit 3-9020** and a copy of the **Notice of Authorization** that you must post at the construction site. In addition, any additional Owners and Operators that were not identified on the Notice of Intent at the time of application must file a **Notice of Addition of Co-Permittee**. See below for more details on these and other permit requirements.

1. Authorization to Discharge under the CGP

The authorization for Low Risk Construction Activity is valid until June 20, 2030. If the project will proceed past the expiration date, you must reapply for coverage under a new construction stormwater permit before that time. If the project is completed or is sold, you shall terminate the authorization by submitting a Notice of Termination, subject to *Subpart 5.5* of the CGP. Any proposed project changes must be evaluated in accordance with the terms, conditions, and eligibility provisions set forth in *Part 4* of the CGP.

2. Notice of Authorization for Posting

The Notice of Authorization, which details the authorization and conditions selected in completing the *Appendix A* to the CGP, must be posted in a location visible to the public in accordance with *Subpart 2.1.6* of the CGP.

3. Notice of Addition of Co-Permittee

This form must be submitted for every additional Owner and/or Operator who joins the project, in accordance with *Subpart 5.3* of the CGP. Use ANR Online to file all Notice of Additions, available on [ANR Online's main page](#).

4. The Low Risk Handbook for Erosion Prevention and Sediment Control (The Handbook)

The authorization, the CGP, and *The Handbook* provide details and maintenance requirements for EPSC practices that must be implemented throughout the construction project to mitigate erosion and the discharge of sediment from the construction site. These documents shall be reviewed by the Permittee(s) and the Operator(s) prior to the start of construction. *The Handbook* can be found on the [Stormwater Program](#) website.

The CGP, copies of pertinent forms, and *The Handbook* are available on the [Stormwater Program](#) website. If you have any questions related to the authorization, please contact the district's Environmental Analyst by referencing the [Stormwater District Map](#).

Sincerely,
Stormwater Program

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC)
AUTHORIZATION TO DISCHARGE FOR LOW RISK CONSTRUCTION ACTIVITY
UNDER CONSTRUCTION GENERAL PERMIT 3-9020

Permit Number: 10030-9020

A determination has been made that the applicant(s) (Here in after "permittee"):

Vermont Agency of Transportation
219 North Main Street
Barre, VT 05641

meets the criteria necessary for inclusion under General Permit 3-9020 (CGP) for low risk construction activities. Subject to the conditional and eligibility provisions of the CGP, the permittee is authorized to discharge stormwater to Mill Brook and Winooski River from the following construction activities: The Mill Brook just upstream of the confluence with the Winooski River has eroded laterally into the VT Route 117 road embankment over a series of flood events. Temporary riprap was placed over a portion of the site previously, which will be replaced and rock reused as part of the reconstructed bank. A Ballasted Engineered Log Jam (ELJ) is proposed along the outer meander bend along VT Route 117. The ELJ bank stabilization includes stacked logs with and without root fans, log piles, and riprap ballast between logs. The ELJ will have upper voids filled with topsoil or grubblings and planted with native vegetation. A floodbench will be graded along the toe of bank with the bankfull and low flow channels reconstructed in the recent bar deposits. Temporary stream impacts to direct river flow away from the work area through a recently deposited bar are proposed for the construction phase. The project associated with the above construction activities is authorized to disturb a total of **2.10 acre(s)** with a maximum allowance of **2 acre(s)** of concurrent earth disturbance and is located at 265 Vermont Route 117 in Jericho, Vermont. The permittee shall comply with this authorization and all the terms, conditions, and eligibility provisions of the CGP.

1. Effective Date and Expiration Date of this Authorization

This authorization to discharge shall become effective on May 28, 2026 and shall continue through June 20, 2030. The permittee shall reapply for coverage at least 60 days prior to expiration if the project has not achieved final stabilization or if construction activities are expected after the date of expiration.

2. Compliance with the CGP and this Authorization

The complete and final Notice of Intent (NOI) and Appendix A Risk Score Evaluation submitted for this project are incorporated by reference into this authorization and are included in the terms of this authorization. These terms include:

- Implementation and maintenance of erosion prevention and sediment control practices required by the *Low Risk Handbook for Erosion Prevention and Sediment Control (The Handbook)*.
- All areas of disturbance must have temporary or final stabilization within **14 days** of the initial disturbance. After this time, disturbed areas must be temporarily or permanently stabilized in advance of any runoff producing event. A runoff producing event is an event that produces runoff from the construction site. The following exception to the above stabilization requirements apply:
 - Temporary stabilization is not required if work is occurring in a self-contained excavation (i.e., no outlet) with a depth of two (2) feet or greater (e.g., house foundation excavation, utility trenches). Areas of a construction site that drain to sediment basins are not

considered eligible for this exemption and the exemption applies only to the excavated area itself.

3. Inspections and Maintenance

General site inspections shall be conducted for all areas that have been disturbed and are not yet finally stabilized at least once every seven (7) calendar days, immediately before any stormwater runoff producing event, and daily during the winter construction period (October 15 through April 15). Upon inspection, any erosion prevention and sediment control measure that is not installed properly, in need of maintenance, or not effectively preventing sediment laden discharges shall be corrected before the next runoff producing event. In addition:

- If dewatering activities are occurring, the permittee shall daily during dewatering activities inspect the dewatering device to ensure proper sediment control and the permittee shall complete daily sampling requirements, using a turbidity meter, at all points where dewatering water is discharged.
- If visibly discolored stormwater runs off the construction site or discharges to waters of the State, the permittee shall take immediate corrective action to inspect and maintain existing best management practices (BMPs), and to install supplemental BMPs necessary to minimize and prevent the discharge.
 - After completion of the corrective action, there continues to be a discharge of discolored stormwater from the construction site to waters of the State, the permittee shall notify DEC by submitting a Discharge Report in accordance with *Subpart 2.2.2* of the CGP within 24 hours of discovering the discharge.

4. Transferability and Addition of Co-Permittee

This authorization to discharge is not transferable to any person, nor may any person be added as a permittee, except in compliance with the CGP including submission of a complete Notice of Transfer or Notice of Addition of Co-Permittee.

Following receipt of authorization under the CGP, additional Owner(s) and Operator(s) not identified on the Notice of Intent at the time of application shall be added as a co-permittee by filing a Notice of Addition of Co-Permittee with the Secretary. The co-permittee shall be subject to all terms and conditions of the permittee's authorization and the CGP.

5. Right to Appeal

(A) Pursuant to 10 V.S.A. Chapter 220, any appeal of this permit, except for appeal of a renewable energy plant as described in (B), must be filed with the clerk of the Environmental Division of the Superior Court within 30 days of the date of the decision. The notice of appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Division; and must be signed by the appellant or the appellant's attorney. In addition, the appeal must give the address or location and description of the property, project, or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the notice of appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings.

(B) If this permit relates to a renewable energy plant for which a certificate of public good is required under 30 V.S.A. § 248, any appeal of this decision must be filed with the Vermont Public Utility Commission pursuant to 10 V.S.A. § 8506. This section does not apply to a facility that is

subject to 10 V.S.A. § 1004 (dams before the Federal Energy Regulatory Commission), 10 V.S.A. § 1006 (certification of hydroelectric projects), or 10 V.S.A. Chapter 43 (dams). Any appeal under this section must be filed with the clerk of the Public Utility Commission within 30 days of the date of this decision; the appellant must file with the clerk an original and six (6) copies of its appeal. The appellant shall provide notice of the filing of an appeal in accordance with 10 V.S.A. § 8504(c)(2) and shall also serve a copy of the notice of appeal on the Vermont Public Service Department. For further information, see the Rules and General Orders of the Public Utility Commission.

Dated May 28, 2026

Julia S. Moore, Secretary

Agency of Natural Resources

By:

A handwritten signature in black ink, appearing to read "Thomas A. Benoit Sr.", written over a horizontal line.

Thomas A. Benoit Sr., Program Manager
Stormwater Program

Notice of Authorization
Under Construction General Permit 3-9020
For Low Risk Construction Activity



Permittee directions for posting: This notice shall be placed near the construction entrance at a location visible to the public. For linear projects, this notice shall be posted at a publicly accessible location near the active part of the construction project.

NOI Number:	10030-9020
Date of Authorization:	May 28, 2026
Date of Expiration:	June 20, 2030
Permittee(s):	Vermont Agency of Transportation
Project Name:	Mill Brook Restoration

The project listed above has received authorization under General Permit 3-9020 to discharge stormwater from the following construction activities:

The Mill Brook just upstream of the confluence with the Winooski River has eroded laterally into the VT Route 117 road embankment over a series of flood events. Temporary riprap was placed over a portion of the site previously, which will be replaced and rock reused as part of the reconstructed bank. A Ballasted Engineered Log Jam (ELJ) is proposed along the outer meander bend along VT Route 117. The ELJ bank stabilization includes stacked logs with and without root fans, log piles, and riprap ballast between logs. The ELJ will have upper voids filled with topsoil or grubblings and planted with native vegetation. A floodbench will be graded along the toe of bank with the bankfull and low flow channels reconstructed in the recent bar deposits. Temporary stream impacts to direct river flow away from the work area through a recently deposited bar are proposed for the construction phase.

Total Project Earth Disturbance:	2.10 acre(s)
Concurrent Earth Disturbance:	2 acre(s)

This authorization includes the following requirements:

- Implementation and maintenance of erosion prevention and sediment control practices required by the *Low Risk Handbook for Erosion Prevention and Sediment Control (The Handbook)*.
- All areas of disturbance must have temporary or final stabilization within **14 days** of the initial disturbance. After this time, disturbed areas must be temporarily or permanently stabilized in advance of any runoff producing event. A runoff producing event is an event that produces runoff from the construction site. The following exception to the above stabilization requirements apply:
 - Temporary stabilization is not required if work is occurring in a self-contained excavation (i.e., no outlet) with a depth of two (2) feet or greater (e.g., house foundation excavation, utility trenches). Areas of a construction site that drain to sediment basins are not eligible for this exemption and the exemption applies only to the excavated area itself.
- General site inspections shall be conducted for all areas that have been disturbed and are not yet finally stabilized at least once every seven (7) calendar days, immediately before any stormwater runoff producing event, and daily during the winter construction period (October 15 through April 15). Upon inspection, any erosion prevention and sediment control measure that is not installed properly, in need of maintenance, or not effectively preventing sediment laden discharges shall be addressed before the next runoff producing event. In addition:
 - If dewatering activities are occurring, the permittee shall daily during dewatering activities inspect the dewatering device to ensure proper sediment control and complete daily sampling requirements, using a turbidity meter, at all points where dewatering water is discharged.

- If visibly discolored stormwater runs off the construction site or discharges to waters of the State, the permittee shall take immediate corrective action to inspect and maintain existing best management practices (BMPs), and to install supplemental BMPs necessary to minimize and prevent the discharge.
 - After completion of the corrective action, if there continues to be a discharge of discolored stormwater from the construction site to waters of the State, the permittee shall notify DEC by submitting a Discharge Report in accordance with *Subpart 2.2.2* of the CGP within 24 hours of discovering the discharge.
- The permittee shall comply with all inspection, maintenance, corrective action, record keeping, and reporting requirements, and all other terms, conditions, and eligibility provisions, including those conditions related to project changes, as set forth in General Permit 3-9020 and this authorization.
- Following receipt of authorization under the CGP, additional Owner(s) and Operator(s) not identified on the Notice of Intent at the time of application shall be added as a co-permittee by filing a Notice of Addition of Co-Permittee with the Secretary. The co-permittee shall be subject to all terms and conditions of the permittee's authorization and the CGP.

To request information on this authorization, or to report compliance concerns, please contact:

Vermont Department of Environmental Conservation
Watershed Management Division
Stormwater Program

<https://dec.vermont.gov/watershed/stormwater>

From: AOT - Power Automate
Sent: Tuesday, April 7, 2026 9:35 AM
To: Goldstein, Lee; Ramsey, Jeff; Held, JulieAnn; Keedy, Mike
Cc: Gingras, Glenn; Eldridge, William; Brunelle, Chris; Simard, Lee; Pientka, Bernie
Subject: JERICHOHMGP001 - [Project] 19 Review

Do not reply to this email.

Project JERICHOHMGP001 has been approved by Chris.Brunelle@vermont.gov. The following Standard Conditions apply: .

Title-19 Standard Conditions:

1. A) The project shall be constructed as defined in the documents linked to the JERICHOHMGP001 project in this Title 19 Share Point site. B) Any amendment to the plans which in any way affects surface waters and/or riparian corridors shall be reviewed by this office and approval received by VTrans prior to construction. C) Any construction modifications that deviate from the approved plans which in any way affects surface waters and/or riparian corridors shall be reviewed by this office and approval received by VTrans prior to the construction activity.
2. That the contractor's schedule of accomplishment of water quality related work to be submitted prior to the start of construction, and as required under general specification #105.23(a) shall include site-specific methods of operation. Temporary construction fills, check dams, silt barriers and other erosion control works shall be described and shown on pertinent plans.

4>That the Vermont Agency of Transportation general specification #105.23 addressing the control of erosion and siltation be carefully adhered to in order to minimize turbidity and other adverse impacts.

3. That the Vermont Agency of Transportation general specification #105.24 addressing pollution control be carefully followed in order to limit, if not prevent altogether, the discharge of fuel, grease, oil, raw concrete, paint, chemicals, and debris to any waters of the state.
4. An on-site pre-construction conference between the contractor, VTrans Resident Engineer and the River Management Engineer (Chris.Brunelle@vermont.gov) shall be held prior to commencement of any in-stream construction. Please contact the ANR River Management Engineer listed at the top of this email to schedule the conference.
5. Approved in-stream working dates on this project are from June 1st - Oct 1st . Contractor proposals for construction activities in or adjacent to flowing water during the restricted period must be isolated from stream flow and must receive prior approval from the River Management Engineer.
6. The provisions of this approval shall be made a part of the construction contract.

.

ANR Permit Number:

Project GUID:

**VERMONT AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

INDIVIDUAL WETLAND PERMIT

In the matter of:

VTrans
c/o Glenn Gingras
219 N. Main Street
Barre, VT 05641

**Application for the construction of a ballasted engineered log jam to stabilize
Route 117 where Mill Brook enters the Winooski River with proposed impacts to
14,359 square feet of wetland and 16,144 square feet of buffer zone.**

Vermont Route 117, Jericho

File #: 2026-0273

Date of Decision: August 4, 2026
Permit Decision: **Approved**
Permit Expiration: August 4, 2031

Any activity in a Class I or Class II wetland or its associated buffer zone is prohibited unless it is an allowed use under the Vermont Wetland Rules (VWR) or unless it receives a permit allowing such activity. 10 V.S.A. § 913. Applicants for an individual permit for a proposed activity in any Class I or Class II wetland or its buffer zone must demonstrate that the proposed activity complies with the VWR and will have no undue adverse effects on protected functions and values. VWR § 9.5(a).

The Vermont Agency of Natural Resources (Agency) received an application dated June 9, 2026 from VTrans (permittee) seeking an individual Vermont Wetland Permit for a project involving activities in a wetland and associated buffer zone located in Jericho, Vermont. The Agency gave notice of the application in accordance with the VWR. The Agency considered all comments received during the public comment period during review of the application and issuance of this permit.

DECISION AND PERMIT CONDITIONS

1. Based on the Findings contained in this permit below, the Secretary has determined that the project will comply with 10 V.S.A. chapter 37 and the VWR and will have no undue adverse effect on protected functions and values of the wetland. The permittee has demonstrated that the project will have no undue adverse effects on the protected functions and values of the significant wetland and associated buffer zone, provided the project is conducted in accordance with the following conditions:

- A. All activities in the wetland and buffer zone shall be operated and maintained as set forth in the permit application #2026-0273 and the supporting materials submitted with the permit application including site plans titled and stamped by the Wetlands Program:

- Wetland Impact Areas, prepared by SLR; last revised 6/9/2026
- Mill Brook Restoration, prepared by SLR; last revised 6/9/2026

No material or substantial changes shall be made to the project without the prior written approval of the Vermont Wetlands Program. Project changes, including transfer of property ownership prior to commencement of a project, may require a permit amendment and additional public notice.

- B. The permittee shall record the issuance notice in the land records of the Town of Jericho for all properties subject to the permit. Within 30 days of the date of issuance of this permit, the permittee shall supply the Vermont Wetlands Program with a copy of the recording of the issuance notice¹. Unless otherwise waived, the record shall be submitted through ANROnline.
- C. No additional activities are allowed in the wetland and associated buffer zone without the approval of the Secretary unless such activities are allowed uses under VWR § 6. No draining, dredging, filling, grading, or alterations of the water flow is allowed. No cutting, clearing, or removal of vegetation within the wetland and buffer zone is allowed with the exception of the proposed project area as approved by this permit.
- D. This permit expires five years from the date of issuance. If the permittee has not completed all construction activities covered by this permit before the expiration date and wishes to continue construction, the permittee must request a permit extension or apply for a new permit. Any request for an extension must be received by the Agency at least 30 days prior to the end of the five year period in order to prevent the expiration of the permit. A request for extension may be considered a minor modification at the discretion of the Secretary. Pursuant to VWR § 9.1, projects may not be extended beyond ten years of the issuance date.
- E. Wetland boundary delineations are valid for five years. The delineations will need to be re-evaluated by a qualified wetland consultant if the project is not constructed during the five-year period and a request for an extension is submitted.
- F. If a stream alteration permit is obtained for this project, the requirements of that permit shall be followed. If no stream alteration permit was required, the permittee shall comply with the following: The method of installation of ballasted engineered log jams shall be that which presents the least disturbance of stream flow and prevents any discharge of sediment downstream. Stream flow at all times shall be diverted from the work area.

¹ Submit records, notifications, and certifications to ANROnline: <https://anronline.vermont.gov/>

The contractor's equipment shall be clean and well maintained, free of fuel, hydraulic, and gear oil leaks, especially if such equipment is to be used in or adjacent to the water. There shall be absolutely no discharge of uncured concrete to the stream flow. Pumping from excavation areas shall be discharged to an overland area or settling basin such that the effluent shall be essentially clarified before reentering the stream flow. All areas of stream bank disturbed during construction shall be suitably reshaped and stabilized with stone fill or vegetative planting prior to completion of the project. Additionally, the extent of stream bank disturbance shall be strictly limited, and all existing vegetation maintained to the greatest degree practicable. Stream work shall be limited to the period June 1 to October 1. Culvert invert elevations shall be installed six inches below the stream bed level.

- G. The permittee shall monitor the portion of the wetland in question annually during early July for five years following construction for the nuisance plant species purple loosestrife (*Lythrum salicaria*) and common reed (*Phragmites australis*). All nuisance plants found shall be pulled by hand and disposed of by burial or burning in a non-wetland location. If hand pulling is not feasible, a state approved invasive species control plan is required.
 - H. Approximately 17,193 sf of wetland will be restored by seeding and mulching, re-planting onsite woody vegetation, and supplemented with additional plantings or live stakes as needed to achieve a density of 400 stems/acre.
 - I. Onsite monitoring and reporting of the restoration project shall occur annually during the summer months for five years following construction. Monitoring shall consist of establishing photo plots on the banks of the stream channel and performing stem counts in a plot location that best represents the restoring wetland.
- 1. The Secretary maintains continuing jurisdiction over this project and may at any time order that remedial measures be taken if it appears that undue adverse impacts to the protected functions and values of the wetland or buffer are occurring or will occur.
 - 2. This permit does not relieve the permittee of the responsibility to comply with any other applicable federal, state, and local laws, regulations, and permits.
 - 3. The permittee shall allow the Secretary or the Secretary's representatives, at reasonable times and upon presentation of credentials, to enter upon and inspect the permitted property for the purpose of ascertaining compliance with this permit, the VWR, and the Vermont Water Quality Standards, and to have access to and copy all records required to be prepared pursuant to this permit.
 - 4. The Agency accepts no legal responsibility for any damage direct or indirect of whatever nature and by whomever suffered arising out of the approved project. This permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to public or private property, or any invasion of personal rights, or any infringement of federal, state, or local laws

or regulations. This permit does not obviate the necessity of obtaining such federal, state, or local permits or approvals as may be required by law. Nothing in this permit shall be construed to preclude the institution of legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under other laws.

5. Within 15 days of the date of the decision, the permittee, any person entitled to notice under VWR § 9.2, or any person who filed written comments regarding the permit application may request in writing reconsideration of the decision by the Secretary in accordance with VWR § 9.6.
2. Any person with an interest in this matter may appeal this decision pursuant to 10 V.S.A. § 917. Pursuant to 10 V.S.A. chapter 220, an aggrieved person shall not appeal this permit to the Environmental Division of the Vermont Superior Court unless the person submitted to the Secretary a written comment during the applicable public comment period or an oral comment at the public meeting conducted by the Secretary. Absent a determination of the Environmental judge to the contrary, an aggrieved person may only appeal issues related to the person's comments to the Secretary as prescribed by 10 V.S.A. § 8504(d)(2). Any appeal of this decision must be filed with the clerk of the Environmental Division of the Superior Court within 30 days of the date of the decision. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Division; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project, or facility with which the appeal is concerned; the name of the permittee; and any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at www.vermontjudiciary.org. The address for the Environmental Division is: 32 Cherry Street, 2nd Floor, Suite 303, Burlington, VT 05401 (Tel. # 802-951-1740).

FINDINGS

1. The Agency received a complete permit application from VTrans for a Vermont Wetland Permit on June 9, 2026.
2. The wetland and adjacent 50-foot buffer zone are located west of VT Route 117, along Mill Brook, approximately 0.24 miles south of the intersection of Barber Farm Road/VT Route 117.
3. Tina Heath, District Wetlands Ecologist, conducted a site visit to the subject property with Jessica Louisos, Andrea Wright, Allaire Diamond, Elijah Schumacher and Julie Follensbee on May 22, 2026.
4. The wetland is identified as a palustrine wetland on the Vermont Significant Wetlands Inventory (VSWI) maps and therefore designated as a Class II wetland under VWR § 4.6.
5. The wetland in question is described in detail in Sections 4 and 5 of the permit application. The wetland in question is described in detail in Section 4 and 5 of the permit application. The wetland is approximately 1.2 acres composed of scrub-shrub, emergent, and forested habitats. The subject area is in the southeastern portion of the overall wetland complex. This area is described as a scrub-shrub swamp dominated by Crack Willow, Eastern Cottonwood, Smooth Goldenrod, and Wild Cucumber. Soils were documented as Redox Dark Surface with soil saturation to 6-inches below surface grade, and oxidized rhizospheres on living roots.
6. The project is described in detail in Sections 6 and 7 of the permit application. The project consists of the construction of a ballasted engineered log jam to stabilize Route 117 where Mill Brook enters the Winooski River.
7. impacts to the wetland and buffer zone, summarized in Section 8 of the permit application, are as follows:

Wetland Alteration:		Buffer Zone Alteration:	
Wetland Fill:	710 sq.ft.		
Temporary:	13,649 sq.ft.	Temporary:	9,490 sq.ft.
Other Permanent:	0 sq.ft.	Permanent:	6,654 sq.ft.
Total Wetland Impact	14,359 sq.ft.	Total Buffer Zone Impact:	16,144 sq.ft.

8. The protected functions of the wetland include the following: water storage for flood water and storm runoff (VWR § 5.1), surface and groundwater protection (VWR § 5.2), fish habitat (VWR § 5.3), wildlife habitat (VWR § 5.4), exemplary wetland natural community (VWR § 5.5), open space and aesthetics (VWR § 5.9), and erosion control through binding and stabilizing the soil (VWR § 5.10).
9. The following functions are either not present or are present at such a minimal level as to not be protected functions: threatened and endangered species habitat (VWR

§ 5.6), education and research in natural sciences (VWR § 5.7), and recreational value and economic benefits (VWR § 5.8).

10. The wetland is significant for water storage for flood water and storm runoff function as demonstrated in Section 11 of the permit application. Based on the factors described in Section 11.2 of the application, as confirmed through a site visit by Agency staff, the proposed project will not result in an undue adverse impact to this function.
11. The wetland is significant for the surface and ground water protection function as described in Section 12 of the permit application. Based on the factors described in Section 12.2 of the application, as confirmed through a site visit by Agency staff, the proposed project will not result in an undue adverse impact to this function.
12. The wetland is significant for the fish habitat function as described in Section 13 of the permit application. Based on the factors described in Section 13.2 of the application, as confirmed through a site visit by Agency staff, the proposed project will not result in an undue adverse impact to this function.
13. The wetland is significant for the wildlife habitat function as described in Section 14 of the permit application. Based on the factors described in Section 14.2 of the application, as confirmed through a site visit by Agency staff, the proposed project will not result in an undue adverse impact to this function.
14. The wetland is significant for the exemplary wetland natural community function as demonstrated in Section 15 of the permit application. Based on the factors described in Section 15.2 of the application, as confirmed through a site visit by Agency staff, the proposed project will not result in an undue adverse impact to this function.
15. The wetland is significant for the open space and aesthetics as demonstrated in Section 19 of the permit application. Based on the factors described in Section 19.2 of the application, as confirmed through a site visit by Agency staff, the proposed project will not result in an undue adverse impact to this function.
16. The wetland is significant for the erosion control function demonstrated in Section 20 of the permit application. Based on the factors described in Section 20.2 of the application , as confirmed through a site visit by Agency staff, the proposed project will not result in an undue adverse impact to this function.
17. Under 10 V.S.A. § 913 and VWR § 9.5, the Secretary may authorize activities in a Class II wetland or in its buffer zone if the Secretary determines that it complies with the VWR and will have no undue adverse effect on the protected functions and values. Based on the permit application, the site visit(s) by Agency staff, and the foregoing findings and analysis, the Secretary has determined that the project will have no undue adverse effects on the protected functions and values of the Class II wetland.
18. Pursuant to VWR § 9.5(b), the permittee has demonstrated that the activity in the wetland cannot practicably be located outside the wetland or on another site owned, controlled, or available to satisfy the basic project purpose. All practicable

measures have been taken in this proposal to avoid adverse impacts on protected functions, as described in the application.

In summary, the project represents the least impact alternative for stabilization efforts in the area. The area is actively eroding, and this design alternative will provide stabilization that will benefit the wetland and stream system in the long term. Erosion control measures including silt fencing, erosion matting, sandbags, grubbing signs, natural resource technical oversight, and native shrubs and seeding will occur to stabilize/restore area. Monitoring will be implemented annually for five years post construction to track wetland restoration progress.

19. No public comments were received during the public comment period.

Julia S. Moore, Secretary
Agency of Natural Resources

by: 

Laura Lapierre, Program Manager
Wetlands Program
Watershed Management Division

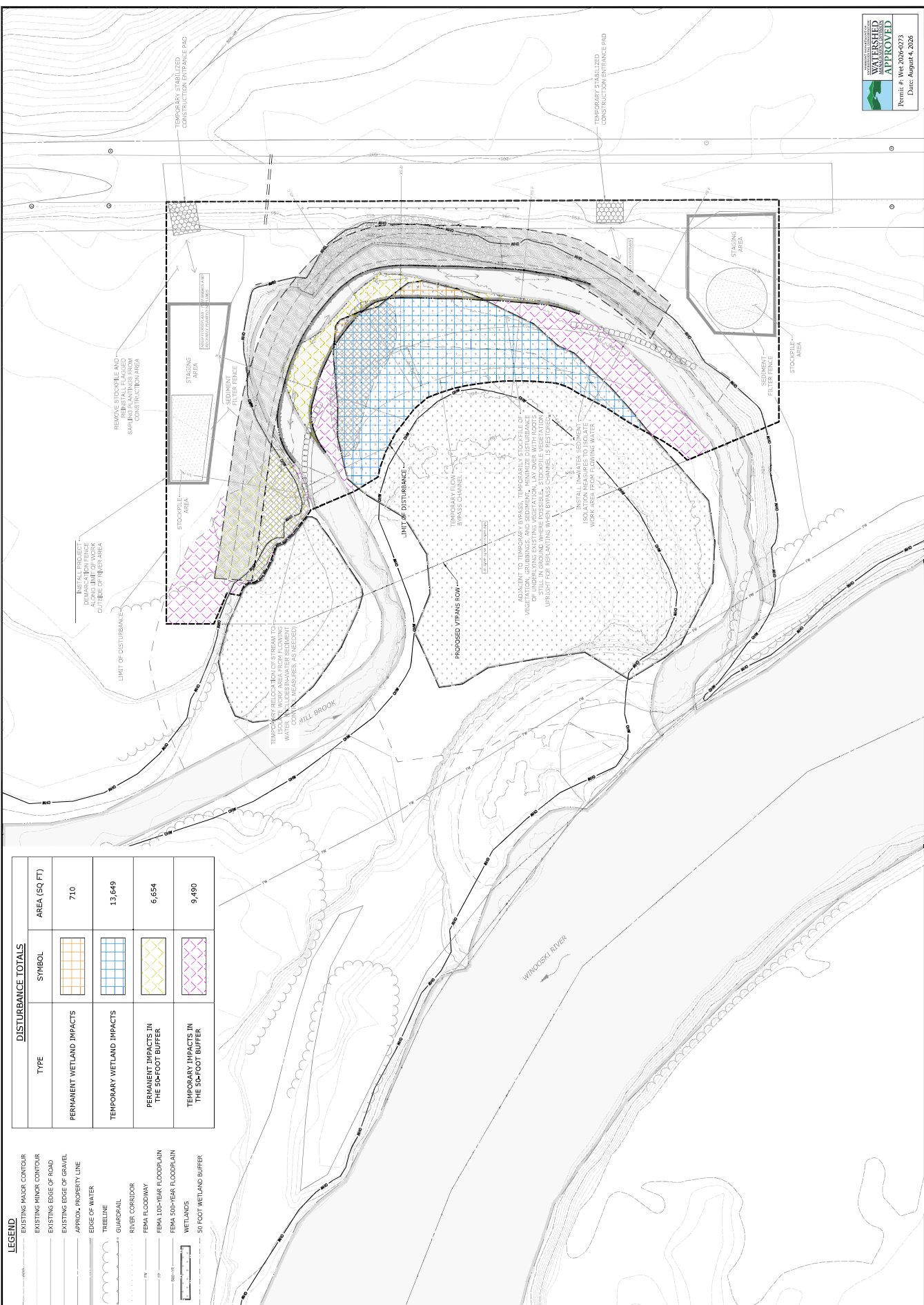
Dated at Montpelier, Vermont
this fourth day of August 2026

JSM/LVPL/TMH

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING EDGE OF ROAD
- EXISTING EDGE OF GRAVEL
- APPROX. PROPERTY LINE
- EDGE OF WATER
- TREELINE
- GUARDRAIL
- RIVER CORRIDOR
- FEMA FLOODWAY
- FEMA 100-YEAR FLOODPLAIN
- FEMA 500-YEAR FLOODPLAIN
- WETLANDS
- 50 FOOT WETLAND BUFFER

DISTURBANCE TOTALS		
TYPE	SYMBOL	AREA (SQ. FT)
PERMANENT WETLAND IMPACTS		710
TEMPORARY WETLAND IMPACTS		13,649
PERMANENT IMPACTS IN THE 50-FOOT BUFFER		6,654
TEMPORARY IMPACTS IN THE 50-FOOT BUFFER		9,490



WET-1
1 OF 1

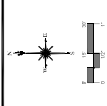
APRIL 27, 2026

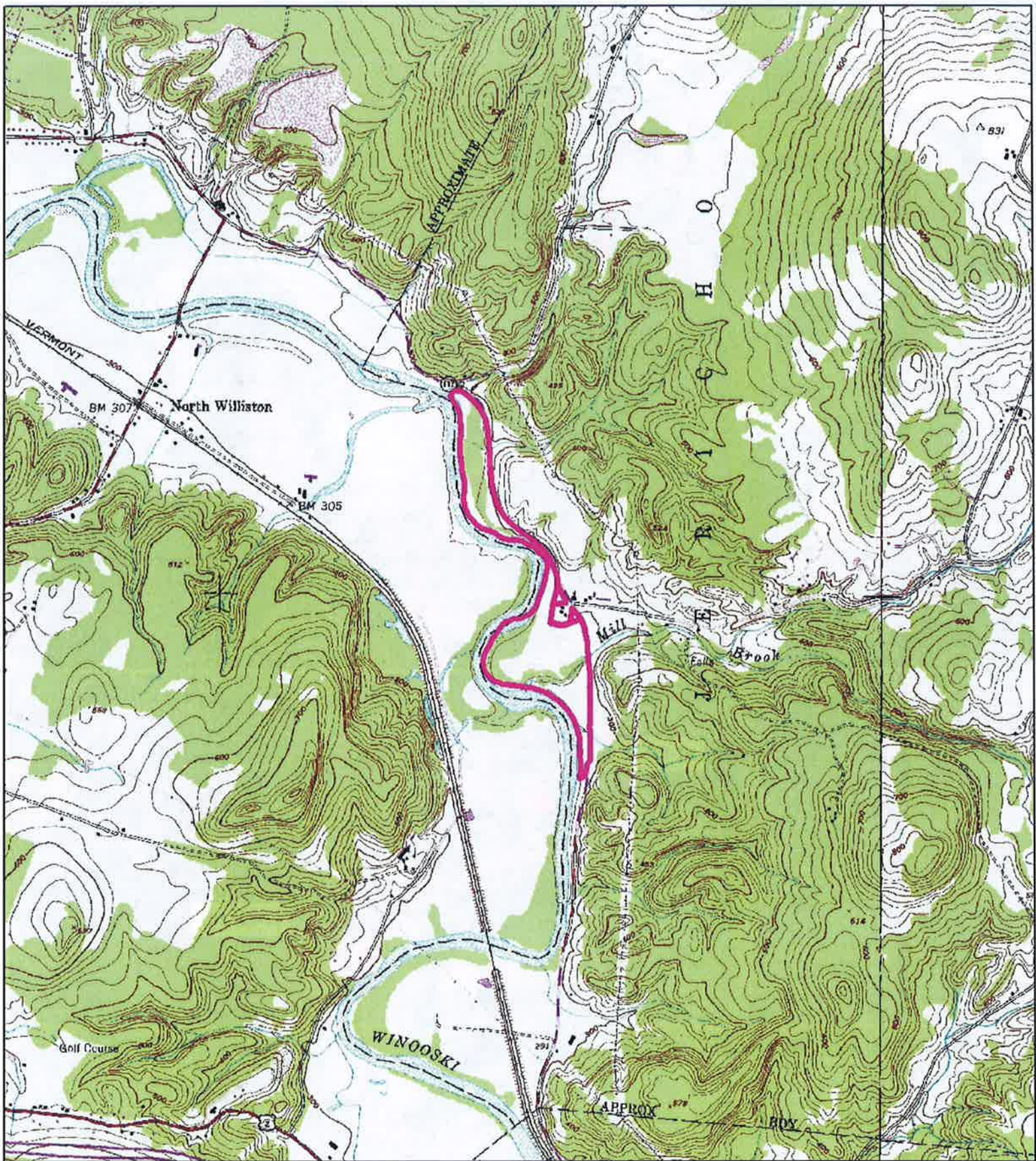
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WETLAND IMPACT AREAS
MILL BROOK RESTORATION
VT ROUTE 117
JERICHO, VERMONT

FINAL DESIGN

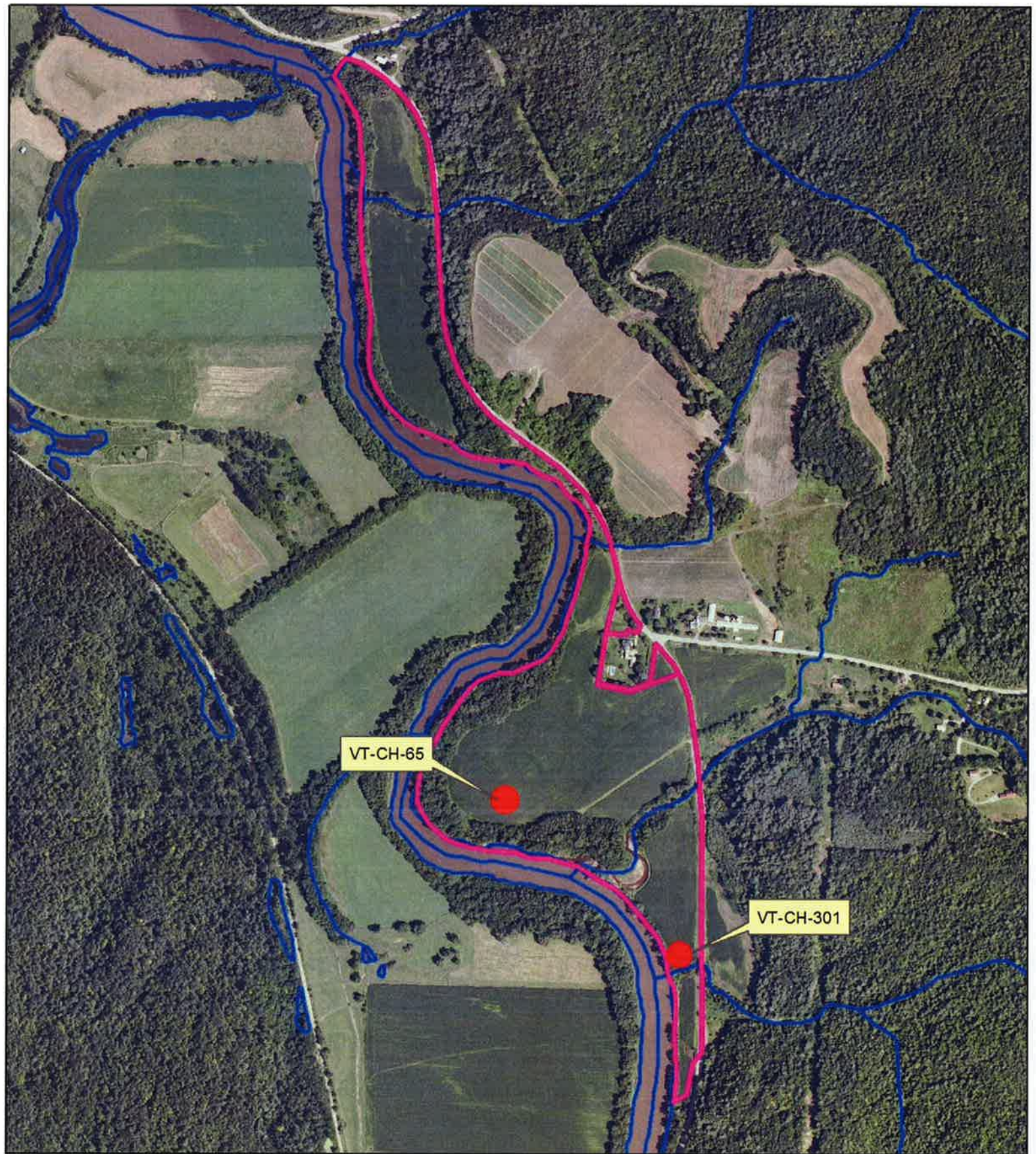
DESCRIPTION	DATE	BY





Lacy-Symington, VLT Valley, Jericho, VT





Lacy-Symington, VLT Valley, Jericho, VT



VERMONT ARCHAEOLOGICAL INVENTORY SITE SURVEY FORM

Segment n/a	Other Site # Not Applicable	
GMNF #	GMNF ICA #	Other GMNF #
Town JERICO		County Chittenden
Site Type Precontact	Precontact Open air	Historic
Cultural Affiliation Native American		
Site Report Date 9/27/1977		
Located By Informant		
Specify		
Site Reporter D. Jerry/ J. Sbardellati		
Address 1 Division for Historic Preservation		
Address 2		
City MONTPELIER	State VT	Zip
Phone	Email n/a	
Date Site Found		Located How Surface observation
Site Finder Stuart Martin		
Address 1 River Road		
Address 2		
City ESSEX	State VT	Zip
Phone	Email n/a	
Land Owner Type Private		
Land Owner Donald Fay		
Address 1 farm next to site		
Address 2		
City JERICO	State VT	Zip
Phone	Email n/a	
Project Name Chittenden County Archaeological Survey		
Study Phase Not applicable		
Project Sponsor(s) DHP ☒ VTrans ☐ NRCS ☐ USFS ☐ Other Federal Agency ☐ Other Fed. Agency Name: Other State Agency ☐ Other State Agency Name: Private Developer ☐ Utility ☐ Non Profit ☐ Non Profit Name: Academic Institution ☐ Not Applicable ☐ Jurisdiction Section 106 ☐ Act 250 ☐ 22 VSA 14 ☐ Other ☒ Not Applicable ☐		

VERMONT ARCHAEOLOGICAL INVENTORY SITE SURVEY FORM

USGS Quad Essex Center 7.5		Directions To Site Follow Rt. 117 east from Essex Jct. To just past Barber Farm Road where Rt. 117 crosses Mill Brook. Follow Mill Brook to its mouth confluence with the Winooski River.	
VT SPCS83	Easting 458416 Northing 217340	☒ Data Confidence	
UTM Zone 18 NAD83 E 657328.66669 NAD27 E NAD83 N 4924323.00789 NAD27 N Longitude Latitude			
Permanent Datum Coordinates n/a			
Topographic Setting Floodplain Specify Slope 0 - 3% Elevation 88 Aspect Original Landform Not Applicable Current Setting Other Specify unknown NRCS Soil Map Series An, Hf Watershed Affiliation Winooski Closest Water Association Existing Closest Existing Water Brook/stream Existing Water Distance Closest Relict Water Relict Water Distance			
Precontact Context and Site Age ☐ Paleolndian ☒ Early Archaic ☒ Middle Archaic ☒ Late Archaic ☐ Terminal Archaic ☐ Early Woodland ☐ Middle Woodland ☐ Late Woodland ☐ Contact ☒ Undetermined Precontact	Precontact Research Topics ☒ Adaptation ☐ Chronology ☒ Technology ☒ Exchange/Trade ☐ Subsistence System ☐ Settlement System ☐ Socio-Political Organization ☐ Human Biology ☐ Belief System ☐ Environmental Change	Historic Context ☐ Contact ☐ Exploration ☐ Conflict ☐ Early Settlement ☐ Industry/Commerce ☐ Agriculture ☐ War/Peace ☐ Tourism ☐ Transportation ☐ Government/Culture ☐ Housing/Community ☐ Undetermined	Historic Time Range ☐ 1600-1700 ☐ 1700-1770 ☐ 1770-1800 ☐ 1800-1850 ☐ 1850-1870 ☐ 1870-1900 ☐ 1900-1950 ☐ Post 1950 ☐ Undetermined
Specific Precontact Context n/a		Specific Historic Contexts n/a	

VERMONT ARCHAEOLOGICAL INVENTORY SITE SURVEY FORM

Greatest Depth Range of Data Found: surface Data Collection Methodology ☒ Surface Collection ☐ Eroding Surface ☐ Metal Detecting w/ Truthing ☐ Subsurface Testing ☐ Backhoe Trenching ☐ Underwater Recording ☐ Archival ☐ Oral History ☐ Other Specify:	Dating Method ☐ C14 ☐ OCR ☒ Diagnostic Artifacts ☐ Archival ☐ Other Dating Technique Specify:	☐ Excavation Applicable Number of Total Units Excavated: ☐ Test Unit(s) Excavated Applicable Test Unit(s) Sizes, Volumes, and Number (if various sizes and volumes, indicate # of units per size/volume): ☐ Positive Unit(s) Excavated Applicable Number of Positive Units Excavated: ☐ Total Site Area is Known Total Site Area:
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Artifact Data Repository when Form Completed: Private collection

Other:

Artifact Repository Address: Mark Desautells

Precontact data requirements for significance, in accordance with DHP Guidelines, Section 4.4.1. site significance matrix:

- ☐ Insufficient information
- ☒ Site contains items, deposits, and/or surfaces that can provide inferences about relevant past activities
- ☒ Site contains items or deposits that can identify the site's time period
- ☐ Site possesses spatial relationships among items, deposits and/or surfaces which can be reconstructed
- ☐ Site contains deposits with floral, pollen, faunal or other botanical and zoological data
- ☒ Site contains items whose potential source area(s) can be identified
- ☐ Site contains the remains of at least one inhumation sufficiently preserved to permit analysis of diet, health, pathologies, or demographic data; or contains evidence of at least one cremation
- ☐ Site contains non-utilitarian items or deposits that can provide inferences about past beliefs
- ☐ Site contains natural or cultural deposits or surfaces with data pertinent to paleo-environmental reconstruction (including past vegetation, fauna, landscape, water sources, or climate) of the locale or larger region

Historic Period significance criteria: Priority Themes from DHP Guidelines, Section 4.5.2:

- ☐ Insufficient information
- ☐ Native people and their communities after European contact
- ☐ 17th and 18th century military history
- ☐ War of 1812 and Civil War in Vermont
- ☐ Abandoned communities (Vermont's "ghost towns")
- ☐ 18th Century French in Vermont
- ☐ Early Euro-american settlement (ca. 1760 - 1800, although may be later in northern Vermont), including farmstead economy and technology, industry and commerce, health and nutrition, and transportation
- ☐ Pre-1870 industries and commercial enterprises
- ☐ Unanswered questions about Vermont's ethnic and minority groups
- ☐ Vermont's maritime history
- ☐ Unwritten stories of important Vermonters (pre-1900)
- ☐ Unique, rare, highly unusual, and exceptional federal, state, and local public works
- ☐ Unique, rare, highly unusual, and exceptional sites

VERMONT ARCHAEOLOGICAL INVENTORY SITE SURVEY FORM

Site Integrity ☐ Apparently Intact ☐ Apparently Disturbed ☐ Never Plowed ☐ Plowed ☐ Disturbed ☐ Heavily Disturbed ☐ Road ☐ Erosion ☐ Vandalism ☐ Development ☒ Other Specify: n/a	Report Status Not applicable Report Author Report Date Report Title Report Number Report Prepared By Report Prepared For Additional Report
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Previous Collections

Stuart Martin, River Road, Essex Jct., VT
878-2810

Other Site Information

n/a

VERMONT ARCHAEOLOGICAL INVENTORY SITE SURVEY FORM

State/National Historic Register Status Insufficient Information

Determination Date

NR Criteria of Significance

☐ A ☐ B ☐ C ☐ D

Statement Of Significance

Insufficient Information

Site Description

While fishing/ field walking, Mark Desautells of Colchester, Vermont, relocated VT-CH-65 unknowingly. Having found a "major" (actually average approximately 100 m2) flake scatter and a projectile point he contacted me. I assured him this was a known site and he agreed to leave it be. Flakes he left in field. These consisted of chert, quartzite, and quartz. The projectile point he took to show me and retains in his personal collection. This projectile point was a dark grey chert Jack's Reef (variant?) similar to Ritchie's Plate 11, #11, "a typology an nomenclature for New York projectile points" 1961, but with a narrower stem. Mark Desautells also noted that VT-CH-65 consisted of two cluster areas. The major one where projectile point came from and another down slope to the southeast approximately 20-30 meters. Projectile typology confirmed by Peter Thomas and Scott Dillon -CAP.

Data Found

2 points material unknown
1 Jack's Reef
flake scatter left at site

VERMONT ARCHAEOLOGICAL INVENTORY SITE SURVEY FORM

Segment n/a	Other Site # Not Applicable	
GMNF #	GMNF ICA #	Other GMNF #
Town JERICO		
County Chittenden		
Site Type Precontact	Precontact Open air	Historic
Cultural Affiliation Native American		
Site Report Date 5/16/1986		
Located By Informant		
Specify		
Site Reporter Douglas Frink		
Address 1 RD 2, Box 1280		
Address 2		
City WESTFORD	State VT	Zip
Phone (802) 878-8746	Email n/a	
Date Site Found	Located How Surface observation	
Site Finder Mark Desautals		
Address 1 n/a		
Address 2 n/a		
City	State VT	Zip
Phone	Email n/a	
Land Owner Type Private		
Land Owner Fay		
Address 1 n/a		
Address 2 n/a		
City JERICO	State VT	Zip
Phone	Email n/a	
Project Name State Archaeological Inventory		
Study Phase Not applicable		
Project Sponsor(s) DHP ☐ VTrans ☐ NRCS ☐ USFS ☐ Other Federal Agency ☐ Other Fed. Agency Name: Other State Agency ☐ Other State Agency Name: Private Developer ☐ Utility ☐ Non Profit ☐ Non Profit Name: Academic Institution ☐ Not Applicable ☒ Jurisdiction Section 106 ☐ Act 250 ☐ 22 VSA 14 ☐ Other ☐ Not Applicable ☒		

VERMONT ARCHAEOLOGICAL INVENTORY SITE SURVEY FORM

USGS Quad Essex Junction 7.5		Directions To Site n/a	
VT SPCS83	Easting 458748 Northing 217030	☒ Data Confidence	
UTM Zone 18 NAD83 E 657669.95724 NAD27 E NAD83 N 4924023.32202 NAD27 N Longitude Latitude			
Permanent Datum Coordinates n/a			
Topographic Setting Other Specify terrace Slope 0 - 3% Elevation 366 Aspect Original Landform Not Applicable Current Setting Crop land Specify NRCS Soil Map Series Hartland very fine sandy loam Watershed Affiliation Winooski Closest Water Association Existing Closest Existing Water River Existing Water Distance 0 - 30 m (100') Closest Relict Water Relict Water Distance			
Precontact Context and Site Age ☐ PaleoIndian ☐ Early Archaic ☐ Middle Archaic ☒ Late Archaic ☐ Terminal Archaic ☐ Early Woodland ☐ Middle Woodland ☐ Late Woodland ☐ Contact ☐ Undetermined Precontact		Precontact Research Topics ☒ Adaptation ☒ Chronology ☒ Technology ☐ Exchange/Trade ☐ Subsistence System ☐ Settlement System ☐ Socio-Political Organization ☐ Human Biology ☐ Belief System ☐ Environmental Change	
		Historic Context ☐ Contact ☐ Exploration ☐ Conflict ☐ Early Settlement ☐ Industry/Commerce ☐ Agriculture ☐ War/Peace ☐ Tourism ☐ Transportation ☐ Government/Culture ☐ Housing/Community ☐ Undetermined	
		Historic Time Range ☐ 1600-1700 ☐ 1700-1770 ☐ 1770-1800 ☐ 1800-1850 ☐ 1850-1870 ☐ 1870-1900 ☐ 1900-1950 ☐ Post 1950 ☐ Undetermined	
Specific Precontact Context n/a		Specific Historic Contexts n/a	

VERMONT ARCHAEOLOGICAL INVENTORY SITE SURVEY FORM

Greatest Depth Range of Data Found: surface Data Collection Methodology ☒ Surface Collection ☐ Eroding Surface ☐ Metal Detecting w/ Truthing ☐ Subsurface Testing ☐ Backhoe Trenching ☐ Underwater Recording ☐ Archival ☐ Oral History ☐ Other Specify:	Dating Method ☐ C14 ☐ OCR ☒ Diagnostic Artifacts ☐ Archival ☐ Other Dating Technique Specify:	☐ Excavation Applicable Number of Total Units Excavated: ☐ Test Unit(s) Excavated Applicable Test Unit(s) Sizes, Volumes, and Number (if various sizes and volumes, indicate # of units per size/volume): ☐ Positive Unit(s) Excavated Applicable Number of Positive Units Excavated: ☐ Total Site Area is Known Total Site Area:
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Artifact Data Repository when Form Completed: Private collection

Other:

Artifact Repository Address: Mark Desautels

Precontact data requirements for significance, in accordance with DHP Guidelines, Section 4.4.1. site significance matrix:

- ☐ Insufficient information
- ☒ Site contains items, deposits, and/or surfaces that can provide inferences about relevant past activities
- ☒ Site contains items or deposits that can identify the site's time period
- ☐ Site possesses spatial relationships among items, deposits and/or surfaces which can be reconstructed
- ☐ Site contains deposits with floral, pollen, faunal or other botanical and zoological data
- ☒ Site contains items whose potential source area(s) can be identified
- ☐ Site contains the remains of at least one inhumation sufficiently preserved to permit analysis of diet, health, pathologies, or demographic data; or contains evidence of at least one cremation
- ☐ Site contains non-utilitarian items or deposits that can provide inferences about past beliefs
- ☐ Site contains natural or cultural deposits or surfaces with data pertinent to paleo-environmental reconstruction (including past vegetation, fauna, landscape, water sources, or climate) of the locale or larger region

Historic Period significance criteria: Priority Themes from DHP Guidelines, Section 4.5.2:

- ☐ Insufficient information
- ☐ Native people and their communities after European contact
- ☐ 17th and 18th century military history
- ☐ War of 1812 and Civil War in Vermont
- ☐ Abandoned communities (Vermont's "ghost towns")
- ☐ 18th Century French in Vermont
- ☐ Early Euro-american settlement (ca. 1760 - 1800, although may be later in northern Vermont), including farmstead economy and technology, industry and commerce, health and nutrition, and transportation
- ☐ Pre-1870 industries and commercial enterprises
- ☐ Unanswered questions about Vermont's ethnic and minority groups
- ☐ Vermont's maritime history
- ☐ Unwritten stories of important Vermonters (pre-1900)
- ☐ Unique, rare, highly unusual, and exceptional federal, state, and local public works
- ☐ Unique, rare, highly unusual, and exceptional sites

VERMONT ARCHAEOLOGICAL INVENTORY SITE SURVEY FORM

Site Integrity ☐ Apparently Intact ☐ Apparently Disturbed ☐ Never Plowed ☒ Plowed ☐ Disturbed ☐ Heavily Disturbed ☐ Road ☐ Erosion ☐ Vandalism ☐ Development ☐ Other Specify:	Report Status Not applicable Report Author Report Date Report Title Report Number Report Prepared By Report Prepared For Additional Report
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Previous Collections

n/a

Other Site Information

Mark Desautels collected some artifacts photos taken.

VERMONT ARCHAEOLOGICAL INVENTORY SITE SURVEY FORM

State/National Historic Register Status Insufficient Information

Determination Date

NR Criteria of Significance

☐

A

☐

B

☐

C

☐

D

Statement Of Significance

Insufficient Information

Site Description

This site contains flakes, cobbles and fire cracked rocks and tools on the upper terrace remnant along the Winooski River. Between the Winooski River and Rt. 117, south east of VT-CH-65, the terrace is bifurcated by a small tributary.

Data Found

Primary reduction and retouch flakes made from chert, quartz, and quartzite with fire cracked rocks, hammerstones, projectile points- (one tang is probably Atlantic phase broad blade made from quartzite); one complete point- Otter Creek type made from quartzite. Also found, one lead musket ball.

State of Vermont
Division for Historic Preservation
1 National Life Dr., Davis Building, 6th Floor
Montpelier, Vermont 05620-0501
<https://accd.vermont.gov/historic-preservation>

Agency of Commerce and
Community Development

[Phone] 802-461-6191

HISTORIC PRESERVATION PROJECT REVIEW COVER FORM

Please complete this form and attach it to the top of all information submitted to this office for review.
Accurate and complete forms will assist in the timely processing and response to your request.

**1. DOES THIS INFORMATION RELATE TO A PREVIOUSLY
SUBMITTED PROJECT? Please check box.**

☐ If you have checked this box and noted the
previous Project Review (PR) number
assigned by this office you do not need to
continue unless any of the required
information below has changed.

1a. PREVIOUS PROJECT REVIEW NUMBER or PROJECT NAME

TOWN

COUNTY

2. IS THIS A NEW PROJECT?

Please check box

☐ If you have checked this box you will need
to complete ALL of the following
information

Project Name

Location

You MUST include street number, street name and/or County, State or Interstate route number if applicable.

Point Data

GIS Coordinates/Location Information/UTM Latitude-Longitude

City/Town/Village

List the correct city/town/village in which your project is being undertaken.

County

If the undertaking covers multiple towns/counties please email a list defining all towns/counties included with your digital
submission at ACCD.Projectreview@vermont.gov.

PLEASE PROVIDE A BRIEF DESCRIPTION OF THE PROJECT (include a more detailed summary or cover letter describing the
details of your project as an attachment.)

The Historic Preservation Review Process in Vermont

In order to insure that historic preservation is carefully considered in publicly-funded or permitted undertakings, there are laws at each level of government that require projects to be reviewed for their potential impact/effect on historic properties.

These laws include:

- **10 V.S.A. Chapter 151 - Act 250/Criterion 8** - For projects requiring a new Act 250 permit or an amendment to an existing permit.
- **Section 248** - Public Service Board - For projects requiring a Certificate of Public Good.
- **22 V.S.A. Chapter 14** -The Vermont Historic Preservation Act - For projects with state involvement in the form of funding, licenses or permits.
- **Section 106 of the National Historic Preservation Act of 1966** - For projects with federal involvement in the form of funding, licenses or permits.

Regulations on line at: <http://accd.vermont.gov/historic-preservation/resources-rules>

Project review consists of identifying a project's potential impacts to historic buildings and structures, historic districts, historic landscapes and settings, and to known or potential archaeological resources. Project review is a consultative process between the applicant and the Division. Applicants are encouraged to contact our office as early as possible in the project planning process. We can assist in identifying historic resources in the project area and provide guidance on how to evaluate and avoid potential adverse effects to those resources as an outcome of the project. While protecting historic resources, this can save you time and money in the development of your project.

TYPE OF REVIEW REQUIRED/REQUESTED (Please answer both questions)

1. Does this action involve a permit approval or funding, now or ultimately from any other governmental agency?

☐ **Yes** ☐ **No** If yes, list agency name(s) and permit(s)/approval(s) ☐ **Don't Know Yet**

Agency Involved

- ☐ Section 106 ☐ Section 248 - PSB
☐ 22 VSA ☐ Other
☐ Act 250

2. Does the project site involve or is it near a property listed or recommended for listing in the Vermont State or National Registers of Historic Places? ☐ **Yes** ☐ **No** ☐ **Unknown**

ALL PROJECTS SUBMITTED FOR REVIEW SHOULD INCLUDE THE FOLLOWING MATERIALS

- ☐ **Project Description** – Attach a full description of the nature and extent of the work to be undertaken as part of this project. Relevant portions of project applications to other state and/or federal agencies and environmental statements may be submitted if applicable.
- ☐ **Location Map** - Include a map locating the project in the community. The map must clearly show street and road names surrounding the project area as well as the location of all portions of the project. Appropriate maps to include are USGS quadrangle map or google map.

- ☐ **Site Plan** – The site plan should include the project boundaries and areas of proposed excavation and construction, as applicable.
- ☐ **Project Plans** – Architectural and/or engineering plans drawings, etc.
- ☐ **Photographs** - Photographs may be scanned black-and-white prints, digital images, color prints or color photo copies; save them as either JPEGs or in a PDF format. Standard (black & white) photocopies are not accepted.

Architecture

Are there any **resource(s)** (buildings, structures such as bridges, walls, culverts, and objects), districts or landscapes within the project area? ☐ Yes ☐ No If no, please skip to the Archaeology section.

If yes, please submit the following information: To research a building click on the link to access our [Online Research Center](#)

- ☐ The resource is 50 years old or older - Approximate age(s):
- ☐ The resources(s) are listed in the State or National Register of Historic Places
 - ☐ Individually ☐ part of a historic district ☐ Unknown
- ☐ Photographs of **each** resource or streetscape within the project area, with captions, along with a photo key. (Digital photographs are accepted. All photographs must be clear, crisp and focused.)
- ☐ If the project involves rehabilitation, demolition, additions, or alterations to existing buildings or structures, provide additional photographs showing detailed project work locations. (i.e. Detail photo of windows if window replacement is proposed.)

Archaeology

Does the proposed undertaking involve ground-disturbing activity? ☐ Yes ☐ No

If yes, please submit the following information:

- ☐ Description of current and previous land use and disturbance.
- ☐ Available information concerning known or suspected archaeological resources within the project area (such as cellar holes, wells, foundations, dams, etc.)

Please note that for many projects an architectural and/or archaeological survey or other additional information may be needed to complete the review process.

CONTACT PERSON FOR PROJECT

Name & Title			
Firm/Agency			
Address			
City		State	
Phone			
email			