

Wetlands General Permit 3-9026 Registration: Stormwater Retrofits, Replacement of Failed Wastewater Systems and Replacement of Stream Crossing Structures for Public Safety, AOP, and Flood Resiliency Improvements

Under Vermont Wetland Rules Section 9

| For Wetland Permitting Use Only Project Number:   | There is no fee required for Registration submittal |  |  |  |
|---|---|--|--|--|
| <b>Public Recording:</b> To prevent a potential title encumbrance, a copy of this registration form must be recorded in the land records of |   |  |  |  |
| the municipality (or municipalities) in which the project is located.   |   |  |  |  |
| Submission of this registration constitutes notice that   | the person in Section A ir                          | ntends to impact wetland and/or buffer zone and            |  |  |
| certifies that the project will comply with Section 9 of  | the Vermont Wetland Ru                              | les. All information requested on this registration        |  |  |
| form must be provided. Refer to the General Permit (  | 03-9026 for guidance in co                          | impleting this registration application.                   |  |  |
| Limitations: The following activities are not eligible f  | or coverage under this reg                          | zistration:  |  |  |
| <ul> <li>Activities located or adjacent to bogs, fens,</li> </ul>   | vernal pools, or wetlands                           | that are significant for the Exemplary Wetland             |  |  |
| Natural Community function pursuant to §5   | .5 of the Vermont Wetlan                            | d Rules, unless DFW waives.                                |  |  |
| <ul> <li>Activities affecting wetlands significant for F</li> </ul>   | are, Threatened, or Enda                            | ngered (RTE) Species Habitat function pursuant to          |  |  |
| §5.6 of the Vermont Wetland Rules unless L  | +W waives.  | in one in violation of the Verment Wetland Pules           |  |  |
| Ohpermitted as-built projects that required   |   | in one in violation of the verhibit wetland kules.         |  |  |
| A. Parcel Information   |   |  |  |  |
| 1. Landowner's Name:  |   |  |  |  |
| 2a. Physical Address (911 address):   |   |  |  |  |
| 2b. Town - County:  |   | 2c. Zip:   |  |  |
| 3. SPAN (The School Parcel Account Number is required for your applic   | ation to be deemed complete. It                     |  |  |  |
| information from your Town Clerk)   | erty tax bill, please obtain this                   |  |  |  |
| 4. Phone:   | 5. Email:   |  |  |  |
| 6. Location of wetland & project:   |   |  |  |  |
| 7. Are there previously issued Wetland Permits assoc  | ciated with this parcel?                            | Yes No   |  |  |
| B. Permittee Contact Information  |   |  |  |  |
| 1. Name:  |   |  |  |  |
| 2a. Mailing Address:  |   |  |  |  |
| 2b. Town:   | 2c. State:  | 2d. Zip  |  |  |
| 3. Phone:   | 4. Email:   |  |  |  |
| <b>C. Activity Type(s)</b> : List activity type(s) from the   | table in section G on th                            | e backside of this page.                                   |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
| D. Project Description: Describe the project. See   | the backside of this reg                            | istration for <b>eligible activities and required Best</b> |  |  |
| Management Practices. Please attach site pla  | n with form submitta                                | <u>I.</u>  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
| <b>F</b> Importer May be actimated  |   |  |  |  |
| Wotland impact:   | Buffor import                                       | cause foot (cf)  |  |  |
| E Bronosod Work Dates:  | Builder impact:                                     | square reet (SI)   |  |  |
| r. rioposeu work Dales:   |   |  |  |  |
| Start. FINISN:  |   |  |  |  |

| Eligible Activities: See the VT General Permit 3-9026 for full list and details.   |  |  |  |   |  |
|--|--|--|--|---|--|
| Activity Type  | Max Natural Wetland<br>or Buffer Impact<br>(Square Feet)                               | Max Managed<br>Wetland Impact<br>(Square Feet)                                       | Max Managed<br>Buffer Impact<br>(Square Feet)                      | Total Maximum<br>Impact (Square<br>Feet)                              |  |
| IV(b) Retrofit of Stormwater<br>Treatment Practice Projects  | 500  | 2,000  | 5,000  | 5,000   |  |
| IV(c)(i) Stream crossing structure<br>replacement expansion of existing<br>structure and;                                | 1,000  | 1,000  | 1,000  | 5,000sqft per IV(c)<br>project, with no<br>greater than               |  |
| IV(c)(ii) Temporary Reroutes for travel<br>and construction access for Stream<br>Crossing Structure                      | 5,000  | 5,000  | 5,000  | 1,000sqft total for<br>permanent<br>structure                         |  |
| IV(d) Replacement of Failed<br>Wastewater System   | 0  | 0  | 5,000  | 5,000   |  |
| Best Management Practices and General Conditions Required for All Eligible Activities: See the VT General Permit 03-9026 |  |  |  |   |  |
| for full list.   |  |  |  |   |  |
| <ul> <li>Steps shall be taken to prevent<br/>promote re-vegetation followi<br/>to beginning any earthwork fo</li> </ul>  | t the transport of sedimen<br>ng the completion of work<br>r the project. Disturbed so | t and erosion into any we<br>c. Erosion control and cor<br>ils shall be seeded and m | etland or other surfanstruction fencing sh<br>nulched within 48 ho | ace water and to<br>hall be installed prior<br>hurs of final grading. |  |

• Impacts from equipment access to the project site shall be limited by utilizing existing or low impact routes.

G. Activities must be designed and constructed to avoid and minimize impacts, both temporary and permanent, to wetlands, buffers and wetland functions and values to the maximum extent practicable at the project site. Describe (may refer to attached checklist)

## **H. Landowner Certification**

As the PERMITTEE, I hereby certify that the statements presented on this application are true and accurate and recognize that by signing this application, I agree to complete all aspects of the project as authorized. I understand that failure to comply with the foregoing may result in violation of the Vermont Wetland Rules, §9, and the Vermont Agency of Natural Resources may bring an enforcement action for violations of the Rules pursuant to 10 V.S.A. Chapter 37.

Permittee Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Submit this registration form and site plan to:

ANR.WSMDWetlands@vermont.gov

Or

Vermont Department of Environmental Conservation Watershed Management Division Wetlands Program 1 National Life Drive, Main 2 Montpelier, VT 05620-3522

Note: There are no fees or notice period associated with this registration. Once the registration is received and reviewed for completeness you will receive a confirmation email.

For additional information visit: <u>http://dec.vermont.gov/watershed</u>

These checklists provide examples of how to accomplish avoidance and minimization during site analysis, project design, and construction across the various project types potentially eligible for coverage under Wetland General Permit 3-9026. The intent is to help people meet the requirements of the general permit by avoiding and minimizing impacts to wetlands and buffer zones as much as possible before starting work within a wetland. If a criteria has been checked "no", but may still be applicable to your project, provide justification for why it cannot be implemented. *This checklist does not replace the conditions of General Permit Section VIII "Required Best Management Practices."* 

|     | Avoidance |     |  |  |
|-----|-----------|-----|--|--|
| Yes | No        | N/A | General Project Design:  |  |
|     |           | ,,. | Have you implemented the following design aspects to avoid impacts?                        |  |
|     |           |     | Position infrastructure on the lot to avoid impacts.                                       |  |
|     |           |     | Cluster multiple structures or share paths/drives.   |  |
|     |           |     | Redevelop existing disturbed areas.  |  |
|     |           |     | Shift or realign other project elements avoid impacts from the proposed structure.         |  |
|     |           |     | Realign road or utility corridors to avoid wetlands and their buffers.                     |  |
|     |           |     | Request municipal setback variances or easements from neighbors if it helps avoid impacts. |  |
|     |           |     | Consolidate above and below ground utilities and route them around wetlands.               |  |
|     |           |     | Avoid grading by incorporating natural topography into the site design.                    |  |
|     |           |     | Design project with consideration of existing vegetation to avoid clearing.                |  |
|     |           |     | Reduce or shift structure footprints by using innovative or non-traditional design.        |  |
|     |           |     | Write in:  |  |
|     |           |     | Write in:  |  |

Avoidance notes:

|     | Minimization |         |  |
|-----|--------------|---------|--|
|     | Not          | e: Most | t techniques in the avoidance checklist above can also be used to minimize impacts.    |
| Vac | No           | N/A     | Project Design:  |
| res |              |         | Have you implemented the following design aspects to avoid impacts?                    |
|     |              |         | Cross wetlands and buffers at their narrowest point and limit the number of crossings. |
|     |              |         | Keep wetland and buffer crossing widths to the minimum necessary.                      |
|     |              |         | Reduce fills and road shoulders by keeping profile low and close to the native ground. |
|     |              |         | Avoid impacting higher-quality wetlands first if there are multiple wetlands on site.  |
|     |              |         | Size culverts correctly for best hydrologic connectivity.                              |
|     |              |         | Avoid invasive plant species introduction either by direct planting as landscaping,    |
|     |              |         | transported by mulch/hay or through construction methods.                              |
|     |              |         | Protect the wetland and buffer zone from adjacent land uses or unwanted access with    |
|     |              |         | fences or other visual/physical barriers.  |
|     |              |         | Write in:  |
|     |              |         | Write in:  |

|       |          |        | Construction Techniques  |    |    |     |  |
|-------|----------|--------|--|----|----|-----|--|
| Yes   | No       | N/A    | Have you implemented these construction techniques where appropriate in order to                 |    |    |     |  |
|       |          |        | minimize impacts?  |    |    |     |  |
|       |          |        | Clearly mark limits of construction on plans and in the field. Maintain signs/flagging of limits |    |    |     |  |
|       |          |        | and adjacent wetlands for the life of the construction.  |    |    |     |  |
|       |          |        | Keep construction staging and stockpiling of materials out of wetlands and their buffers         |    |    |     |  |
|       |          |        | Restrict site machinery to as few areas as possible and use low ground pressure equipment        |    |    |     |  |
|       |          |        | to reduce soil compaction and rutting.   |    |    |     |  |
|       |          |        | Assess site conditions during construction and adjust accordingly. If the work you are           |    |    |     |  |
|       |          |        | performing is causing ruts or excessive disturbance due to soil saturation, methodology or       |    |    |     |  |
|       |          |        | the equipment you are using STOP WORK and come up with a better approach. This can               |    |    |     |  |
|       |          |        | mean waiting until the site dries out, changing equipment, or using mats.                        |    |    |     |  |
|       |          |        | Clean equipment brought from other sites away from the wetland and its buffer so that            |    |    |     |  |
|       |          |        | invasive plants and animals are not introduced into the work site.                               |    |    |     |  |
|       |          |        | Use clean fill materials so invasive plants and animals are not introduced into the project      |    |    |     |  |
|       |          |        | site.  |    |    |     |  |
|       |          |        | Use seed-free mulch materials such as straw to prevent invasive plant introduction.              |    |    |     |  |
|       |          |        | If temporary fill must be used for access or other construction purposes, make removal           |    |    |     |  |
|       |          |        | easier by placing geotextile fabric or geogrid below the fill.                                   |    |    |     |  |
| Voc   | No       |        | Construction Timing:   |    |    |     |  |
| ies   |          | NO     | NO   | NO | NU | N/A | Have you taken this information into consideration in your planning process? |
|       |          |        | Construct the project during dry or frozen conditions to reduce impacts.                         |    |    |     |  |
|       |          |        | Pay attention to timing restrictions on in-water work (i.e. fish windows) or potential impacts   |    |    |     |  |
|       |          |        | to special-status species (i.e. breeding or migration).  |    |    |     |  |
|       |          |        | Install plantings in the appropriate season.   |    |    |     |  |
| Minim | nization | Notes: |  |    |    |     |  |

|       | Project Type Specific Avoidance and Minimization |     |  |  |
|-------|--|-----|--|--|
| Vac   | Na   |     | Retrofit of Stormwater Treatment Practices:  |  |
| res   | NO   | N/A | Have you taken this information into consideration in your planning process?                   |  |
|       |  |     | Design stormwater facilities to use disconnects and infiltration where feasible.               |  |
|       |  |     | Adequately backfill trenches so as not to alter above or below grade hydrology.                |  |
|       |  |     | Stormwater management practices should strive to utilize the natural drainage system and       |  |
|       |  |     | require as little maintenance as possible.   |  |
|       |  |     | Replace side cast material in the same order it was removed to maintain integrity of the soil. |  |
|       |  |     | Expand structures into uplands rather than wetlands if footprint must be increased.            |  |
|       |  |     | Avoid redirection of water to or from an existing wetland/buffer.                              |  |
|       |  |     | Cluster multiple structures or share paths/drives.   |  |
|       |  |     | Realign road or utility corridors to avoid wetlands and their buffers.                         |  |
|       |  |     | Structural stormwater controls should be implemented in concert with conservation site         |  |
|       |  |     | design and nonstructural options.  |  |
| Retro | ofit Not   | es: |  |  |

| Voc   | No                     |      | Stream Crossing Structure Replacement  |  |
|-------|------------------------|------|--|--|
| res   |                        | IN/A | Have you taken this information into consideration in your planning process?                     |  |
|       |                        |      | Do not mix, test, store, or dispose of concrete within a wetland or its buffer.                  |  |
|       |                        |      | Use removable crane mats instead of building construction pads.                                  |  |
|       |                        |      | Remove bridge pilings or cut two feet below the soil surface and backfill with native soil.      |  |
|       |                        |      | If movable equipment must be in the wetland or buffer, do not leave it there overnight.          |  |
|       |                        |      | Do not store fuel or refuel movable equipment in a wetland or its buffer. When refueling         |  |
|       |                        |      | equipment that is not readily movable (i.e. cranes), follow BMPs for temporary spill prevention, |  |
|       |                        |      | control, and containment.  |  |
|       |                        |      | Limit access drives and reroutes to temporary structures.  |  |
| Strea | Stream Crossing Notes: |      |  |  |
|       |                        |      |  |  |
|       |                        |      |  |  |
|       |                        |      |  |  |

| Vaa  | No    | N/A     | Replacement of Failed Wastewater Systems   |
|------|-------|---------|--|
| res  |       |         | Have you taken this information into consideration in your planning process?                   |
|      |       |         | Adequately backfill trenches so as not to alter above or below grade hydrology.                |
|      |       |         | Replace side cast material in the same order it was removed to maintain integrity of the soil. |
|      |       |         | Protect the wetland and buffer zone from adjacent land uses or unwanted access with signs      |
|      |       |         | and fences.  |
|      |       |         | Limit access drives to temporary structures.   |
|      |       |         | Locate disposal area as far from wetland as possible.  |
| Wast | ewate | r Notes | 5:   |
|      |       |         |  |
|      |       |         |  |

Should any project proponent be uncertain with regard to the interpretation of, application of, or compliance with the provisions of this General Permit, the project proponent should engage the services of a qualified consultant or contact a Department of Environmental Conservation Wetlands Ecologist. Department contact information is located at: <u>http://dec.vermont.gov/watershed/wetlands/contact</u>