J. A. McDONALD, INC.

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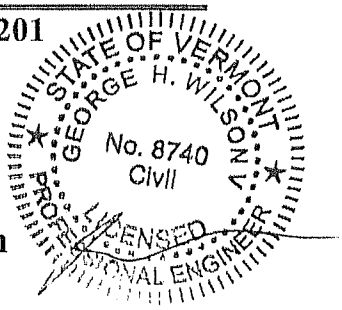

IRASBURG STP CULV(30)
Erosion Prevention & Sediment Control Plan

J.A. McDonald, Inc. has reviewed the contract Erosion Prevention and Sediment Control Plans included in the contract documents, and accepts them as our EPSC documents for this project with the following additions/clarifications.

Sequence and Staging

Construction Sequence

The construction sequence for this project is reflected in the project's construction schedule attached and is outlined in the Contract Documents. Any changes in the general sequence will be coordinated through the Resident Engineer.

1. During the mobilization process, and before any earth disturbance commences, the perimeter demarcation and perimeter controls will be installed as outlined in the EPSC Plans.
2. Throughout the construction process, and until final stabilization is achieved as agreed to by the Resident Engineer and the On-Site Plan Coordinator, the perimeter controls will be properly maintained.
3. Construction entrances will be constructed and maintained as necessary throughout the construction process as field determined by the On-site Plan Coordinator and the Resident Engineer, to prevent tracking of soils onto adjacent travel way.
4. Exposed soils will be stabilized as work progresses, in accordance with The Low Risk Site Handbook and contract documents. Temporary stabilization measures will be maintained until final stabilization is achieved as mutually agreed to between the Resident Engineer and the On-Site Plan Coordinator.
5. Our schedule shows the anticipated dates for all in-stream work. Materials necessary to perform the work will be readily available, or on site before the work begins.
6. By-pass pumping of the stream and excavation dewatering, to allow for excavation and box culvert installation in the "dry" is shown on the Temporary Stream Relocation/Dewatering Plan.
7. All temporary stabilization measures will be maintained until final stabilization is achieved, at which point temporary EPSC measures will be removed.

Off-Site Activities

Off site activities such as laydown areas, waste and borrow areas will be submitted on, at a later date.

Updates

Should field conditions warrant a change to the EPSC plans, they will be updated to reflect the changes. A master EPSC plan set with revisions will be maintained on site for the duration of the project.

Contact Information

John Lynch will be the On-Site Plan Coordinator and the primary contact for all erosion prevention, sediment control and environmental activities. His primary contact information is 802-751-9160

This plan was prepared by Marc Boudreau of J.A. McDonald, Inc. and Joey Wilson, P.E. of Wilson Consulting Engineers, PLC whose qualifications are attached for your review. Joey's primary contact information is 802-472-3960

Schedule

The project construction schedule is attached for your review.

Inspection Form

J.A. McDonald will utilize the attached VT AOT EPSC Plan Inspection Report for Low Risk Projects.

Other

All permit requirements under the original risk assessment will be strictly adhered to for this project.

Vermont Agency of Transportation	2015 EPSC Plan Inspection Report	(Non-Jurisdictional and Low Risk Projects)
Project Name:	**Date:**	**Time Since Last Storm:**
Inspector:	**On-Site Coordinator:** (signature required)	

Measure Inspected	Y	N	STA/Off	Corrective Action (CA) Required	Date CA Occurred
Boundary Limits					
Site boundary markers are up and visible					
Disturbance is only occurring within marked boundaries					
Disturbance Area Limit					
Only acreage listed on *Authorization to Discharge* is disturbed at one time					
Stabilized Construction Entrance/Exit					
Off site tracking of sediment prevented					
Sediment Barriers					
Measure has been installed properly and is functioning as designed					
Accumulated sediment < ½ height of measure					
Diversion					
Upland stormwater is diverted around the work area					
Channelized Runoff					
Check structures are in place, extend the width of the channel, and have capacity to retain sediment in the next storm event					
Channels are stable with no erosion					
Exposed Soils Stabilization					
Seed and mulch, and/or matting placed in accordance w/ permit requirements and/or Specifications					
Soil is seeded and mulched or covered in erosion matting within 48 hours of final grade					
Winter Stabilization					
After Sept. 15 all disturbed areas are seeded & mulched to 3" deep or covered w/ matting					
For ongoing construction, exposed soil is mulched prior to forecasted events					
Dewatering Treatment					
Measure is preventing a discharge of turbid water from leaving the site					
Accumulated sediment is removed to allow sufficient treatment					

* Additional Measures and Discharges shall be reported on the back side of this form.

Vermont Agency of Transportation	EPSC Plan Inspection Report (Non-Jurisdictional and Low Risk Projects)				
Measure Inspected	**Y**	**N**	**STA/Off**	**Corrective Action**	**Date Taken**
Additional Measures					
Discharges Noted					

* If there is a discharge of visibly discolored stormwater from the construction site to waters of the state, the On-Site Plan Coordinator shall inform the Resident Engineer and take corrective action and report the discharge in accordance with Section 6.1 of Permit 3-9020.

Joey Wilson P.E.

EPSC Plan Preparer Qualifications:

Vermont AOT Relevant Experience

- VT AOT Project Bristol STP F 021-1(15) – Prepared Contractor EPSC Plans & Traffic Control Plans, 2013.
- VT AOT Project Brighton ER STP 034-3(25) – Prepared Contractor EPSC Plans & Traffic Control Plans, 2013.
- VT AOT Project Essex Town STP 5400 (5) – Prepared Contractor EPSC Plans including staging and waste areas, 2013.
- VT AOT Project Maidstone STP 0271(20) – Prepared Contractor EPSC Plans, 2013
- VT AOT Project Hubbardton ER STP 0161 (26) (27) – Prepared Contractor EPSC Plans, 2012
- VT AOT Project Montpelier FEGC 028-3(34)5 – On-site Plan Coordinator & Proj Manager, 2009
- VT AOT Project Brandon NH019-3(495) - Prepared Contractor EPSC Plans & Traffic Control Plans, 2009

Other Relevant Experience

- Environmental Specialist for the Kingdom Community Wind Farm in Lowell, VT, 2011-Present
  On-site representative/specialist for the Vermont Department of Environmental Conservation and Army Corps of Engineers. Worked to ensure permit compliance, and made EPSC Plan modifications as field conditions warranted . Representation and oversight of all environmental and civil construction activities.
  The development was inclusive of a 63 megawatt, 21 turbine wind farm. Supporting construction included an operations and maintenance building, a new substation, 7.1 miles of roadway and turbine pads with a cut to fill balance of nearly 600,000 cy of rock excavation and 150,000 cy of earth excavation.

- Project Manager, West Street Reconstruction and Stream Relocation Project Brookfield, Vermont
  Project Manager for the reconstruction of West Street and adjoining stream through Randolph, Brookfield, and Braintree, Vermont. Responsible for all on-site operations, including Erosion Protection and Sediment Control, bypass pumping operations to perform excavation work in the active stream, and day-to-day construction operations. Worked with the Owner and the Agency of Natural Resources to ensure permit compliance was being met. Brought the project to completion in 12 weeks.

- Project Engineer/Resident Engineer, Stowe Mountain Resort Infrastructure Package, Stowe, VT
  Responsible for the site-specific construction stormwater permit, and on-site permit compliance. Coordination between the owner, contractor, and the Agency of Natural Resources. Additional design responsibilities included permitting and sizing of utilities inclusive of stormwater, sanitary sewer, and water supply.

Education

- University of Vermont, Bachelor of Science, Civil Engineering, Magna Cum Laude - 2002
- Vermont Technical College, AS Civil and Environmental Engineering Technology - 1999