

Vermont Department of Environmental Conservation

Watershed Management Division

Rutland Regional Office

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Rutland, VT 05701-5903

Agency of Natural Resources<http://dec.vermont.gov/watershed>

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AUTHORIZATION TO CONDUCT STREAM ALTERATION ACTIVITIES

Pursuant to Section C.2.2 of the VT Stream Alteration General Permit (Reporting activities not requiring an application)

Project Number: **SA-07-015-2016**Watercourse: **Unnamed Tributary**Applicant Name: **Mike McArdle**Email: **mike.mcardle@vermont.gov**Mailing Address: **BGS 2 Governor Aiken Avenue Montpelier, VT 05633**Phone: **802-272-4828**Project Location: **BGS State Office Building off Rte 7 in Bennington**Lat/Lon: **N 42.8888 / W 73.1980**

The Secretary of the Vermont Agency of Natural Resources (VT ANR) has determined that:

1. This project authorizes under **Section C.2.2.1, the installation of geothermal supply pipes across a perennial stream involving excavation of the stream bed and banks; instream material to be returned to the channel and bed slope to match existing slope. Riprap armoring may be installed above the disturbed stream banks.**
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit (SAGP).
3. The proposed activity will meet the terms and conditions of the General Permit provided:
 - a) The project will be completed **as shown on directional drilling site plan dated March 2016, as shown on sketch of bypass plan prepared by MSK Engineering** and as approved by the Vermont Agency of Natural Resources.
 - b) The project will not adversely affect the public safety by increasing flood hazards.
 - c) The project will not significantly damage fish life or wildlife.
 - d) The project will not significantly damage the rights of riparian owners.
 - e) The project will not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.
 - f) The project is conducted in a manner which minimizes or avoids any discharge of sediment or other pollutants to surface waters in violation of the VT Water Quality Standards.
 - g) The ANR River Management Engineer is notified by phone or email when construction begins and is completed.
 - h) **Normal in-stream Time of Year (TOY) working dates for all SAGP activities are from July 1st through October 1st, the applicant is authorized to conduct crossing activities prior to July 1 provided all stream flows are bypassed.**
 - i) This authorization has been posted for three days public comment. This authorization constitutes final approval.

Additional Conditions: Onsite preconstruction meeting is required prior to commencement of any instream work activities.

If there are any changes in the project plan or deviation in construction from the approved plans, Permittee must notify the ANR River Management Engineer immediately via phone (802) 490-6163 or email joshua.carvajal@vermont.gov

If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

Signed this 12th day of May, 2016

Alyssa B. Schuren, Commissioner

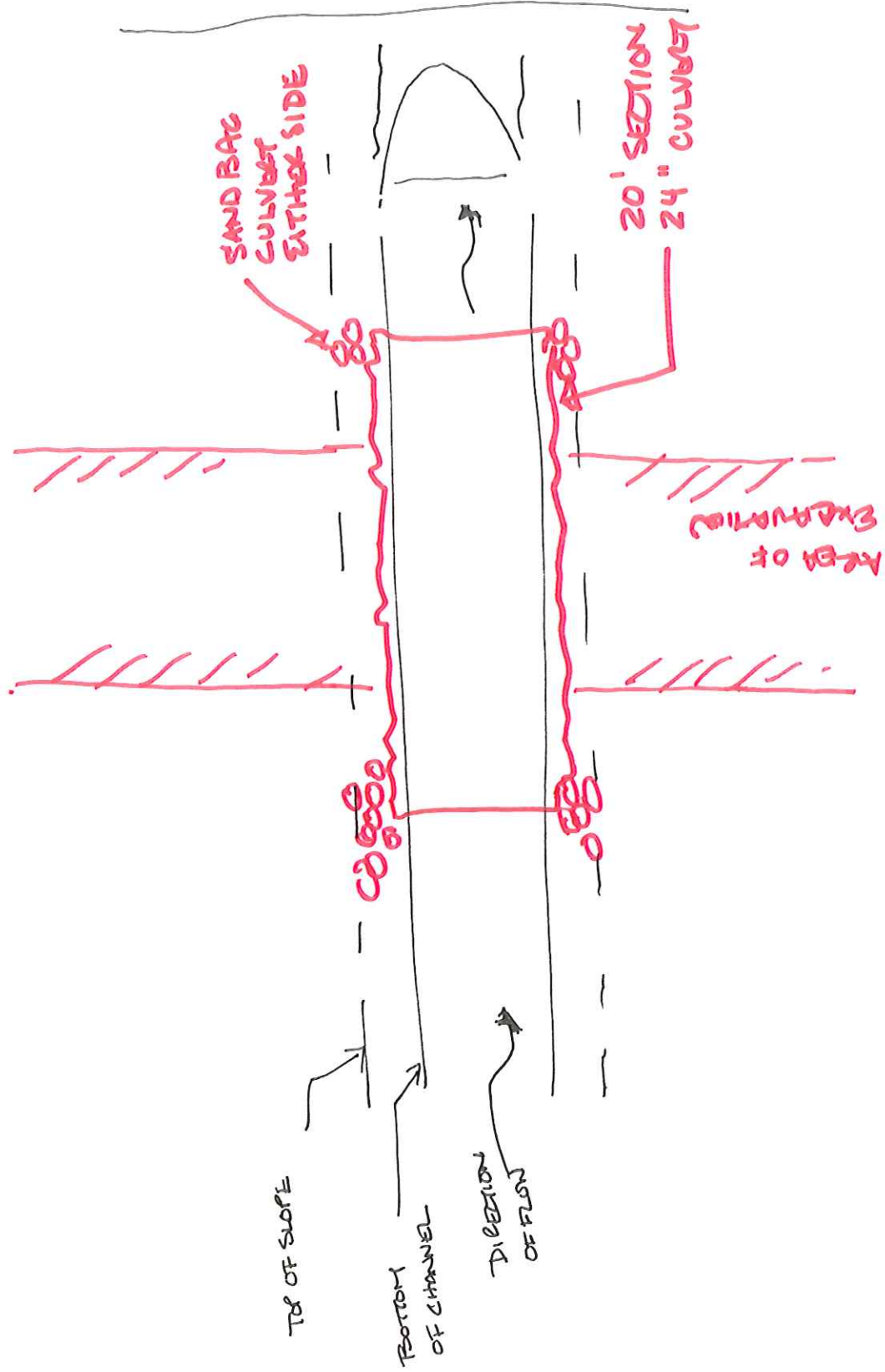
Department of Environmental Conservation

This permit expires on October 1, 2016.by: 

Josh Carvajal, P.E. CFM, River Management Engineer

SEQUENCE: SURFACE BYPASS

1. PLACE CULVERT IN STREAM & DIBED WATER THROUGH
2. SAND BAG UPSTREAM & DOWN TO GET FULL DIVERSION
3. DEWATER TRENCH IN FIELD BASIN A MANNER DISCONNECTED FROM THE STREAM
4. ~~REPAIR~~ COORDINATE W/ STREAM MAINTENANCE ENGINEER FOR STREAM BED & BANK RESTORATION AT CONCLUSION OF PROJECT.



RAVED DRIVE