

Municipal Roads General Permit (MRGP) Closed Drainage Roads Road Erosion Inventory (REI) Supplement

2024 Field Season Survey123 Form

Use: For the assessment of Vermont DEC Municipal Roads General Permit standards for Closed Drainage Roads. For additional MRGP information see the VT DEC MRGP website (link below). For hybrid paved roads, such as paved with ditches and catch basins, use the Open Drainage inventory template.

<http://dec.vermont.gov/watershed/stormwater/permit-information-applications-fees/municipal-roads-program>

For additional information regarding the ESRI Field Maps and Survey123 applications visit the link below:

<http://vtanr.maps.arcgis.com/home/item.html?id=fe11c5ffd0d04eeca968115d84dacf90>

Assessor Notes: All hydrologically-connected municipal outlets depicted on the ANR Natural Resources Atlas (<https://anrmaps.vermont.gov/websites/anra5/>) at the time of that the REI is conducted shall be field visited and evaluated using the DEC REI template. Additionally, the applicant may propose to add or remove outlets from its REI based on an evaluation of hydrologic connectivity.

Field Maps - Field Form Questions (* indicates required fields):

1. **Name***
2. **Organization***
3. **Date of Assessment**
4. **Municipality***
5. **Outlet ID** (auto populated)
6. **Outlet Status***

Hydro-connected town outlet	Town outlet not hydro-connected	Non-jurisdictional outlet	Unable to locate	Not accessible
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Evaluation Criteria: Municipal outlet is within 500' of a water of the State or wetland.

Not accessible reason*

Barrier to access	No municipal access easement	Safety concern	Acquisition of state or federal permits required	Other (please describe)
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7. Assess Reason*

Reassessment	Work Completed	Storm Damage	DEC Staff Assessment
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Primary funding for work completed*

Grant-In-Aid Program	Better Roads Grant	Town Funding	Other
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8. Photo (optional)

9. Culvert Diameter* (in inches)

10. Does outlet discharge directly into water?*

Yes	No
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Assessor Notes: Answer yes if stormwater from the outlet discharges directly into water.

11. Erosion type present*

Gully Erosion: Depth 12"+	Rill Erosion: Depth 1" to <12"	Sheet Flow/None: Depth < 1"
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Erosion Measurements* (if erosion is present)

Length (ft)	Width (ft)	Average Depth (ft)	Total Cubic Yards (auto-calculated)
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12. Is there evidence of sedimentation into a water resource from the outlet?*

Assessor Notes: This question was designed to prioritize non-compliant outlets with the greatest impact to water quality for implementation. Answering "yes" will automatically make the outlet status 'Does Not Meet' and 'Very High' Priority.

Evaluation Criteria:

- There is clear causality between the outlet erosion and the discharge of sediment to a water of the State. There may be erosion without sedimentation to a water resource.
- Sedimentation appears as visible turbidity (cloudiness) in the water or accumulation of sediment in a water of the State.
- Sedimentation is the result of non-compliance with an MRGP standard.
- There is a significant sediment source, likely associated with gully erosion or a long stretch of rill erosion.



13. Recommended Treatments (optional)

Stone lining	Stone apron	Stone header	Check dams	Green infrastructure
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14. Assessment Notes (optional)