

ACT 64 AND TRANSPORTATION

Cap on phosphorus levels in Lake Champlain

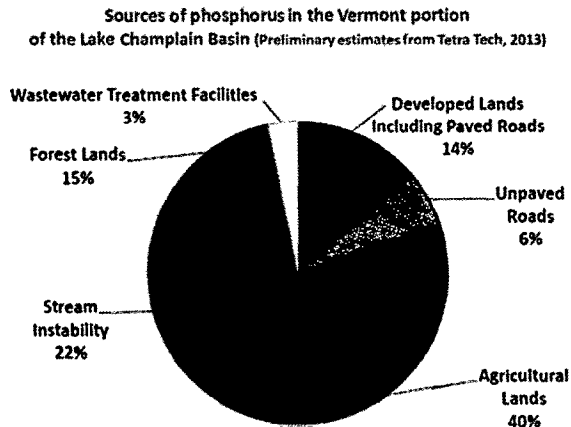
The Environmental Protection Agency has developed a Total Maximum Daily Load (TDML) that sets a cap on the amount of phosphorus that is allowed to enter Lake Champlain. Excess phosphorus is a main contributor to blue-green algae blooms that impair the lake's water quality.

Pictured: Blue-green algae bloom in Lake Champlain



Transportation infrastructure and phosphorus

Developed lands, wastewater treatment facilities, agriculture, unstable stream banks, and forestland all contribute to phosphorus loading. State and municipal roadways and other transportation infrastructure constitute a considerable portion of pollution from developed lands.



Act 64 and municipal roads

In response to the TDML phosphorus loading allocations, the Vermont legislature passed Act 64, the Vermont Clean Water Initiative, which creates a new permit process for municipalities aimed at addressing stormwater run-off from roadways, both paved and unpaved. The Vermont Department of Conservation (DEC) and VTrans are developing new financial and technical assistance programs to aid municipalities in their efforts to comply with this new mandate.

VTRANS LENDING A HAND TO MUNICIPALITIES

DEC Municipal Roads General Permit

Under the DEC Municipal Roads General Permit (DEC MRGP), municipalities must implement a customized, multi-year municipal stormwater management plan. Strategies may include:

- ▶ inventorying roadways and identifying connections to surface waters;
- ▶ implementing solutions such as stone-lined and U-shaped ditches, turnouts, check dams, road crowning, and grass-lined drainage ditches;
- ▶ upgrading drainage culverts and stabilizing culvert outlets where erosion is present.



Pictured: Stone-lined ditch

Technical and financial assistance from VTrans and DEC

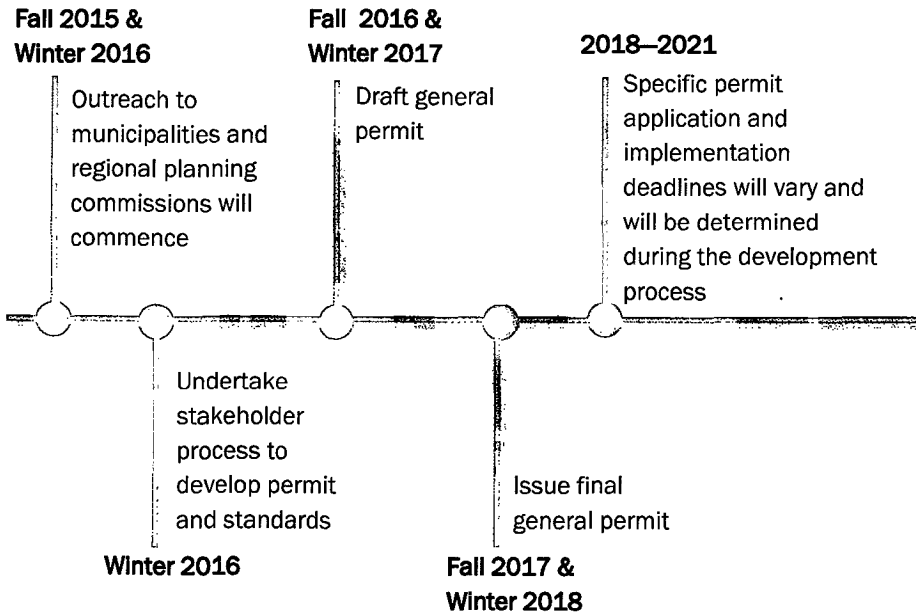
VTrans, DEC scientists and regulators, and regional planning commissions will be available to help municipalities understand the requirements and implement their stormwater management plans.

VTrans will continue to provide funding and technical assistance through the Municipal Mitigation Grant Program, which includes the Vermont Better Roads Program (formerly Vermont Better Back Roads), and the Transportation Alternatives Program—all growing sources of funding for developing and implementing municipal stormwater plans. Managing stormwater protects roadways from deterioration and makes our natural and built environment more resilient to future flood events, thus saving taxpayer dollars.

Once the permit is in effect, municipalities will be given a 20-year implementation schedule that is prioritized based on the greatest water quality benefit and the road stormwater management plan. VTrans Regional Maintenance Districts will be available to help provide direct technical assistance to municipalities. The VT Local Roads Program will provide training and other resources starting in 2016.

Jim Ryan
2/18/16

DEC Municipal Roadway General Permit Timeline



Vermont's Clean Water Act and Municipal Transportation



How/Act 64, the 2015 law to improve water quality, will affect municipal roadways

Contact Information

DEC Municipal Roads General Permit

Regulatory process and requirement questions

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Vermont Back Roads

General Information and application instructions

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Transportation Alternatives Program

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Vtrans District Offices

vtransoperations.vermont.gov/maintenance_districts

Regional Planning Commissions

<http://www.vapda.org/>

