

Calumet County
Pollution Prevention
Section 2.6 WPDES Permit No. WI-S050075-1
Permit Start Date October 13, 2006
August 2008

This document describes the Calumet County Pollution Prevention Program as required in the Phase II Stormwater Permit from the Wisconsin Department of Natural Resources (WDNR). The program includes specific procedures intended to prevent pollution from Calumet County operations.

One copy of this document will be kept in the Calumet County Highway Office located at 241 E. Chestnut Street, Chilton, Wisconsin 53014-1554. All questions regarding this document should be directed to Michael Ottery, Commissioner, Calumet County Highway Department, at the above address or (920)-849-1434.

All costs associated with this program are funded through the Calumet County Highway Department.

2.6 Pollution Prevention – A program that establishes measurable goals for pollution prevention.

2.6.1 Routine inspection and maintenance of municipally owned structural and non-structural stormwater management facilities to maintain their pollution removal operating efficiency.

This section is the responsibility of Calumet County through the Calumet County Highway Department. The County is currently responsible for numerous storm sewers, ditches and ravines on the County Trunk Highway System and within its right-of-way.

Activities for work within County Trunk Highway right-of-way(s) are guided by the adopted "Wisconsin County Highway Associations (WCHA) Utility Accommodation Policy". This policy is on file at the Calumet County Highway Department, located at 214 E. Chestnut Street, Chilton, Wisconsin 53014-1554. Highway Department staff periodically inspects open ditches and ravines for erosion problems and other damage as well as storm sewers for structural problems.

A prioritized list is maintained by Calumet County Highway Department that shows all needed repairs of ditches, ravines and storm sewers. County staff performs most of the maintenance activities on drainage facilities.

Calumet County Highway Department removes sediment from ditches and ravines within the right-of-way on an as needed basis along County Trunk Highways. Vegetation is replanted and erosion control is installed as necessary on projects.

The Calumet County Highway Department staff periodically checks storm sewer inlets and removes sediment on an as needed basis.

The Calumet County Highway Department also cleans and televises the storm sewer system as necessary after warranted inspection(s) to ensure pipe integrity and monitor for improper connections.

2.6.2 Routine Street Sweeping and cleaning of catch basins with sumps where appropriate.

This section is the responsibility of the Calumet County Highway Department. Calumet County does not have catch basins (street inlets with sumps).

The Calumet County Highway Department does not own any mechanical "pick-up" collection sweepers. The Highway Department utilizes the services of Outagamie County and the City of Appleton for street sweeping purposes. The City of Appleton sweeps County Trunk Highway AP every 4 weeks (March 29 – November 25) with a mechanical sweeper. Outagamie County sweeps Calumet County Trunk Highways KK, LP and N three times per year with a high efficiency vacuum sweeper. In the future County may consider investing in a collection type mechanical street sweeper as more urban roadways are constructed with curb, gutter and storm sewer.

All sweeping is subject to weather conditions and availability of staff and equipment.

2.6.3 Proper disposal of street sweeping and catch basin cleaning waste.

This section is the responsibility of the Calumet County Highway Department.

Street sweeping and storm sewer cleaning waste is currently disposed of at the Outagamie County landfill. Alternative methods of disposal may be evaluated to reduce the cost associated with tipping fees.

2.6.4 If road salt or other deicers are applied by the permittee, no more shall be applied than necessary to maintain public safety.

This section is the responsibility of the Calumet County Highway Department.

The Calumet County Highway Department follows a "Winter Maintenance Policy" on all designated County Trunk Highways as outlined in the Wisconsin Department of Highways State Maintenance Manual. This winter policy does not commit to bare pavement, establishes proper use of chemicals, establishes a guideline of a rate not to exceed 0.15 tons (300 lbs.) of salt per lane mile on County Trunk Highways. The equipment used to apply salt is kept in good working condition and calibrated at the beginning and periodically during the winter season.

County Highway Department Supervisors and staff are trained yearly in early fall before winter operations commence and once again in the spring to evaluate outcomes the winter season.

The Calumet County Highway Department presently maintains two salt sheds at the Chilton Highway facility and two at the Sherwood facility. All salt is placed in a covered building on an impermeable base to prevent dissolved chlorides from leaching into the groundwater or stormwater. Inspections are provided yearly by the State of Wisconsin. Highway Staff maintains positive good house keeping procedures daily at all of the listed salt shed locations.

2.6.5 Proper management of leaves and grass clippings, which may include on-site beneficial reuse as opposed to collection.

The Calumet County Highway Department uses mulching mowers on public terraces.

Calumet County does not have a County maintained facility for the collection of leaves, grass clippings or brush. This is the responsibility of the City, Village, or Town to maintain for residents who reside within their corporate limits.

2.6.6 Stormwater pollution prevention planning for municipal garages, storage areas, and other sources of stormwater pollution from municipal facilities.

Calumet County does not have any municipal garages, storage areas or other sources of stormwater pollution from municipal facilities within the urbanized area of Calumet County. The Sherwood Highway Facility will be re-evaluated if the Village of Sherwood is required to obtain a WPDES storm water permit through the DNR.

2.6.7 Application of lawn and garden fertilizers on municipally controlled properties, with pervious surfaces over 5 acres each, in accordance with site-specific nutrient application schedule based on appropriate soil tests.

Calumet County does not apply lawn and garden fertilizers on any municipally controlled properties within the County.

2.6.8 Education of appropriate municipal and other personnel involved in implementing this program.

For all the activities outlined in the pollution prevention plan, training will be incorporated into the existing training programs of the Calumet County Highway Department that are conducted bi-annually in the fall and spring of each respective year. Additionally, training programs will include detection of illicit discharges.

2.6.9 Measures to reduce municipal sources of stormwater contamination within source water protection areas.

Portions of the County's MS4 discharge Lake Winnebago. The County will continue current practices within known source water protection areas. Additional BMPs may be used if greater TSS reduction goals of future TMDL allocations need to be met.