

**Appendix J: Post-Construction
Resolution
for the
CHARTER TOWNSHIP OF LANSING**



REVISED: November 2014

RESOLUTION 14-23

At a regular meeting of the Township Board of the Charter Township of Lansing, Ingham County, Michigan, held in the Administration Building, 3209 West Michigan Avenue, Lansing, Michigan, on Tuesday, the 5th day of November 2014, at 7:00 o'clock, p.m.

Present: K. Rodgers, Aten, Harris, Broughton, Donald
Absent: L. Rodgers, Hayes


The following resolution was offered by Board Member Aten and supported by Board Member Broughton.

WHEREAS, the Michigan Department of Environmental Quality requires that all local units of government have a Stormwater Management Policy, and

WHEREAS, this Policy must be submitted with our MS4 Permit Application

NOW, THEREFORE, BE IT RESOLVED THAT, The Charter Township of Lansing Board of Trustees adopts the Stormwater Management Policy as required by the Michigan Department of Environmental Quality. (On file in the Clerk's office)

Yeas Harris, Broughton, Aten, Donald, K. Rodgers
Nays: None
Absent: L. Rodgers, Hayes
Resolution adopted



Susan L. Aten, Township Clerk

The undersigned duly qualified and acting Township Clerk of the Charter Township of Lansing, Ingham County, Michigan, hereby certifies that the foregoing is a true and complete copy of a resolution adopted by the Township Board at a regular meeting held on November 5, 2014, the original of which is a part of the Board's minutes and further certifies that notice of the meeting was given to the public pursuant to the provisions of the Open Meetings Act, 1976 PA 267, as amended.

IN WITNESS WHEREOF, I have hereby affixed by official signature this 10th day of November, 2014.



Susan L. Aten, Township Clerk

CHARTER TOWNSHIP OF LANSING STORMWATER MANAGEMENT POLICY

1. SUBJECT

Policy for compliance with the Township National Pollutant Discharge Elimination System (NPDES) Permit requirement for Discharge of Stormwater to Surface Waters from the Municipal Separate Storm Sewer System (MS4).

2. PURPOSE

The purpose of this policy is to establish minimum stormwater management requirements and controls to protect and safeguard the general health, safety and welfare of the public residing in the Charter Township of Lansing and the Watersheds to which it drains and to comply with the Township's (NPDES) Permit and other applicable federal and state regulations.

3. SCOPE

This policy applies to the Township and/or its nested entities, and includes new development and redevelopment projects that disturb one or more acres of land as well as projects less than one acre that are part of a larger common plan of development, and that will result in a discharge to the Township MS4.

4. POLICY

The Township shall comply with its NPDES Permit requirement for Discharge of Stormwater to Surface Waters from the Township MS4. This includes, at a minimum, to provide for the following.

- A. Water quality shall be obtained by providing a minimum treatment equivalent to the first one inch of runoff from the entire site, or the runoff volume generated from the 90 percent annual non-exceedance storm. Those Best Management Practices (PMPs) used to provide the minimum treatment shall be designed on a site-specific basis to reduce post development total suspended solids loadings by 80 percent or achieve a total suspended solids discharge concentration of 80mg/L or less.
- B. The following volume/channel protection criteria shall be met: no net increase in offsite runoff volume and rate for storm events up to the two-year, 24-hour event from that of predevelopment conditions.
- C. For all Township owned properties, the Township, or its designee shall operate and maintain all post-construction BMP's in perpetuity in accordance with its Pollution Prevention and Good Housekeeping Programs.

LANSING TOWNSHIP TMDL IMPLEMENTATION PLAN

The MDEQ requires that each permittee receiving an NPDES MS4 permit develop an implementation plan for outlining how it intends to “make progress toward achieving the pollutant load reduction requirement” for each TMDL listed in its watershed. Lansing Charter Township is a permitted MS4 discharging to the Red Cedar River watershed of the E. coli TMDL.

The Charter Township of Lansing owns two outfalls to the waters of the State, one at both the Township Administrative Offices and the second is in Slater Park. The Township’s MS4 is small and it is located in the two aforementioned locations. There are 5 catch basins in Slater Park that run drain into the 1 outfall in the park. There are 3 catch basins on the Township Administrative grounds that exclusively limited to drain municipal parking lots at the Township Hall. Based on the use of these two facilities, they are not expected to contribute E. coli to the watershed.

To verify, the Township will perform wet weather, first flush monitoring (defined as the first 30 minutes of the storm if possible but not longer than the first 60 minutes) on the outfall at the end of the catch basin network within the first year of the permit cycle to serve as a representative sample of the Township’s MS4 discharge. The sample will be analyzed within six hours of its collection and compared to the Water Quality Standard of 1000 E coli/100ml daily max for partial body contact, and 300 E coli/100ml daily max for total body contact.

If E. coli is not detected or is detected at levels below the State Water Quality Standard: The township will take no further action during the permit term.

If E. coli is detected above the WQS: The Township will resample the outfall within the same year. If resampling indicates continued elevated E. coli levels, then the contributing area will be evaluated to identify and eliminate the source by implementing BMPs suited to address the contribution of E. coli to the MS4. A second round of wet-weather monitoring will occur in year four of the permit cycle to determine if BMPs have addressed the concern and if samples meet the WQS.

The Township will continue to perform dry weather screening at the two outfalls as part of its Illicit Discharge Elimination Program. Any illegal connection, dumping, or discharge that contributes to E. coli will be managed following IDEP protocol.