

Macomb Township – NPDES Phase II Stormwater Permit Compliance Assistance – Watershed – Based Option

Macomb County, Michigan

Spalding DeDecker Associates, Inc. (SDA) provided assistance to the Township towards permit compliance with the Township's MDEQ Phase II Stormwater General Permit and Certificate of Coverage (COC) through various sub-watersheds.

Task 1 - Public Education Plan

Assisted in the development of a Public Education Plan (PEP). The purpose of the plan was to facilitate the involvement of watershed groups (general public, organizations etc.) in the development of the Watershed Management Plan (Clinton River East Watershed, Anchor Bay Watershed). The objectives for the PEP were to increase general awareness about stormwater for the staff, residents, visitors, businesses, operations, and construction activities within the Township. SDA assisted the Township with the ongoing PEP activities with other sub-watershed members, in the development and implementation of various education programs and activities, further build awareness, and foster stewardship of the Township and various watersheds. Various PEP efforts were used, such as website, cable access TV, newsletters, municipal joint activities, and current environmental stormwater education activities, etc.

Task 2 - Illicit Discharge Elimination Plan

Assisted in the development and submittal of an Illicit Discharge Elimination Plan (IDEP) as part of the Township COC requirements. This included activities to increase general awareness about stormwater for staff, residents, visitors, businesses, operations, and construction activities within the Township. Stormwater policies/ procedure reviews/ recommendations and education programs and activities that build awareness and foster stewardship of the Township watersheds were also developed. Short-term programs were developed to find, prioritize, and eliminate illicit connections including staff training, inventory/ investigation, and complaint tracking. Coordination and implementation scheduling were also addressed as part of the IDEP program.

Task 3 - Watershed Goals/ Storm Water Pollution Prevention Initiative

In order to plan for future permit requirements, SDA assisted in the identification of goals, activities, schedules and cost estimates related to the Township for use towards the Storm Water Pollution Prevention Initiative (SWPPI).

Task 4 - Annual Report

SDA provided documentation on the status of development and implemented activities for the various plans for the Public Education Plan (PEP) and the Illicit Discharge Elimination Plan (IDEP). SDA also compiled a progress report documenting activities implemented for the PEP, Watershed Management Plan (WMP), IDEP and Storm Water Pollution Prevention Initiative (SWPPI) within the Township.

Task 5 - Representation at Sub-watershed Meetings/ Public Meetings/ Program Status Update

SDA attended sub-watershed meetings on behalf of the Township (a total of two sub-watersheds) and developed programs as part of the Certificate of Coverage permit. SDA

OWNER / CLIENT

Macomb Township

PROJECT START - END

May 2001 - January 2006

SDA PROJECT NO.

MA01-017

represented the Township's interests and serviced on various subcommittees in order to meet permit requirements. SDA compiled summaries of discussions and actions taken to the Township and it's staff.

SPECIAL FEATURES

SDA has provided similar assistance to other SDA public and private clients, through permit completion, program assistance, and annual compliance requirements. SDA is familiar with and has actively represented and participated in various sub-watershed programs. The SDA staff is knowledgeable in the development and implementation towards and compliance with the required Phase II requirements and deadlines through the Michigan Department of Environmental Quality (MDEQ).

What makes SDA's approach to this program unique is that through assistance to various clients, SDA has encouraged clients to complete several of the permit/ certificate of coverage items in-house, as client staff availability has permitted. This approach has allowed several items to take place:

- Reduced costs incurred through consultants' fees. This is done as less time is incurred by SDA, and as many tools (website, newsletter, HazMat Days, etc.), are accessed.
- Direct client involvement allows for a greater understanding of the programs and processes; questions and answers are streamlined.
- Client ability to pick and choose program areas with the greatest needs and designating assistance to SDA.
- Township staff's direct involvement in programs through ongoing permit activities, thus reducing the time involved in the development of various Phase II segments.