

City of Kaukauna MS4 Program 2018 Summary – Supplement to MS4 Annual Report

Public Education and Outreach MS4 GP Section 2.1

The City continues to implement the Public Education and Outreach outlined in Chapter 3 of the City's Stormwater Management Plan. This includes, but not limited to, storm water topics in the quarterly newsletter to residents, maintaining and updating the City Stormwater Management webpage, displaying educational flyers as at City Hall and Department of Public Works, passively distributing flyers at various City Hall displays, giving presentations to general public and elected officials, and participating in NEWSC with panels, trainings, and regular meetings. Public Education action items for 2018 include:

Stormwater topics in the quarterly newsletter to residents:

- Yard Waste/Spring Clean-Up
- Green Ponds/Pet Waste
- Leaf Pick-up/Fall Clean Up
- Safe Walks & Clean Water

Stormwater Management webpage posts:

- The Perfect Lawn
- Leave Your Leaves on the Land
- City MS4 Annual Report
- NEWSC Annual Report

Passive Flyers and Hand-Outs

- Renew Our Waters/Every Choice counts
- The Perfect Landscape
- Household Hazardous Waste
- Good Dog/Good Owner
- Stormwater Pollution Door Hangers (Grass Clippings)
- Installed Plum & Konkapot Watershed Informational Sign with Fox Wolf Watershed Alliance at Konkapot Trail Head Parking Lot
- Times Villager and Website Ads For New Sweeper/Leaf Collection Ordinance

Targeted Audiences In Addition to General Public

- Downtown Businesses – Good Housekeeping to prevent stormwater pollution
- Riparian Owners – Sediment & Phosphorus Reduction/Streambank Stabilization
- Riparian Owners – Controlled Burns For Vegetative Management
- Pet Owners – Good Dog/Owner Poster at Kaukauna Dog Park

1000 Islands Programs

- Fox River Ecology (732 participants)
- Crayfish and Critter Hunt (3,392 participants)

Public Involvement and Participation MS4 GP Section 2.2

The City continues to implement the Public Involvement program outlined in Chapter 4 of the City's Stormwater Management Plan. This includes, but is not limited to, considering information submitted by the public relating to stormwater topics, promoting river clean ups, rain barrel workshops, and other training and volunteer activities in the area, giving presentations to general public and elected officials, promoting educational opportunities at 1000 Islands Environmental Center, and participating and promoting NEWSC panels, trainings, and regular meetings. Public Involvement action items for 2018 include:

Presentations/Discussions at Public Meetings

- MS4 Annual Report
- Stream Bank Erosion & Cooperative Projects - Outagamie County Land Conservation
- Total Maximum Daily Loading (TMDL) Implementation Plan
- Parking Ordinance for Sweeping and Leaf Collection
- K4 Basin Flood Study
- Stormwater Utility Fees
- Stormwater Utility Credit Policy Update
- Subdivision Stormwater Management For Wildlife Heights
- Lawn Clipping/Yard Waste In Streets
- Grass Clipping Ordinance
- Muskrat Trapping
- Kelso Pond Bank Restoration Efforts

Volunteer Opportunities Promoted/Supported

- Fox Wolf Watershed River Clean-Up Site - May 12, 2018 (_____ Participants)

Trainings/Classes Promoted:

- 2018 NEWSC Filtration Systems Workshop
- Winter Parking Lot Maintenance Workshop
- 1000 Islands Environmental Center Program Guides

Illicit Discharge Detection and Elimination MS4 GP Section 2.3

The City's IDDE program includes outfall field screenings, cross connection inspections, documenting resident complaints and follow-up actions. The City and KU have been specifically checking for water softener discharge to sump pits during routine inspections for clear water connections to sanitary sewer. Residents are required to re-route the water softener discharge to sanitary sewer. IDDE action items for 2018 include:

- Created IDDE door hangers to address common issues including grass clippings
- Completed field screenings of 47 priority outfalls
- Received and responded to 13 illicit discharge complaints (Ink, Cheese, Grass Clippings)
- Discovered and ordered corrections on 2 properties to maintain IDDE compliance
- Issued fines for 18 properties not in compliance with IDDE – softener discharges to sump pump; etc
- Updated the City MS4 map with new BMPs, outfall changes and new storm sewers installed
- Updated Outfall Inspection Form

Construction Site Pollution Control MS4 GP Section 2.4

The City Construction Site Pollution Control program includes review of permit applications and erosion control plans, conducting municipal site inspections, and enforcing the erosion control ordinance. The program also includes an educational component including educating permit applicants, designers, contractors, inspectors and ordinance violators about City and DNR design and site management standards. Construction Site Pollution Control action items for 2018 include:

- Reviewed and issued 8 private and 1 municipal permits
- Discussed ordinances and environmental design considerations with 11 site designers
- Inspected 15 construction sites including some 2017 permitted sites still under construction. 39 total inspections.
- Issued 3 written warnings to sites in violation of erosion control ordinances
- Continued policy of permitting City construction sites based on the same criteria as private construction sites.
- John Neumeier helped develop and attended the 2018 NEWSC Filtration Systems Workshop
- Brandon Cesafsky attended NASECA Construction Site Erosion Control and Stormwater Permit Compliance Training and was approved for certification as DSPS Soil Erosion Control Inspector

Post-Construction Storm Water Management MS4 GP Section 2.5

The City Post-Construction Site Pollution Control program includes review of permit applications, plans, maintenance agreements, tracking long-term maintenance of stormwater management facilities, and educating permit applicants, designers, contractors, inspectors, and facility owners. Post-Construction Site Pollution Control action items for 2018 include:

- Reviewed and issued permits for 4 construction sites with structural storm water BMPs
- Discussed ordinances and environmental design considerations with 6 site designers
- Visited/Inspected 6 private stormwater best management practices, include ponds, underground storage, and new bio-filters for which the City has a maintenance agreement
- Issued 1 verbal warning to correct deficiencies, repairing outfall due to washout
- Helped develop and promoted the 2018 NEWSC Filtration Systems Workshop to local designers
- Updated BMP Inspection Forms and Policy

Pollution Prevention MS4 GP Section 2.6

The City Pollution Prevention program includes conducting routine inspections and maintenance of municipally owned structural BMPs, street sweeping, catch basin cleaning, apply road salt and deicers only as necessary to maintain public safety, properly manage leaves and grass clippings, conduct pollution prevention planning for municipal garage and storage areas (Storm Water Pollution Prevention Plan or SWPPP), and educate municipal employees about pollution prevention. Pollution prevention action items for 2018 include:

- Inspected 47 municipally operated/maintained BMPs
- Updated BMP Inspection Forms and Policy
- Compiled a bmp maintenance list for DPW to complete – Prioritized on immediate need.
- Completed outfall repair for soil loss prevention at Peters Road
- Completed bank stabilization projects along Konkapot Creek with Outagamie County
- Completed HE Sweeper Dump bay leachate collection system installation
- Conducted quarterly inspections at Department of Public Works and 3 inspections of the compost site.
- Enacted parking ordinance to improve street sweeper efficiencies and modeling
- Enacted Grass Clipping Ordinance to better enforce discharge into streets and dumping
- Posted 2 new “No Dumping” signs near outfalls siting municipal code for enforcement.
- Street Sweeper removed approximately 600 tons of material from streets and parking lots
- Sewer crews cleaned approximately 25 catch basins and removed <1 tons of material
- Conducted 9 weeks of leaf collection throughout the City, followed by street sweeping.
- Conducted Spring Clean-up, Fall Clean-Up, and both paid and free yard waste drop-off events
- Provided snow and ice control on approximately 84 lane miles
- Managed de-icer usage with calibration, pre-wetting, pre-treating with brine, and proper timing of salt applications.
- Posted best management practices information at DPW shop
- Conducted Municipal SWPPP site inspection training with new staff members
- 2 Employees attended 2018 NEWSC Filtration Systems Workshop
- Completed maintenance dredging and restoration of Moon Ridge Pond
- Designed and bid 2018 Kelso Pond bank stabilization project (Project 90% Complete)
- Contracted with McMahon Associates for management/monitoring of multiple pond, fish spawning and stream mitigation sites.
- Contracted for nuisance wildlife management at 5 City ponds (124 muskrats and 2 mink)