The following outlines the Stormwater Pollution Prevention Program (SWPPP) Minimum Control Measure (MCM) activities that have been completed in 2018. These MCMs are included in the Municipal Separate Storm Sewer System (MS4) permit issued by the Minnesota Pollution Control Agency (MPCA).

**MCM-1: Public education and outreach activities**

**Permit requirement:**
Permittee’s shall develop and implement a public education program and distribute educational materials that informs the public of the impact stormwater discharges have on water bodies and that includes actions citizens, businesses, and other local organizations can take to reduce the discharge of pollutants to stormwater. The program shall include the following:

**Activities completed:**
- High-priority stormwater related issue for 2018
  - Rainwater Rewards Program
    - Installed 23 rain gardens and 3 trees
- City’s MS4 Program was Program Highlighted by the MPCA, Minnesota Stormwater News April 2018
- City’s stormwater management practice was highlighted in the MS4 Program Overview by the MPCA
- Received Blue Star Award for Protecting and Preserving Water Quality
- Distributed other stormwater management related educational materials
  - 9 articles in 4 issues in the Park Perspective (circulation of approximately 27,500 residents)
  - Stormwater information on city’s website (4,676 clicks)
  - Stormwater and environmental education at Westwood Hills Nature Center (36,603)
  - Sun Sailor article for the Rainwater Rewards Program (approximately 3,000 people)
  - Participate in Clean Water Minnesota Outreach Program
    - 3 posts on social media
  - Social media outreach on stormwater management
    - 45 postings
  - Annual Rain Barrel sale (sold 156 barrels at a discounted rate for residents)
  - Participated in Metro Blooms Resilient Yard Workshop (48 attendees)
  - Participated in Metro Blooms Turf Alternative Workshop (56 attendees)

**MCM-2: Public involvement and participation**

**Permit requirement:**
Permittee’s shall implement a public participation/involvement program to solicit public input on the Storm Water Pollution Prevention Plan (SWPPP).

**Activities completed:**
- Held additional public open house on March 15, to receive comments on the city’s SWPPP activities in 2018 (5 attendees)
- Held City Council meeting presentation on the SWPPP on April 2, to review 2017 activities
MCM-3: Illicit discharge detection and elimination

Permit requirement:
Permittee’s shall implement and enforce a program to detect and eliminate illicit discharges into the city’s storm sewer system.

Activities completed:
- Observed 21 illicit discharges and responded with verbal warnings and letters of warning on illicit discharge
- Identified and monitored areas within the city that have an elevated potential for illicit stormwater discharges
- Implement comprehensive training program for city field staff
- Distributed illicit discharge detection and elimination social media information
- Developed dumpster ordinance updates in coloration solid waste staff for covering and leaking dumpsters

MCM-4: Construction site stormwater runoff control

Permit requirement:
Permittee’s shall implement and enforce a construction site stormwater runoff control program that reduces pollutants in stormwater runoff related to construction activity.

Activities completed:
- Performed 16 plan reviews on projects greater than one acre
- Performed 23 plan reviews on projects less than one acre
- Issued 35 erosion and sediment control permits
- Performed 52 inspections on 15 projects greater than one acre
- Performed 160 compliance inspections on 52 projects
- Collected damage deposits for permits
  - Issued 76 notices of violation for noncompliance, including verbal and written warnings

MCM-5: Post-construction runoff control

Permit requirement:
Permittee’s shall implement and enforce a post-construction stormwater management program that prevents or reduces water pollution after construction activity is completed.

Activities completed:
- Carpenter Park Regional Stormwater Improvement Project
  - Recipient of the Minnesota Erosion Control Association 2018 Environmental Excellence Award
- Implement stormwater best management practices as part of the 2018 Pavement Management Project and Aquila Field Reconstruction, including:
  - Underground infiltration chambers
  - Biofiltration basins
  - SAFL baffle and sump manholes
Reduction in impervious surfaces (approximately 5%)

- Provided stormwater management plan review for 14 projects greater than one acre
- Provided stormwater management plan review for 11 projects less than one acre
  - BMPs included underground treatment facilities, rain gardens, pervious pavement, biofiltration basins, and future stormwater mitigation

**MCM-6: Pollution prevention/good housekeeping for municipal operations**

**Permit requirement:**
Permittee’s shall develop and implement an operations and maintenance program that prevents or reduces the discharge of pollutants from permittee owned and operated facilities.

**Activities completed:**
- Replace Bass Lake Preserve outlet control structure and install new Bass Lake Park trail connection
- Maintain stormwater pond at the northeast corner of Bass Lake Preserve
- Complete the city’s Surface Water Management Plan update
- Complete the city’s Stormwater Pollution Prevention Plan update
- Complete the development of citywide stormwater models
- Inspected 28 storm sewer outfalls
- Inspected 33 stormwater ponds
- Swept over 2,043 miles of streets and alleys
  - Removed approximately 6,474 cubic yards of material from city streets
- Inspected stockpile and storage areas
- Worked with Operations to evaluate existing policies and practices and to look for areas to improve process and reduce pollution