



City of Rochester

Annual Progress Report: Stormwater Permit Activities

January 1 to December 31, 2014





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Annual Report Requirements

- Status of compliance with permit conditions
- Appropriateness of the Best Management Practices (BMPs)
- Progress toward achieving Measurable Goals (MGs)
- Changes in BMPs and MGs
- Upcoming activities
- Opportunity for public input




Permit Progress Status

- Ongoing reporting & record keeping
- We are not relying solely on other entities to satisfy any of our permit requirements
- Status of compliance with permit conditions
 - ACCEPTABLE
- Best Management Practices
 - APPROPRIATE
- Progress toward achieving Measurable Goals
 - ACCEPTABLE
- Changes in BMPs and Measurable Goals
 - NONE



Who Does This Work?

- City Staff
 - Public Works
 - Building Safety
 - Finance
 - Fire Department
 - Human Resources
 - Information Systems
 - Police Department
 - Rochester Public Utilities

Who Does This Work?


- Collaborating Organizations
 - Clear Channel Radio
 - Community Work Service
 - ISD 535 Summer of Service
 - Individual volunteers
 - KAAL TV
 - KIMT
 - KSMQ
 - KTTC/KXLT/CW TV
 - Master Gardeners
 - Minnesota Department of Transportation
 - Olmsted County
 - Rochester Area Builders
 - Rochester Community & Technical College
 - Rochester Garden and Flower Club
 - RNeighbors
 - Rochester Post Bulletin
 - Townsquare Media of Rochester
 - Zumbro Watershed Partnership

What Do They Do?

- MCM 1 – Public Education
- MCM 2 – Public Participation
- MCM 3 – Illicit Discharge Detection
- MCM 4 – Construction Site Stormwater Management
- MCM 5 – Post-Construction Stormwater Management
- MCM 6 – Good Housekeeping
- And related permit duties

See the "By the Numbers" handout



MCM 1 – Public Education Highlights

- Storm water trucking
- Presentations
- Rain garden installation
- Informational booths
- Rain garden walk-throughs

MCM 2 – Public Participation Collaborator Highlights

- A Litter Bit Better!*: 3,250 volunteers, 237 groups, 24,360 lbs of litter, 5,106 acres
- Demonstration rain gardens: 4 residential, 1 community, 1 in park (SOS)
- RNeighborWoods: 110 trees, 162 volunteers, 52 citizen foresters
- ZWP Water Ways urban presentations: 260 attendees

- RNeighborWoods
- Rain garden installations

MCM 3- Illicit Discharge Highlights

- Concrete block spill
- Petroleum threat
- Sanitary sewer flows

- 18 illicit discharge reports
- 4 sanitary sewer overflow incidents
- RFD responded to 225 accidents to contain hazardous material spills

MCM 3 – Mapping Highlights

- GIS infrastructure mapping updates are ongoing, allowing for accurate determination of threats to surface waters

MCM 4 – Construction Site Stormwater Management Highlights

- 776 individual lot Erosion & Sediment Control (ESC) inspections involved 99 subdivisions and 75 builders
- 393 ESC inspections of commercial sites, subdivision developments, and city projects (92 total sites)

- Sand site stabilization
- Foam site stabilization

MCM 5 – Post-Construction Stormwater Management Highlights

- Project Preparations
- Facility cleanup
- Grading Plan Review
- Floating Treatment Wetland Installation

Keeping it Clean
StormWater

RPU Wellhead Protection Coordination

Storm Water Today,
Drinking Water Tomorrow
Rochester, Minnesota

Keeping it Clean
StormWater

RPU Wellhead Protection Coordination

- Current Efforts:
 - Conserve & Save: “Plugged In” articles to 47,000 customers, website tips, advertising, and rebates
 - Technical water conservation assistance
 - Amending the Wellhead Protection Area (currently in the modeling phase)

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MCM 6 – Good Housekeeping Contracted Services

Brush cutting a stormwater pond

Brush cutting a drainage way

Keeping it Clean
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MCM 6 – Good Housekeeping Contracted Services

Brush cutting a stormwater pond

Brush cutting a drainage way

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MCM 6 – Good Housekeeping In-House Maintenance

Brush cutting a stormwater pond

Brush cutting a drainage way

Storm Sewer Repair

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MCM 6 – Good Housekeeping In-House Maintenance

Brush cutting a stormwater pond

Brush cutting a drainage way

Grabit repair

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MCM 6 – Good Housekeeping In-House Maintenance

Preventing Stormwater Pollution

Leak Repairs Program

6x6 Jam Removal

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2014 Program Additions

- Illicit Discharge, Detection, and Elimination Ordinance
- Comprehensive facilities inventory
- City employee training plan
- Business education plan
- Updated enforcement response procedures for
 - MCM 3 – Illicit Discharge Detection
 - MCM 4 – Construction Site Stormwater Management
 - MCM 5 – Post-Construction Stormwater Management
- And related permit duties

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Public Input

- Presentation, By the Numbers Handout & Annual MPCA report will be posted at www.rochesterstormwater.com
- Questions/Comments?

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