



**Annual Progress Report
on the 2008 Storm Water
Permit Activities**

Rochester City Council Meeting
6/1/09

Other than Council and staff how many people are present to hear this report?

Who Does This Work?

- City Staff
 - Public Works (97)
 - Building Safety
 - Finance
 - Fire Department
 - Human Resources
 - Information Systems
 - Police Department
 - Public Utilities
- Partner Organizations
 - Clear Channel Radio
 - Cumulus Radio
 - Community Work Service
 - KAAL TV
 - KTTX/KXLT/CWTV
 - Master Gardeners
 - Mn Dept. of Transportation
 - Olmsted County
 - Post Bulletin
 - Rochester Area Builders
 - Rochester Community & Technical College
 - RNeighbors
 - Rochester Rowing Club
 - Summer of Service
 - Zumbro Watershed Partnership

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

MCM 1 – Public Education

- ~5 million contacts
(a new database gives more accurate counts)
 - 8 press releases, 14 TV and radio interviews, 78 newspaper articles/ads, 16 newsletter and magazine articles
- Web sites:
 - storm water web site (~10,000 hits/year)
 - City web site (~405,515 hits/year)
 - RNeighbors web site (~27,375 hits/year)

MCM 1 – Public Education

- Contacts, continued
 - 3 utility bill stuffers
 - 24 presentations
 - 28 posters, open houses, signs, kiosks & displays
 - 9 e-mail/direct mail communications
 - 11 new web site postings
 - 913 ESC inspection & enforcement contacts
 - 13 events (Arbor Day, ALBB, Spring Thing.)

MCM 1 – Public Education

- Staff Training
 - 12 staff training sessions
 - 57 new employees reviewed an interactive, PowerPoint storm water orientation module
- 10 RUA Education Work Group meetings to co-implement our cooperative education plan

MCM 2 – Public Participation

- Public meeting on 2007 annual report
- Promotion of volunteer opportunities on the Storm Water web site
 - Volunteer lake and stream monitors
 - Adopt-a-Highway and Adopt-a-Park volunteers
- Citizen complaint intake – 280 records and responses (ASIST + call logs)

MCM 2 – Public Participation

- Volunteer Partners
 - RNeighbors & RPW volunteers distributed 4,500 litter bags at the Rochesterfest parade
 - Community Work Service collected litter
 - 85 Summer of Service volunteers marked 185 storm drains, distributed 364 door hangers, and collected litter
 - 3 RNeighborWoods tree plantings and 1 Citizen Forester training session (260 trees/ 380 volunteers/15 new citizen foresters)

MCM 2 – Public Participation

- Volunteer Partners (continued)
 - RPU “Partners in Planting” (10 tree discount coupons claimed; 4/9/08 bill insert to 48,000)
 - ~4,000 *A Litter Bit Better!* volunteers collected 12 tons of litter
 - Rochester Rowing Club – litter collection within the Silver Lake Buffer project area
 - 744 handouts distributed at 2 fair booths (Master Gardeners, ZWP)

MCM 3 – Illicit Discharges

- Storm sewer system map updates
- WQPP elimination of aging septic systems (7 connections to City sanitary sewer)
- Collection of RV sewage at the RWRP Sewage Pump Out Stations (~549 users; ~27,450 gallons)
- 13 illicit discharge calls and responses
- 383 dry weather outfall inspections (of 1204 City-owned outfalls; 32%)

MCM 3 – Illicit Discharges

- 5 sanitary sewer overflow responses (lines plugged with woody debris, sediment from water main break, grease, and construction debris)
- Illicit sump connections discovered and corrected: 0 commercial, 0 residential
- 258 RFD hazardous spill response and containment

MCM 4 – Construction Site SWM

- Conducted 395 ESC inspections at 157 active subdivisions and site development plan sites, plus 467 ESC inspections at 218 active individual residential lots
- Processed 51 ESC enforcement actions (26 stop work warnings, 10 stop work or correction orders, 5 notices of grading violation, 10 letters to request on-site meetings to assess and correct deficiencies, 0 court actions)

MCM 4 – Construction Site SWM

- Approved 70 ESC plans as part of grading plan review/approval process
- Responded to 10 ESC complaints
- Implemented construction storm water permit requirements for 8 City projects

MCM 5 – Post-Construction SWM

- 235 planning referrals made for all development types to review development impacts on storm water
- 44 individual single family residential lot grading plans approved
- 70 grading plans approved
- 61 grading permits issued
- 16 construction plans approved

MCM 5 – Post-Construction SWM

- Pond Projects: 6 in the study/design stage, 2 under construction, 1 completed
- Conveyance Projects: 3 in the study/design stage, 4 under construction, 3 completed
- 11,569 LF of new storm sewer constructed with 212 associated structures (i.e., manholes, catch basins, inlets, outlets and blind ties) as a result of new development

MCM 5 – Post-Construction SWM

- 1 transition pond accepted
- 2 pond retrofits
- Inspected 66 public storm water ponds (66%), with 5 re-inspections
- 346 completed SWM ponds in Rochester:
 - 101 City [public and easement]
 - 79 transition
 - 129 private
 - 5 county
 - 32 state

MCM 5 – Post-Construction SWM

- Wellhead Protection Coordination for Volume Control by RPU
 - 46,000 Conserve & Save bill inserts
 - Conserve & Save advertising
 - 811 customers with \$20,300 in rebates
 - Water Supply Plan submitted 5/23/07 – awaiting DNR comments
 - Internal discussions to develop better method for showing water use data in bills

MCM 6 – Good Housekeeping

- Completed audits of 17 City facilities
- Ten public structural pollution control devices (catch basins with sumps) cleaned and inspected annually
- Swept 16,2978 lane miles of streets

MCM 6 – Good Housekeeping

- Completed Work Orders for the cleaning and/or repair of:
 - Storm sewers, culverts, inlets/outlets, and outfalls: 27 sites
 - Ditches and drainage ways: 5 sites
 - Ponds & their associated infrastructure: 9 sites

Other Permit Elements

- Total Maximum Daily Loads
 - Monitor development of regional TMDL for turbidity and Lake Zumbro TMDL for nutrients
- Discharges to waters with restricted discharges
 - 3 ROPD reviews and an EAW that involved the Decorah Edge

Other Permit Elements

- Source Water Protection:
 - MDH approval of WHP plan on 10/17/07 with official implementation start on 1/1/08
- Nondegradation
 - Stakeholder involvement in rulemaking
 - MPCA response to Nondegradation Review
- Discharges to wetlands:
 - 13 wetland applications, 0 violations issued
 - 1 violation issued in 2007 corrected in 2008

Other Permit Elements

- Ordinance development/modification:
 - Boulevard tree planting ordinance drafted
 - Parking ordinance research on standards, landscaping, and SWM controls
- Ongoing reporting & record keeping
- We are not relying solely on other entities to satisfy any of our permit requirements

Summary of Progress

- Status of compliance with permit conditions - ACCEPTABLE
- Best Management Practices - APPROPRIATE
- Progress toward achieving Measurable Goals - ACCEPTABLE
- Changes in BMPs and MGs – NONE

Upcoming Activities

- Continue departmental audits & develop O & M plans
- Finalize pond acceptance procedure
- Develop comprehensive pond maintenance SOPs
- Develop encroachment ordinance
- Further develop IDDE program coordination

Upcoming Activities

- Update SWMP, considering alternative BMPs, focused discharge problems, etc.
- Prepare for MS4 audit
- Begin discussions with MPCA on the next MS4 permit (2010 – 2015)

- Questions or comments?
 - Council
 - Audience
- Additional written comments on the adequacy of the SWPPP will be accepted until close of business on Friday, 6/5/09:
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