

EXECUTIVE SUMMARY  
MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)  
ANNUAL REPORT TO IDEM

Prepared by:  
Jeffrey P. Walker, MS4 Operator  
25 November 2008

The City of Columbia City's storm water management is provided through its Board of Public Works and has established a Storm Water Utility to provide the necessary revenue to manage and have resources for compliance. The MS4 boundary is defined as the corporate limits of Columbia City. A Storm Water Quality Management Plan (SWQMP) was developed to comply with Phase II of the W.S. Environmental Protection Agency's storm water program originating from the 1990 Clean Water Act that acts to preserve, protect, and improve the water resources from polluted storm water runoff. A 5-year National Pollution Discharge Elimination System (NPDES) permit issued by IDEM under the Rule 13 requirements has been issued to the City. This permit cycle ended November 01, 2008. A Notice Of Intent (NOI) application has been submitted to IDEM for our next 5-year permit. A SWQMP requires the establishment of controls on the unregulated sources of storm water discharges, also referred to as non-point source pollutants that have proven to be the greatest cause to the impairment of our water resources.

The SWQMP covers six minimum control measures (MCMs): Public Education and Outreach; Public Participation and Involvement; Illicit Discharge Detection and Elimination; Construction Site Storm water Run-off Control (also commonly referred to as erosion control); Post-Construction Run-off Control; and Pollution Prevention and Good Housekeeping. Each of the six MCM categories has several individual activities under it with implementation schedules for the associated goals and established items to be tracked. The annual report has a short commentary for each of these activities and the status of each one.

When reviewing this annual report, it is clear our program is still far from being fully developed and implemented as noted by the many activities still not meeting the compliance guidelines. That being said, it should also be noted we are moving in a positive direction and continue to grow into this program. The following charts provide a good depiction of the current program status. I anticipate a significant improvement in compliance during the upcoming reporting year as a result of our partnership with the Soil & Water Conservation District.

***Public Education and Outreach:***

CATEGORY	MEET COMPLIANCE GUIDELINES?
Storm water Website	Yes
Activity Book (modified approach)	Yes
Storm water presentations (Process)	Yes (This is an Ongoing Process)

***Public Participation & Involvement:***

CATEGORY	MEET COMPLIANCE GUIDELINES?
Storm Drain Stenciling method this will be back on schedule in 2009)	<b>No</b> (Due to change in stencil)
Litter Clean-Up	Yes
Tree Planting	Yes
Household Hazardous Waste Collection	Yes
Incident Reporting	Yes

***Illicit Discharge Detection & Elimination:***

CATEGORY	MEET COMPLIANCE GUIDELINES?
Develop MS4 Conveyance Map	Yes
Develop Regulatory Mechanism	Yes
Develop Plan	Yes
Public Education 11-2008)	(Annual Survey was sent out
Annual Training	No

***Construction Site Storm Water Run-off Control:***

CATEGORY	MEET COMPLIANCE GUIDELINES?
Develop Regulatory Mechanism	Yes
Site Plan Review	Yes
Public Participation	No
Annual Training	No

***Post-Construction Run-Off Control:***

CATEGORY	MEET COMPLIANCE GUIDELINES?
Develop Regulatory Mechanism	Yes
Site Plan Review	Yes
Annual Training	No
Develop Plan	No

***Pollution Prevention & Good Housekeeping:***

CATEGORY	MEET COMPLIANCE GUIDELINES?
Litter Pickup	Yes
Conveyance Inspection, Cleaning & Maint.	Yes
Pavement Sweeping	Yes
Roadside shoulder / ditch Stabilization	Yes
Roadside Vegetation Care	Yes
Outfall Scouring Inspection and Remediation	Yes
Salt / Sand Storage & Application	Yes
Designated Snow Disposal Area	Yes
Containment for Accidental Pollution	Yes

Spill Prevention when fueling	Yes
BMP's for Vehicular Maint. Areas	Yes
Operational Wash Water Controls	Yes
Minimization of Pesticide / Fertilizer Use	Yes
Proper Disposal of Animal Wastes	Yes
Waste Disposal from MS4 systems	Yes
Flood Management & Quality Standards	No
Annual Training	No

Looking at the six MCMs, the program implementation stands at about **78%** overall for our requirement. The MCMs for ***Construction Site Storm Water Run-off Control*** and ***Post-Construction Run-off Control*** show the lowest percentage of compliance at **50%** in each MCM. Final action was taken in the past couple months on the request to contract these functions to the Soil & Water Conservation District (SWCD) to assist in our Rule 13 compliance requirements. ***The Pollution Prevention & Good Housekeeping*** MCM has a total of 17 items to be tracked. This category is currently at about an **88%** implementation level.

As always, if you have questions regarding our Rule 13 program, please feel free to contact me.

Respectfully submitted,

Jeffrey P. Walker, Operations Manager / MS4 Operator