

APPENDIX B

EPA SURVEY FORMS FOR INVENTORYING PROGRAMMATIC AND LOAD REDUCTIONS UNDER THE PHASE I MS4 PERMITTING PROGRAM

Program Effectiveness Indicators for Phase I MS4 Permits

NPDES Permit Storm Water Management Elements	Did the Phase I permit requirements either cause new or significantly refine activities under this element (Yes, No, Uncertain)	Enter two dates: 1) The approximate date when this element was first tested in the permitted area and 2) The date when this management element was (or will be) applied to a Maximum Extent Practicable (MEP) in the permitted area.	Rank the environmental benefits of this management element (First, the benefit realized since first permit and then expected future benefit from continued use)*
A. Construction Planning Process and Construction Inspections for Erosion & Sediment Control			
B. Spill Response to Protect Local Waterbodies/ Responding to Public Reporting of Questionable Discharges			
C. Public Maintenance/Inspection of Structural Storm Water BMP Controls			
D. Implementation of Planning/Zoning Procedures for Storm Water Management			
E. Storm Water Inspections of Municipal Facilities and Industries			
F. Retrofit of Flood Management Facilities for Water Quality Benefits			
G. Collection of Oil/Household Wastes			
H. Roadway Maintenance to Protect Storm Water (e.g., Street Sweeping, modified deicing activities)			
I. Field Screening/Inspection of Storm Sewers for Illicit and other Discharges			
J. General Public Storm Water Outreach/ Education Activities			
K. Managing Municipal Use of Pesticides, Herbicides, and Fertilizers to Improve Storm Water Quality			
L. Inventorying/Mapping Storm Water Systems and Identification of Pollutant Sources (e.g., Outfall and BMP mapping, Source Area Identification)			
M. Estimating/Tracking Storm Water Load Generated within Permitted Area			
N. Chemical Monitoring at MS4 Storm Water Outfalls			
O. In-stream Chemical Monitoring for Assessing Storm Water Impacts			
P. Geomorphologic and Biological Monitoring Activities Related to Storm Water			

* Ratings: 1 - General observed benefit to the environment for the permitted and adjacent area; 2 - Environmentally beneficial but only to select portions of

permittee's area; 3 - Probably beneficial to the environment and its management, but the effects have not been documented to date; 4 - Unlikely to produce environmental benefits; and 5 - Inconclusive environmental benefit on this element.

Pollutant Load Measures for Phase I MS4 Storm Water Permits

Management Element	Question Related to Phase I Environmental Benefits	Conditions Prior to Storm Water Permit Application*	The Most Current Conditions/Most Recent Permit Year ** (97/98)
Gallons of Toxics and Pounds Prevented			
1. Oil/Household Waste (High)	The number of households that participated in waste drop-offs this year was	_____; out of a total of _____ households in the community?	_____; out of a total of _____ households in the community?
	The number of gallons of waste collected were	_____ paint, _____ auto-fluids, _____ pesticides/herbicides, and _____ other liquids?	_____ paint, _____ auto-fluids, _____ pesticides/herbicides, and _____ other liquids
2. Flood Management/SWM facilities <i>Regional Facilities planned but not yet implemented, question not applicable</i>	To date, the total number of flood prevention facilities inspected and modified for storm water quality benefits is	_____ and _____, respectively?	_____ and _____, respectively?
	The combined acreage served by retrofitted flood prevention facilities is approximately	_____ acres or _____ percent of the permitted area?	_____ acres or _____ percent of the permitted area?
3. Public Agency Pesticides, Herbicides, and Fertilizers Use Management	The estimated pounds prevented from reaching the environment for	herbicides (_____), pesticides (_____), and fertilizers (_____)?	herbicides (_____), pesticides (_____), and fertilizers (_____)?
4. Spill Response and Public Reporting of Discharges	The estimated volume of vehicle fluids captured due to spill response this year was	_____ gallons or _____ pounds?	_____ gallons or _____ pounds?
	The number of illicit discharges investigations and discharges addressed were	_____ and _____, respectively?	_____ and _____, respectively?
Pounds Removed			
5. Roadway Maintenance (Includes small debris such as sand, paper, and litter; excludes large material such as tires, auto debris)	The pounds of trash/sediment removed from roadways was	_____?	_____?
	The approximate percent of roads within the permit area which are included in trash removal efforts is	_____?	_____?
6. Structural BMP Controls Maintenance/Inspection	The number of pounds of sediment removed through the use of existing structural BMPs	_____?	_____?

* If records are unavailable, please make a best professional judgement based on the number of actions taken (e.g., the number of spill calls to which your staff responded)

** If records are unavailable, please estimate based on best professional judgement and a ratio of resources (e.g., current funding versus that before the permit application was submitted)