

BMP Summary Sheet

MS4 Name: University Minnesota Duluth

Minimum Control Measure: 3-ILLICIT DISCHARGE DETECTION AND ELIMINATION

Unique BMP Identification Number: 3c-1 – Revised 2007

<p>*BMP Title: Illicit Discharge Detection and Elimination Plan</p>
<p>*BMP Description:</p> <p>Illicit discharges outside of construction activities are believed to be rare. There is no reason for our constituents to improperly dispose of waste. Environmental Health and Safety Department has systems in place to dispose of chemicals and other hazardous waste, and garbage service is available at all our buildings. The areas that we could have illicit discharges are from improperly connected plumbing features, ground water contamination and/or uninformed employees or students. To this end we will put together a plan to address these issues. It will consist of three parts:</p> <ol style="list-style-type: none">1) Review our storm water system for evidence of incorrectly piped plumbing features through BMP 6b-3 and videotape the major storm lines on main campus (3e-1).2) Determine the location of building sumps and draitiles that are in the vacinity of known contaminates and verify that groundwater near these areas do not constitute an illicit discharge (3e-1).3) Educate our employees on what constitutes an illict dischage through 3d-1 <p>Location(s) in SWPPP of detailed information relating to this BMP: This summary sheet details all SWPPP information for this BMP. Related BMP's are 6b-3 / 3d-1 / 3e-1 / 1c-3</p>
<p>*Measurable Goals:</p> <p>Videotape storm sewer system Review A/E report on system Include examples of illicit discharges on website Investigate unknown lines (20% Annually) Develop plan for modification of lines with illicit discharge Determine location of building sumps and drain tile Map MPCA Reported Spills Compare MPCA reportable spills to sump and drain tile locations completed Test sump / drain tile water in vicinity of spill locations Correction of illicit discharges found during investigations</p>
<p>*Timeline/Implementation Schedule:</p> <p>Videotape storm sewer system - Done 2003 Review A/E report on system - Done 2004 Include examples of illicit discharges on website - Done 2004 Investigate unknown lines - 20% Annually Develop plan for modification of lines with illicit discharge - As needed Determine location of building sumps and drain tile - 2008 Map MPCA Reported Spills - Done 2005 Compare MPCA reportable spills to sump and drain tile locations completed - 2008 Test sump / drain tile water in vicinity of spill locations - 2008 Correction of illicit discharges found during investigations - Within 2 years of discovery</p>
<p>Specific Components and Notes:</p> <p>Verify sources of unknown connections found during video documentation of lines. Develop plan to disconnect illicit discharge and obtain funding. Funding may require bi-annual legislatively approved funds. Complete modifications based of monies available and protential environmental hazard. Investigate for connection to non-contact cooling systems, sanitary cross-connects, etc.</p>

***Responsible Party for this BMP:**

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**Indicates a REQUIRED field. Failure to complete any required field will result in rejection of the application due to incompleteness.*