

## BMP Summary Sheet

**MS4 Name:** University Minnesota Duluth

**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION

**Unique BMP Identification Number:** 3a-1 – Updated 2007

<p><b>*BMP Title:</b> Storm Sewer System Map</p>
<p><b>*BMP Description:</b></p> <p>Develop and maintain maps of storm water conveyance systems on UMD properties for use and review by university employees, architects, engineers, and contractors. Maps to contain location, size, and departmental control of system components such as pipes, outfalls, ponds, and structural pollution control devices.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: This summary sheet details all SWPPP information for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Invert elevations and location of manholes, catch basins, and outfall culverts on main portion of campus Produce map for Glensheen Review and update map for Limnology Add wetland delineations to main campus map Review and update map for NRRI Review and update map for lower campus Update existing main campus storm water map for new construction</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Invert elevations and location of MH, CB, and outfall culverts on main portion of campus - Done 2003 Produce map for Glensheen - Done 2004 Review and update map for Limnology - Done 2005 Add wetland delineations to main campus map - Done 2007 Review and update map for NRRI -Done 2006 Review and update map for lower campus - Done 2007 Update existing main campus storm water map for past years new construction - Annual</p>
<p><b>Specific Components and Notes:</b></p> <p>Show ponds, streams, lakes and wetlands. Show structural pollution control devices that are part of the systems. Show all pipes 12 inches in diameter and greater. Include smaller size pipe if possible. Show ownership of conveyances and outfalls from UMD systems. Number manholes, catch basins, and outfalls. Show sub watershed divisions if applicable.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Erik Larson Department: Facilities Management Phone: 218-726-6915 E-mail: elarson@d.umn.edu</p>

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