

## BMP Summary Sheet

**MS4 Name:** University of Minnesota, Twin Cities

**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

**Unique BMP Identification Number:** 6B.03 (MS4 2020: 21.8, 21.10, 21.11, 21.13, 21.14)

**BMP Title:** Inspection & Maintenance of Ponds

**BMP Description:**

The University inspects all University owned ponds annually during the annual BMP inspections. The overflow structures and piped inlet/outlet locations are inspected during the structural BMP inspections and the vegetation is inspected during the Biological BMP inspections (see BMP 6B.01). Any signs of illicit discharge are recorded on the inspections. When feasible, inspections take place during dry weather conditions (a minimum of 72 hours after a precipitation event).

Knowing the amount of sediment that has accumulated in the bottom of a pond is essential for determining when dredging is required to maintain the effectiveness of the pond. The University will take depth measurements of its ponds once every permit cycle, as outlined in SOP EM-4.02-004 Pond Maintenance – Pond Depth Measurements.

The University has completed an initial TSS/TP assessment for each pond, per SOP EM-4.02-005 Pond Maintenance – Pond TSS and TP Assessment. Each pond will be re-evaluated as needed.

Any pond excavation or removal activity is documented in the Pond Maintenance – Sediment Excavation & Removals Documentation worksheet.

**Measurable Goals:**

Number of ponds  
Number of ponds inspected, annually

**Timeline/Implementation Schedule:**

Pond Inspections, annually with structural BMP inspections and Bio BMP inspections  
Pond Depth Measurements, completed at least once per MS4 permitting cycle and/or after dredging  
TSS/TP Assessment, completed after ponds have been turned over to Facilities Management to maintain, and re-evaluated, per SOP EM-4.02-005 Pond Maintenance – Pond TSS & TP Assessment  
Pond Maintenance – Sediment Excavation & Removals Documentation, worksheet completed after any pond excavation or sediment removal

**Specific Components and Notes:**

EM SOP 4.02-004 Pond Maintenance – Pond Depth Measurements  
EM SOP 4.02-005 Pond Maintenance – Pond TSS & TP Assessment  
Pond Maintenance – Pond Sediment Excavation & Removals Documentation  
BMP 6B.01 Inspection & Maintenance of Structural Pollution Control Devices  
PM-WSWR-004: Annual Inspection of Sediment Devices & Underground Retention Systems  
PM-WSWR-005: Annual Inspection of Biological BMPs  
“BMP Training” Stormwater Training Document (Google Drive)

**Responsible Party for this BMP:**

Name: Catherine Abene, P.E.  
Department: Principal Civil Engineer, Energy Management  
E-mail: abene@umn.edu