

Appendix Table X1. Description of surface water sampling method by different groups contributing to extensive phosphorus dataset.

Entity	Stormwater pond sample collection protocol	Laboratory for P analysis
Finlay Group, University of Minnesota	Water samples collected by integrating five water samples from different locations from the surface of the pond, or just below the surface if the pond surface is covered by duckweed/algae.	Department of Ecology, Evolution & Behavior
Gulliver Group, University of Minnesota	Water samples collected by integrating five water samples from different locations from the surface of the pond, or just below the surface if the pond surface is covered by duckweed/algae.	Saint Anthony Falls Laboratory
City of St. Cloud	Grab samples collected with a sample pole from shore on the pond at two locations in 2014 and one location in 2015.	City's Wastewater Treatment facility certified lab.
City of Bloomington	5-6 liters of pond water was collected with pole sampler at one location per site.	Tri-City/William Lloyd Analytical Laboratory
Mississippi Watershed Management Organization (MWMO)	During 2008-2011, monthly grab samples collected 1-ft below pond surface from April-September from 2-3 locations per site. Starting 2012, a single monthly grab sample collected year-round.	Metropolitan Council Environmental Services Laboratory
Capital Region watershed District (CRWD)	A single grab sample collected by dipping a 4-L sterilized bottle immediately below the surface of the water either from the pond center or near-shore.	Metropolitan Council Environmental Services Laboratory
Riley Purgatory Bluff Creek Watershed District (RPBCWD)	Water samples collected by integrating three water samples collected at or near the surface using a 500 mL bottle attached to a 10 ft pole or sampling stick.	RMB Environmental Laboratories, Inc
City of Eagan	A single grab sample collected mid-pond at the pond surface with a hollow plastic tube such that the sample is an integrated core of water from 0 to 1-m depth. Water sampling protocol has remained standard from 1991 to present.	RMB Environmental Laboratories, Inc (current); Pace Laboratories and Braun Intertec in the past
City of Woodbury	A single grab sample collected from a 3-ft depth area in a pond at 1 ft below the pond surface. Contracted monitoring efforts with Blue Water Science (Steve McComas).	Minnesota Valley Testing Laboratories, Inc.