

Appendix A

(as amended 3/4/2025)

The current Upper Rum River joint powers agreement (JPA)
can be found at www.URRWMO.org

APPENDIX B

URRWMO Planning Communication Log

URRWMO Planning Communication Log				
Date	Medium	From	To	Topic
Mar-19				
3/6/2019	email	MSA	Jamie Schurbon, ACD	Guidance Documents
3/5/2019	email	Jamie Schurbon, ACD	MSA	Public Hearing thoughts
3/1/2019	email	MSA	URRWMO Stakeholders	Public Hearing Notice and Board responses to 60-day plan comments
Feb-19				
2/27/2019	email	Jamie Schurbon, ACD	URRWMO	March 5 meeting reference removal from website
2/22/2019	email	Jamie Schurbon, ACD	MSA	URRWMO Measureable Goals
2/20/2019	phone	Dan Fabian, BWSR	MSA	URRWMO 60-day plan comments and updated reporting forms
2/20/2019	email	Dan Fabian, BWSR	John West, URRWMO Chair	Board meeting
2/19/2019	email	Jamie Schurbon, ACD	MSA	URRWMO Plan edits
2/11/2019	email	Jeanne Daniels, DNR	MSA	URRWMO 60-day plan comments
2/11/2019	email	Dan Fabian, BWSR	MSA	URRWMO 60-day plan comments
2/11/2019	email	Emily Resseger, MCES	MSA	URRWMO 60-day plan comments
2/11/2019	email	Jamie Schurbon, ACD	MSA	URRWMO 60-day plan comments
2/4/2019	email	Jamie Schurbon, ACD	MSA	URRWMO 60-day plan comments
2/4/2019	email	Karen Blaska, Anoka County	MSA	URRWMO 60-day plan comments
Jan-19				
1/28/2019	email	Bart Biernat, Anoka County	MSA	Water Task Force 4/24/2019 meeting
1/28/2019	email	Beth Neuendorf, MNDOT	MSA	URRWMO 60-day plan comments
1/24/2019	email	Ginger Berg, Bethel	MSA	URRWMO meeting attendance
1/24/2019	email	Bart Biernat, Anoka County	MSA	URRWMO 2019 Coordinator Services
1/18/2019	email	MSA	Bethel	Bethel attendance at URRWMO meetings
1/18/2019	email	MSA	Ham Lake	Member costs in Draft plan
1/18/2019	email	MSA	Member Communities	URRWMO 2019 Coordinator Services
1/18/2019	email	Jamie Schurbon, ACD	MSA	URRWMO 2019 Coordinator Services
Dec-18				
12/27/2018	email	Bart Biernat, Anoka County	MSA	URRWMO 60-day plan comments
12/21/2018	email	Dan Fabian, BWSR	MSA	Website Feedback
12/21/2018	email	Dan Fabian, BWSR	URRWMO Stakeholders	URRWMO 60-day plan deadline
12/18/2018	email	Bonnie Finnerty, MPCA	MSA	URRWMO 60-day plan comments
12/14/2018	email	MSA	URRWMO Stakeholders	URRWMO 60-day plan submittal
12/14/2018	email	MSA	Jamie Schurbon, ACD	URRWMO 2019 Coordinator Services
12/14/2018	email	MSA	URRWMO Stakeholders	URRWMO 60-day plan submittal
Nov-18				
11/20/2018	email	Jamie Schurbon, ACD	MSA	URRWMO 2019 Coordinator Services
11/20/2018	email	Jamie Schurbon, ACD	MSA	TAC Follow-up
11/20/2018	meeting	MSA	TAC	TAC meeting
11/20/2018	email	Jamie Schurbon, ACD	MSA	East Twin Lake monitoring
11/15/2018	meeting	MSA	MSA, ACD, URRWMO members	Monitoring Site Selection
11/13/2018	email	Jamie Schurbon, ACD	MSA	Monitoring Site Selection
11/13/2018	email	Bart Biernat, Anoka County	MSA	Culvert Inventory
11/2/2018	email	MSA	URRWMO Stakeholders	TAC meeting invitation
11/1/2018	email	MSA	BWSR and ACD	TAC meeting coordination
Oct-18				
10/31/2018	email	MSA	BWSR and ACD	TAC meeting coordination
10/31/2018	email	Jamie Schurbon, ACD	MSA	URRWMO monitoring site selection
10/31/2018	email	Dan Fabian, BWSR	MSA	URRWMO monitoring site selection
10/29/2018	email	Jamie Schurbon, ACD	MSA	Plan Comments
10/25/2018	email	St. Francis	URRWMO	St. Francis WQ improvements
10/24/2018	email	Jamie Schurbon, ACD	MSA	October 30 Meeting
10/24/2018	email	Dan Fabian, BWSR	MSA	October 30 Meeting
10/21/2018	email	MSA	Bart Biernat, Anoka County	Know the Flow
10/21/2018	email	MSA	Jamie Schurbon, ACD	Website
10/11/2018	email	MSA	Jamie Schurbon, ACD	Lake George Plan Status
Sep-18				
9/28/2018	email	Lan Tornes	Paul Teicher, St. Francis	St. Francis WQ improvements
9/19/2018	email	MSA	Jamie Schurbon, ACD	Rum River Inventory
9/18/2018	meeting	MSA	Dan Fabian, BWSR	Plan Status
9/10/2018	email	MSA	Tom Collins, Ham Lake	Plan Comment
Aug-18				
8/27/2018	meeting	MSA/URRWMO	Oak Grove	Plan Status
8/23/2018	meeting	MSA/URRWMO	East Bethel	Plan Status
8/20/2018	meeting	MSA/URRWMO	Ham Lake	Plan Status
8/20/2018	meeting	MSA/URRWMO	St. Francis	Plan Status
8/16/2018	meeting	MSA/URRWMO	Bethel	Plan Status
8/15/2019	meeting	MSA/URRWMO	Nowthen	Plan Status
Jun-18				
6/6/2018	meeting	MSA	Dan Fabian, BWSR	Plan Status
May-18				
5/25/2018	meeting	MSA/URRWMO	Jamie Schurbon, ACD	WMO Administration
Dec-18				
12/8/2018	meeting	MSA	Dan Fabian, BWSR	Plan Status
Jul-17				
7/12/2017	email	MSA	Bonnie Finnerty, MPCA	Plan Comment
7/11/2017	email	Bonnie Finnerty, MPCA	MSA	Plan Comment

URRWMO Planning Communication Log				
Date	Medium	From	To	Topic
Jun-17				
6/7/2017	email	Benjamin Gozola	MSA	Funding Inquiry
6/1/2017	email	MSA	Jamie Schurbon	Public Hearing Date for Website
May-17				
5/26/2017	email	MSA	Dan Fabian	Project Update
5/19/2017	email	MSA	Dan Fabian	Project Update and Plan Comments
5/18/2017	email	Dan Fabian	MSA	Project Update Status Request
5/10/2017	email	Jamie Schurbon	MSA	Rum WRAPS on Public Notice
Apr-17				
4/11/2017	email	Jamie Schurbon	MSA	Project Ideas
4/3/2017	email	Jamie Schurbon	MSA	April Meeting Cancellation
Mar-17				
3/20/2017	email	Dan Fabian	MSA	2017 CWF Grants
Feb-17				
2/6/2017	email	Reed Larson	MSA	Plan Comments
2/9/2017	email	Mark Korin	MSA	Plan Comments
2/10/2017	email	Dan Fabian	MSA	Plan Comments
2/10/2017	email	Emily Resseger	MSA	Plan Comments
2/11/2017	email	MSA	Dan Fabian	Oak Grove Plan Comments
2/13/2017	email	MSA	Dan Fabian	60-day comment period
2/13/2017	vmail	Jeanne Daniels	MSA	Plan Comments ETA 2/15/17
2/14/2017	email	Bart Biernat	MSA	AIS Grant Application
2/15/2017	email	Jeanne Daniels	MSA	Plan Comments
Jan-17				
1/18/2017	email	Jack Forslund	MSA	Plan Comments
1/20/2017	email	Kate Drewry	MSA	Difficulty getting plan
1/22/2017	email	Todd Haas	MSA	Plan Comments
1/23/2017	email	MSA	Jamie Schurbon	Plan Link
1/26/2017	email	MSA	Dan Fabian	Forwarded Ham Lake and Anoka Comments
1/26/2017	email	John Freitag	MSA	MDH has no comments
1/27/2017	email	Beth Neuendorf	MSA	Carryover of 3rd Generation plan standards
1/30/2017	email	MSA	Beth Neuendorf	Carryover of 3rd Generation plan standards
1/31/2017	email	Jamie Schurbon	MSA	Plan Comments
Dec-16				
12/7/2016	email	MSA	URRWMO Board, Member Communities, Bart Biernat, Jamie Schurbon, Todd Haas, Kate Drewry, John Freitag, Jeff Berg, Judy Sventek, Juline Holleran, Dan Fabian, Kathy Berkness, Jean Daniels	Board-Approved Draft Plan and Review Letter
12/7/2016	email	Jamie Schurbon	MSA	Posting URRWMO to Website
12/7/2016	email	Dan Fabian	MSA	Plan Review Roster and submittal requirements
12/7/2016	email	Dan Fabian	MSA	Posting Plan on Website
12/7/2016	email	Dan Fabian	MSA	Additional Website comments
12/7/2016	email	Dan Fabian	MSA	Website links are working
12/7/2016	email	Todd Haas	MSA	Received Plan
12/20/2016	email	Dan Fabian	MSA	Confirmation of receipt of materials
12/22/2016	email	Tom Collins	MSA	Plan Comments
12/22/2016	email	Dan Fabian	MSA	Forwarded Tom Collin Comments
Nov-16				
11/1/2016	in person	MSA	URRWMO Board	Transmittal of Draft Watershed Plan - Revised chapters 4 and 5
11/7/2016	Phone Call	Randy Bettinger	MSA	Comments on Draft Plan
11/18/2016	email	John West	MSA	Comments on Draft Plan (budget values)
11/21/2016	email	Lan Tornes	MSA	Comments on Draft Plan
11/21/2016	email	Kevin Armstrong	MSA	Comments on Draft Plan (no comments)
11/21/2016	email	Jamie Schurbon (ACD)	MSA	Transmittal of Draft Rum River WRAP report
Oct-16				
10/30/2016	email	MSA	URRWMO Board	Transmittal of Draft Watershed Plan
Sep-16				
9/1/2016	email	MSA	URRWMO Board	Transmittal of Memorandums - 1.) Summary of Issues and Priorities, 2.) Summary of Board Priorities, 3.) Estimated annual budget, 4.) Draft Plan Executive Summary
9/11/2016	email	Lan Tornes	MSA	Comments on Draft Plan Executive Summary
9/13/2016	email	Kevin Armstrong	MSA	Comments on Draft Plan Executive Summary (no comments)
Jul-16				
7/1/2016	email	MSA	Public Works directors of member communities, Kate Drewry, Karen Jensen, Jamie Schurbon, Dan Fabian; copied to URRWMO Board	TAC meeting invitation
7/1/2016	email	MSA	URRWMO Board	CAC invitation - send to interested persons
7/1/2016	email	MSA	Jamie Schurbon, ACD	Request for water quality data and annual reports not posted to URRWMO website

URRWMO Planning Communication Log				
Date	Medium	From	To	Topic
7/5/2016	email	Jamie Schurbon, ACD	MSA	Reply to request on 7/1 with requested data
7/5/2016	email	Karen Jensen, METC	MSA	Clarification of TAC invitation; Joe Mulcahy will be attending in her place; several follow up emails from MSA and METC
7/5/2016	email	Dan Fabian, BWSR	MSA	Suggestion to invite Bonnie Finnerty, MPCA, to TAC and involve with Plan since WRAPP is an important component
7/7/2016	email	Anoka government	MSA	Notice of revetments on the Rum River – Grants Available to Landowners
7/7/2016	In person			Plan meeting - discussed Open House,
7/11/2016	email	MSA	Sherry Fiskewold, Oak Grove City Clerk	Contribution to the City of Oak Grove newsletter informing the public about the URRWMO Plan Update
7/12/2016	email	MSA	Member city administrators and clerks	Estimate of program costs based on comments received; solicitation for input from individuals on their goals and priorities - requested it be forwarded on to Council and Staff; encouraged participation in CAC/TAC
7/12/2016	email	MSA	URRWMO Board	Estimate of program costs based on comments received; solicitation for input from individuals on their goals and priorities; encouraged participation in CAC/TAC
7/12/2016	email	MSA	Bonnie Finnerty, MPCA	TAC meeting invitation (was missed on original invitation list)
7/13/2016	email	Shane Nelson, City of Nowthen	MSA	Shane Nelson, Corrie LaDoucer and Joe Glaze are planning to attend the TAC meeting on behalf of Nowthen (staff)
7/13/2016	email	MSA	Dan Fabian, BWSR	Transmitted electronic copy of Open House BWSR questionnaire responses and analysis done by MSA including memo
7/14/2016	email	MSA	Member cities	Request for copies of local water management plans
7/14/2016	email	Member cities	MSA	Received local water plans (individual messages but combined here for simplicity)
7/14/2016	email	Lan Tornes, URRWMO Board Member	MSA	Goals for URRWMO plan
7/14/2016	email	Bonnie Finnerty, MPCA	MSA	Comments on Plan update and priorities/concerns: will not be attending TAC
7/15/2016	email	Lan Tornes, URRWMO Board Member	MSA	Plan cost feedback
7/15/2016	email	Randy Bettinger, URRWMO Board Member	MSA	City of Nowthen plan cost feedback
7/18/2016	email	Kevin Armstrong, URRWMO Board member	MSA	Plan feedback and goals and principles
7/18/2016	phone, email follow up	MSA	Jamie Schurbon, ACD	Called to ask what direct role URRWMO would need to play with regard to the Buffer Map/Governor's Buffer Initiative; for now, mostly lies with local government and other agencies to enforce, URRWMO should help educate and get the word out
7/19/2016	email	Rich Wiitala, City of Beth Council Member	MSA	City of Bethel response on budget increase
7/19/2016	email	Steve Kane, Mayor, City of St. Francis	MSA	City of St. Francis response to budget increase
7/19/2016	email	Denise Webster, City of Ham Lake Clerk	MSA	City of Ham Lake response to budget increase
7/19/2016	email	Tom Johnson, City of Ham Lake Council	MSA	City of Ham Lake response to budget increase
7/20/2016	email	Brian Kirkham, City of Beth Council Member	MSA	Bethel City comments on 10 year plan and budget increase
7/20/2016	In person			Technical Advisory Committee (TAC) meeting at 2:00 PM
7/20/2016	In person			Citizens Advisory Committee (CAC) meeting at 6:30 PM
7/20/2016	email	MSA	Dan Fabian, BWSR	Provided digital copy of TSI and TP graphs presented at TAC
7/21/2016	email	MSA	Dan Fabian, BWSR	Request for copy of Lake George grant application and summary of other potential grants WMO would be eligible for
7/21/2016	email	MSA	Kate Drewry, MnDNR	Request for more information on a plan for the easement/property acquisition grants/programs-by-others that was mentioned at TAC; request for summary of grants that the WMO may be eligible for
7/22/2016	email	Kate Drewry, MnDNR	MSA, other state/regional agencies	Links to information on land protection options and grant opportunities
7/25/2016	email	Kate Drewry, MnDNR	MSA, BWSR, ACD, DNR	Information on the Anoka Sandplain Partnership and encouragement to join and financially support this group
7/27/2016	email	MSA	URRWMO Board	Client feedback survey
7/28/2016	email	Julie Blackburn, RESPEC Consulting & Services	WRAPP partners	Request from partners for input on restoration and protection scenarios for the Rum River watershed
Jun-16				
6/6/2016	In person			Plan meeting - approved Plan schedule, set CAC/TAC date, set next Plan meeting dates, approved website updates, reiterated imperative to reach out to public/get the word out about Open House, initial discussion of new items to potentially incorporate into Plan; minutes posted on URRWMO website
6/6/2016	email	MSA	URRWMO Board	Draft Open House notification letter for Board approval
6/6/2016	email	MSA	Bonnie Finnerty, MPCA	Invited to speak at URRWMO Open House; declined
6/7/2016	email	MSA	MSA	Establish preliminary cost estimate for farm buffer easements and other farmland improvements
6/7/2016	email	MSA	Lan Tornes, URRWMO Board	Comments on notification letter re: Open House; signed final version received 6/13/16 via email

URRWMO Planning Communication Log				
Date	Medium	From	To	Topic
6/8/2016	email	Tom Collins, URRWMO Board member	MSA	Ham Lake comments on potential action items that were presented at 6/6 meeting
6/12/2016	email	MSA	Dan Fabian, BWSR	Transmitted Plan schedule approved by Board; asked if would consider speaking at Open House; notice of CAC/TAC date; notice of website updates to include feedback tool and link to URRWMO website from member cities' websites
6/13/2016	email	Dan Fabian, BWSR	MSA	Response to 6/12/16 email; agreement to speak at Open House, reminder of notification timeline, reminder to advertise Open House
6/13/2016	email	MSA	URRWMO Board	Signed notification letter received
6/13/2016	email	MSA	Stakeholders	Open House notification
6/14/2016	letter	MSA	Stakeholders	Open House notification
6/16/2016	email	Dan Denno, URRWMO Board Chair	MSA	Comments on the 10-Year Plan update
6/17/2016	email, phone	MSA	MSA	Worked with IT department to create online web meeting for interested persons to attend Open House remotely via a link on the URRWMO website
6/18/2016	email	Lan Tornes, URRWMO Board	MSA	Comments regarding potential Plan action items that were presented at 6/6 meeting
6/21/2016	email	MSA	Dan Fabian, BWSR	Response to 6/13/16 email; equipment available and location of Open House, informed that notice was sent out via email and post
6/22/2016	email	Jamie Schurbon, ACD	MSA	Most recent draft of Rum River WRAP management strategies table - authorized for internal use only
6/22/2016	email	MSA	Jamie Schurbon, ACD	Summary Plan spreadsheet sent for comment and cost estimate; confirmation of speaking at Open House
6/23/2016	email	MSA	URRWMO Board	Request to Board to have each member city post notice of the Open House/Initial Plan meeting on their website and cross-post a link to the URRWMO (this was a follow up reminder since it was discussed at 6/6 meeting)
6/23/2016	email	MSA	URRWMO Board	Request to Board to do what they can to get interested persons to attend Open House and push for public involvement
6/23/2016	email	Bonnie Finnerty, MPCA	MSA	Notice that she will not attend Open House and that Jamie Schurbon will give presentation on WRAPP
6/23/2016	phone	MSA	Holly Nelson, Isanti County	Reminded/personally invited to attend Open House and solicited any questions or feedback
6/23/2016	phone	MSA	Doug Welter, Beaver Brook Sportsman's Club	Reminded/personally invited to attend Open House and solicited any questions or feedback
6/23/2016	phone	MSA	Kriste Ericsson, Friends of the Rum River	Reminded/personally invited to attend Open House and solicited any questions or feedback
6/23/2016	phone	MSA	Wiley Buck, Great River Greening	Reminded/personally invited to attend Open House and solicited any questions or feedback
6/23/2016	phone	MSA	Andrea Brandon, The Nature Conservancy	Reminded/personally invited to attend Open House and solicited any questions or feedback
6/23/2016	phone	MSA	David Tilman, Cedar Creek Ecosystem Science Reserve	Reminded/personally invited to attend Open House and solicited any questions or feedback
6/23/2016	phone	MSA	Trevor Russell, The Friends of the Mississippi River	Reminded/personally invited to attend Open House and solicited any questions or feedback
6/23/2016	email	Dan Fabian, BWSR	MSA	Request for Open House agenda, question about what the URRWMO is doing to ensure public turnout at Open House
6/27/2016	email	MSA	Dan Fabian, BWSR	Transmitted Open House agenda and informed of all methods by which Open House was advertised
6/29/2016	in person			URRWMO Open House/Initial Planning meeting - agenda and minutes posted on URRWMO website
6/30/2016	email	Mary Rainville, City of Nowthen Council Member	MSA	Posted information about the URRWMO Plan update on the Nowthen Bulletin Board Facebook page
May-16				
5/3/2016				Regular Board meeting - minutes posted on URRWMO website
5/18/2016	email	Jamie Schurbon, ACD	MSA	Invitation to attend WRAPP partners meeting; provided 1st draft WRAPP materials
5/18/2016	email	Dan Fabian, BWSR	MSA	Feedback and approval of Plan schedule; WRAPP update
5/24/2016	in person			Chuck Schwartz attended WRAPP meeting on behalf of URRWMO Board
5/24/2016	in person, email follow up on 6/6/16	MSA	Bonnie Finnerty, MPCA	Invited to speak at URRWMO Open House
5/24/2016	in person	MSA	Todd Hass, Andover Assistant DPW and Chair of the LRRWMO	Chuck Schwartz made contact and invited to attend and speak at URRWMO Open House
5/25/2016	email	Jamie Schurbon, ACD	WRAPP Partners	Provided minutes from WRAPP meeting
Apr-16				
4/4/2016	email	Dan Fabian, BWSR	MSA	Example plan schedule to follow, example Plan update
4/4/2016	in person			Plan meeting - minutes posted on URRWMO website
4/5/2016	email	Jamie Schurbon, ACD	WRAPP Partners	Notification of WRAPP meeting to be held April 11; draft of WRAPP management strategies table to be completed by partners
4/6/2016	email	MSA	Jamie Schurbon, ACD	Inquired about any comments received for WRAPP and progress update

URRWMO Planning Communication Log				
Date	Medium	From	To	Topic
4/7/2016	in person			Chuck Schwartz, MSA, met with City of Nowthen for a workshop with Council
4/8/2016	email	WRAPP Partners	Jamie Schurbon, ACD	Notified that WRAPP meeting for April 11 was cancelled; next meeting May 24. May affect release date of WRAPP.
4/8/2016	email	MSA	Dan Fabian, BWSR	Forwarded above message regarding WRAPP cancellation and MSA's concerns for delay
4/11/2016	in person			Chuck Schwartz, MSA, met with City of Oak Grove for a workshop with Council
4/25/2016	email			
4/29/2016	email	Jamie Schurbon, ACD	URRWMO Board, MSA	Annual URRWMO newsletter; also submitted to The Courier
4/29/2016	email	MSA	Dan Fabian, BWSR	Transmitted draft plan schedule for content review before submitting to Board for approval
Mar-16				
3/4/2016	email	Dan Fabian, BWSR	MSA	Forwarded contact information for several additional stakeholders to reach out to; reminded to get pre-approval for the Advisory committees and other means of public and technical participation acceptable to BWSR (8410.0045 Subp. 2)
3/4/2016	email	MSA	Board	Draft letters to send out to agencies and citizen stakeholders
3/7/2016	email	MSA	Jamie Schurbon, ACD	Requested data presented in Annual Reports and any Annual Reports not listed on website
3/8/2016	website			URRWMO scheduled and posted regular meetings and Open House dates
3/8/2016	in person			Plan meeting - Discussed and approved Public Involvement Plan, decided to refer to WRAPS as WRAPP, determined who was appropriate to approve items on Board's behalf, plans to move forward with MSA meeting with individual cities; minutes posted on URRWMO website
3/11/2016	email	MSA	Dan Fabian, BWSR	MSA sent a letter outlining the URRWMO plan for public engagement as discussed at the March 8 th meeting
3/15/2016	email	MSA	Member cities	Request to meet with each member community to discuss Plan update, specific watershed concerns each city may have, and any issues the city would like addressed by the WMO. Attached was a memo of items to guide the discussion.
3/15/2016	email	Dan Fabian, BWSR	MSA	Response to March 11th email and asked follow up questions
3/17/2016	email	MSA	Dan Fabian, BWSR	Response to March 15th email
3/17/2016	in person			Chuck Schwartz, MSA, met with East Bethel staff and engineer
3/18/2016	email	Dan Fabian, BWSR	MSA	Approval of Public Engagement Plan by BWSR; suggestion to update website to include 10-year plan info; request for Plan schedule/timeline
3/20/2016	email	Gail Gessner, URRWMO Recording Secretary	MSA	Provided editable URRWMO letterhead for official correspondence
3/21/2016	in person			Chuck Schwartz, MSA, met with Bethel staff
3/22/2016	in person			Chuck Schwartz, MSA, met with Ham Lake administrator and engineer
3/23/2016	email	URRWMO Board	Citizen groups	Letter to citizen groups informing them of Plan update and inviting participation Sent to: Lake George Conservation Club (mail), Lake George Improvement District, Friends of Rum River, Beaver Brook Sportsman's Club, Great River Greening and the Anoka Sandplain Partnership, Cedar Creek Ecosystem Science Reserve, MN Land Trust, Friends of the Mississippi River
3/24/2016	email	BWSR	URRWMO Board	One Watershed One Plan content and operating requirements approved; RFP available
3/25/2016	email	URRWMO Board	Agencies	Notification of letter sent to citizen groups, invitation to participate: Sent to: City of Bethel, City of East Bethel, City of St. Francis, City of Ham Lake, City of Nowthen, City of Oak Grove, Anoka County, Anoka Conservation District, Lower Rum River WMO, Isanti Co Water Planner, Mille Lacs Co Water Planner, Sherburne Co Water Planner, Sunrise River WMO, The Nature Conservancy, BWSR
3/25/2016	email	Dan Fabian, BWSR	MSA	Information regarding changes to MN Rule 8410
3/25/2016	email	Corrie LaDoucer, City of Nowthen	MSA	Obtained information on City policies and ideas on what they would want in Plan; follow up with in-person meeting with Council on 4/7/16
3/30/2016	email	Jared Voge, City of St. Francis	MSA	Obtained information on City policies and ideas on what they would want in Plan
3/31/2016	phone	MSA	Bonnie Finnerty, MPCA	Inquired as to whether there were any WRAPP updates
Feb-16				
2/8/2016	email	MSA	Jamie Schurbon, ACD	Request of Plan update Notification letter
2/15/2016	in person			Special Meeting - MSA and URRWMO Board discuss 10-Year Plan Update and MSA presents findings from comments review and 2007 Plan; minutes posted on URRWMO website
2/16/2016	email	MSA	Board	Notified Board of new Dropbox account
2/23/2016	phone	MSA	Dan Fabian, BWSR	Discussed CAC/TAC, project timeline, and minimum Plan requirements
2/23/2016	email	MSA	Dan Fabian, BWSR	Follow up to phone call providing MSA contact information
2/23/2016	phone, email	MSA	Bonnie Finnerty, MPCA	Discussed availability of Rum River WRAPS findings and recommendations – no formal information released until mid-May

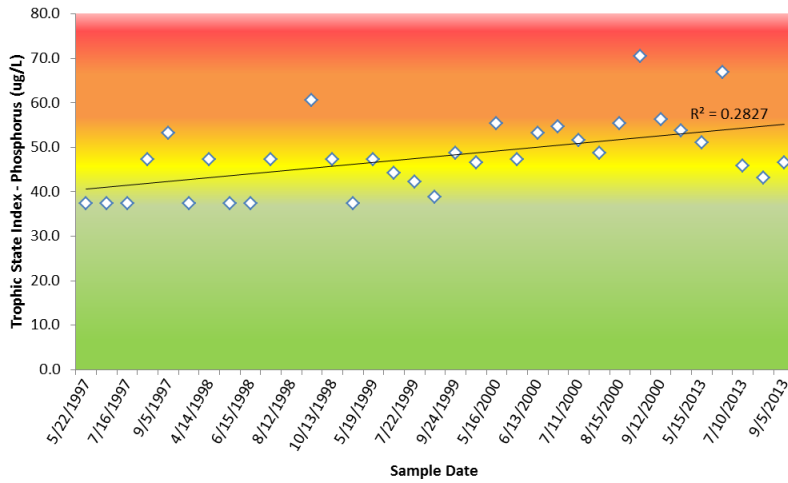
URRWMO Planning Communication Log

Date	Medium	From	To	Topic
2/24/2016	phone, email	MSA	Jamie Schurbon, ACD	Received list of contact information for citizen groups to reach out to, Discussed Rum River WRAPs (Jamie sits on committee), Jamie enrolled MSA in email list to receive minutes from meetings to stay informed until information is released mid-May
2/26/2016	email	MSA	Doug Welter Beaver Brook Sportsman's Club	Doug contacted Jamie Schurbon on behalf of the club and we followed up with a reply
Jan-16				
1/25/2016	email	Jamie Schurbon, ACD	Board	Comments from Plan update
Dec-15				
Nov-15				
11/19/2015	letter, email	Jamie Schurbon on behalf of URRWMO	Stakeholders	Notification of Plan update

APPENDIX C

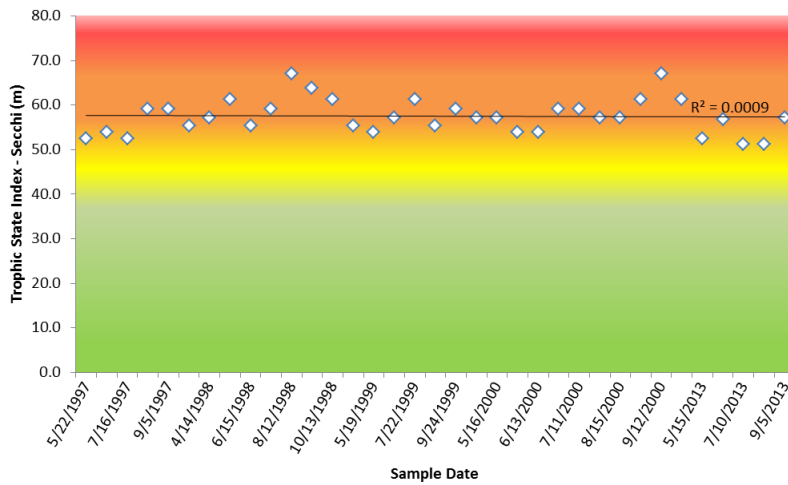
Tropic State Index Graphs and Water Quality Trends

TSI-P - Pickerel Lake



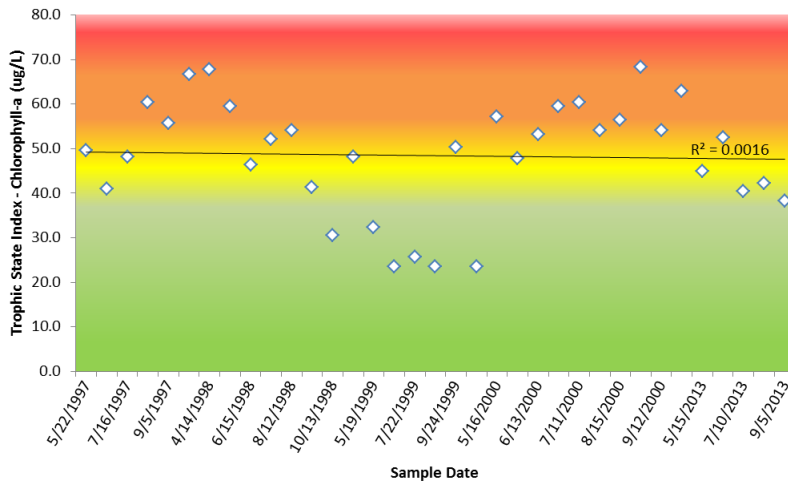
>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

TSI-S - Pickerel Lake



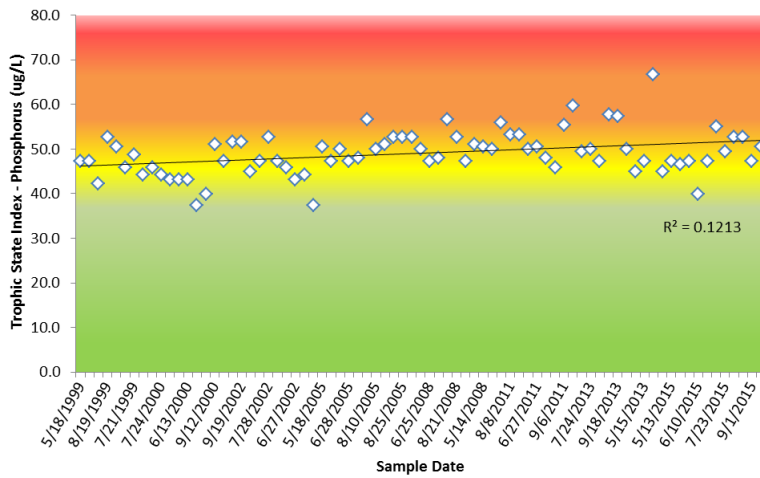
>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

TSI-CI-a - Pickerel Lake



>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

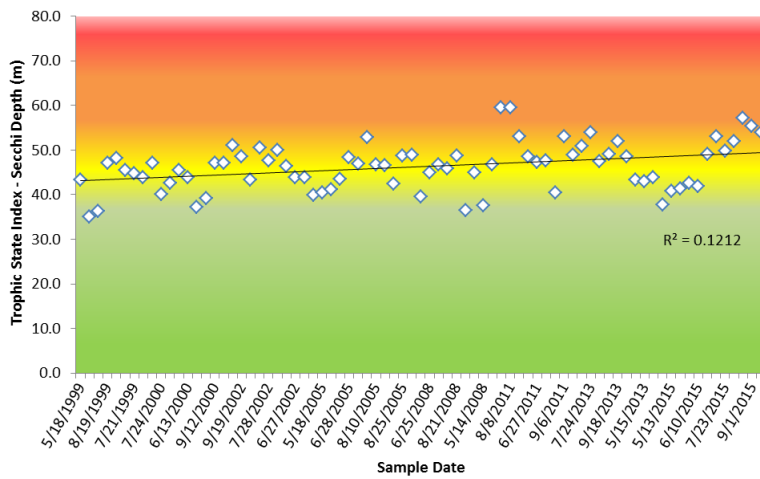
TSI-P - Lake George



>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

Source: Carlson (1977)

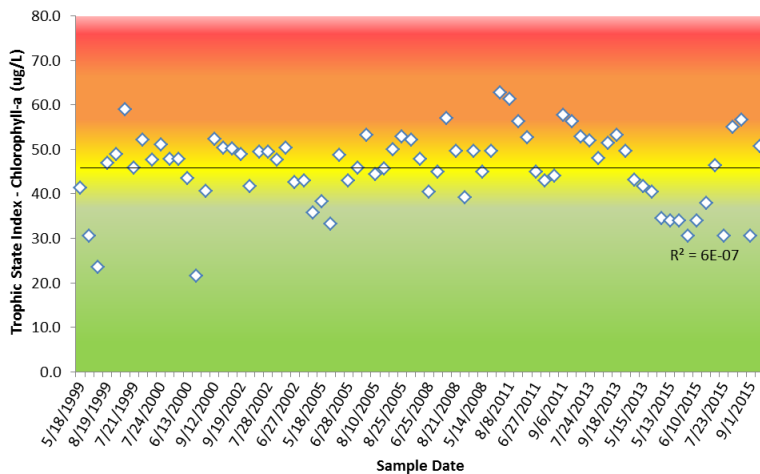
TSI-S - Lake George



>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

Source: Carlson (1977)

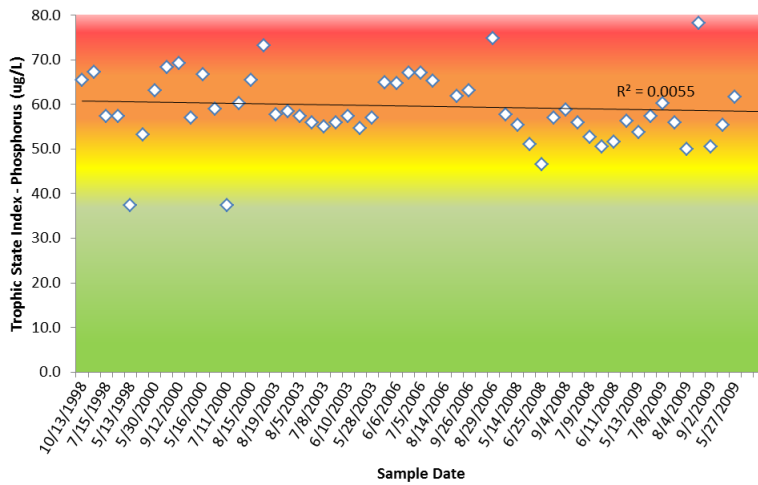
TSI-Chl-a - Lake George



>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

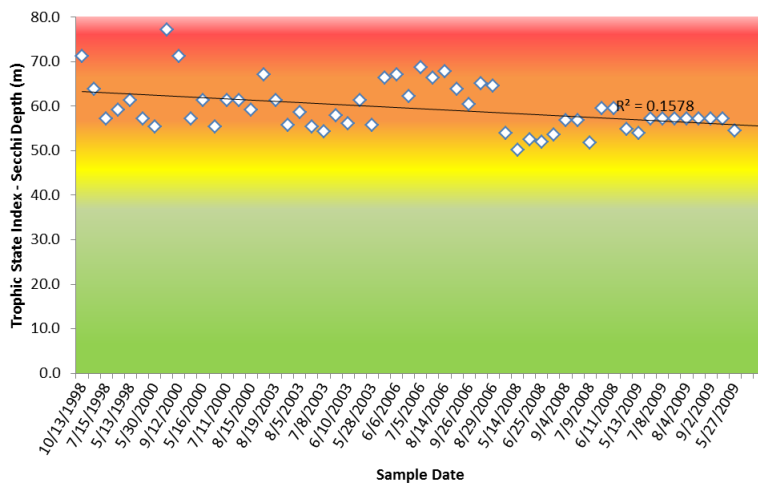
Source: Carlson (1977)

TSI-P - Rogers Lake



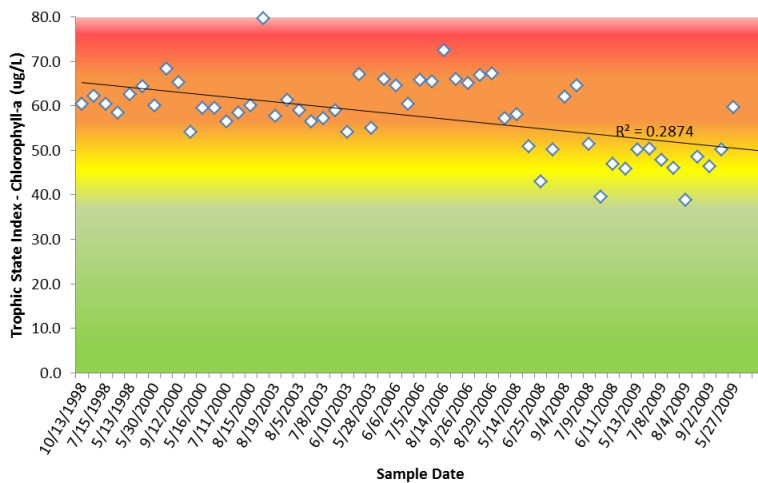
>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

TSI-S - Rogers Lake



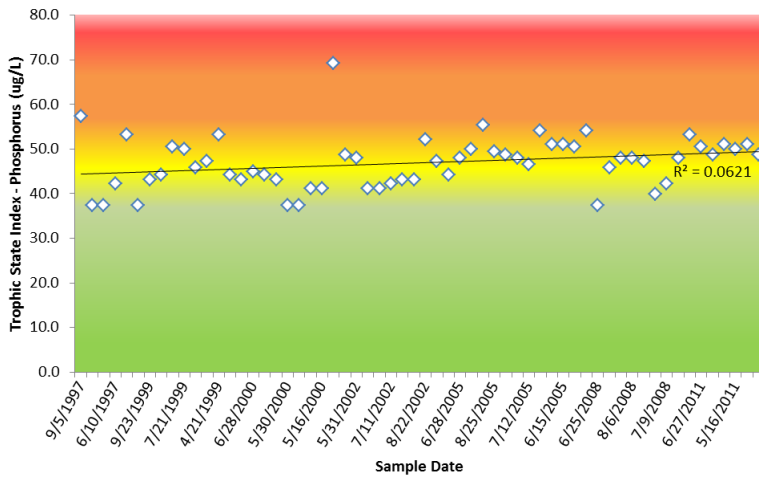
>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

TSI-Chl-a - Rogers Lake



>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

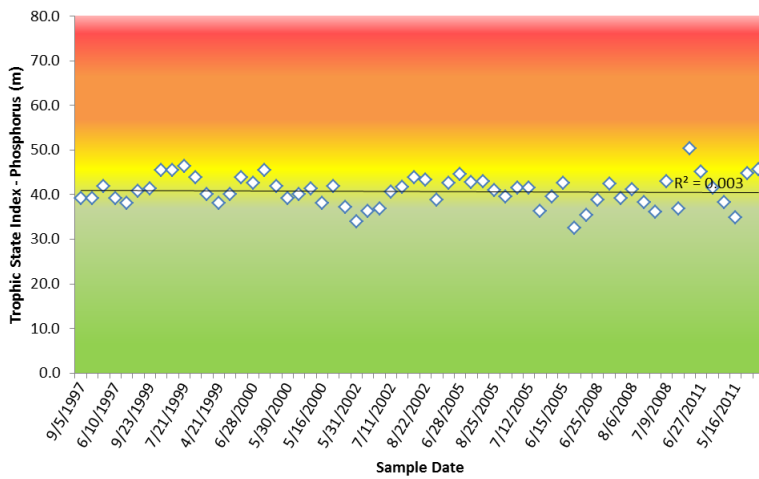
TSI-P - East Twin Lake



>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

Source: Carlson (1977)

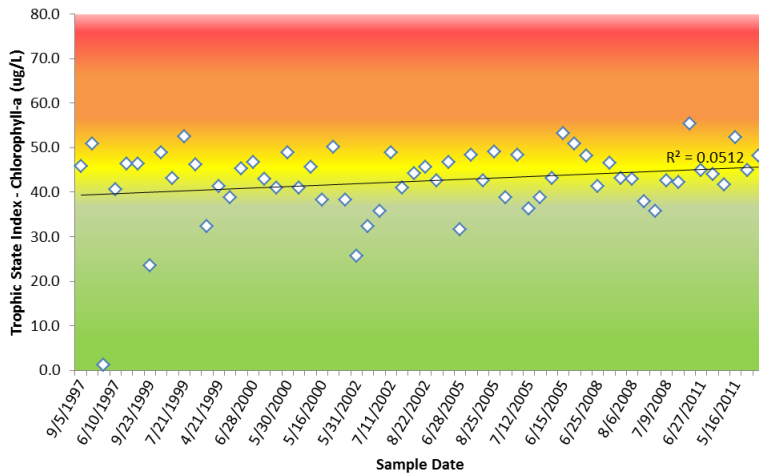
TSI-S - East Twin Lake



>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

Source: Carlson (1977)

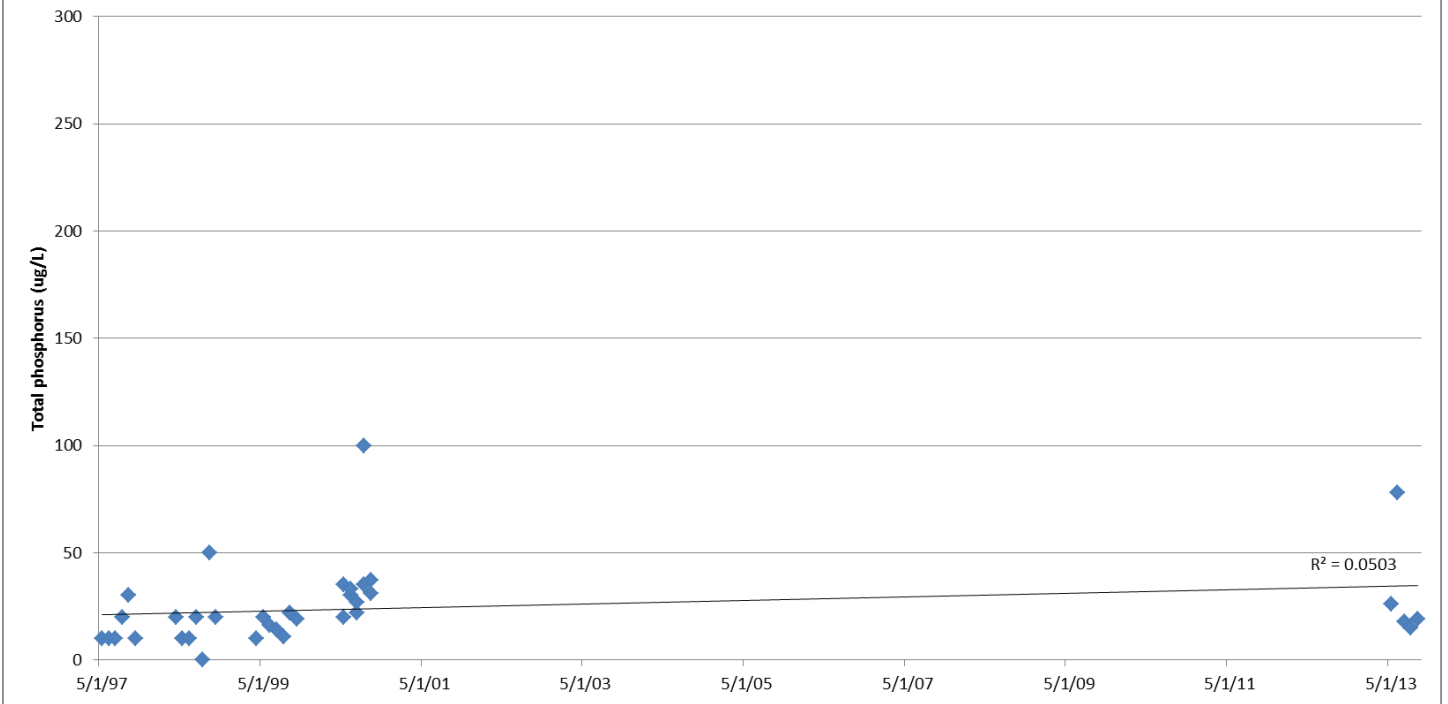
TSI-Chl-a - East Twin Lake



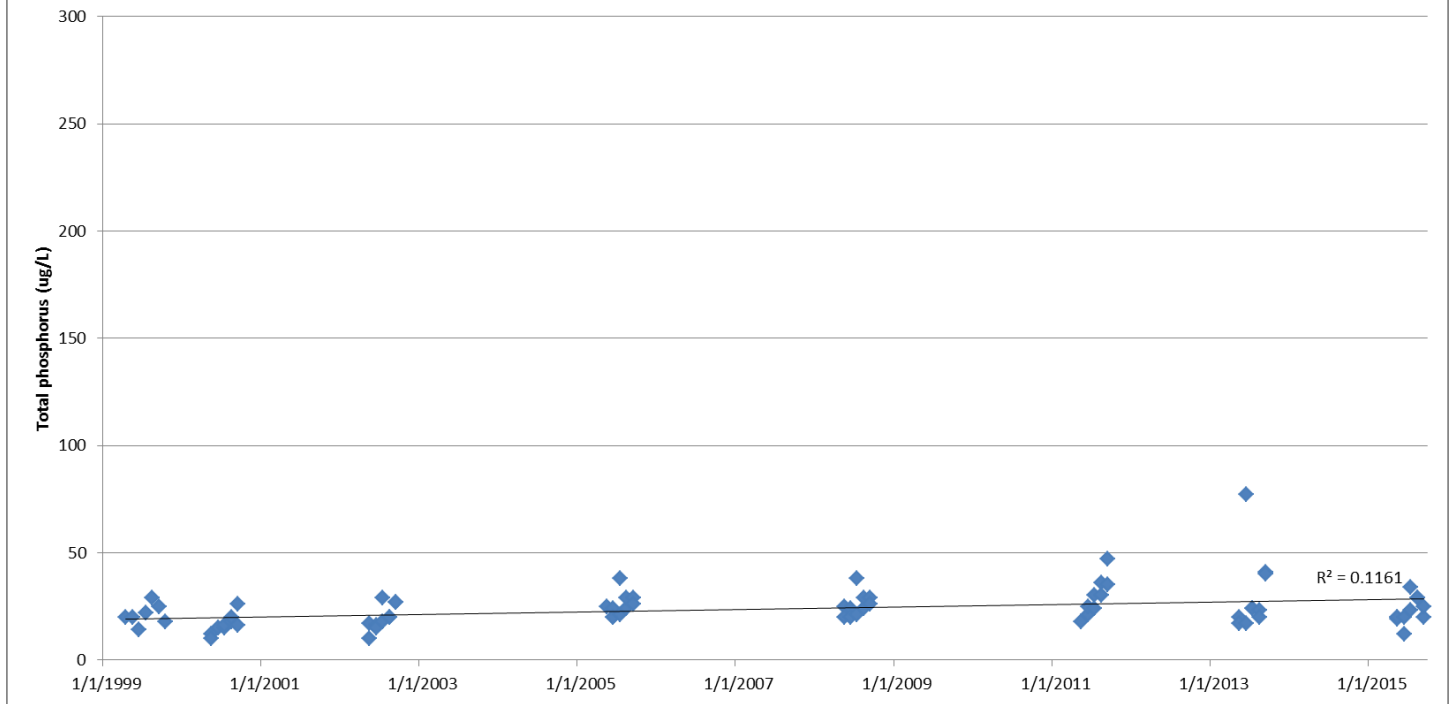
>70: Hypereutrophic - heavy algal blooms possible throughout summer, summer fish kills
 50-70: Eutrophic - decreased transparency, warm-water fisheries only, supportive of all swimmable/aesthetic uses but "threatened"
 40-50: Mesotrophic - Moderately clear water; increasing chance of hypolimnetic anoxia in summer; fully supportive of all swimmable/aesthetic uses
 <30 - 40: Oligotrophic - clear water, high DO throughout the year in the entire hypolimnion

Source: Carlson (1977)

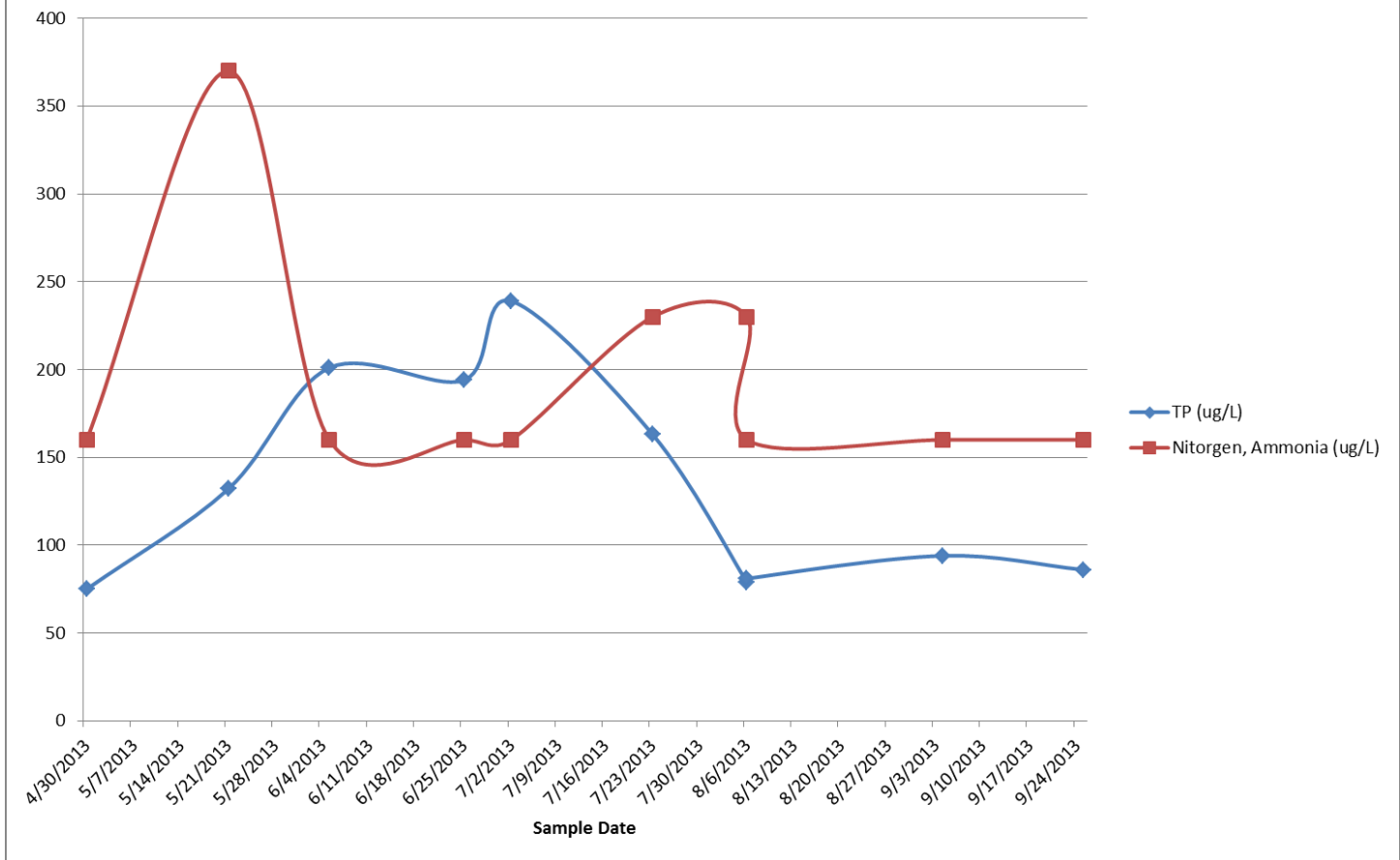
Total Phosphorus Levels - Pickerel Lake



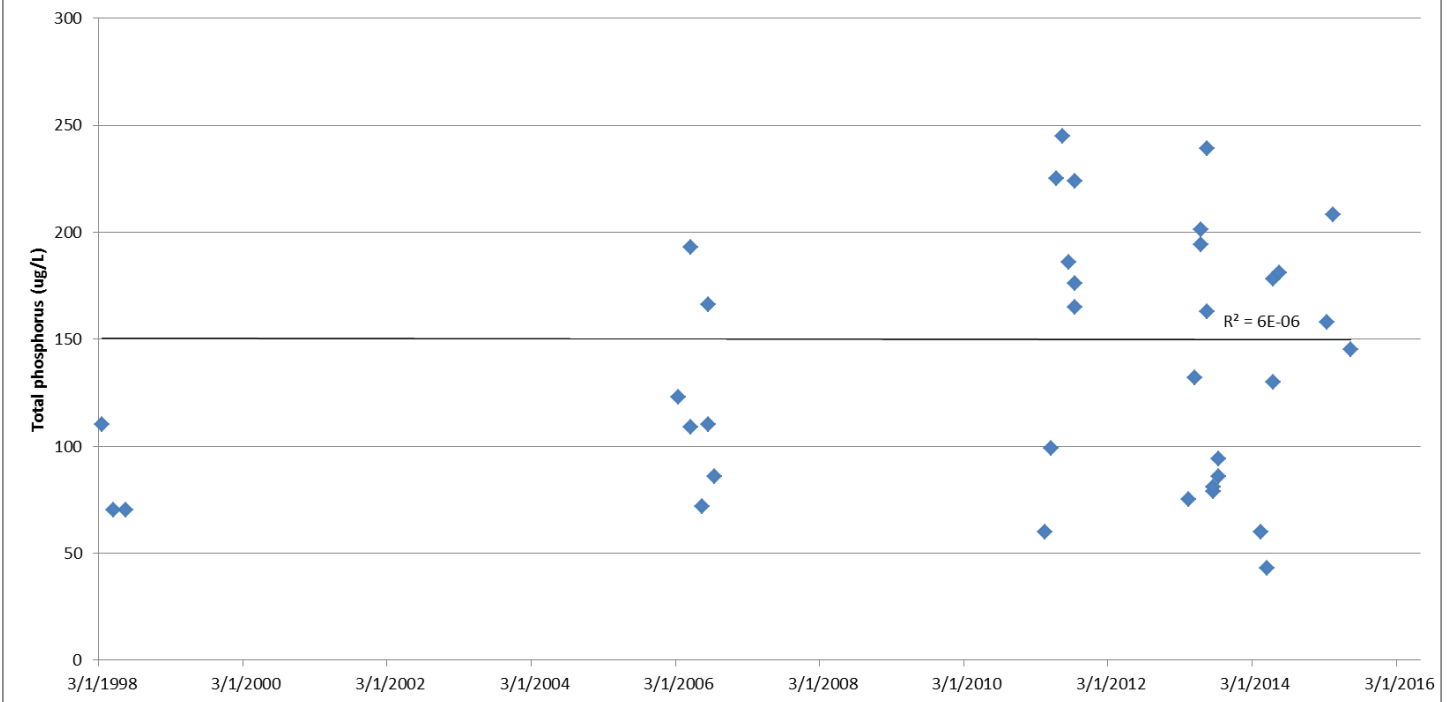
Total Phosphorus Levels - Lake George



2013 Total Phosphorus and Ammonia - Cedar Creek at CR9

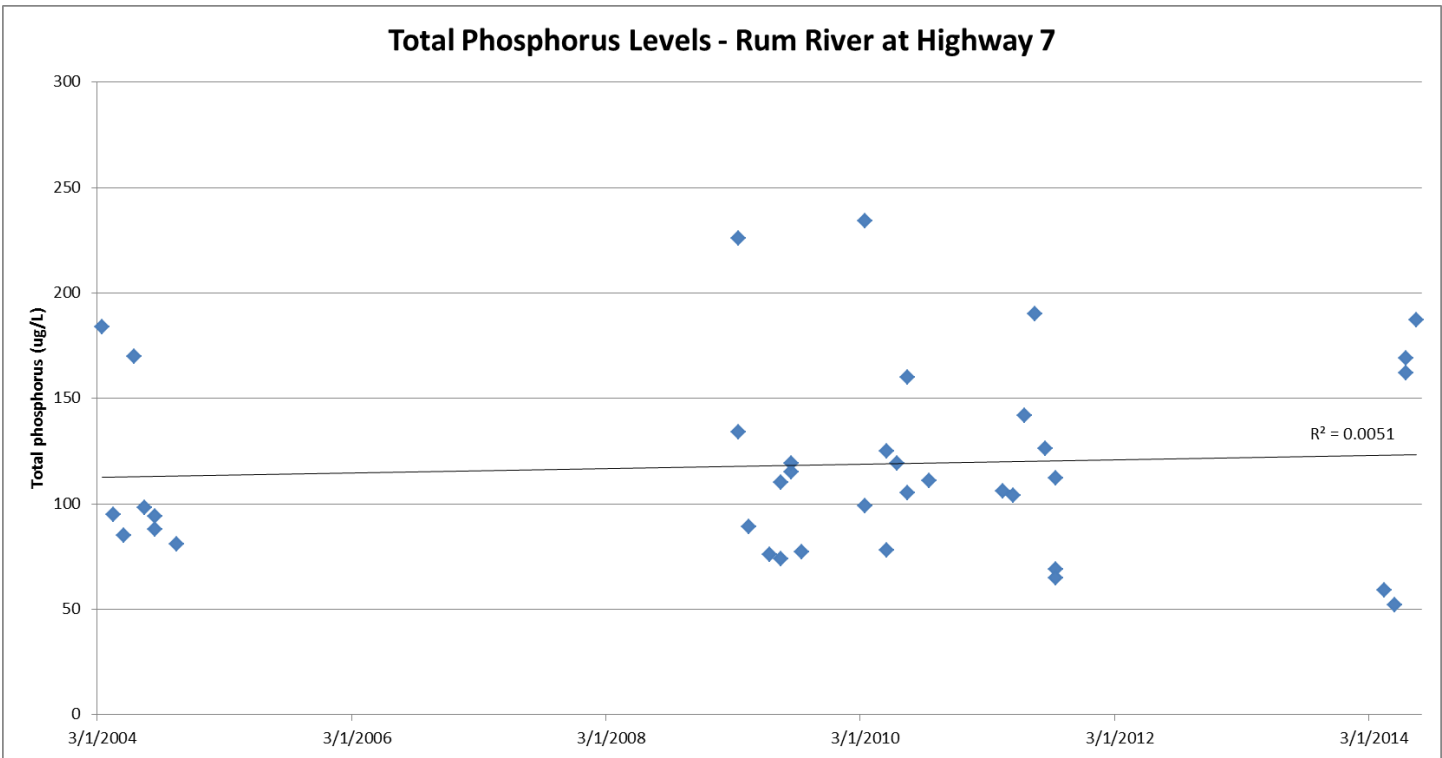
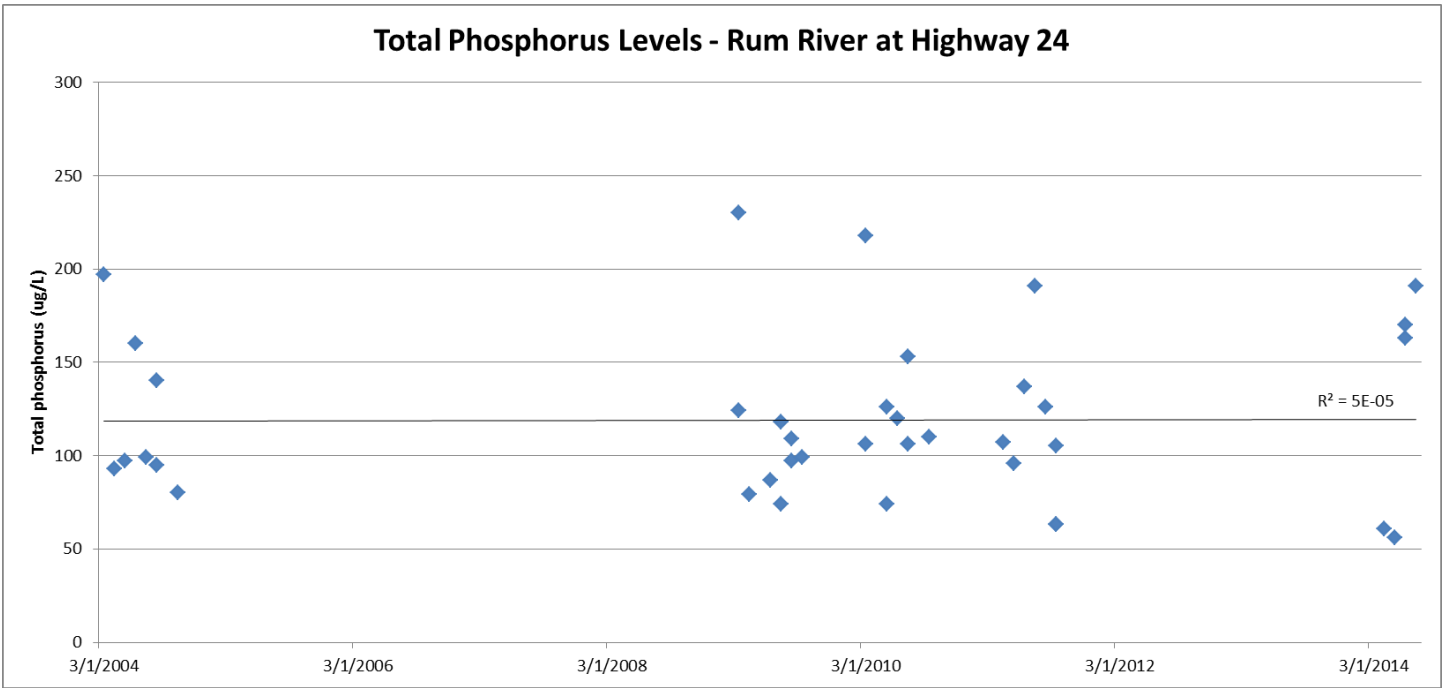


Total Phosphorus Levels - Cedar Creek at Highway 9



Did not use data from Cedar Creek at Fawn Lake Drive (last data was from 2006)

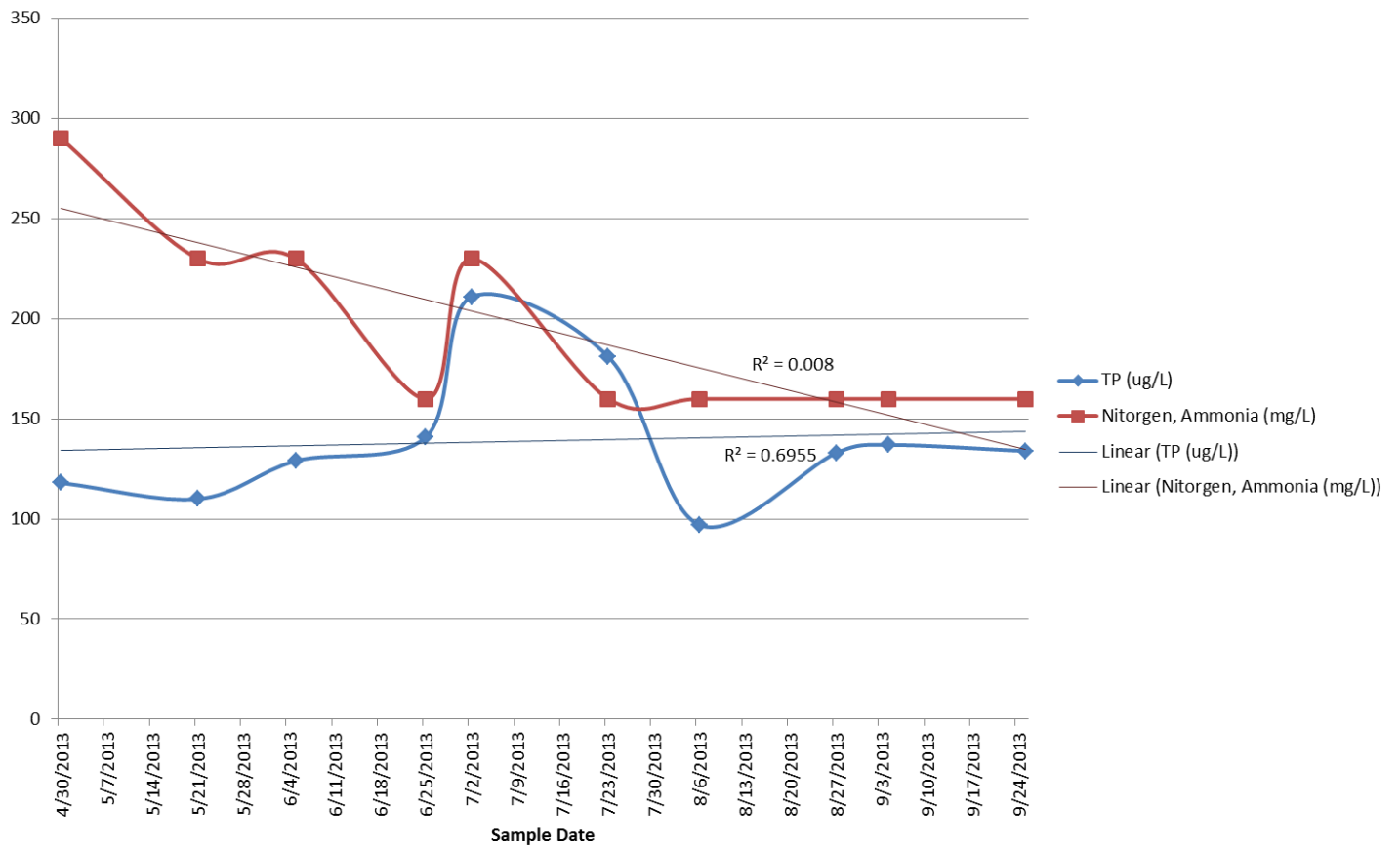
Did not use data from Cedar Creek at Sims Road (one year of data only -2006)



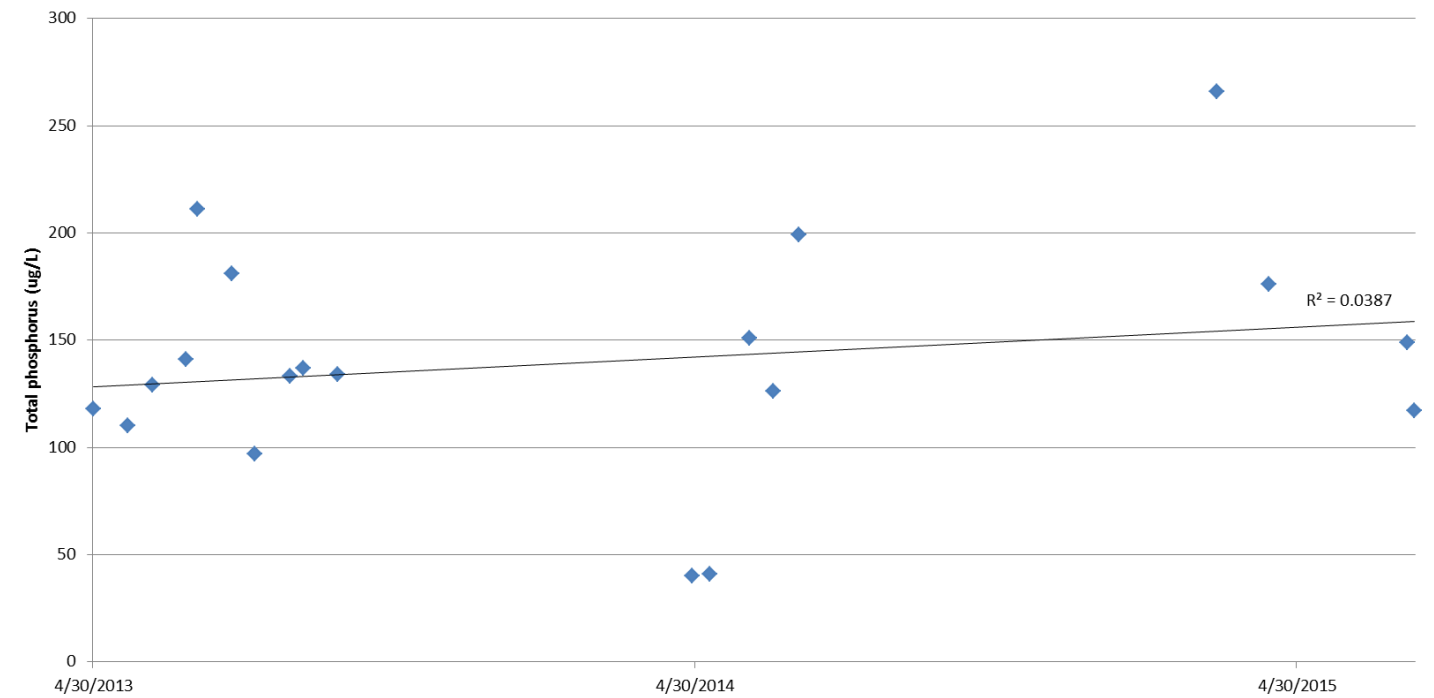
2015 data not yet available online

Did not use data from Rum River at 249th Street or Central Regional Park (one year of data only -1998)

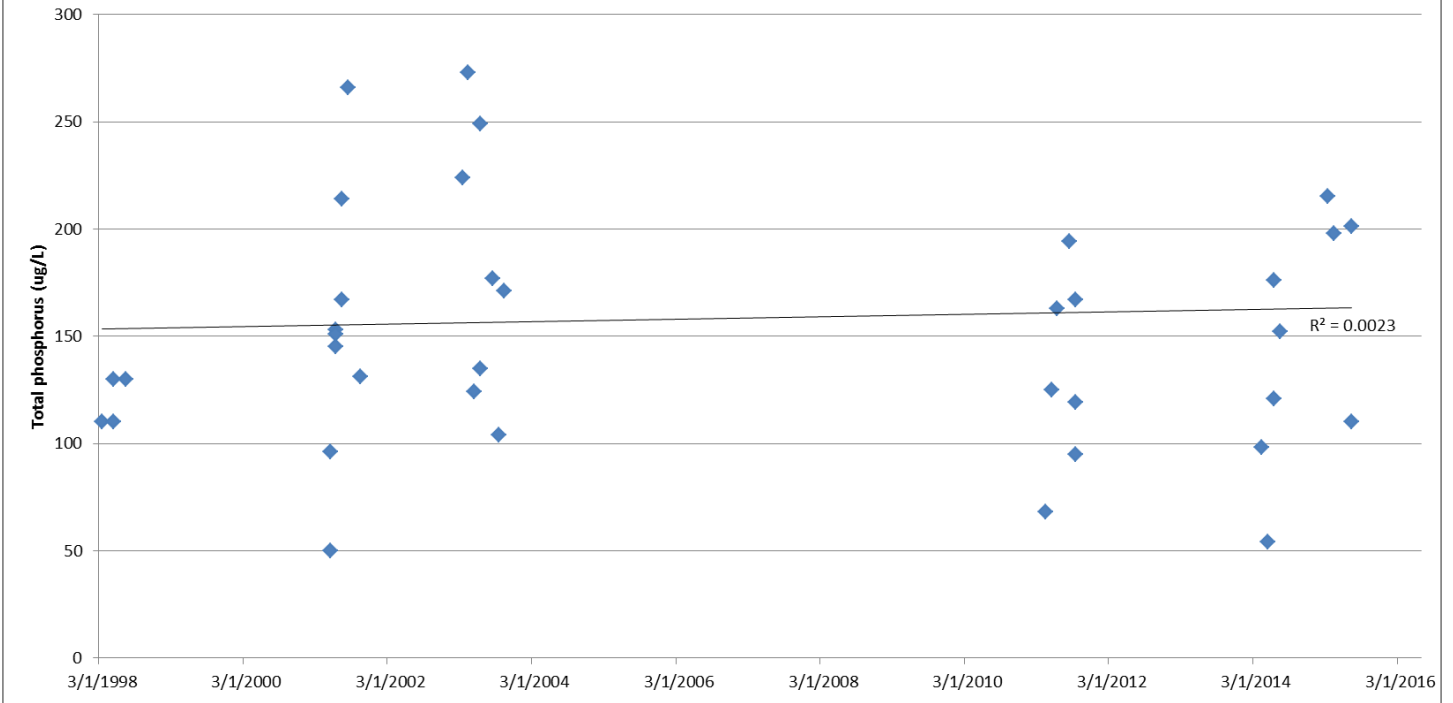
2013 Total Phosphorus and Ammonia - Seelye Brook at CR7



Total Phosphorus Levels - Seelye Brooke at CR 7



Total Phosphorus Levels - Ford Brook at Highway 63



APPENDIX D

URRWMO Standards, Regulations, and Operations

URRWMO Standards Regulations and Operations

Appendix D

The URRWMO has established the following regulations and operations to manage water resources, which will affect the public, developers, member community staff and Councils within the URRWMO. The standards developed in this strategy outline specific elements that are required to be implemented through a program at the local level. The URRWMO reviews the implementation of this program with the member communities to determine compliance. Items are grouped into three categories: **Development Standards**, **Local Surface Watershed Plan Standards**, and **Wetlands and Water Quality Standards**.

In the event that URRWMO standards and State requirements, such as the State MS4 permit, are in conflict the more protective standard shall be used.

A complete listing of the 'Water Quality Standards', 'Wetland Standards' and 'Stormwater Infiltration Standards' (adopted February 3rd, 2009) can be found on the URRWMO Website: <http://www.urrwmo.org/watershed-management-plans-reports.html>

Standard No.	Standards	Responsibility for Implementation			
		Target Audience	URRWMO	ACD (by Contract)	Member Community
Development Standards					
D-1 (L-4)	Applicability The URRWMO requires member communities to enforce all erosion and sedimentation control plans for all new developments and redevelopments one acre and larger in size.	Member communities, Developers			X
D-2	Peak Discharge Rate Control Future discharge rates from new development and redevelopment will, at a minimum, not exceed the existing discharge rates for the 2-, 10-, and 100-year events.	Member communities, Developers			X
D-3	Water Quality Treatment Treatment of storm water to NURP guidelines is required prior to storm water discharge to a lake, stream, or wetland and prior to discharge from the site as part of development. The NURP guidelines for the design of storm water treatment basins are as follows: a. A permanent pool ("dead storage") volume below the principal spillway (normal outlet) which shall be greater than or equal to the runoff from a 2.5-inch storm over the entire contributing drainage area assuming full development. In no case should the dead storage be less than 1800 cubic feet of storage below the outlet pipe for each acre that drains to the basin. b. A permanent pool average depth (basin volume/basin area) which shall be > 3 feet, with a maximum depth of < 10 feet. c. An emergency spillway (emergency outlet) adequate to control the one percent frequency/critical duration rainfall event.	Developers, Member communities			X

Standard No.	Standards	Responsibility for Implementation			
		Target Audience	URRWMO	ACD (by Contract)	Member Community
Development Standards (cont.)					
D-3 (cont.)	<p>Water Quality Treatment (cont.)</p> <p>d. Basin side slopes above the normal water level shall be no steeper than 4:1, and preferably flatter. A basin shelf with a minimum width of 10 feet and 1 foot deep below the normal water level is recommended to enhance wildlife habitat, reduce potential safety hazards, and improve access for long-term maintenance.</p> <p>e. To prevent short-circuiting, the distance between major inlets and the normal outlet shall be maximized.</p> <p>f. The URRWMO encourages storm water pond design to include habitat enhancement and aesthetic features of the pond. This includes providing upland buffers around the ponds, seeding the area with native vegetation, and designing the slopes flatter than 4:1.</p> <p>g. The URRWMO requires skimmers, submerged outlets, or other devices in the construction of new pond outlets and the addition of skimmers to existing systems whenever feasible and practical. The designs shall provide for skimmers that extend a minimum of 4 inches below the water surface and minimize the velocities of water passing under the skimmer to less than 0.5 feet per second for rainfall events having a 99% frequency.</p>	Developers, Member communities			X
D-4	Removed by plan amendment 2-2021.				

Standard No.	Standards	Responsibility for Implementation			
		Target Audience	URRWMO	ACD (by Contract)	Member Community
Development Standards (cont.)					
D-5	<p>Stormwater Conveyance Design</p> <p>a. The design of all major storm water storage facilities shall attempt to accommodate a critical duration event with a 1% chance of occurrence.</p> <p>b. New storm sewer systems shall be designed to accommodate discharge rates with a 10% chance of occurrence. The 10% storm event is defined as having an MSE 3 MN distribution of 4.21" of rainfall over a 24- hour period (based on NOAA 14 data) for Anoka County.</p> <p>c. Newly constructed storm water management ponds that are constructed as part of private development shall be placed in drainage and utility easements dedicated to the member community.</p>	Developers, Member communities			X
D-6	<p>Landlocked Basins</p> <p>Landlocked depressions that presently do not have a defined outlet and do not typically overflow may be allowed a positive outlet to protect adjacent properties. This outlet must be in conformance with an approved Local Plan, and the URRWMO Landlocked Basins Standards posted at www.URRWMO.org</p> <p>If an outlet is not available or provided for a landlocked basin, the area shall be modeled to accommodate a back-to-back 100- year, 24-hour rainfall event; and the 100-year, 10-day runoff event. The highest water elevation in the basin shall be the 100-year high-water level.</p>	Member communities			X
D-7	<p>New Development Draining Directly to Lake George</p> <p>Lake Goerge is a priority waterbody for the URRWMO. The Lake George Water Quality Improvement Assessment report indicates that under 2030 future land use conditions (assuming no BMPs are installed) the lake will see an 65% increase in TP. Therefore, any new development that drains directly to Lake George will require pre- and post- development TP and runoff volume and rates to be the same.</p>	Member communities, Developers			X
<u>D-8</u>	<p>State MS4 Permit Compliance</p> <p>URRWMO communities must comply with the MN Municipal Separate Storm Sewer System (MS4) permit minimum control measures 4 (construction site stormwater runoff control) and 5 (post-construction stormwater management). This requirement replaces the 2009 URRWMO Stormater Infiltration Standards.</p>	Member communities, Developers			<u>X</u>

Standard No.	Standards	Responsibility for Implementation			
		Target Audience	URRWMO	ACD (by Contract)	Member Community
Local Surface Water Management Plan Standards					
L-1	Each member community is responsible for developing, adopting, and implementing a local water resource management plan in conformance with Minnesota Rules 8410 and the URRWMO Plan.	Member communities			X
L-2	<p>The URRWMO shall review local water management plans and evaluate their consistency with the Watershed Plan. All local water management plans shall be consistent with the URRWMO Watershed Management Plan.</p> <p>In cases where surface water impacts or the source of impacts transcend municipal boundaries, or the community is found to not be in compliance with this plan, the URRWMO shall review such problems and provide direction to member communities for resolution.</p> <p>Member communities shall have two years from the date of the Board of Water and Soil Resource's approval of this Plan to adopt their local water management plans.</p>	Review, agencies, Member communities	X		X
L-3	<p>Member communities shall prepare and submit an annual status report to the URRWMO by June 1 of each year reviewing the status of their local plans, the status of the implementation of their plans, and a review of the implementation of the policies that are outlined in the URRWMO plan. This will be similar to the MS4 reports that some member communities are required to submit to the MPCA.</p> <p>Member communities shall prepare and submit an annual status report to the URRWMO by June 1 of each year reviewing the status of their local plans.</p>	Member communities	X		X
L-4	The URRWMO requires member communities to enforce all erosion and sedimentation control plans for all new developments and redevelopments one acre and larger in size.	Developers, member communities			X
L-5	The URRWMO requires member communities to adopt an erosion and sediment control ordinance. The ordinance should require measures similar to those of the MPCA Best Management Practices (BMPs).	Member communities			X
L-6	The URRWMO shall require, in conformance with the MPCA NPDES rules, the submission and implementation of erosion and sediment control plans to the member community for the prevention of erosion and sedimentation from land disturbance activities of one acre or more in size. These plans shall conform to the general criteria set outlined in the Minnesota Pollution Control Agency "Protecting Water Quality in Urban Areas", Erosion Control Ordinance, and the NPDES Construction Site permit. http://www.pca.state.mn.us/publications/wq-strm2-51.doc	Member communities, developers			X

Standard No.	Standards	Responsibility for Implementation			
		Target Audience	URRWMO	ACD (by Contract)	Member Community
Local Surface Water Management Plan Standards (cont.)					
L-7	All member communities within the URRWMO shall adopt a shoreland ordinance in compliance with Minnesota Rules, Chapter 6120.2500 through 6120.3900. This process should be completed in cooperation with the DNR.	Member communities, developers			X
L-8	<p>a. The URRWMO requires member communities and involved agencies to manage the land use within the 100-year flood level as designated by the National Flood Insurance Program Flood Insurance Rate Maps (FIRM).</p> <p>b. If FIRM maps for a member community are not available or are inaccurate, the URRWMO shall require the regional (100- year) flood elevations for the area to be established by the member community or the proposer of land use alterations.</p> <p>c. The URRWMO shall prohibit encroachment into floodways without at least 1:1 replacement.</p> <p>d. The lowest floor elevation of all development, including basements, shall be required to be at least 1 foot above the 100-year high water level or regional flood level for the adjacent water or wetland.</p> <p>e. All member communities shall adopt, as a minimum, a floodplain ordinance that conforms to Minnesota Rules, Chapter 6120.5000.</p>	Member communities			X
L-9 (W-1)	The URRWMO will not undertake the Local Government Unit (LGU) role for implementation of Wetland Conservation Act (WCA) Rules. This responsibility will remain with the member communities or Mn/DOT.	Member communities, Mn/DOT			X (or Mn/DOT)
L-10	A wetland management plan is required to be developed by the member communities as part of their local water resource management plan.	Member communities	X		X
L-11	The URRWMO will require member communities to develop and implement wetland buffer standards.	Developers, Member communities	X		X

Standard No.	Standards	Responsibility for Implementation			
		Target Audience	URRWMO	ACD (by Contract)	Member Community
Local Surface Water Management Plan Standards (cont.)					
L-12	The URRWMO will encourage member communities to develop spill prevention, control, and counter measure plans that are consistent with state and/or federal regulations such as Minnesota Statutes 115E and the Federal Oil Pollution Act 33USCA Sec. 2701-2761.	Member communities			X
L-13	The URRWMO requires that member communities eliminate illegal connections to each community's storm water conveyance system.	Member communities, public			X
L-14	The URRWMO requires that the design, installation and inspection of individual sewage treatment systems shall be in compliance with Minnesota Rules Chapter 7080 for all member communities.	Member communities, developers, residents			X
L-15	Each community will be responsible to perform maintenance measures to assure proper function of public drainage system, with the exception of County ditches.	Member communities			X
L-16	The URRWMO will require that member communities inspect storm water treatment basins at least every 5 years and sump catch basins/manholes every year. Maintenance shall be conducted as necessary. Maintenance activities undertaken by member communities shall be included in the annual report to the URRWMO.	Member communities			X
L-17	The URRWMO requires sweeping of urban section streets with curb and gutter once annually in all areas, and twice annually in priority areas. Priority areas shall be areas that drain directly to high public use water bodies and/or high quality wetlands without pretreatment of storm water runoff. Roadside ditches in rural areas will constitute treatment.	Member communities			X

Standard No.	Standards	Responsibility for Implementation			
		Target Audience	URRWMO	ACD (by Contract)	Member Community
Local Surface Water Management Plan Standards (cont.)					
L-18 (W-3)	The URRWMO will conduct water quantity and quality studies to understand baseline conditions and to periodically update the original database in order to set criteria and appropriately review the compliance of member communities with the existing plan criteria. Where problems are identified, the URRWMO will require member communities to conduct studies to understand the problem and to develop corrective management strategies.	Review agencies, Member communities, public	X	X	X
Wetlands and Water Quality Standards					
W-1 (L-9)	The URRWMO will not undertake the Local Government Unit (LGU) role for implementation of Wetland Conservation Act (WCA) Rules. This responsibility will remain with the member communities or Mn/DOT.	Member communities, Mn/DOT			X (or Mn/DOT)
W-2	The URRWMO defers the responsibility of working with the MPCA to develop Total Maximum Daily Load (TMDL) studies on the listed impaired waters in the watershed to the member communities who drain to impaired waters.	Member communities			X
W-3 (L-18)	The URRWMO will conduct water quantity and quality studies to understand baseline conditions and to periodically update the original database in order to set criteria and appropriately review the compliance of member communities with the existing plan criteria.	Review agencies, Member communities, public	X	X	X
W-4	The Anoka Conservation District shall act as a depository and coordinator for the collection of water quality data to assure consistency and comparability of data.	Review agencies, Member communities, public		X	
W-5	Wetland excavation for the enhancement of wildlife habitat will only be allowed if the project proposer applies for a permit through the member community and the excavation is in conformance with the Wetland Conservation Act as well as guidance from the Board of Water and Soil Resources, Department of Natural Resources, and US Army Corps of Engineers.	Member communities, public, developers		X	X
Wetlands and Water Quality Standards (cont.)					
W-6	The URRWMO will not undertake the Local Government Unit (LGU) role for implementation of Wetland Conservation Act (WCA) Rules. This responsibility will remain with the member communities or Mn/DOT. The URRWMO will require member communities to have official controls implementing the URRWMO wetland standards which are posted to www.URRWMO.org .	Member communities, Mn/DOT			X (or Mn/DOT)

APPENDIX E

Annual Activity Report to the URRWMO

Annual Activity Report

Upper Rum River

Watershed Management Organization

Submit to:
Upper Rum River WMO
19900 Nightingale Street NW
Cedar, MN 55011

Date Due:
Feb 15 report for the
previous calendar
year

Background

The URRWMO Watershed Management Plan sets minimum standards for protection and management of water resources. It allows member cities to accomplish many of these in a manner that best suits them. This report is a means for the URRWMO to monitor compliance and stay informed about issues in each member community. For communities, the report serves as a check-list of needed accomplishments.

Throughout this form, the Table Numbers in parentheses refer to the 2019 URRWMO Watershed Management Plan, where you can find more information pertinent to each section of this form.

Contact Information and Meeting Attendance	City:	_____
	Contact Person:	_____
	Phone #:	_____
	Reporting Year:	_____
	Date Submitted:	_____
	URRWMO Board Representative:	_____
	Board Rep. Email:	_____
# and dates of URRWMO Meetings Attended:	_____	
URRWMO Board Alternate:	_____	
Board Alt. Email:	_____	
# and dates of URRWMO Meetings Attended:	_____	
Local Water Plan	Has your Local Water Plan been updated for compliance with the URRWMO Watershed Management Plan adopted in 2019?	
	The Plan requires all member communities to comply by 2020 (Table 5-3, Strategy ID #32) Please review the Watershed Management Plan in its entirety, paying specific attention to timelines included within Table 5-3: URRWMO 2019-2028 Strategies and Implementation Schedule.	
	Not Started	Anticipated Start/Completion Dates: _____
	Preparing	Anticipated Completion Date: _____
Completed & Implementing	Completion Date: _____	

The URRWMO Watershed Management Plan requires review of the following ordinances and regulatory controls -- and specifies minimum contents and standards. Please mark those that your City has adopted consistent with the URRWMO Plan and list the review date.

The Plan requires all member communities to review their ordinances by 2020 (Table 5-3)

Ordinance	Review Date	Regulations/Minimum Standards URRWMO Goal & Strategy ID (Tables 4-1 and 5-3) Website for State Regulations
Construction Site Erosion Control Ordinance		PCA Minimum Standards and those that appear in Appendix D of the URRWMO Plan Goal F.2; Strategy ID #23 https://www.pca.state.mn.us/sites/default/files/wq-strm2-80a.pdf
Post-Construction Stormwater Management Ordinance Enforce rate control and infiltration requirements Enforce post development stormwater quality treatment practices		PCA Minimum Standards and those that appear in Appendix D of the URRWMO Plan Goal A.1, B.1, and B.2; Strategy IDs #1 and #6 https://www.pca.state.mn.us/sites/default/files/wq-strm2-80a.pdf
Floodplain Management Ordinance		State Regulations Goal A.2; Strategy ID #3 https://www.dnr.state.mn.us/waters/watermgmt_section/floodplain/regulations.html
Wetland Ordinance or Management Plan Local Government Unit (LGU) implement Wetland Conservation Act		Wetland Conservation Act Goal C.1; Strategy ID #18 http://www.bwsr.state.mn.us/wetlands/wca/CH8420-August2009.pdf
Shoreland Management Ordinance		Minnesota's Shoreland Management Program Goal G.2; Strategy ID #25 https://www.dnr.state.mn.us/waters/watermgmt_section/shoreland/regulations.html
Wellhead Protection Plan		Minnesota Wellhead Protection Rule Goal D.1; Strategy ID #20 https://www.pca.state.mn.us/water/wellhead-and-source-water-protection-programs

If available, please list the website links for any ordinances/plans below:

If your city does not have one or more of the above or they do not meet the minimum contents and standards, please describe the current plans to develop them.

Wetland Buffers

Note that the URRWMO Technical Advisory Committee (TAC) will discuss the URRWMO wetland buffer standards in 2020 (Table 5-3, Strategy ID #19). Any revisions to the standards will be distributed to member communities at that time.

Prior to the TAC meeting and any potential revisions to the wetland buffer standards, please refer to the Wetland Standards amended on February 3, 2009 as posted on the URRWMO website.

http://www.urrwmo.org/images/URRWMO/Plans_Reports/Amendment-Wetland%20Standards_final.pdf

What buffer widths has your city adopted for each of the URRWMO wetland classifications? See the aforementioned Wetland Standards for more specifics.

High Priority Wetlands (URRWMO requires 25 ft minimum)

Moderate Priority Wetlands (URRWMO requires 20 ft minimum)

Low Priority Wetlands (URRWMO requires 15 ft minimum)

Use Wetlands (no URRWMO minimum)

If your city standards are inconsistent with the URRWMO requirements, describe plans to address this:

Operations and Maintenance

The URRWMO requires cities to complete a physical inspection of all Best Management Practices (BMPs) and identify deficiencies and potential retrofits to improve performance. Complete the table below for each BMP managed by the City. Include additional tables/documentation if potential retrofits are identified.

The Plan requires all member communities to complete their inspections by 2021 (Table 5-3, Strategy ID #5)

BMP Name/ID	Notes	Date of Inspection	Potential Retrofit (Y/N)? If yes, please provide more details.

The URRWMO requires an inventory of all culverts within the WMO. Survey results, observations and recommendations for the entire WMO will be provided back to member communities and Anoka Conservation District upon completion of the inventory.

The Plan requires the culvert inventory to be completed by complete their inspections by 2022 (Table 5-3, Strategy ID #22)

Has your city participated in the culvert inventory? Anticipated Start/Completion Dates: _____

The URRWMO requires that the floodplain storage volumes are maintained to provide adequate conveyance for flood flows. Please document in the table below the volume of floodplain fill and compensatory storage excavated within the reporting year.

The Plan requires documentation of floodplain fill on an annual basis (Table 4-1, Goal A.2)

Project Name	Project Location	Volume of Fill Placed	Compensatory Storage Excavated

Education and Outreach

The URRWMO operates a public education and outreach program. Please indicate each topic covered by educational materials disseminated by your city in the last year. This may have included newsletters, brochures, website postings, workshops or other education efforts aimed at fostering responsible water quality management practices among residents.

The Plan requires all member communities participate with education and outreach on an annual basis (Table 4-1 Goal H.3, Table 5-3, Strategy ID #24 and #29)

Wetland Buffers

Hazardous waste disposal

Water Quality Monitoring

Yard waste management

Groundwater Protection

Agricultural BMPs

Controlling invasive species

Pet waste disposal

Water Conservation

Activities of the URRWMO

Updates of URRWMO Projects

Summary of Subwatershed Assessment Studies (SWASs) within URRWMO

Estimate the number of residents receiving educational materials:

Have elected and appointed officials not on the URRWMO Board attended a URRWMO meeting? If yes, how many individuals/meetings?

Number of reports/summaries given to the member City Council on URRWMO activities. Please give the date of the Council meeting.

Signature

By typing or signing my name in the box below, I certify the above statements to be true and correct, to the best of my knowledge, and that information can be used for the purposes of processing the URRWMO Annual Report.

Name: _____

Title: _____

Date: _____

Summary of Wetland Inventory and Classification

Upper Rum River

Watershed Management Organization

Submit to:
Upper Rum River WMO
19900 Nightingale Street NW
Cedar, MN 55011

Date Due:
Feb 15
Submit with Annual Report to the
URRWMO

Background

State Rule 8410.0060 requires the URRWMO to inventory the functional values of wetlands. The URRWMO will meet this requirement by keeping a record of wetlands inventoried through city permitting processes. Please fill out this form for each wetland inventories. Submit to the URRWMO with your annual report.

Location	City: _____ Town/Range/Section: _____ Attach a map indicating the wetland location. A screen capture from an online mapping application (e.g. Google, Anoka County GIS website, etc.) is appropriate. Include an aerial image and adjacent road names for context with a clear indication of the wetland location.																			
Description	Delineated Wetland Size (Acres): _____ Wetland Type: _____																			
MnRAM Wetland Function and Value Results	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Indicate MnRAM score:</td> <td style="width: 15%;">Excellent</td> <td style="width: 15%;">High</td> <td style="width: 15%;">Medium</td> <td style="width: 15%;">Low</td> </tr> <tr> <td>Water Quality Treatment:</td> <td colspan="2" style="text-align: center;">Downstream Water Quality Protection</td> <td colspan="2" style="text-align: center;">Maintenance of wetland water quality</td> </tr> <tr> <td>Wildlife Habitat:</td> <td style="text-align: center;">Vegetative diversity/integrity</td> <td style="text-align: center;">Maintenance of characteristic wildlife habitat structure</td> <td colspan="2" style="text-align: center;">Maintenance of characteristic amphibian habitat</td> </tr> </table> <p>Scores for all other wetland functions and values are not required, but may be included if available</p>					Indicate MnRAM score:	Excellent	High	Medium	Low	Water Quality Treatment:	Downstream Water Quality Protection		Maintenance of wetland water quality		Wildlife Habitat:	Vegetative diversity/integrity	Maintenance of characteristic wildlife habitat structure	Maintenance of characteristic amphibian habitat	
Indicate MnRAM score:	Excellent	High	Medium	Low																
Water Quality Treatment:	Downstream Water Quality Protection		Maintenance of wetland water quality																	
Wildlife Habitat:	Vegetative diversity/integrity	Maintenance of characteristic wildlife habitat structure	Maintenance of characteristic amphibian habitat																	
Classification	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Wetland Classification Determination:</td> <td style="width: 15%; text-align: center;">High Priority Wetland</td> <td style="width: 15%; text-align: center;">Moderate Priority Wetland</td> <td style="width: 15%; text-align: center;">Low Priority Wetland</td> <td style="width: 15%; text-align: center;">Use Wetland</td> </tr> </table>					Wetland Classification Determination:	High Priority Wetland	Moderate Priority Wetland	Low Priority Wetland	Use Wetland										
Wetland Classification Determination:	High Priority Wetland	Moderate Priority Wetland	Low Priority Wetland	Use Wetland																

APPENDIX F

URRWMO Guidance Documents Adopted by Reference

Appendix F

(as amended 3/4/2025)

URRWMO Guidance Documents Adopted by Reference

Appendix F

Guidance documents help the URRWMO prioritize and select projects that advance the goals outlined within this plan. The URRWMO has adopted by reference all of the guidance documents within Appendix F. When future guidance documents are completed or existing guidance documents are updated, the URRWMO Board will take action to formally adopt each guidance document and amend this plan (following Minnesota Rules 8410.0140 Subp. 2) and update Appendix F to identify all guidance documents adopted by the URRWMO. All Guidance Documents's will clearly describe the project(s), the measureable goals to be achieved, the estimated total project cost. Ideally, guidance documents will also include the URRWMO's cost, any outside funding sources, and the project partners.

Adoption Date	Guidance Document Name	Description	Weblink
Dec-18	Lake George Water Quality Improvement Assessment Phase 1: Lakeshed Analysis	<p>Monitoring in Lake George has revealed declining water quality trends. The ACD is finalizing a diagnostic study of potential water quality improvement projects around the lake.</p> <p>The project prioritization is still ongoing at this time, but possible projects will include:</p> <ul style="list-style-type: none"> • Iron enhanced sand bench within the Lake George Regional Park • Replace/repair Ditch 19 weir. • Numerous lakeshore restorations. • Wetland restorations, primarily north of the lake. • Prevent increases in stormwater inflow to the lake by: <ul style="list-style-type: none"> o Requiring retention of stormwater in new developments. o Keeping landlocked areas landlocked. o Consider MIDS or similar stormwater standards within the lake's watershed. o Ensure culverts are replaced with culverts of the same size and elevation. o Minimize ditch cleaning that enhances water delivery to the lake. 	http://www.urrwmo.org/
Dec-18	Rum River Field Assessment	<p>Portions of the Rum River are experiencing significant bank erosion, which leads to reduced water quality. Some bank erosion is natural, but healthy levels of erosion are relatively slow and on a small scale in stable river system. Erosion can be accelerated by a variety of factors and result in higher sediment loads within the stream. ACD conducted a streambank inventory in 2017 and another in 2018 to identify sites with high levels of erosion, and soliciting interest from private landowners to participate in future projects.</p>	http://www.urrwmo.org/
Dec-18	City of St. Francis Stormwater Retrofit Analysis	<p>The City of St. Francis coordinated with ACD to conduct a city-wide stormwater BMP retrofit analysis. The report identified and ranked seventeen (17) water quality improvement projects all of which drain to the Rum River. Projects were ranked by nutrient reduction (TP and TSS) and also assigned an estimated project cost and annual maintenance fees. This allows for project prioritization on a rating scale (e.g. \$ per lb TP removed per year). Since all of the BMPs drain to the Rum River, these projects would provide a water quality benefit to all of the communities downstream.</p>	http://www.urrwmo.org/
Nov-24	Ford Brook, Pickerel Lake, and East Twin Lake Subwatershed Analysis	<p>This study identified and ranks by cost effectiveness projects for improving water quality. Projects within it will benefit the waterbodies named in the study title, and may additionally help meet goals for downstream waters including the Rum River and Mississippi River.</p>	http://www.urrwmo.org/

Locations of future Subwatershed Assessment Studies (SWAS) will be recommended by the TAC and selected by the URRWMO Board with consideration of these priority subwatersheds:

Highest priority

Rum River direct drainage (minor watershed #21095)

Medium priority

Seelye Brook

Others as recommended by the TAC

If future subwatersheds are identified by the TAC for SWAS, the URRWMO can amend this plan (following Minnesota Rules 8410) and update Appendix F with the priority subwatersheds.

APPENDIX G

URRWMO Project Prioritization

URRWMO Project Prioritization

Appendix G

The following project prioritization was completed by the URRWMO Technical Advisory Committee in March 2020 and approved by the URRWMO board on March 19, 2020. It is based on, but more detailed than, project prioritizations elsewhere in this URRWMO Watershed Management Plan.

Priority Rank	Project	Notes
1	Rum Riverbank stabilizations	Inventories of eroding riverbank and cost-benefit ranking of candidate projects has been completed by the Anoka Conservation District.
2	Anoka County Water Resources Outreach Collaborative	Program helps cities efficiently meet stormwater outreach requirements. Activities are steered by a group of cities and watersheds.
3	<p style="text-align: center;">Subwatershed Assessment studies</p> <p style="text-align: center;">Stormwater retrofits for Rum River</p>	<p>Favored locations are:</p> <p>1 Pickerel Lake (high quality, under development pressure, small drainage area)</p> <p>2 East Twin Lake (same reasons as for Pickerel Lake)</p> <p>3 Ford Brook</p> <p>4 Rum River direct drainage (would primarily be in Oak Grove where there are not many stormwater conveyances)</p> <p>5 City of Bethel periphery (would fit with other stormwater study and projects recently done by the city)</p> <p>Projects to be selected based on projects identified and cost-benefit analyses in subwatershed assessment studies (see Appendix F). Such a study was completed in 2016 within the boundaries of the City of St. Francis. Other studies are planned.</p>
4	Lake George shoreline stabilizations	Sites are identified and ranked in a shoreline condition inventory by the Anoka Conservation District.
5	Bethel stormwater retrofits	Projects identified in a subwatershed assessment being completed by the city, reviewed by the TAC, and approved by the WMO Board for inclusion in Appendix-F
6	Lake George iron enhanced sand filter (IESF) feasibility study	See 2019 Lake George Water Quality Improvement Assessment by the Anoka Conservation District for project details. Project is cost effective and treats a large drainage area. Project will need approvals from Anoka County Parks (landowner) and Oak Grove (likely owner/operator). Feasibility study is needed for further consideration.
7	Ditch 19 connector dredging	Waterway for this project is between Lake George and Ditch 19.