

## Goal WQ1

**Maintain or improve 5-year average for TP, Chlorophyll-a and Secchi depth in Lower Prior Lake.**

Performance Measures:	Every two years, evaluate water quality trends on a 5-year running average to ensure water quality is maintained or improved.
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Benchmark Measures:	
Total Phosphorus (TP)	24 µg/l
Chlorophyll-a (Chl-a)	6.9 µg/l
Secchi depth	4.43 m

5-Year Average Tracking:	
Total Phosphorus (TP)	
2021	
2023	
2025	
2027	
2029	
Chlorophyll-a (Chl-a)	
2021	
2023	
2025	
2027	
2029	
Secchi depth	
2021	
2023	
2025	
2027	
2029	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Public Infrastructure Projects*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lower Prior Lake Subwatershed Project*		✓									
<b>Storage &amp; Infiltration Projects*</b>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Streambank Restoration Program				✓	✓	✓		✓	✓	✓	

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
AIS Prevention & Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project Maintenance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Lower Prior Lake Diagnostic Study Update					✓						
Regional Stormwater Planning		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stream & Ditch Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Effectiveness/BMP Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

*\* Projects in **bold** have the greatest potential to achieve water quality improvement results.*

<p><b>If one or more of the three water quality measures begins to show downward trends, the following should be explored:</b></p> <ol style="list-style-type: none"> <li>1) Have all scheduled projects above been completed according to the timeline? <i>If not, consider implementing them.</i></li> <li>2) Is there an unexpected, external factor affecting water quality? <i>If so, consider a feasibility study to explore solutions.</i></li> <li>3) Are there additional/enhanced opportunities in the projects listed in bold above? <i>Consider working with partners and exploring grants.</i></li> </ol>
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## Goal WQ2

**Meet the state water quality standards for aquatic recreation on Spring Lake.**

Performance Measures:	Use in-lake water quality monitoring results for TP, Chl-a and Secchi depth to assess progress every two years; request delisting to MPCA.
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Benchmark Measures:	
Total Phosphorus (TP)	60 µg/l
Chlorophyll-a (Chl-a)	20 µg/l
Secchi depth	1.4 m

**Outcome:** Request state delisting to MPCA by 2029

2-Year Average Tracking:	
Total Phosphorus (TP)	
2021	
2023	
2025	
2027	
2029	
Chlorophyll-a (Chl-a)	
2021	
2023	
2025	
2027	
2029	
Secchi depth	
2021	
2023	
2025	
2027	
2029	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>In-Lake Alum Treatments*</b>	✓										
<b>County Ditch 13 Restoration*</b>						✓	✓	✓	✓	✓	✓
<b>Public Infrastructure Projects*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fish Lake Watershed Projects			✓								
Spring Lake Regional Park Project				✓	✓						
<b>Spring Lake West Subwatershed Project*</b>		✓	✓								
<b>Storage &amp; Infiltration Projects*</b>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Streambank Restoration Program*</b>				✓	✓	✓		✓	✓	✓	✓
<b>Wetland Restoration &amp; Enhancement*</b>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetland Banking Program				✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
AIS Prevention & Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Carp Management Program*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Farmer-Led Council Initiatives*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ferric Chloride Treatment System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Highway 13 Wetland Restoration						✓	✓				
Project Maintenance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Regional Stormwater Planning		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Upper Watershed Blueprint	✓	✓									

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stream & Ditch Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Effectiveness/BMP Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

\* Projects in **bold** have the greatest potential to achieve water quality improvement results.

<p><b>If at least two of the water quality measures are not meeting benchmarks by 2025, the following should be explored:</b></p> <ol style="list-style-type: none"> <li>1) Have all scheduled projects above been completed according to the timeline? <i>If not, consider implementing them.</i></li> <li>2) Is there an unexpected, external factor affecting water quality? <i>If so, consider a feasibility study to explore solutions.</i></li> <li>3) Are there additional/enhanced opportunities in the projects listed in bold above? <i>Consider working with partners and exploring grants.</i></li> </ol>
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## Goal WQ3

*Meet the state water quality standards for aquatic recreation on Upper Prior Lake.*

Performance Measures:	Use in-lake water quality monitoring results for TP, Chl-a and Secchi depth to assess progress every two years; request delisting to MPCA.
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Benchmark Measures:	
Total Phosphorus (TP)	40 µg/l
Chlorophyll-a (Chl-a)	14 µg/l
Secchi depth	1.4 m

**Outcome:** Request state delisting to MPCA by 2029

2-Year Average Tracking:	
Total Phosphorus (TP)	
2021	
2023	
2025	
2027	
2029	
Chlorophyll-a (Chl-a)	
2021	
2023	
2025	
2027	
2029	
Secchi depth	
2021	
2023	
2025	
2027	
2029	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>In-Lake Alum Treatments*</b>	✓	✓			✓	✓	✓				
<b>Public Infrastructure Projects*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Arctic Lake BMP Projects				✓				✓			
Fish Lake Watershed Projects		✓	✓								
Spring Lake West Subwatershed Project		✓	✓								
<b>Storage &amp; Infiltration Projects*</b>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Streambank Restoration Program*</b>	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Wetland Restoration &amp; Enhancement*</b>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetland Banking Program		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
AIS Prevention & Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Carp Management Program*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Farmer-Led Council Initiatives*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FeCl Treatment System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Highway 13 Restoration						✓	✓				
Project Maintenance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Regional Stormwater Planning		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Upper Watershed Blueprint	✓	✓									

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stream & Ditch Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Effectiveness/BMP Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

\* Projects in **bold** have the greatest potential to achieve water quality improvement results.

**If at least two of the water quality measures are not meeting benchmarks by 2025, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting water quality? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

## Goal WQ4

*Improve water quality in Fish Lake by reducing annual phosphorus load by 40 lbs/year.*

Performance Measures:	Every two years, assess water quality to measure improvements in TP, Chl-a and Secchi depth; reduce annual P load by 40 lbs/year by 2029.
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Baseline Measures (2005-2014) :	
Total Phosphorus (TP)	42 µg/l
Chlorophyll-a (Chl-a)	20 µg/l
Secchi depth	1.3 m

**Outcome:** Implement projects to reduce annual P load by 40 lbs/yr, resulting in improved water quality in one or more measures by 2029.

2-Year Average Tracking:			
	TP	Chl-a	Secchi
2021			
2023			
2025			
2027			
2029			

Annual P Load Reductions:	
Projects Implemented (lbs/year)	
2021	
2022	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Fish Lake Watershed Projects*</b>		✓	✓								
Streambank Restoration Program*	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Wetland Restoration &amp; Enhancement*</b>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
AIS Prevention & Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carp Management Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Farmer-Led Council Initiatives*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Effectiveness/BMP Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

\* Projects in **bold** have the greatest potential to achieve water quality improvement results.

<p><b>If at least two of the water quality measures have not shown improvement by 2025, the following should be explored:</b></p> <ol style="list-style-type: none"> <li>1) Have all scheduled projects above been completed according to the timeline? <i>If not, consider implementing them.</i></li> <li>2) Is there an unexpected, external factor affecting water quality? <i>If so, consider a feasibility study to explore solutions.</i></li> <li>3) Are there additional/enhanced opportunities in the projects listed in bold above? <i>Consider working with partners and exploring grants.</i></li> </ol>
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## Goal WQ5

**Improve water quality in Arctic Lake by supporting SMSC's improvement efforts to reduce watershed phosphorus loading by 37 lbs/yr and by partnering with SMSC, the City of Prior Lake and the Three Rivers Park District on future projects as opportunities arise.**

Performance Measures:	Every two years, assess water quality (TP, Chl-a and Secchi) to measure improvements; track load reductions associated with project implementation.
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Baseline Measures (2008-2017):	
Total Phosphorus (TP)	127.5 µg/l
Chlorophyll-a (Chl-a)	40 µg/l
Secchi depth	0.43 m

**Outcome:** Support & coordinate with SMSC on projects, resulting in improved water quality in one or more measures by 2029.

2-Year Average Tracking:			
	TP	Chl-a	Secchi
2021			
2023			
2025			
2027			
2029			

Load Reduction Tracking		
Project	Year	lb/year

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Arctic Lake BMP Projects*				✓						✓	

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Carp Management Program*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

\* Projects in **bold** have the greatest potential to achieve water quality improvement results.

**If at least two of the water quality measures have not shown improvement by 2025, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting water quality? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

## Goal WQ6

*In partnership with SMSC and the City of Prior Lake, improve Pike Lake by achieving 10% percent improvement in TP concentrations to work toward the TMDL pollutant reduction requirements.*

Performance Measures:	Every two years, assess TP concentrations to measure improvements; track load reductions associated with project implementation.
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Baseline Measures (2012-2017):		
	West Side	East Side
<b>Total Phosphorus (TP)</b>	<b>102 µg/l</b>	<b>170 µg/l</b>

10% Improvement GOAL:		
	West Side	East Side
<b>Total Phosphorus (TP)</b>	<b>92 µg/l</b>	<b>153 µg/l</b>

2-Year Average Tracking:		
	West Side	East Side
Total Phosphorus (TP)		
2021		
2023		
2025		
2027		
2029		

Load Reduction Tracking		
Project	Year	lb/year

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Carp Management Program*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Farmer-Led Council Initiatives*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

\* Projects in **bold** have the greatest potential to achieve water quality improvement results.

**If there is not a documented decrease in TP concentrations by 2025, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting water quality? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

## Goal WQ7

**Assess the quality of Sutton Lake and develop a Lake Management Plan.**

Performance Measures:	Assessment of lake quality and development of management plan.
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Performance Tracking:	
Step	Status
Install Outlet (2020)	
Complete Lake Management Plan (2020)	
Manage Outlet (2021)	
Manage Outlet (2022)	
Manage Outlet (2023)	
Manage Outlet (2024)	
Manage Outlet (2025)	
Manage Outlet (2026)	
Manage Outlet (2027)	
Manage Outlet (2028)	
Manage Outlet (2029)	
Manage Outlet (2030)	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Sutton Lake Outlet Structure*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\* Projects in **bold** have the greatest potential to achieve the goal.

**Outcome: Lake Management Plan and effectively managed outlet structure.**

<p><b>If there is no progress by 2022, the following should be explored:</b></p> <ol style="list-style-type: none"> <li>1) Have all scheduled projects above been completed according to the timeline? <i>If not, consider implementing them.</i></li> <li>2) Is there an unexpected, external factor slowing the progress? <i>If so, consider a study to explore solutions.</i></li> <li>3) Are there additional/enhanced opportunities in the projects listed in bold above? <i>Consider working with partners and exploring grants.</i></li> </ol>
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## Goal WQ8

**Assign a District water quality standard for Buck Lake and set management goals for the next 10-year plan.**

Performance Measures:	Conduct a lake diagnostic study to identify water quality standard; set management goals for next 10-year plan.
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Performance Tracking:	
Step	Status
Diagnostic Study (2026)	
Water Quality Standard (2026)	
Management Goals Set (2029)	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Buck Lake Diagnostic Study						✓	✓				
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

**If there is no progress by 2026, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor slowing the progress? *If so, consider a study to explore solutions.*

## Goal WQ9

**Assess the quality of Tier 3 Lakes and assign lake management classifications.**

Performance Measures:	In-lake water quality monitoring; assign lake classifications.
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Performance Tracking:	
Lake	Management Classification
Hass Lake	
Crystal Lake	
Rice Lake	
Cates Lake	
Jeffers Pond	
Swamp Lake	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

**If there is no progress by 2028, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor slowing the progress? *If so, consider a study to explore solutions.*

## Goal WQ10

*Maintain no net loss of wetland in the District.*

Performance Measures:	Every two years track and assess wetland impacts; fully establish wetland banking program.
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**Outcome:** Biennial wetland loss assessments and successful establishment of wetland banking program.

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Performance Tracking:	
Biennial Permit / LGU Review	Status
2021	
2023	
2025	
2027	
2029	
Wetland Banking Program Steps	Status
Program Establishment (2021)	
Reserve Fund Created (2022)	
First Project Completed (2025)	

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Wetland Banking Program*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Comprehensive Wetland Plan Update	✓				✓						

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Wetland Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Permit Program*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

\* Projects in **bold** have the greatest potential to achieve goals.

**If wetland loss is occurring and/or wetland banking program has not reached the above milestones, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting wetland preservation? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

## Goal WQ11

**Restore or enhance 5% (24 of 482 acres) of the restoration/enhancement management class of wetlands (as identified in the Comprehensive Wetland Plan), focusing on those that work towards prioritized and/or multiple District goals.**

Performance Measures:	<b>Track progress towards restored/enhanced wetland acres every two years.</b>
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Performance Tracking:	
Project Milestones	Status
CWP Plan Update 2020	
Create Wetland Reserve Fund (2021)	
CWP Plan Update 2024	
Restoration Milestones	Acres
Wetland Restoration 1 (by 2025)	
Wetland Restoration 2 (by 2027)	
Wetland Restoration 3 (by 2029)	
Wetland Restoration 4	
Wetland Restoration 5	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Wetland Restoration &amp; Enhancement*</b>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Highway 13 Wetland Restoration		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Comprehensive Wetland Plan Update	✓				✓						

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Wetland Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\* Projects in **bold** have the greatest potential to achieve goals.

**If there is no progress in meeting wetland restoration acreage goals by 2025, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting wetland preservation? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

## Goal WQ12

**Stabilize a minimum of ten bank erosion/slumping sites, prioritizing those that impact Tier 1 or Tier 2 Lakes and/or meet multiple District goals.**

Performance Measures:	Track progress on bank stabilization projects implemented every two years, 10 completed by 2029.
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Performance Tracking:	
Project Milestones	Status
Conduct Field Assessment (2021)	
Strategic Outreach (2022)	
Stabilization Milestones	Status
Streambank Restoration 1 (by 2023)	
Streambank Restoration 2 (by 2025)	
Streambank Restoration 3 (by 2025)	
Streambank Restoration 4 (by 2025)	
Streambank Restoration 5 (by 2027)	
Streambank Restoration 6 (by 2027)	
Streambank Restoration 7 (by 2027)	
Streambank Restoration 8 (by 2029)	
Streambank Restoration 9 (by 2029)	
Streambank Restoration 10 (by 2029)	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>County Ditch 13 Restoration*</b>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Streambank Restoration Program*</b>	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Stream & Ditch Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\* Projects in **bold** have the greatest potential to achieve goals.

<p><b>If no streambank stabilization projects have been completed by 2025, the following should be explored:</b></p> <ol style="list-style-type: none"> <li>1) Have all scheduled projects above been completed according to the timeline? <i>If not, consider implementing them.</i></li> <li>2) Is there an unexpected, external factor affecting completion of projects? <i>If so, consider a feasibility study to explore solutions.</i></li> <li>3) Are there additional/enhanced opportunities in the projects listed in bold above? <i>Consider working with partners and exploring grants.</i></li> </ol>
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## Goal WQ13

**Improve the stability of the Prior Lake Outlet Channel through annual maintenance and 10,000 linear feet of bank repair work.**

Performance Measures:	Track progress towards 10,000 linear feet of bank repair work every two years.
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Performance Tracking:	
Project Milestones	Status
Develop Bank Repair Plan (2021)	
Complete Bank Repairs (2023)	
Inspection + Maintenance Review	Status
2021	
2023	
2025	
2027	
2029	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PLOC Bank Restoration	✓	✓	✓	✓							
PLOC Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

**If 10,000 linear feet of bank repair work has not been completed by 2025, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting completion of projects? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed above? *Consider working with partners and exploring grants.*

### Goal WQ14

*Active participation in groundwater planning efforts and prioritize projects, programs and priority areas (e.g. DWSMA's) that include groundwater benefits".*

Performance Measures:	Staff attendance at groundwater planning workshops/meetings and incorporation of groundwater considerations into project selection process.
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Performance Tracking:	
<b>Groundwater Protection Planning</b>	
YEAR	MEETINGS ATTENDED
2021	
2023	
2025	
2027	
2029	
<b>Groundwater Considerations in Projects</b>	
YEAR	PROJECT UPDATES
2021	
2023	
2025	
2027	
2029	

#### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Groundwater Protection Plan		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

  

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Groundwater						✓	✓	✓	✓	✓	✓

## Goal AIS1

**Develop and implement an Aquatic Invasive Species (AIS) Response and Prevention Plan in coordination with Scott County to help prevent new AIS from entering Tier 1 lakes (lakes with public access).**

Performance Measures:	Completed AIS Plan; regular monitoring for AIS and implementation according to plan.
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Performance Tracking:	
Project Milestones	Status
<b>Create AIS Response Plan (2021)</b>	
Biennially review implementation of:	
- CLP assessment & treatment	
- AIS Reponse Plan implementation	Status
<b>2021</b>	
<b>2023</b>	
<b>2025</b>	
<b>2027</b>	
<b>2029</b>	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>AIS Prevention &amp; Management*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
AIS Rapid Response Plan		✓		✓		✓		✓		✓	
Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\* Projects in **bold** have the greatest potential to achieve goals.

<p><b>If new AIS is discovered in the District or an existing AIS has rebounded, the following should be explored:</b></p> <ol style="list-style-type: none"> <li>1) Have all scheduled projects above been completed according to the timeline? <i>If not, consider implementing them.</i></li> <li>2) Is there an unexpected, external factor affecting AIS introduction/management? <i>If so, consider a feasibility study to explore solutions.</i></li> <li>3) Are there additional/enhanced opportunities in the projects listed in bold above? <i>Consider working with partners and exploring grants.</i></li> </ol>
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## Goal AIS2

*Effectively manage common carp in Tier 1 Lakes to 30 kg/ha or below.*

Performance Measures:	Annually update IPM Plan for Carp; implement activities in the Plan to achieve carp populations of 30 kg/ha or below in Tier 1 Lakes.
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Performance Tracking:						
	2019	2021	2023	2025	2027	2029
Lake	Carp (kg/ha)					
Lower Prior	9.4					
Upper Prior	304.8					
Spring	266.2					
Fish	85.7					

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

O & M Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Carp Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

**If carp populations are not making significant progress towards meeting goals by 2025, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting carp management? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the District? *Consider working with partners and exploring grants.*



## Goal AIS4

*Implement new management techniques for zebra mussels as innovative, cost-effective methods are developed.*

Performance Measures:	<b>Monitor advances in management techniques; implement control methods as available.</b>
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Performance Measures:	
Research Review	Status
2021	
2023	
2025	
2027	
2029	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>AIS Prevention &amp; Management*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

**Outcome:** Regular coordination with UMN and other research labs; feasibility study for new methods of zebra mussel management, if developed.

## Goal RF1

**Achieve the first-tier priority flood reduction goal to reduce the flood level on Prior Lake from 905.62 to 905.5 feet for the 25-year return period.**

Performance Measures:	Track storage created towards goal of 176 acre-feet on Prior Lake.
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Flood Levels (25-Year Return Period)	
Existing	905.62 ft
<b>GOAL</b>	<b>905.50 ft</b>

Upstream Storage	
<b>GOAL:</b>	<b>176 ac-ft</b>

Performance Tracking:	
Project	Status
Sutton Lake Outlet (2021)	
Upstream Storage Status	Acre-feet
2023	
2025	
2027	
2029	
Flood Level Status	feet
2025	
2027	
2029	

### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
County Ditch 13 Restoration		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Storage &amp; Infiltration Projects*</b>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Sutton Lake Outlet Structure*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetland Restoration & Enhancement		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetland Banking Program		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Comprehensive Wetland Plan Update	✓				✓						
Feasibility Reports		✓		✓		✓		✓			✓
Regional Stormwater Planning		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Upper Watershed Storage Strategy	✓	✓									

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Precipitation & Weather	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PCSWMM Model Update & Maintenance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\* Projects in **bold** have the greatest potential to make progress towards achieving the goal.

<p><b>If the goal has not been achieved by 2027, the following should be explored:</b></p> <ol style="list-style-type: none"> <li>1) Have all scheduled projects above been completed according to the timeline? <i>If not, consider implementing them.</i></li> <li>2) Is there an unexpected, external factor affecting the achievement of the goal? <i>If so, consider a feasibility study to explore solutions.</i></li> <li>3) Are there additional/enhanced opportunities in the projects listed in bold above? <i>Consider working with partners and exploring grants.</i></li> </ol>
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### Goal RF3

*Eliminate/reduce the impact of new development and redevelopment on flooding.*

Performance Measures:	Revised rules are adopted; District Rules effectively enforced
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Biennial Performance Tracking:	
Assess Permit Program	Status
2021	
2023	
2025	
2027	
2029	
Projects	Status
Revised Rules Adopted	

#### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Permit Program*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓
District Boundary Revisions	✓	✓									

\* Projects in **bold** have the greatest potential to make progress towards achieving the goal.

### Goal RF4

*In partnership with the City of Prior Lake, complete updates to the PCSWMM Model to refine and improve understanding of flooding in the watershed.*

Performance Measures:	Updated PCSWMM model.
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Biennial Performance Tracking:	
PCSWMM Updates	Status
2021	
2023	
2025	
2027	
2029	

#### PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Precipitation & Weather	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>PCSWMM Model Update &amp; Maintenance*</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\* Projects in **bold** have the greatest potential to make progress towards achieving the goal.

