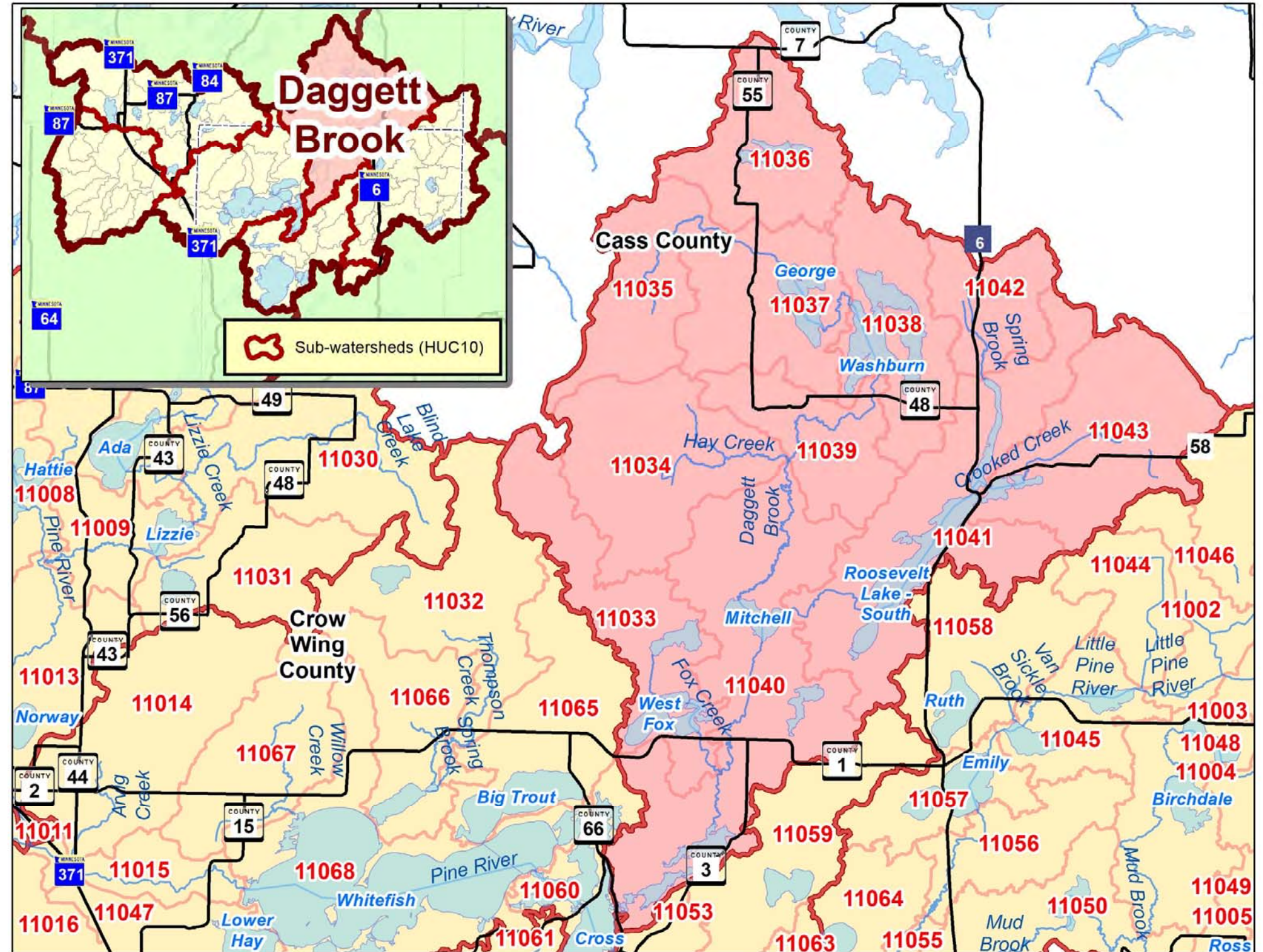


# Daggett Brook Sub-watershed

Minor Watershed #	Minor Watershed Name
11033	Fox Creek/Fox Lakes
11034	Hay Creek
11035	Daggett Br. / Cranberry Lake
11036	Island / Mitten Lakes
11037	Lake George
11038	Washburn Lake
11039	Daggett Br. (S. of Washburn Lake)
11040	Mitchell / Eagle Lakes
11041	Roosevelt Lake
11042	Spring Brook
11043	Lawrence / Leavitt





Basics			Risk / Disturbed					Outstanding Surface Water Resources	Protection					Forests / Biodiversity / Potential Native Plant Community System							
Minor #	Acres	Sq Miles	Risk Factors	Lake Phosphorus Sensitivity	Average % Slope	% Altered Water- courses	% Land Disturb- ance		DNR Lake Protection Classification*	% Protected	Land Value / Ac (20+ ac parcels)	Acres Needed for 75%	Potential to Protect (ac)	% Forest Cover	% Forest Steward- ship Plans	FFF Composite Mean Score	Terrestrial Biodiversity	% Fire Dependent (FD)	% Mesic Hardwood (MH)	% Wet Meadow (WM)	% Other Systems
11033	8,592	13	Declining Water Quality Trend	High	10.6%	13.2%	8%	Cisco	Protection / Vigilance	85%	\$522	Goal Met	684	<div><div>62%</div></div>	<div><div>3%</div></div>	97.1	Moderate- High	<div><div>14%</div></div>	<div><div>57%</div></div>	<div><div>11%</div></div>	<div><div>3%</div></div>
11034	9,317	15		High	7.0%	0.0%	10%		Protection / Vigilance	99%	\$25	Goal Met	62	<div><div>70%</div></div>	<div><div>1%</div></div>	96.0	Moderate- High	<div><div>4%</div></div>	<div><div>64%</div></div>	<div><div>21%</div></div>	<div><div>7%</div></div>
11035	5,923	9			5.5%	0.0%	9%		Protection / Vigilance	100%	\$72	Goal Met	21	<div><div>59%</div></div>	<div><div>0%</div></div>	95.8	Moderate	<div><div>10%</div></div>	<div><div>44%</div></div>	<div><div>30%</div></div>	<div><div>16%</div></div>
11036	6,736	11	Impaired	Higher	11.6%	85.1%	8%	Lakes of Biodiversity Significance, Wild Rice	Protection	83%	\$755	Goal Met	655	<div><div>49%</div></div>	<div><div>5%</div></div>	98.0	Moderate	<div><div>11%</div></div>	<div><div>47%</div></div>	<div><div>16%</div></div>	<div><div>13%</div></div>
11037	7,481	12		High	6.0%	4.6%	7%	Lakes of Biodiversity Significance, Wild Rice	Protection / Vigilance	87%	\$567	Goal Met	579	<div><div>50%</div></div>	<div><div>8%</div></div>	97.7	Moderate	<div><div>8%</div></div>	<div><div>39%</div></div>	<div><div>23%</div></div>	<div><div>20%</div></div>
11038	7,405	12		Higher	12.4%	0.0%	5%	Cisco, Lakes of Biodiversity Significance, Trout, Wild Rice	Protection	80%	\$1,061	Goal Met	663	<div><div>52%</div></div>	<div><div>5%</div></div>	99.4	Moderate	<div><div>12%</div></div>	<div><div>50%</div></div>	<div><div>9%</div></div>	<div><div>4%</div></div>
11039	5,370	8		High	10.5%	0.0%	8%	Trout	Protection	89%	\$557	Goal Met	319	<div><div>54%</div></div>	<div><div>16%</div></div>	100.0	Moderate	<div><div>25%</div></div>	<div><div>46%</div></div>	<div><div>15%</div></div>	<div><div>9%</div></div>
11040	16,968	27	Declining Water Quality Trend, Feedlot (1)	Higher	12.1%	0.0%	12%	Lakes of Biodiversity Significance, Wild Rice	Protection	52%	\$1,237	3987	4120	<div><div>55%</div></div>	<div><div>9%</div></div>	98.4	Moderate- High	<div><div>33%</div></div>	<div><div>44%</div></div>	<div><div>7%</div></div>	<div><div>3%</div></div>
11041	13,588	21	Declining Water Quality Trend	Highest	11.5%	0.0%	7%	Cisco, Lakes of Biodiversity Significance, Trout	Protection	65%	\$802	1317	2101	<div><div>56%</div></div>	<div><div>7%</div></div>	100.7	Moderate- High	<div><div>16%</div></div>	<div><div>51%</div></div>	<div><div>12%</div></div>	<div><div>4%</div></div>
11042	4,264	7			10.0%	0.0%	8%	Trout	Protection / Vigilance	85%	\$478	Goal Met	503	<div><div>61%</div></div>	<div><div>2%</div></div>	98.3	Moderate	<div><div>16%</div></div>	<div><div>58%</div></div>	<div><div>16%</div></div>	<div><div>6%</div></div>
11043	9,850	15	Declining Water Quality Trend	Higher	8.7%	0.0%	7%		Protection / Vigilance	81%	\$330	Goal Met	681	<div><div>49%</div></div>	<div><div>2%</div></div>	101.2	Moderate- High	<div><div>17%</div></div>	<div><div>39%</div></div>	<div><div>17%</div></div>	<div><div>21%</div></div>

Sub-watershed (HUC10): Daggett Brook

Geomorphology: Till Plain (+ some moraine-based till)

Primary Land Cover: Mesic-Hardwood Forest / Wetlands

Primary Land Uses: Water-based Tourism, Hunting/Recreation, Forestry

Lake or Stream Based: Lake

Quality: High Quality Lakes (all sizes) & Forests

Risks: Development

Management Mode(s): Opportunism/Active

Acreage Needed for Goal: 5303 acres

Total Cost to Achieve Goal: \$4,913,124      Cost /minor watershed = \$446,648

Minor Watershed Summary			Resource Context / Management Goals								Managing for: High Quality Resources										Managing for: Risk						Managing by: Implementation Focus / Applicable Tool									
Minor Watershed #	Minor Watershed Name	Minor Wshd Acres	Lake or Stream Based	Protection Goal	% Protected	Acres Needed for 75%	Potential To Protect (ac)	Cost	Protection Framework (DNR)	Mgmt Mode	Forest Type (FD/MH)	Forests	Lakes	Streams/ Source-water	Groundwater	Fish Habitat	Wildlife Habitat	Other High Quality Habitat	Avg. RAQ Score	Private Lands: Large Tract	Private Lands: Shoreline (small tract)	Open Land Issues: Grazing, Hay/Pasture	Open Land Issues: Row Crops	Aquatic Threats (Phosphorus / Declining Trends/Impaired)	Other Risk (Noted Below):	Forest Stewardship Plans, Advice	Grants and Cost-share Projects: Near-shore	Grants and Cost-share Projects: Watershed	Private Forest Management	Conveyance Systems	Local Land Use	Land Swaps / Trust Land Mgmt (Public Lands)	Incentive Programs (SFIA, 2C, CRP)	Conservation Easements	Fee Title Acquisition	
11033	Fox Creek/Fox Lakes	8,592	Lake	75%	85%	Goal Met	684	\$0	Protection	Vigilance	Opportunism: Near Shore Priority	MH	X	X	X	X	X	?	High Bio-diversity	4.75		X			X			X	X	X		X	X	X		
11034	Hay Creek	9,317	Stream	75%	99%	Goal Met	62	\$0	Protection	Vigilance	Opportunism	MH	X	?	X		?	?	High Bio-diversity	4.5												X				
11035	Daggett Br. / Cranberry Lake	5,923	Stream	75%	100%	Goal Met	21	\$0	Protection	Vigilance	Opportunism	MH/WM	X	?	X	X	?	?	?	6												X				
11036	Island / Mitten Lakes	6,736	Lake	75%	83%	Goal Met	655	\$0	Protection		Opportunism: Near-Shore Priority	MH	X	X	?	X	X	X	High Bio-diversity	4.65		X			X		X	X	X		X	X	X			
11037	Lake George	7,481	Lake	75%	87%	Goal Met	579	\$0	Protection	Vigilance	Opportunism: Wildlife Priority	MH	X	X	X		X	X	High Bio-diversity	4.75		X					X	X	X		X	X	X			
11038	Washburn Lake	7,405	Lake	75%	80%	Goal Met	663	\$0	Protection		Opportunism: Near Shore Priority	MH	X	X	X		X	X	High Bio-diversity	5.65		X			X		X	X	X		X	X	X			
11039	Daggett Br. (S. of Washburn Lake)	5,370	Lake/ Stream	75%	89%	Goal Met	319	\$0	Protection		Opportunism	FD/MH	X	?	X		X	?	?	5.3		X					X	X	X		X		X			
11040	Mitchell / Eagle Lakes	16,968	Lake/ Stream	75%	52%	3987	4120	\$3,822,506	Protection		Active: Development Priority	FD/MH	X	X	X	X	X	X	High Bio-diversity	4.05	X	X			X		X	X	X	X		X	X	X	X	Local Decision
11041	Roosevelt Lake	13,588	Lake	75%	65%	1317	2101	\$1,090,618	Protection		Active: Development/ GW Priority	MH	X	X	X	X	X	?	High Bio-diversity	4.65	X	X			X		X	X	X	X		X	X	X	X	Local Decision
11042	Spring Brook	4,264	Stream	75%	85%	Goal Met	503	\$0	Protection	Vigilance	Opportunism	MH	X	?	X		X	?	?	5.2		X						X	X			X	X			
11043	Lawrence / Leavitt	9,850	Lake/ Stream	75%	81%	Goal Met	681	\$0	Protection	Vigilance	Opportunism	MH	X	?	X	X	?	?	High Bio-diversity	5.6		X			X		X	X	X		X	X	X			

MH = Mesic Hardwoods, FD = Fire Dependent, WM = Wet Meadow

Above is checked if FFF score is >94.7 (mean for Pine R. Watershed) or High/Outstanding Biodiversity (MCBS)/Old Growth or HCVF

X = if outstanding biological, wild rice, cisco, trout, etc.

X = if there is a discernable outlet to the watershed that would contribute surface water downstream

X = wellhead protection area or outwash soils are present

X = trout, cisco/tullibee, game fish, etc.

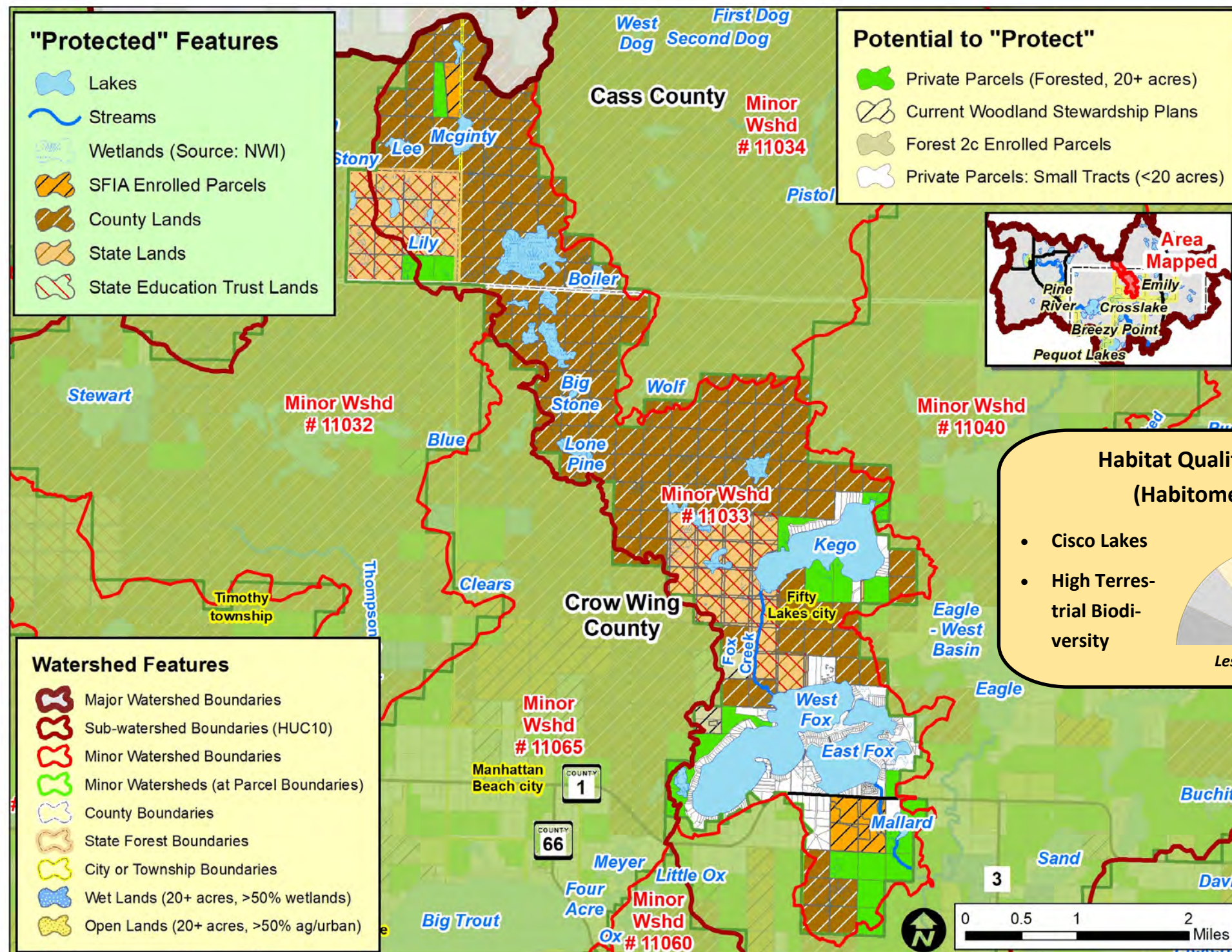
Score = Average Composite of Riparian, Adjacency, Quality across the wshd

X = 'Higher' or 'Highest' Phos. Sensitivity Score OR Declining trend in water quality OR impaired

B = Beaver Issues, C = Downcutting by Culverts, CH = channelized



# What is the Potential to Protect the Fox Creek / Fox Lakes Minor Watershed (Minor 11033)?

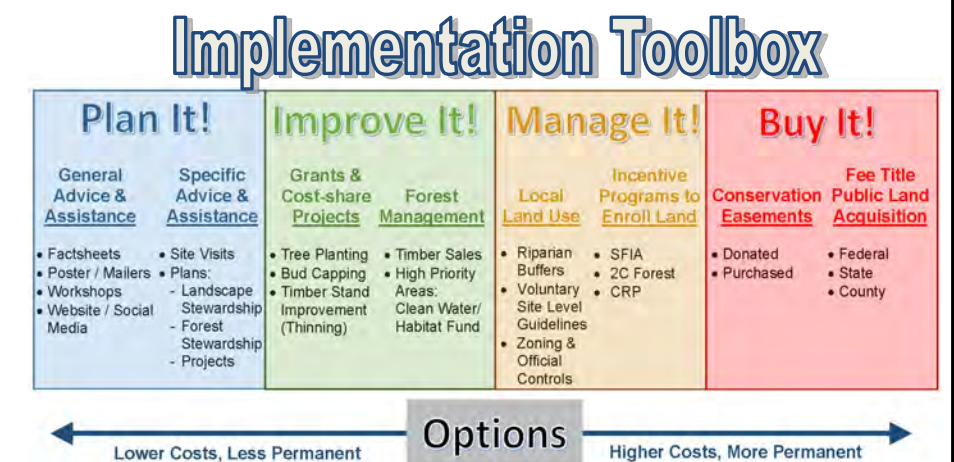


**Water Quality Trends / Impairments:**

Improving: None

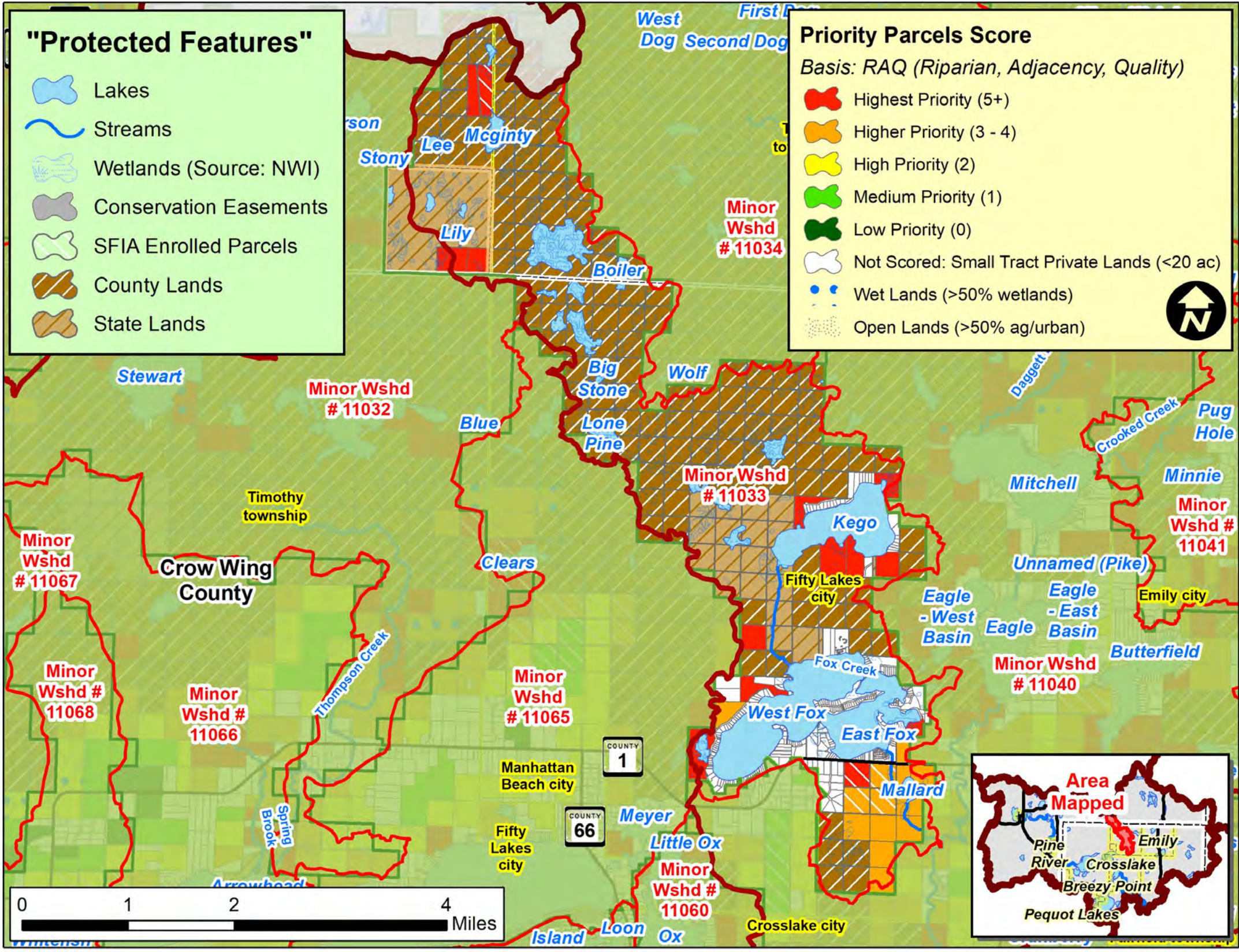
Declining: Fox L (E&W) Impaired: Kego

Stable (No Trend): None





# RAQ Scoring for Parcels in the Fox Creek / Fox Lakes Minor Watershed (Minor #11033)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

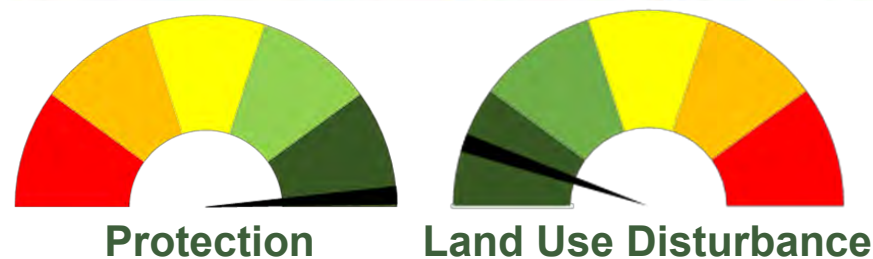
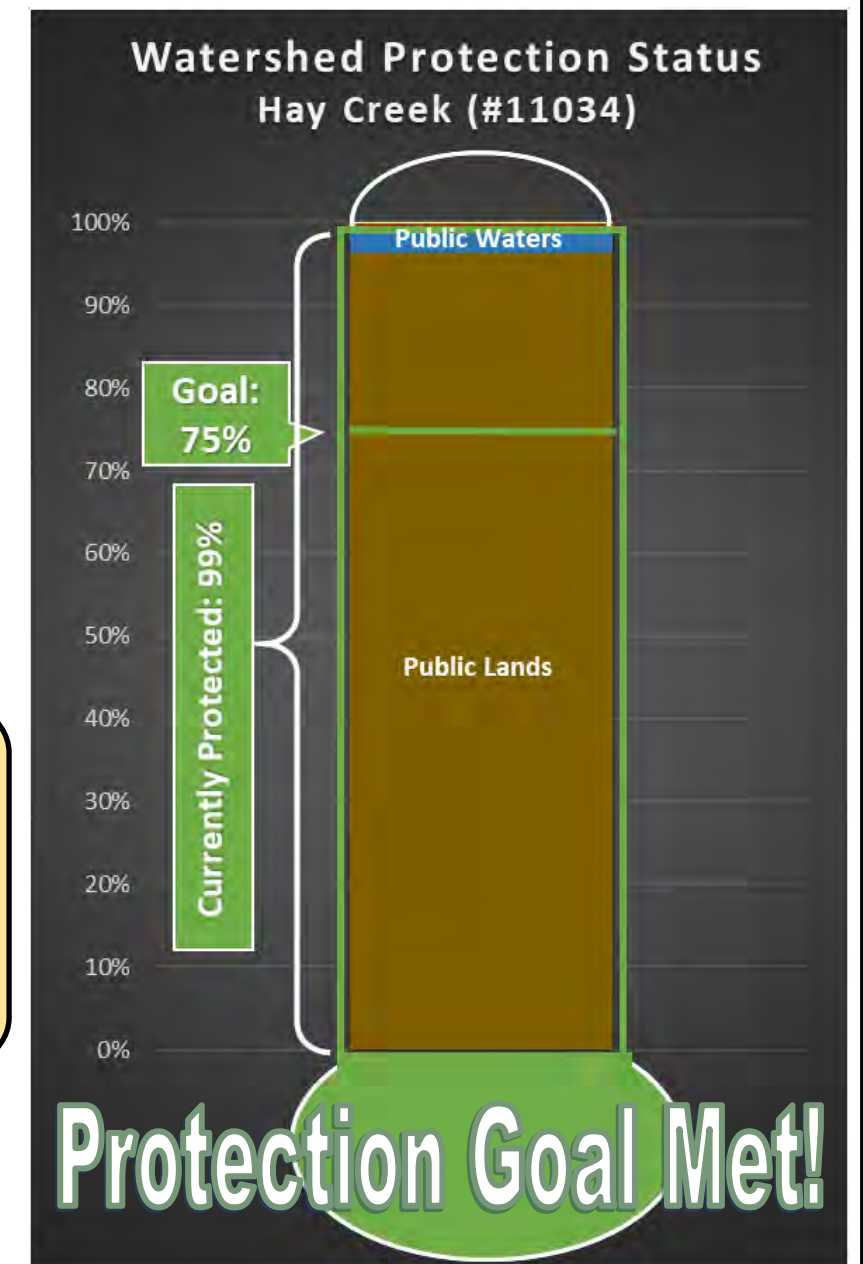
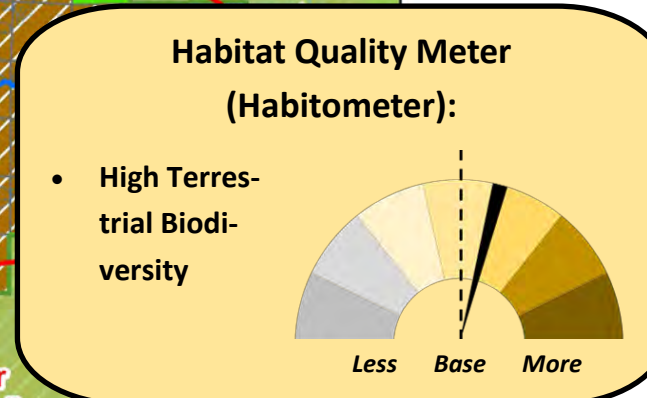
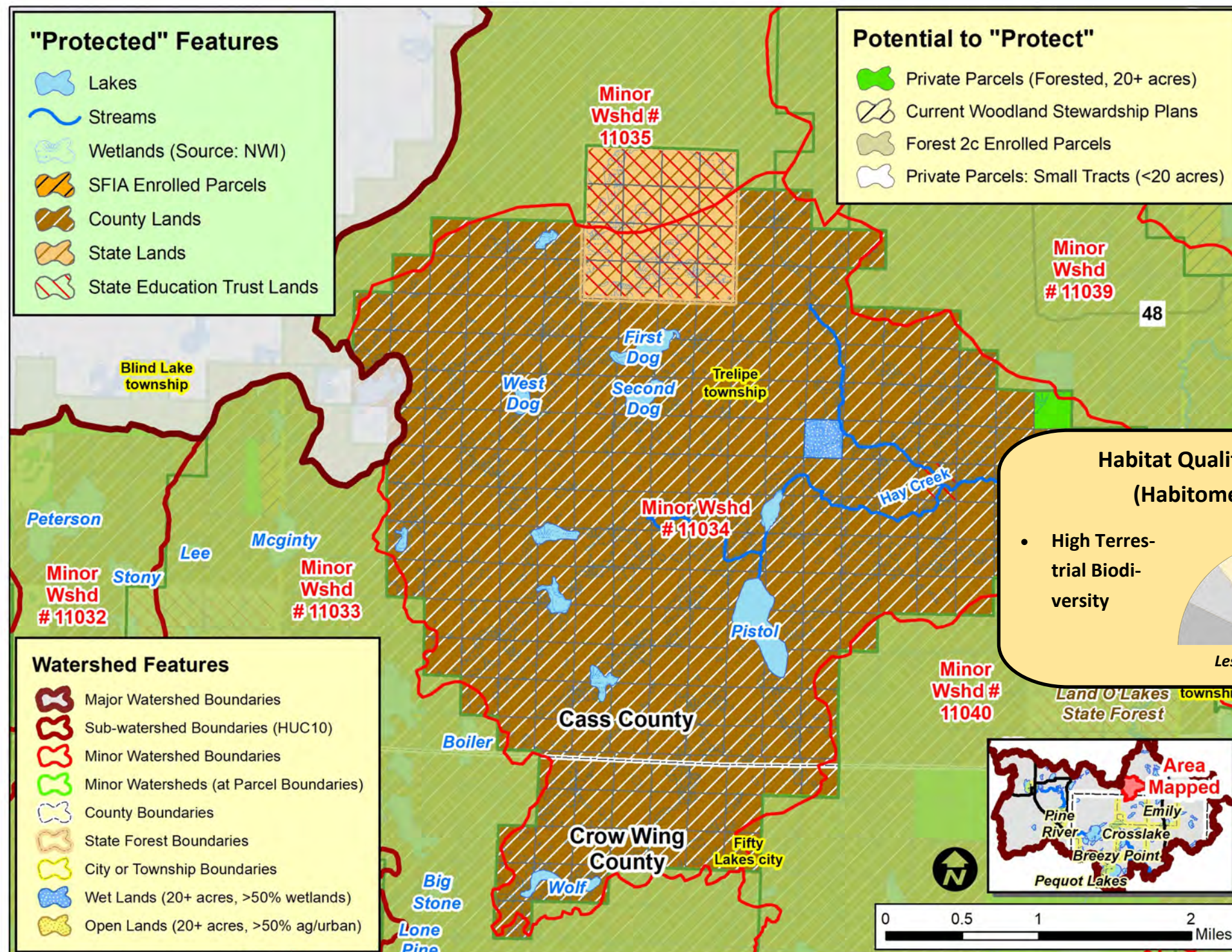
## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance • Factsheets • Poster / Mailers • Workshops • Website / Social Media	Specific Advice & Assistance • Site Visits • Plans: - Landscape Stewardship - Forest Stewardship Projects	Grants & Cost-share Projects • Tree Planting • Bud Capping • Timber Stand Improvement (Thinning) Forest Management • Timber Sales • High Priority Areas • Clean Water/Habitat Fund	Local Land Use • Riparian Buffers • Voluntary Site Level Guidelines • Zoning & Official Controls
	Incentive Programs to Enroll Land • SFIA • 2C Forest • CRP	Conservation Easements • Donated • Purchased	Fee Title Public Land Acquisition • Federal • State • County

Options: Lower Costs, Less Permanent → Higher Costs, More Permanent



# What is the Potential to Protect the Hay Creek Minor Watershed (Minor 11034)?

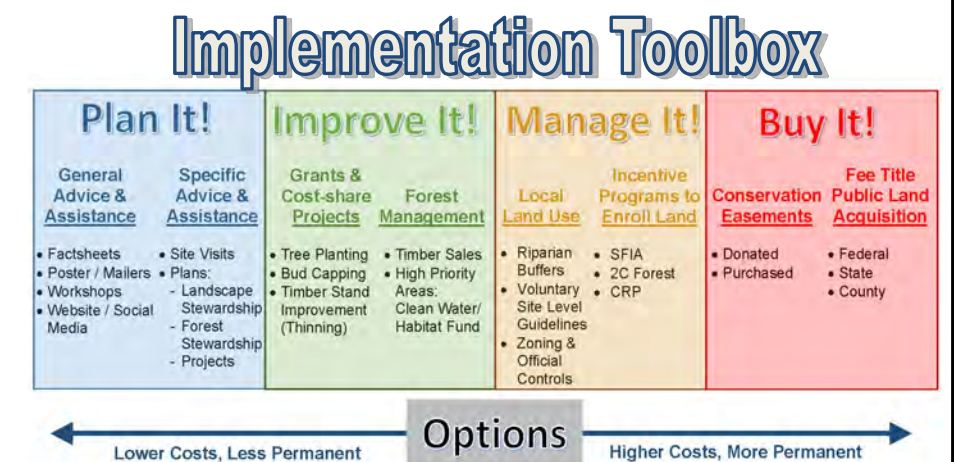
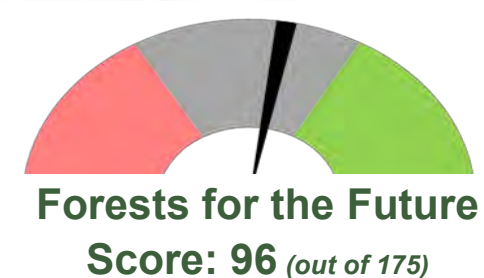


**Water Quality Trends / Impairments:**

Improving: None

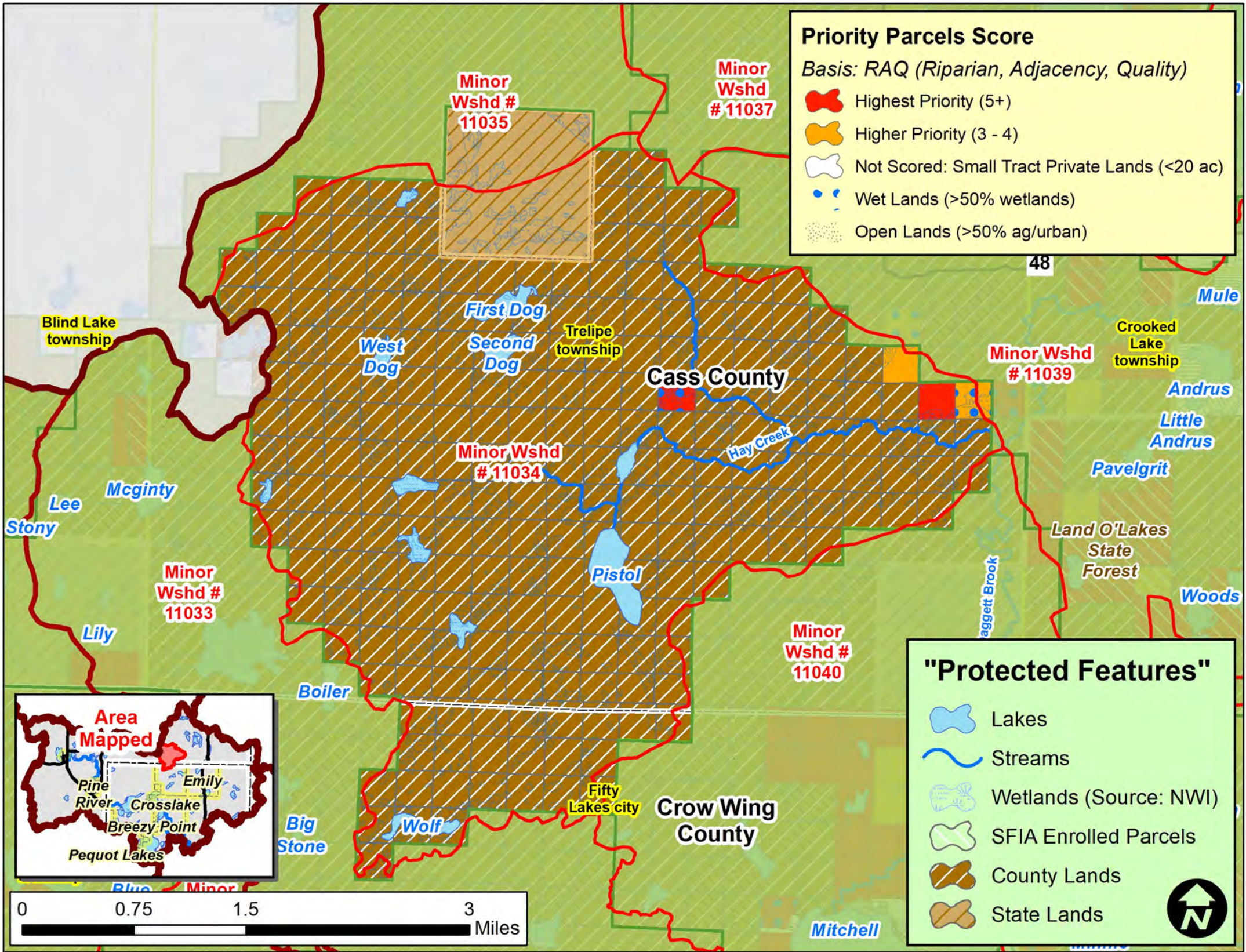
Declining: None Impaired: None

Stable (No Trend): None





# RAQ Scoring for Parcels in the Hay Creek Minor Watershed (Minor #11034)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

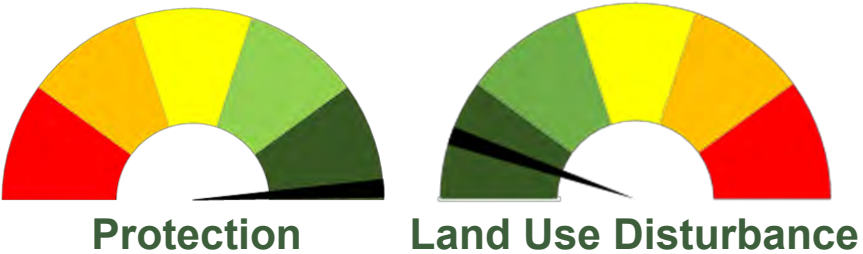
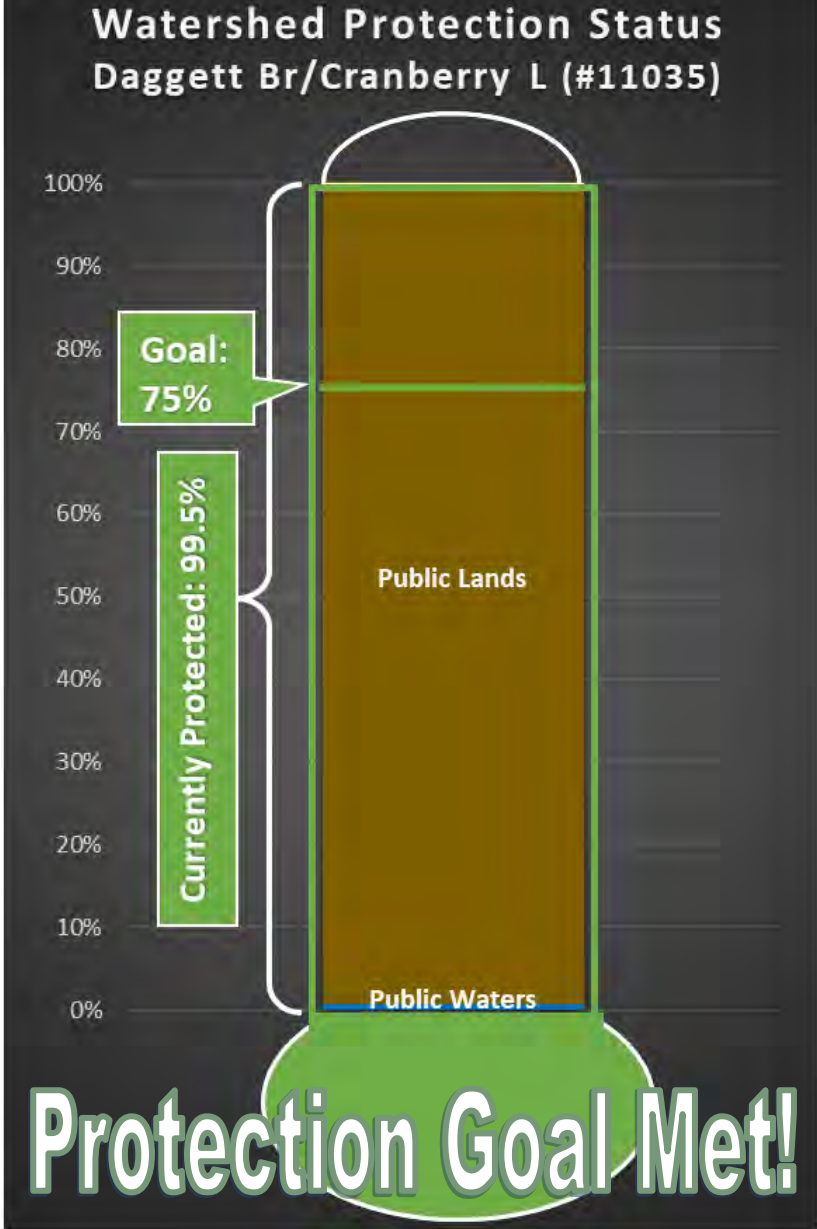
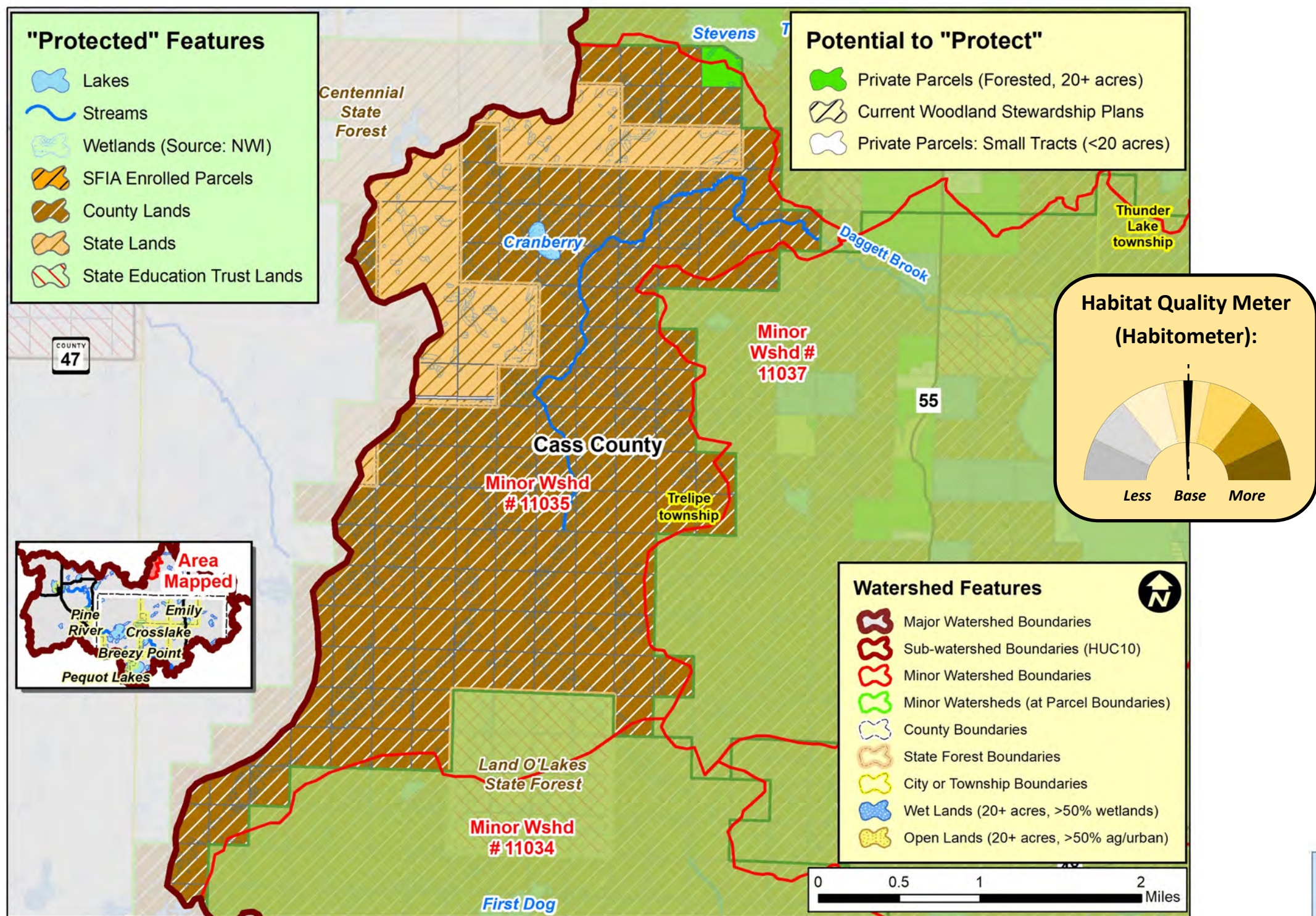
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
<b>General Advice &amp; Assistance</b> <ul style="list-style-type: none"><li>Factsheets</li><li>Poster / Mailers</li><li>Workshops</li><li>Website / Social Media</li></ul>	<b>Specific Advice &amp; Assistance</b> <ul style="list-style-type: none"><li>Site Visits</li><li>Plans</li><li>Landscape Stewardship</li><li>Forest Stewardship Projects</li></ul>	<b>Grants &amp; Cost-share Projects</b> <ul style="list-style-type: none"><li>Tree Planting</li><li>Bud Capping</li><li>Timber Stand Improvement</li><li>Forest Thinning</li></ul> <b>Forest Management</b> <ul style="list-style-type: none"><li>Timber Sales</li><li>High Priority Areas</li><li>Clean Water/Habitat Fund</li></ul>	<b>Local Land Use</b> <ul style="list-style-type: none"><li>Riparian Buffers</li><li>Voluntary Site Level Guidelines</li><li>Zoning &amp; Official Controls</li></ul> <b>Incentive Programs to Enroll Land</b> <ul style="list-style-type: none"><li>SFIA</li><li>2C Forest</li><li>CRP</li></ul> <b>Conservation Easements</b> <ul style="list-style-type: none"><li>Donated</li><li>Purchased</li></ul> <b>Fee Title Public Land Acquisition</b> <ul style="list-style-type: none"><li>Federal</li><li>State</li><li>County</li></ul>
Options			
Lower Costs, Less Permanent		Higher Costs, More Permanent	



# What is the Potential to Protect the Daggett Br. / Cranberry L. Minor Watershed (Minor 11035)?

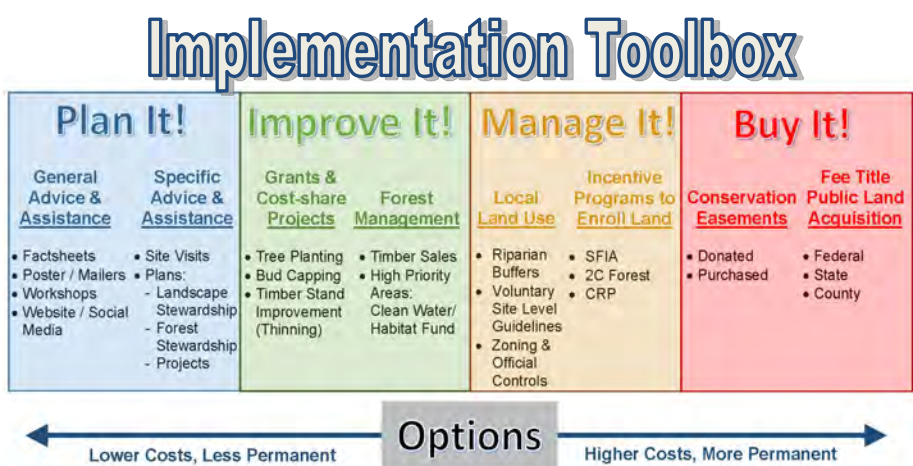
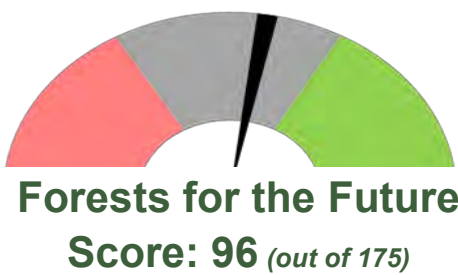


**Water Quality Trends / Impairments:**

Improving: None

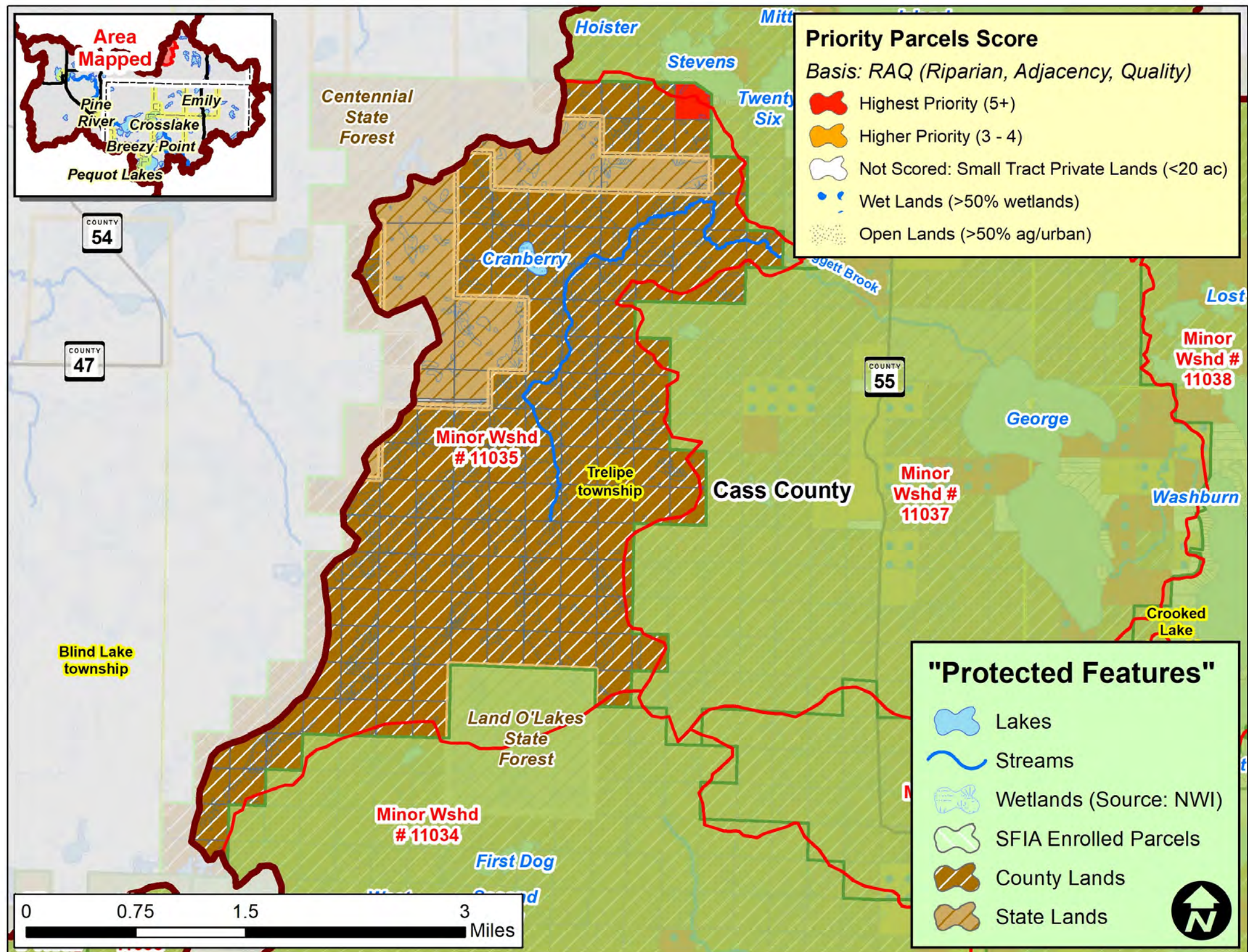
Declining: None Impaired: None

Stable (No Trend): None





# RAQ Scoring for Parcels in the Daggett Br. / Cranberry L. Minor Watershed (Minor #11035)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

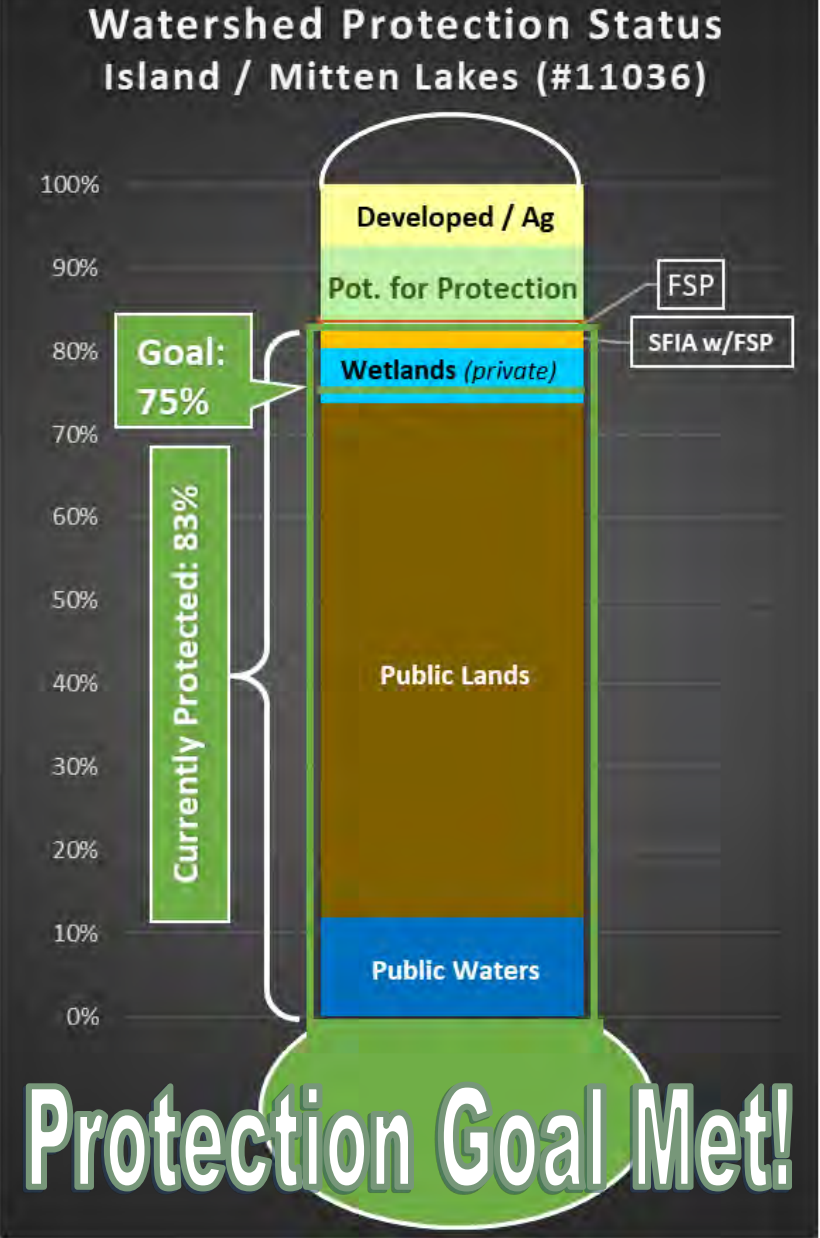
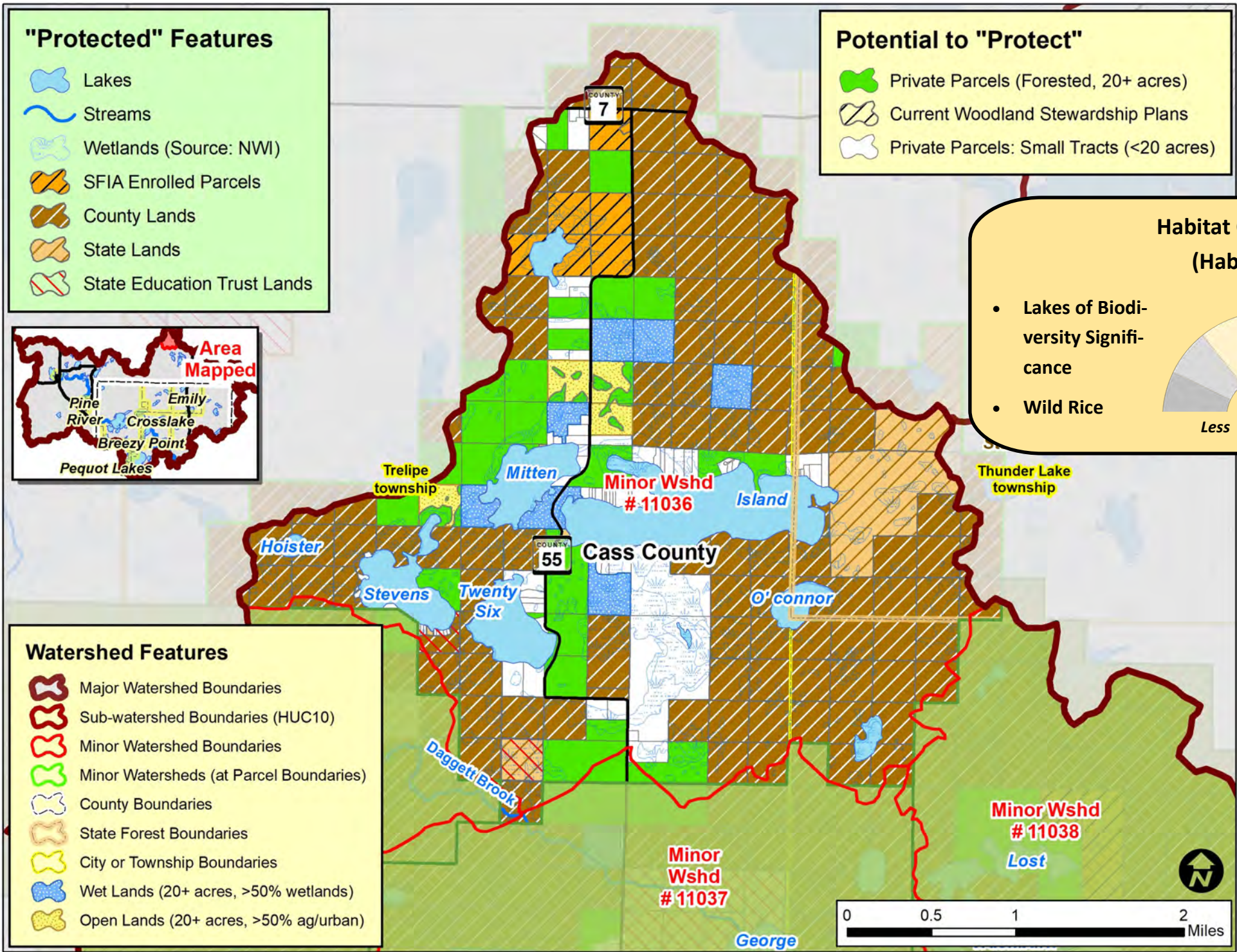
## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance	Specific Advice & Assistance	Grants & Cost-share Projects	Local Land Use
Factsheets Poster / Mailers Workshops Website / Social Media	Site Visits Plans Landscape Stewardship Forest Stewardship Projects	Forest Management Tree Planting Bud Capping Timber Stand Improvement (Thinning)	Incentive Programs to Enroll Land Riparian Buffers Voluntary Site Level Guidelines Zoning & Official Controls
			Fee Title Conservation Public Land Easements Acquisition
			Donated Purchased Federal State County

Options: Lower Costs, Less Permanent to Higher Costs, More Permanent



# What is the Potential to Protect the Island / Mitten Lakes Minor Watershed (Minor 11036)?

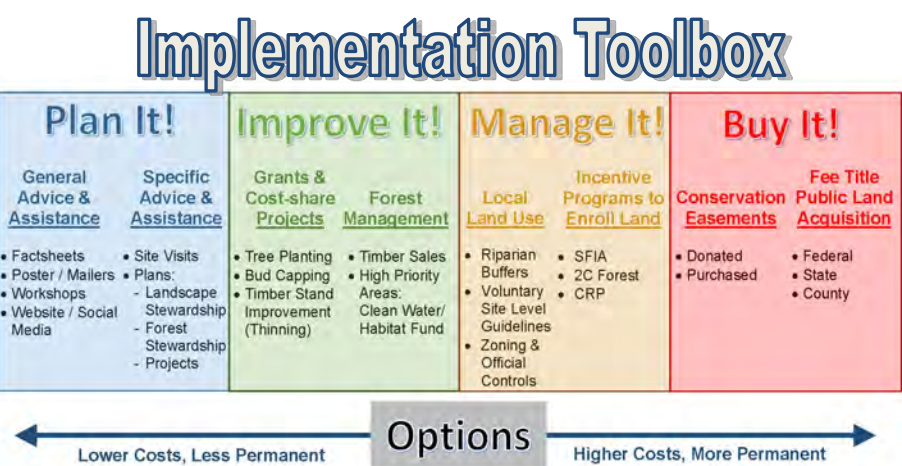
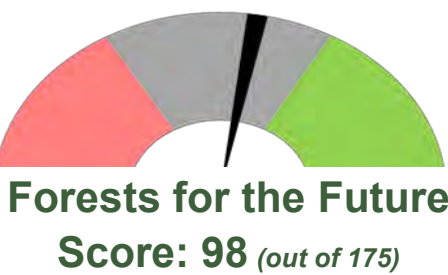


**Water Quality Trends / Impairments:**

Improving: None

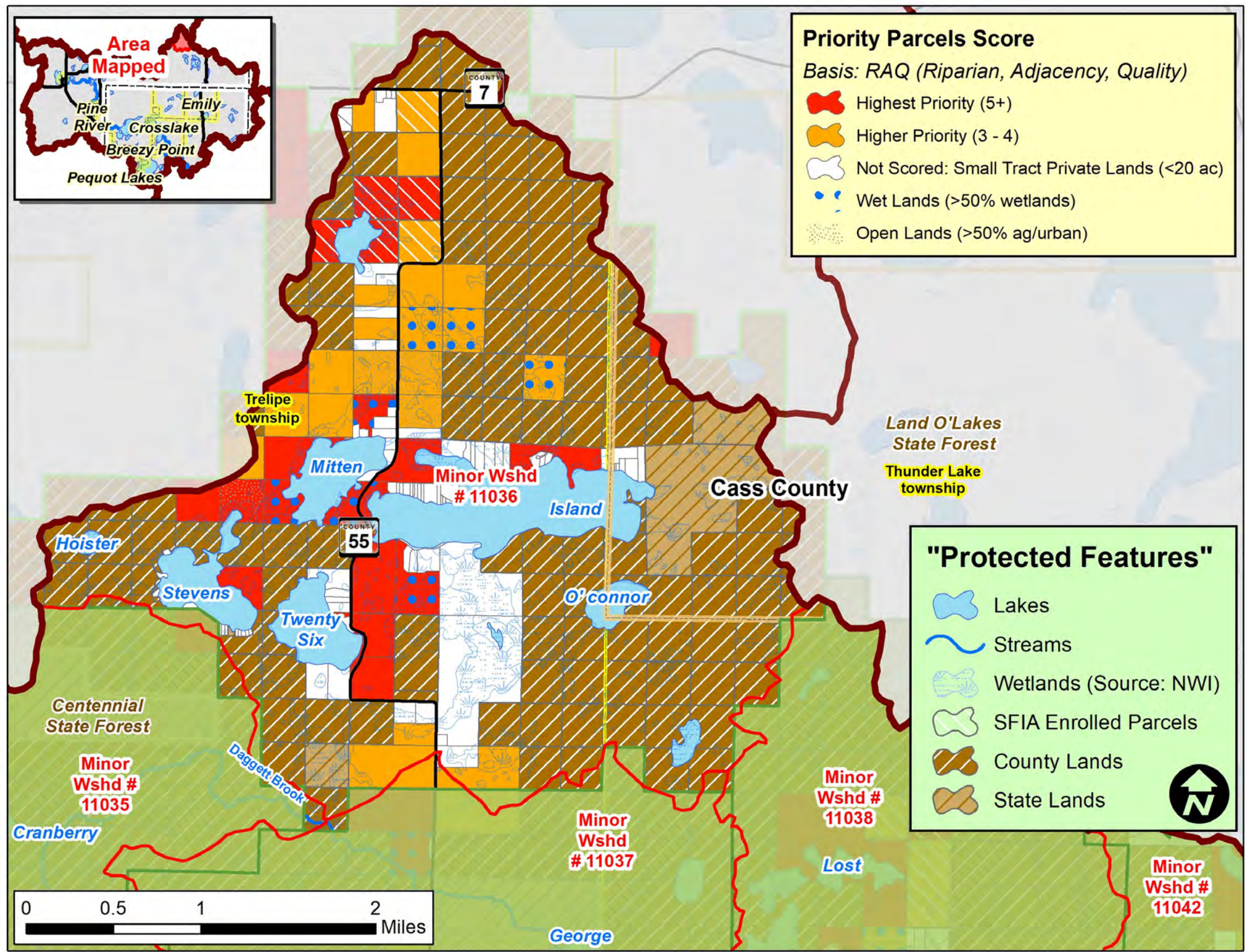
Declining: None Impaired: Mitten Lake

Stable (No Trend): Island Lake





# RAQ Scoring for Parcels in the Island / Mitten Lakes Minor Watershed (Minor #11036)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

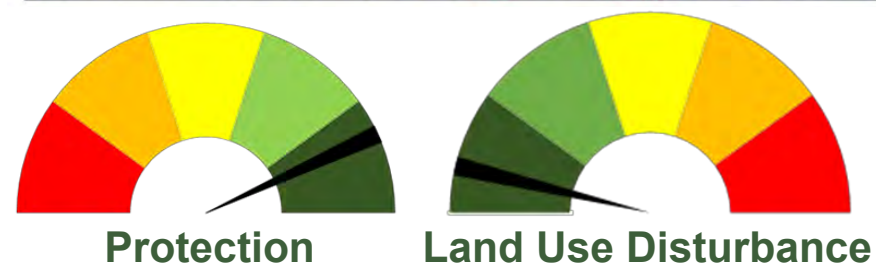
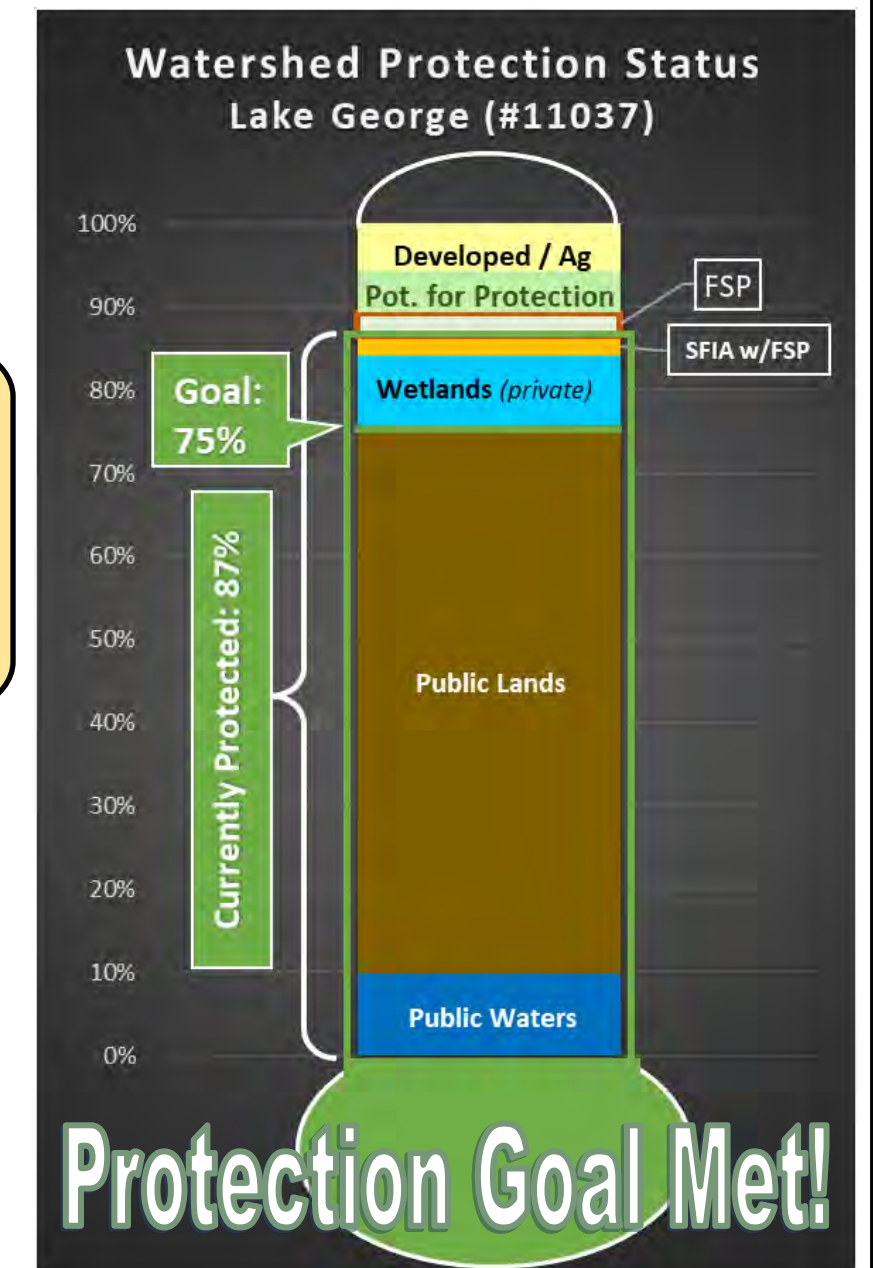
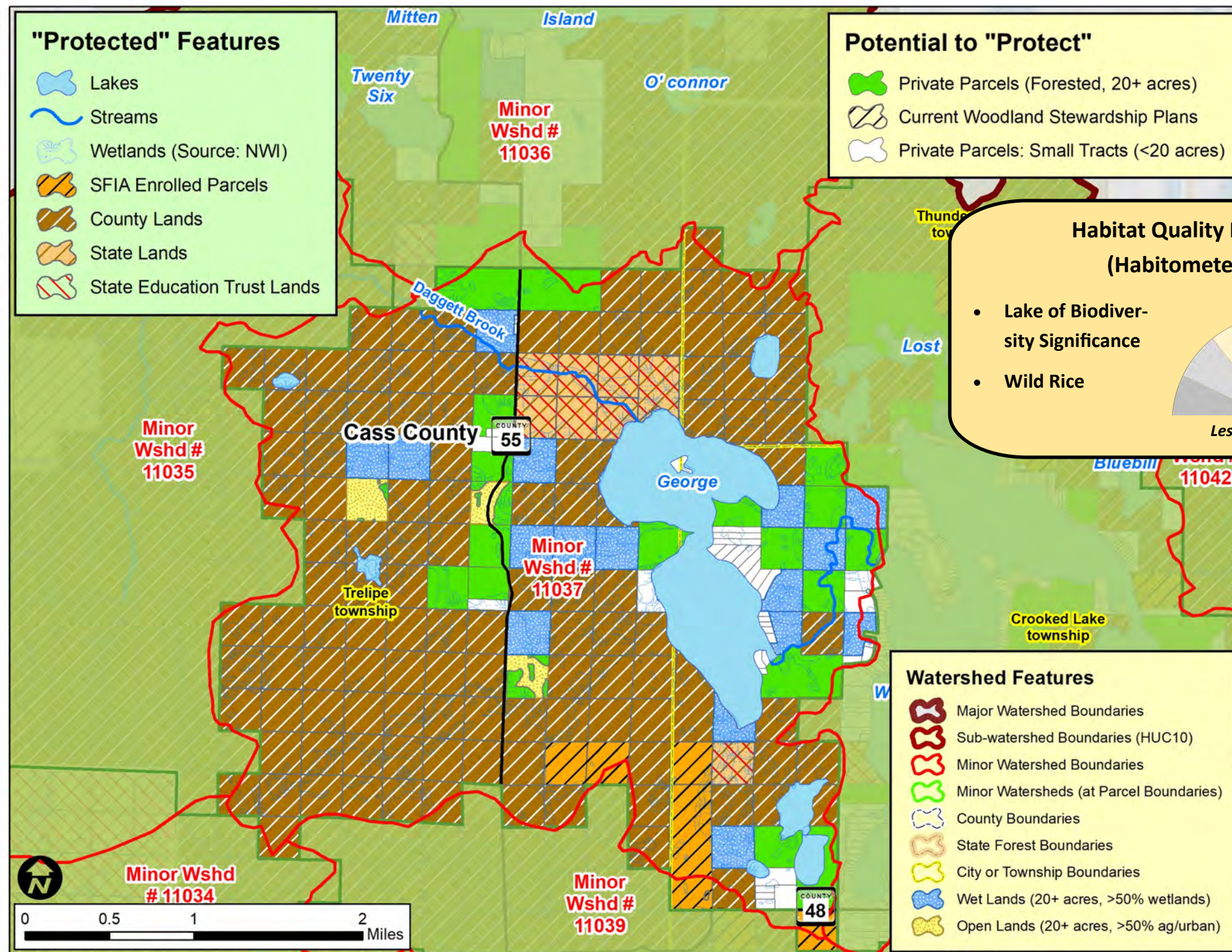
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
<b>General Advice &amp; Assistance</b> <ul style="list-style-type: none"><li>• Factsheets</li><li>• Poster / Mailers</li><li>• Workshops</li><li>• Website / Social Media</li></ul>	<b>Specific Advice &amp; Assistance</b> <ul style="list-style-type: none"><li>• Site Visits</li><li>• Plans</li><li>• Landscape Stewardship</li><li>• Forest Stewardship Projects</li></ul>	<b>Grants &amp; Cost-share Projects</b> <ul style="list-style-type: none"><li>• Tree Planting</li><li>• Bud Capping</li><li>• Timber Stand Improvement (Thinning)</li></ul> <b>Forest Management</b> <ul style="list-style-type: none"><li>• Timber Sales</li><li>• High Priority Areas</li><li>• Clean Water/Habitat Fund</li></ul>	<b>Local Land Use</b> <ul style="list-style-type: none"><li>• Riparian Buffers</li><li>• Voluntary Site Level Guidelines</li><li>• Zoning &amp; Official Controls</li></ul> <b>Incentive Programs to Enroll Land</b> <ul style="list-style-type: none"><li>• SFIA</li><li>• 2C Forest</li><li>• CRP</li></ul> <b>Conservation Easements</b> <ul style="list-style-type: none"><li>• Donated</li><li>• Purchased</li></ul> <b>Fee Title Public Land Acquisition</b> <ul style="list-style-type: none"><li>• Federal</li><li>• State</li><li>• County</li></ul>
Options			
Lower Costs, Less Permanent		Higher Costs, More Permanent	



# What is the Potential to Protect the Lake George Minor Watershed (Minor 11037)?



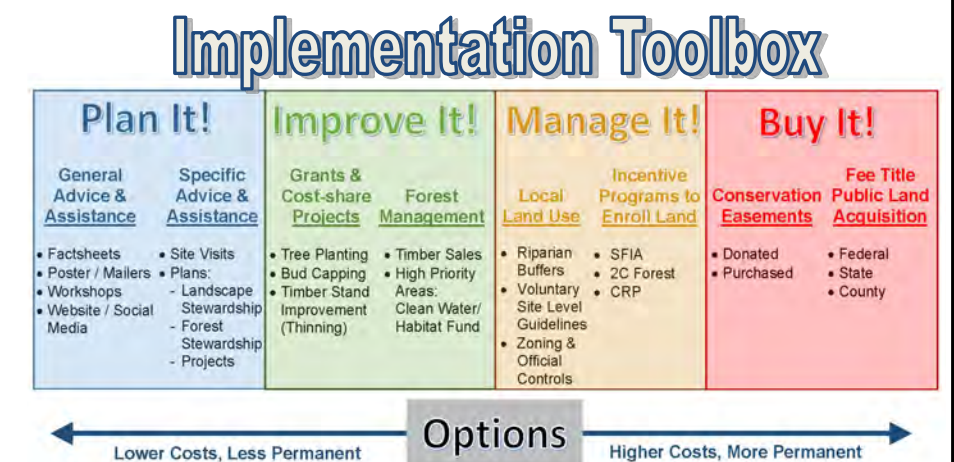
**Water Quality Trends / Impairments:**

**Improving: None**

**Declining: None**

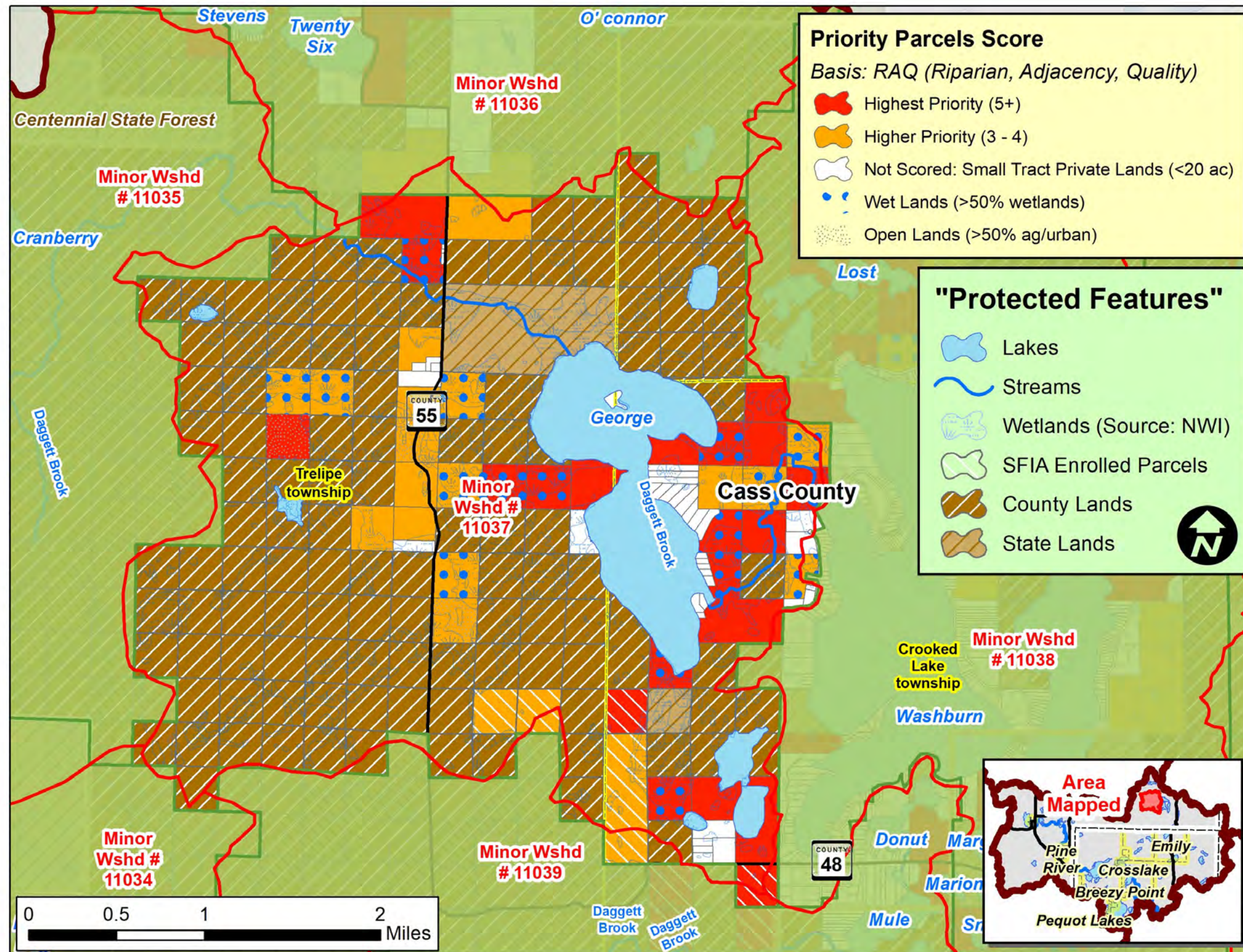
**Impaired: None**

**Stable (No Trend): Lake George**





# RAQ Scoring for Parcels in the Lake George Minor Watershed (Minor #11037)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

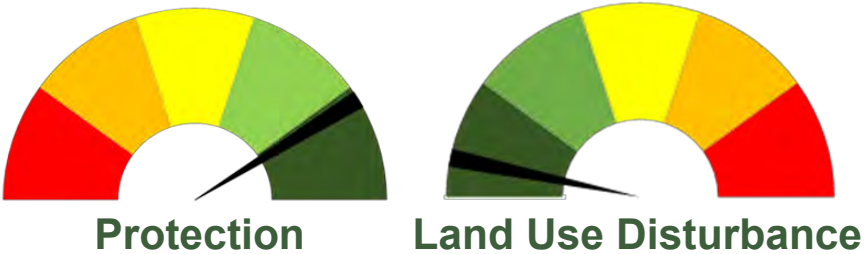
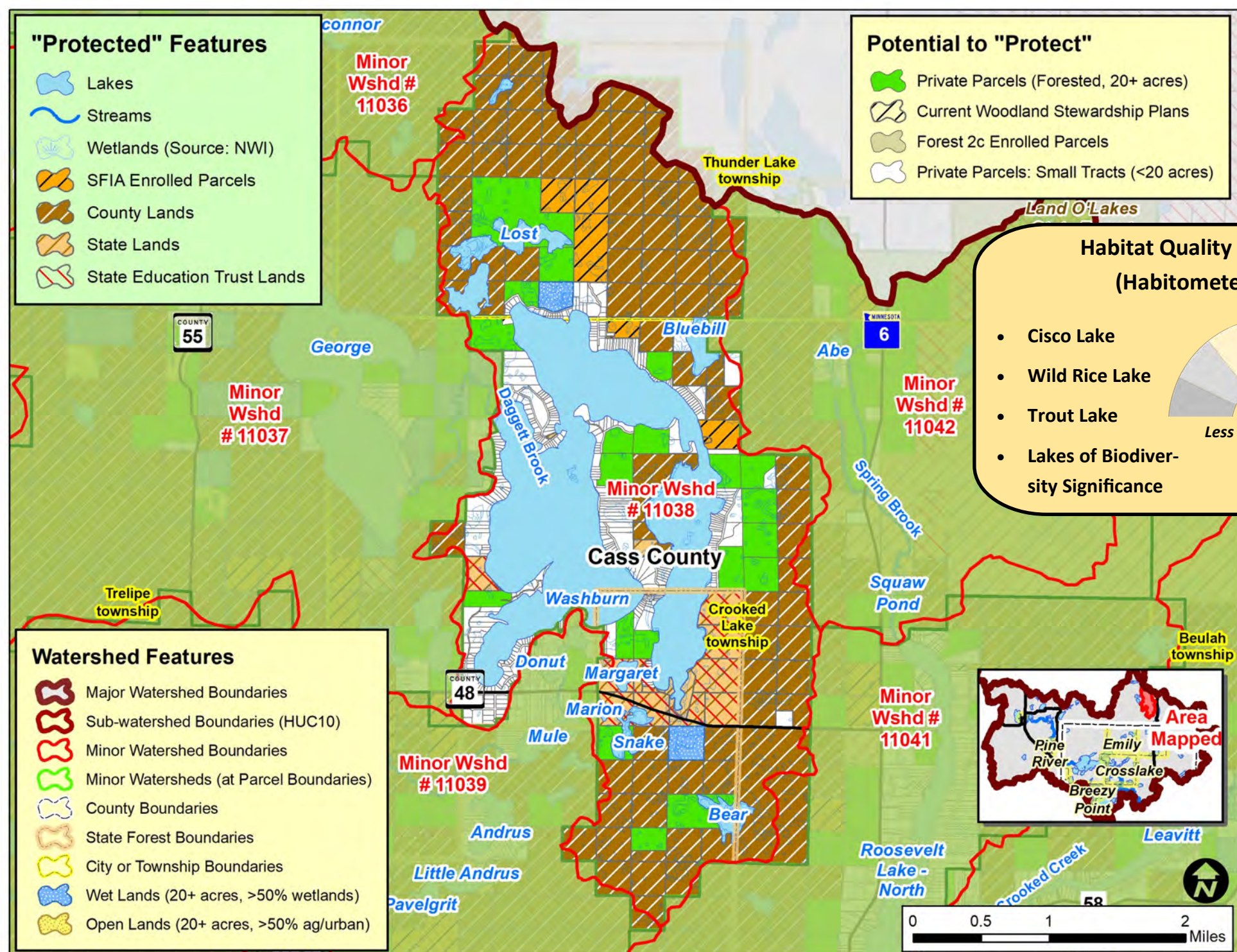
## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance • Factsheets • Poster / Mailers • Workshops • Website / Social Media	Specific Advice & Assistance • Plans • Landscape Stewardship • Forest Stewardship Projects	Grants & Cost-share Projects • Tree Planting • Bud Capping • Timber Stand Improvement (Thinning) • Forest Management • Timber Sales • High Priority Areas • Clean Water/Habitat Fund	Local Land Use • Incentive Programs to Enroll Land • SFIA • 2C Forest • CRP • Riparian Buffers • Voluntary Site Level Guidelines • Zoning & Official Controls
Conservation Easements • Donated • Purchased	Fee Title Public Land Acquisition • Federal • State • County		

Options: Lower Costs, Less Permanent → Higher Costs, More Permanent



# What is the Potential to Protect the Washburn Lake Minor Watershed (Minor 11038)?



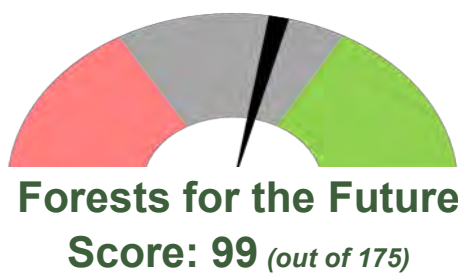
**Water Quality Trends / Impairments:**

Improving: Washburn Lake

Declining: None

Impaired: None

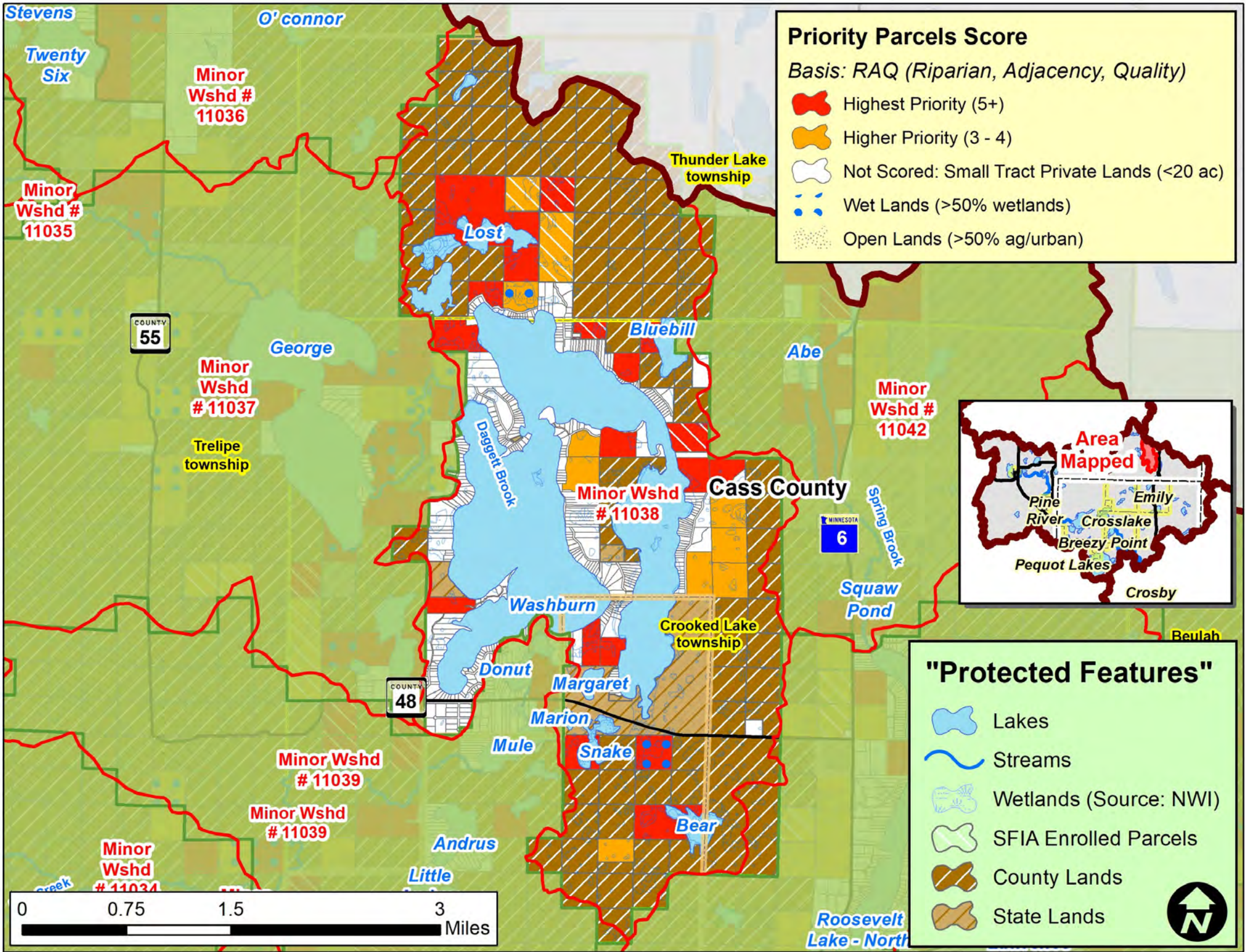
Stable (No Trend): None



Implementation Toolbox				
Plan It!	Improve It!	Manage It!	Buy It!	
General Advice & Assistance	Specific Advice & Assistance	Grants & Cost-share Projects	Local Land Use Incentive Programs to Enroll Land	Fee Title Conservation Easements Public Land Acquisition
<ul style="list-style-type: none"><li>Factsheets</li><li>Poster / Mailers</li><li>Workshops</li><li>Website / Social Media</li></ul>	<ul style="list-style-type: none"><li>Site Visits</li><li>Plans:<ul style="list-style-type: none"><li>Landscape Stewardship</li><li>Forest Stewardship</li><li>Projects</li></ul></li></ul>	<ul style="list-style-type: none"><li>Tree Planting</li><li>Bud Capping</li><li>Timber Stand Improvement (Thinning)</li><li>Timber Sales</li><li>High Priority Areas: Clean Water/Habitat Fund</li></ul>	<ul style="list-style-type: none"><li>Riparian Buffers</li><li>Voluntary Site Level Guidelines</li><li>Zoning &amp; Official Controls</li><li>SFIA</li><li>2C Forest</li><li>CRP</li></ul>	<ul style="list-style-type: none"><li>Donated</li><li>Purchased</li><li>Federal</li><li>State</li><li>County</li></ul>
Lower Costs, Less Permanent		Options		
		Higher Costs, More Permanent		



# RAQ Scoring for Parcels in the Washburn Lake Minor Watershed (Minor #11038)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

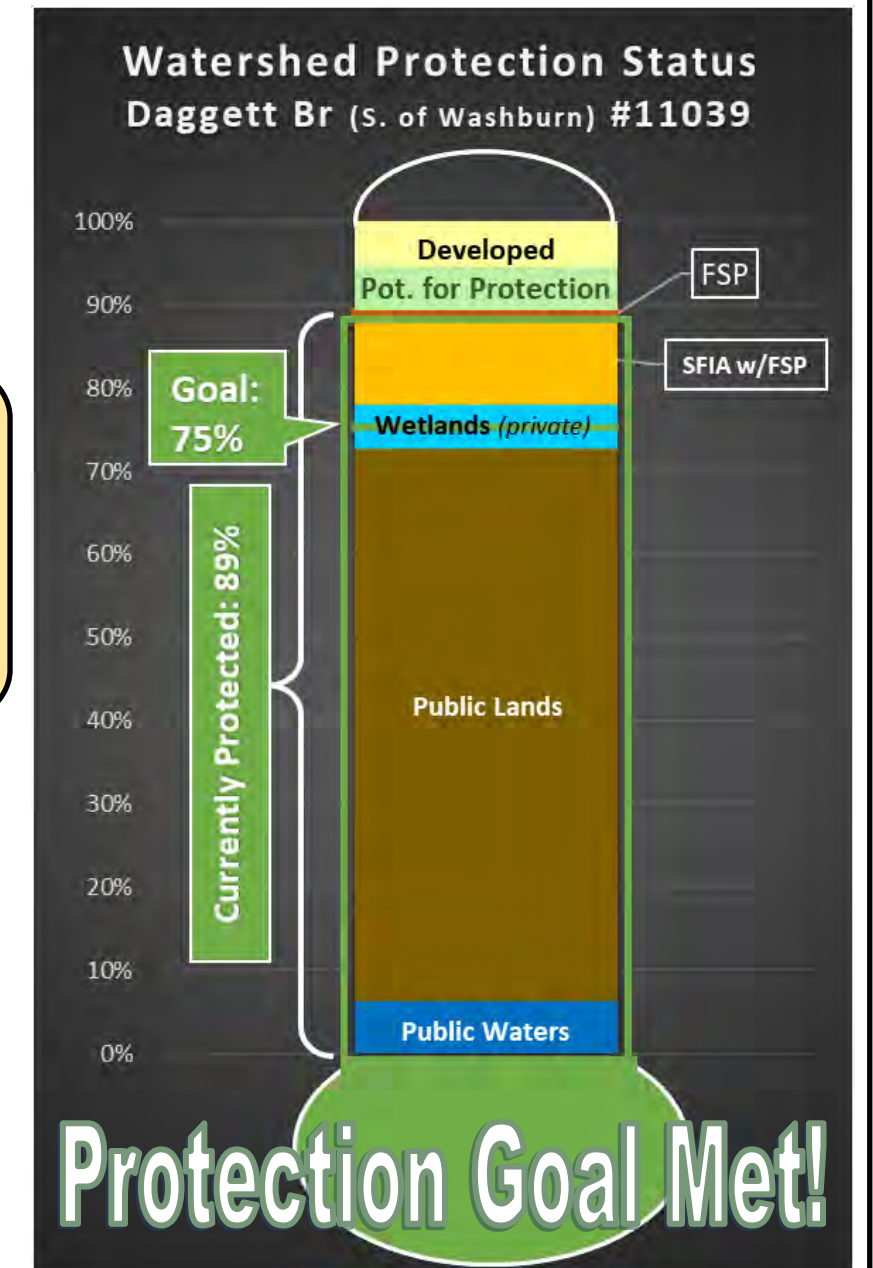
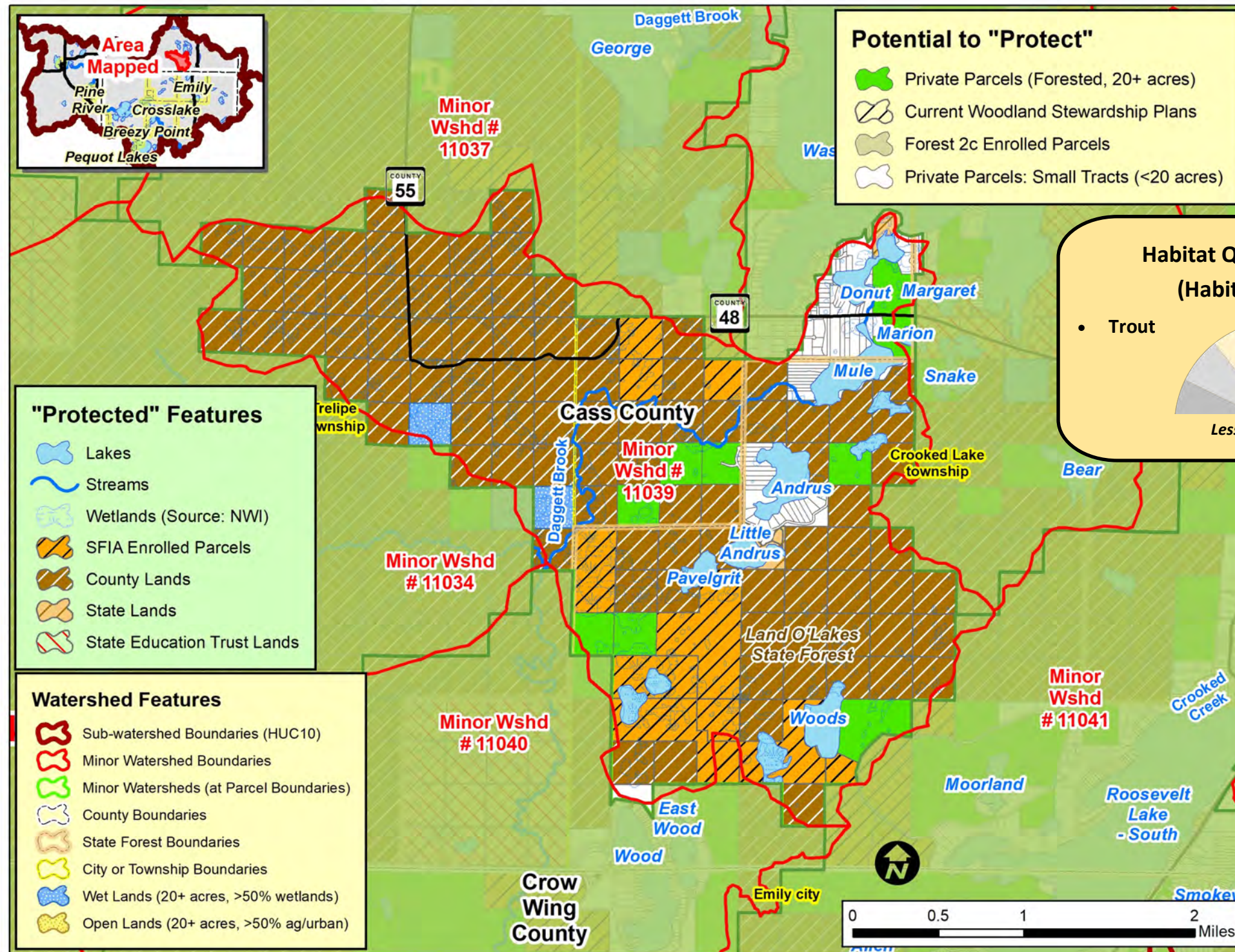
## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance • Factsheets • Poster / Mailers • Workshops • Website / Social Media	Specific Advice & Assistance • Site Visits • Plans • Landscape Stewardship • Forest Stewardship Projects	Grants & Cost-share Projects • Tree Planting • Bud Capping • Timber Stand Improvement (Thinning) • Forest Management • Timber Sales • High Priority Areas • Clean Water/Habitat Fund	Local Land Use • Incentive Programs to Enroll Land • Riparian Buffers • Voluntary Site Level Guidelines • Zoning & Official Controls
			Fee Title Conservation Public Land Acquisition • Donated • Purchased • Federal • State • County

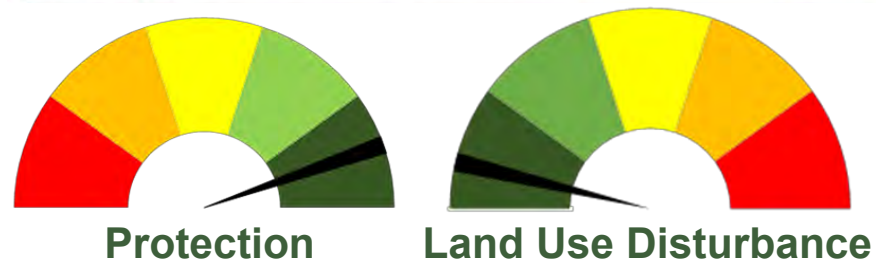
Options  
Lower Costs, Less Permanent      Higher Costs, More Permanent



## What is the Potential to Protect the Daggett Br. (S. of Washburn L.) Minor Wshd (Minor 11039)?



## Implementation Toolbox



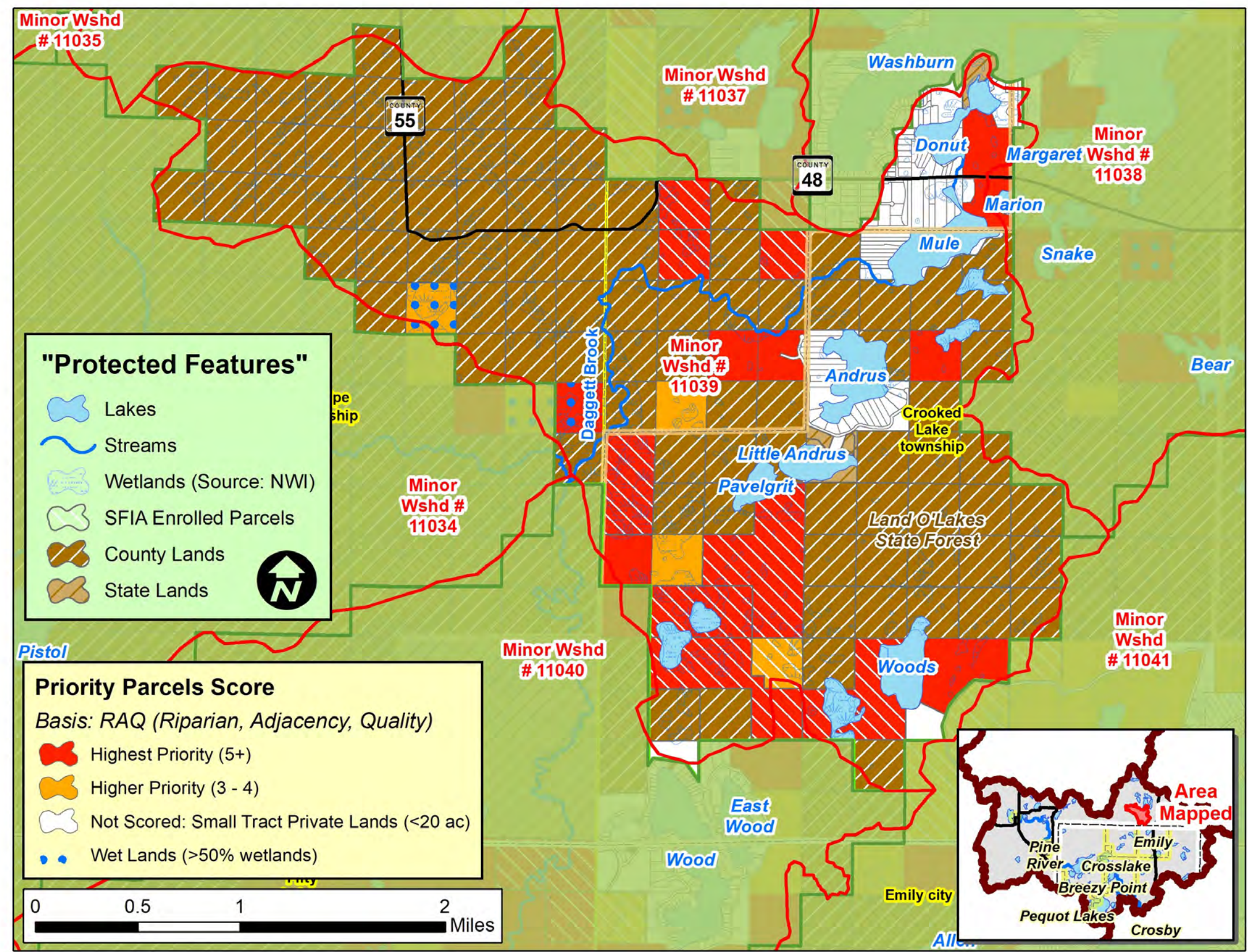
## Water Quality Trends / Impairments:

Improving: None  
Declining: None Impaired: None  
Stable (No Trend): None





# RAQ Scoring for Parcels in the Daggett Br. (S. of Washburn L.) Minor Watershed (Minor #11039)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

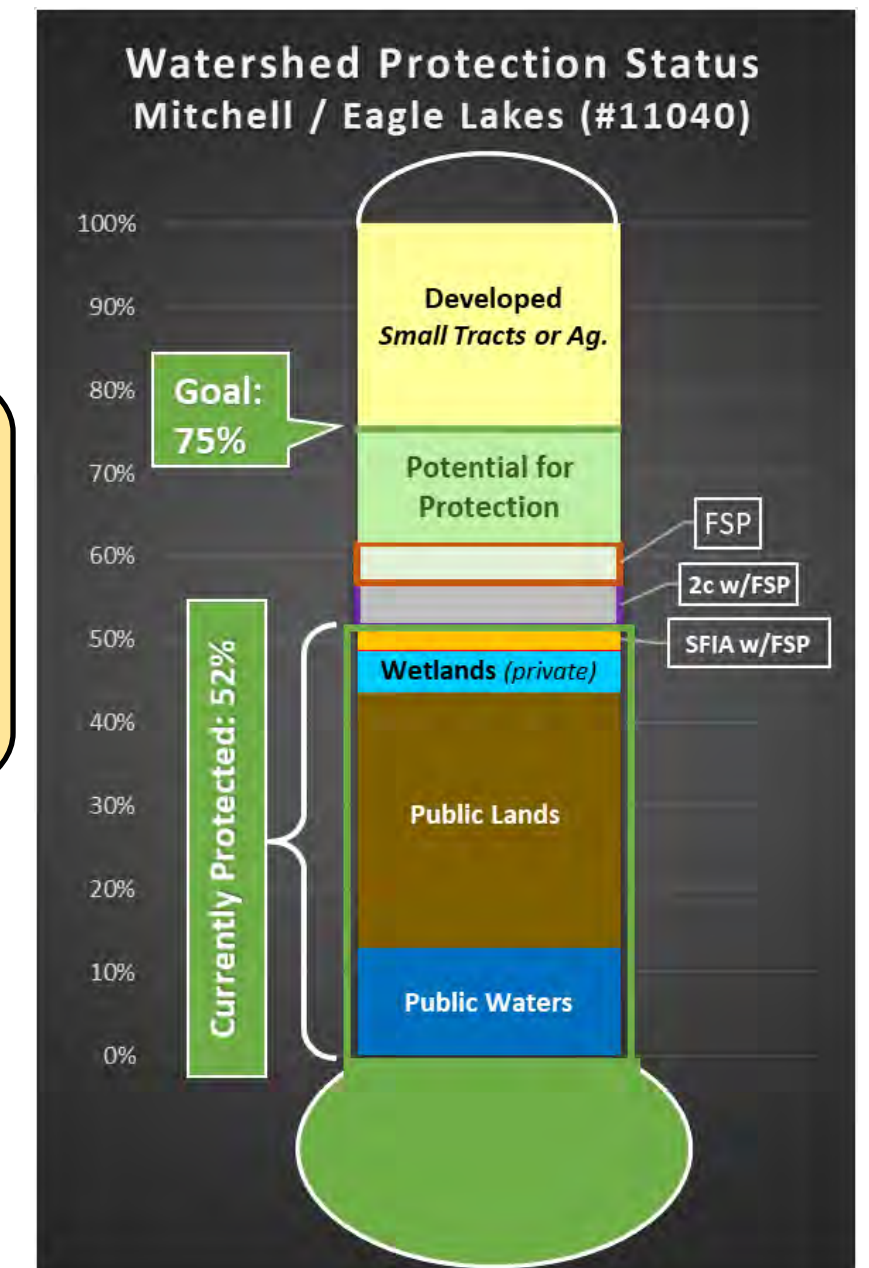
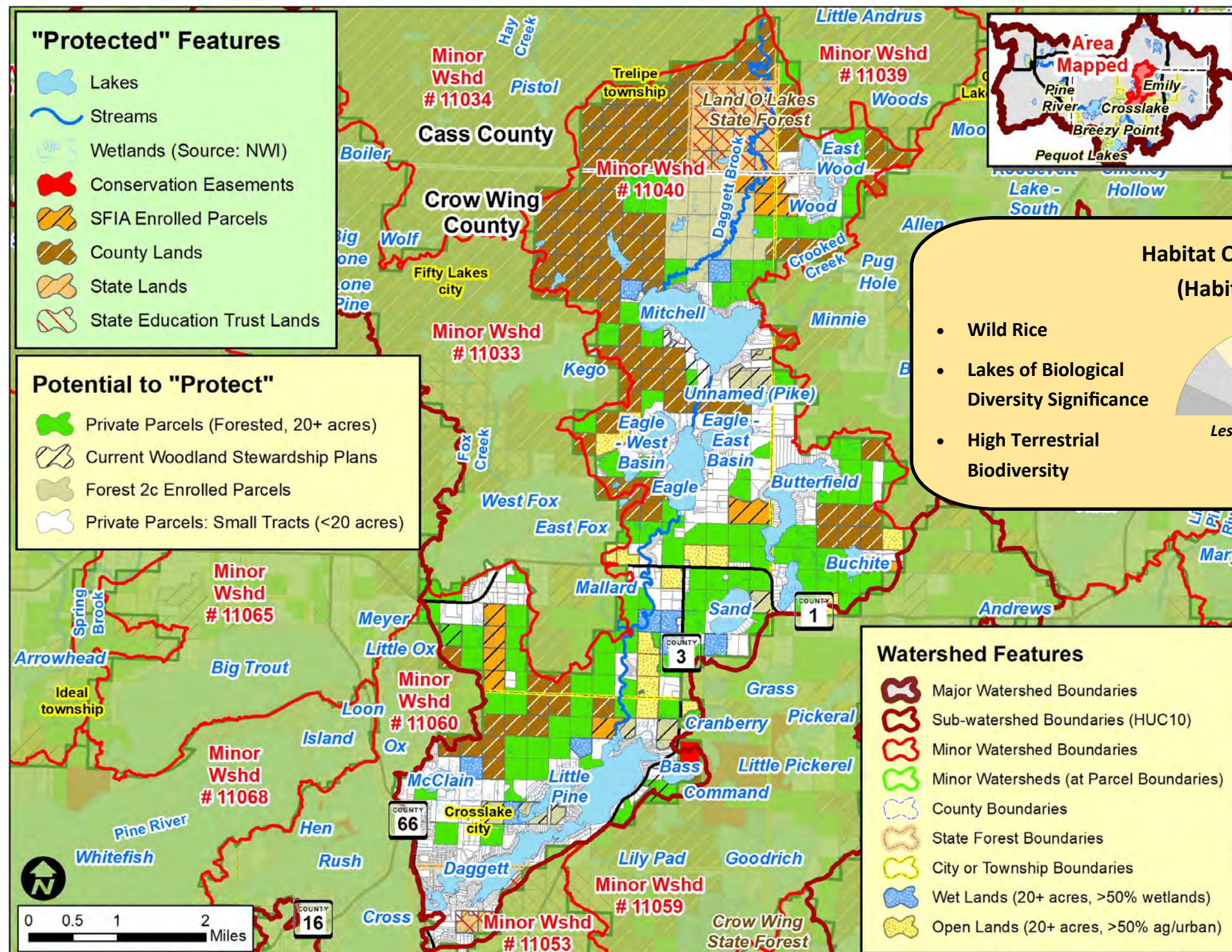
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
<b>General Advice &amp; Assistance</b> <ul style="list-style-type: none"><li>• Factsheets</li><li>• Poster / Mailers</li><li>• Workshops</li><li>• Website / Social Media</li></ul>	<b>Specific Advice &amp; Assistance</b> <ul style="list-style-type: none"><li>• Site Visits</li><li>• Plans</li><li>• Landscape Stewardship</li><li>• Forest Stewardship Projects</li></ul>	<b>Grants &amp; Cost-share Projects</b> <ul style="list-style-type: none"><li>• Tree Planting</li><li>• Bud Capping</li><li>• Timber Stand Improvement (Thinning)</li></ul> <b>Forest Management</b> <ul style="list-style-type: none"><li>• Timber Sales</li><li>• High Priority Areas</li><li>• Clean Water/Habitat Fund</li></ul>	<b>Local Land Use</b> <ul style="list-style-type: none"><li>• Riparian Buffers</li><li>• Voluntary Site Level Guidelines</li><li>• Zoning &amp; Official Controls</li></ul> <b>Incentive Programs to Enroll Land</b> <ul style="list-style-type: none"><li>• SFIA</li><li>• 2C Forest</li><li>• CRP</li></ul> <b>Conservation Easements</b> <ul style="list-style-type: none"><li>• Donated</li><li>• Purchased</li></ul> <b>Fee Title Public Land Acquisition</b> <ul style="list-style-type: none"><li>• Federal</li><li>• State</li><li>• County</li></ul>
Options			
Lower Costs, Less Permanent		Higher Costs, More Permanent	



# What is the Potential to Protect the Mitchell / Eagle Lakes Minor Watershed (Minor 11040)?



## Protection



## Land Use Disturbance

## Water Quality Trends / Impairments:

### Improving: Butterfield, Little Pine, Daggett

**Declining: Eagle L. (E,W), Mitchell L.**

**Impaired: None**

**Stable (No Trend): Wood L., Eagle L. (main)**



## Forests for the Future

**Score: 98** *(out of 175)*

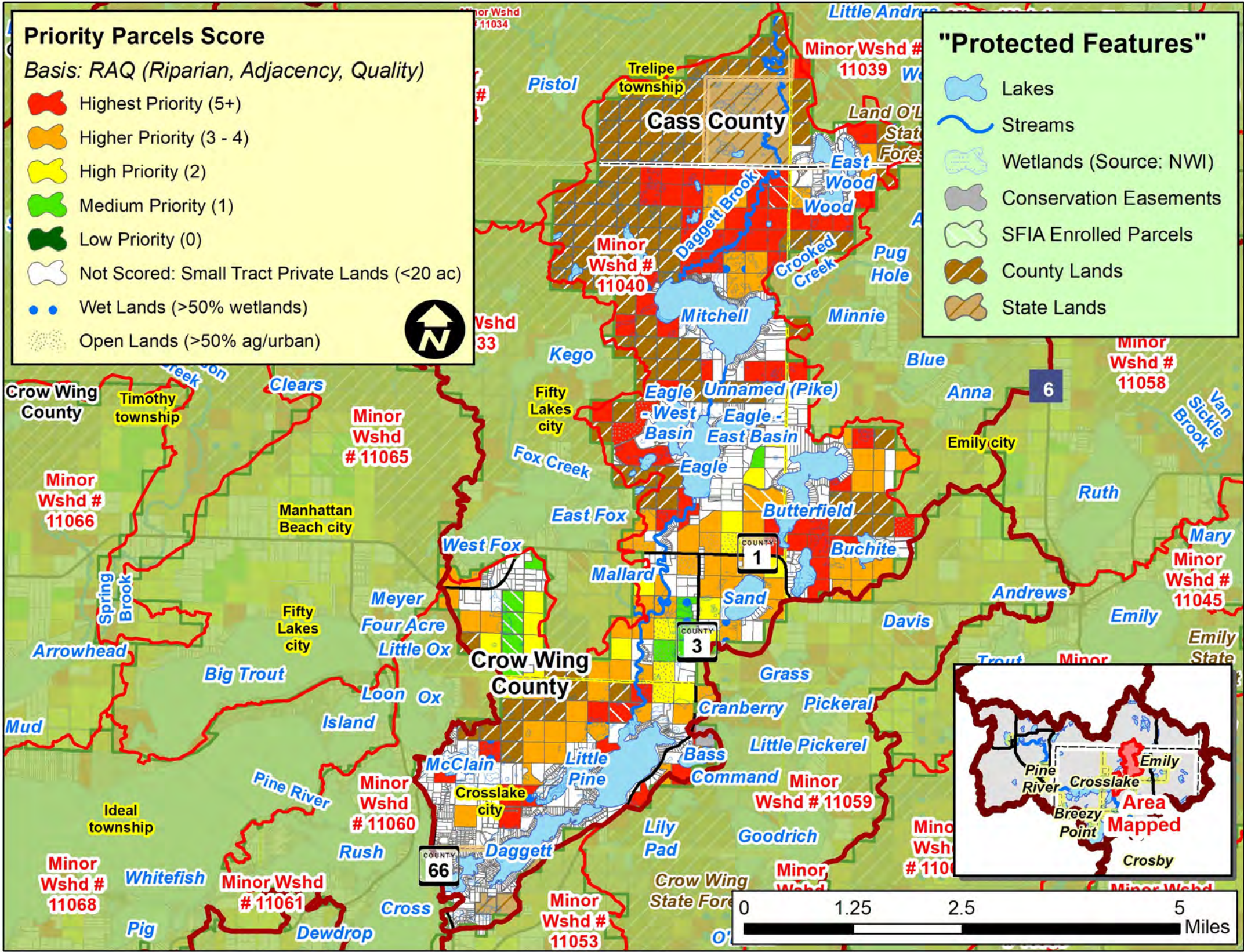
## Implementation Toolbox

Plan It!		Improve It!		Manage It!		Buy It!	
General Advice & Assistance	Specific Advice & Assistance	Grants & Cost-share Projects	Forest Management	Local Land Use	Incentive Programs to Enroll Land	Conservation Easements	Fee Title Public Land Acquisition
<ul style="list-style-type: none"> <li>• Factsheets</li> <li>• Poster / Mailers</li> <li>• Workshops</li> <li>• Website / Social Media</li> </ul>	<ul style="list-style-type: none"> <li>• Site Visits</li> <li>• Plans:               <ul style="list-style-type: none"> <li>- Landscape Stewardship</li> <li>- Forest Stewardship</li> <li>- Projects</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Tree Planting</li> <li>• Bud Capping</li> <li>• Timber Stand Improvement (Thinning)</li> </ul>	<ul style="list-style-type: none"> <li>• Timber Sales</li> <li>• High Priority Areas:               <ul style="list-style-type: none"> <li>Clean Water/ Habitat Fund</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Riparian Buffers</li> <li>• Voluntary Site Level Guidelines</li> <li>• Zoning &amp; Official Controls</li> </ul>	<ul style="list-style-type: none"> <li>• SFIA</li> <li>• 2C Forest CRP</li> </ul>	<ul style="list-style-type: none"> <li>• Donated</li> <li>• Purchased</li> </ul>	<ul style="list-style-type: none"> <li>• Federal</li> <li>• State</li> <li>• County</li> </ul>

Options



# RAQ Scoring for Parcels in the Mitchell / Eagle Lakes Minor Watershed (Minor #11040)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

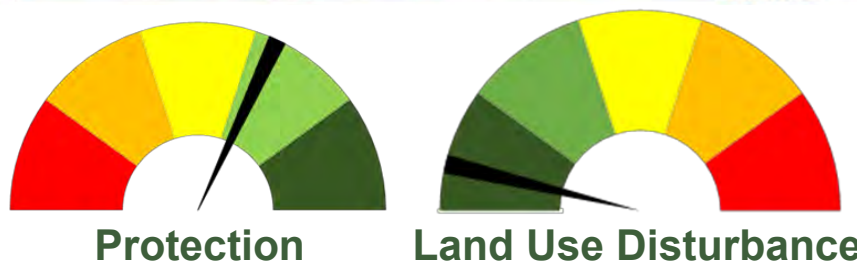
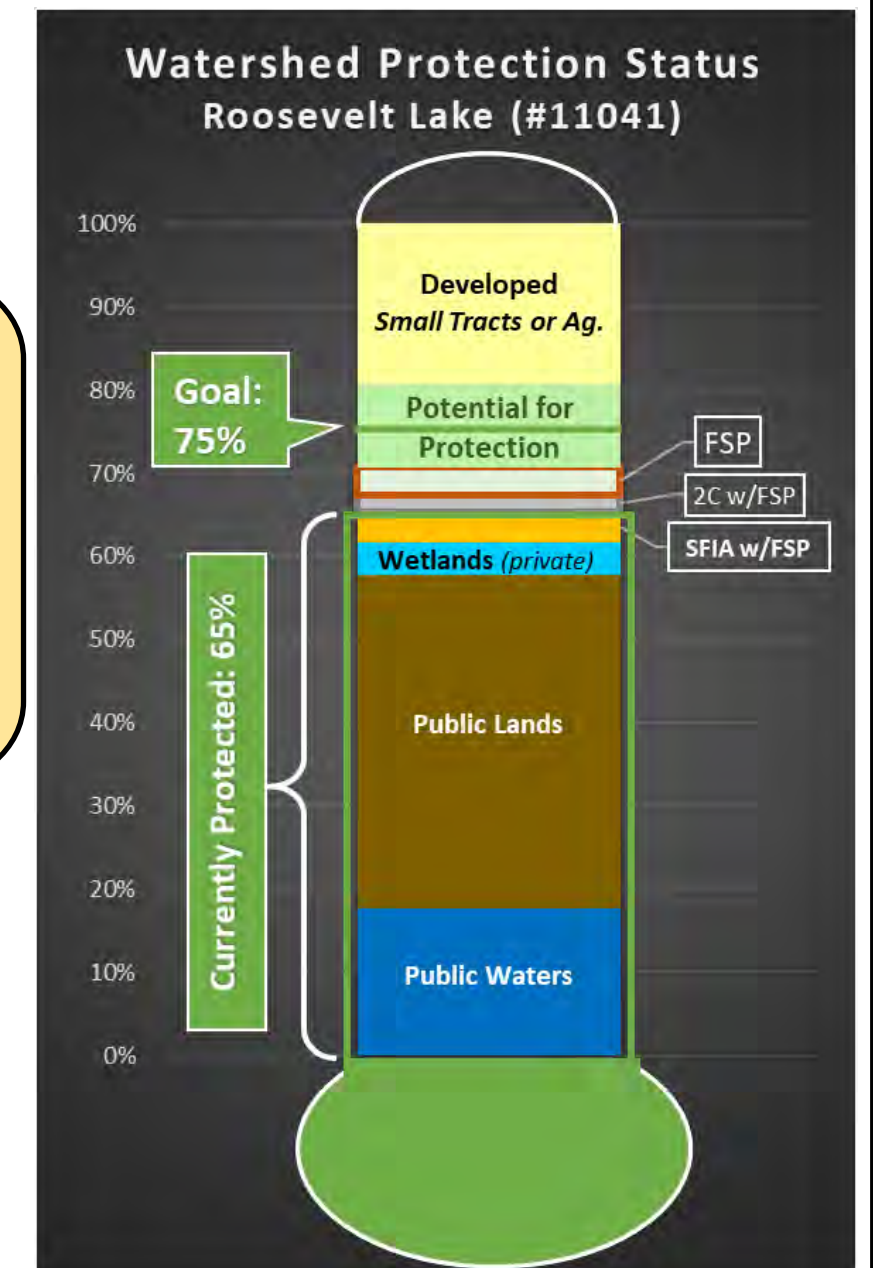
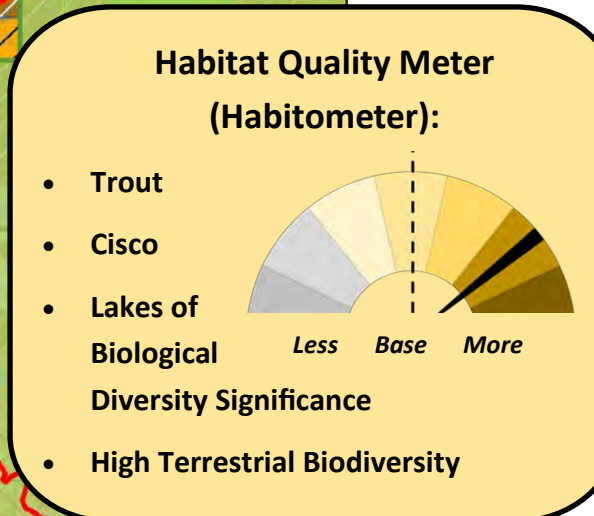
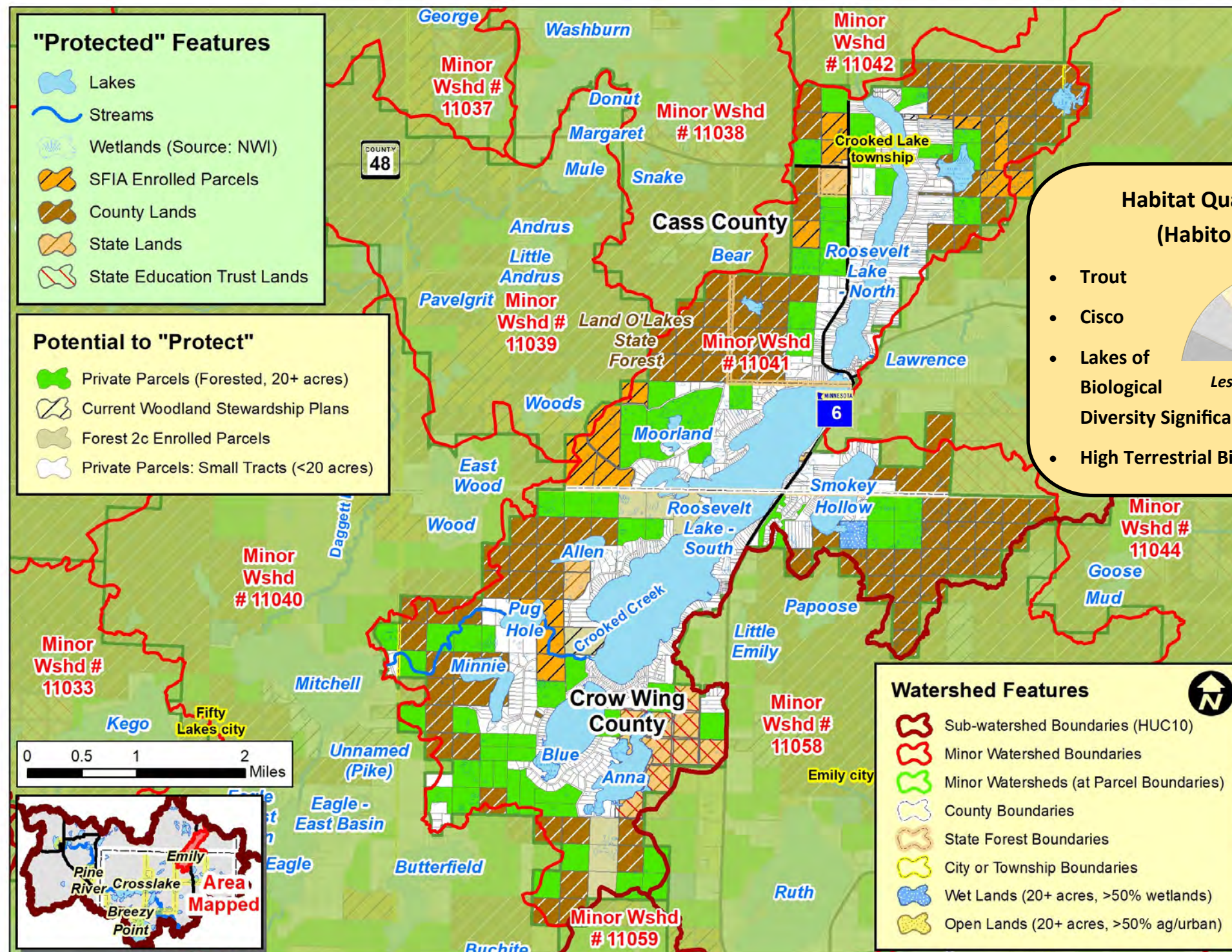
## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance	Specific Advice & Assistance	Grants & Cost-share Projects	Conservation Easements
Factsheets Poster / Mailers Workshops Website / Social Media	Site Visits Plans Landscape Stewardship Forest Stewardship Projects	Forest Management Tree Planting Bud Capping Timber Stand Improvement (Thinning)	Fee Title Acquisition Conservation Easements Donated Purchased Federal State County
• Riparian Buffers • Voluntary Site Level Guidelines • Zoning & Official Controls	• SFIA • 2C Forest • CRP	• Local Land Use • Incentive Programs to Enroll Land	

Options: Lower Costs, Less Permanent → Higher Costs, More Permanent



# What is the Potential to Protect the Roosevelt Lake Minor Watershed (Minor 11041)?



## Water Quality Trends / Impairments:

**Improving:** Roosevelt Lake (S)  
**Declining:** Anna Lake **Impaired:** None  
**Stable (No Trend):** Blue, Smokey Hollow, Roosevelt (N)



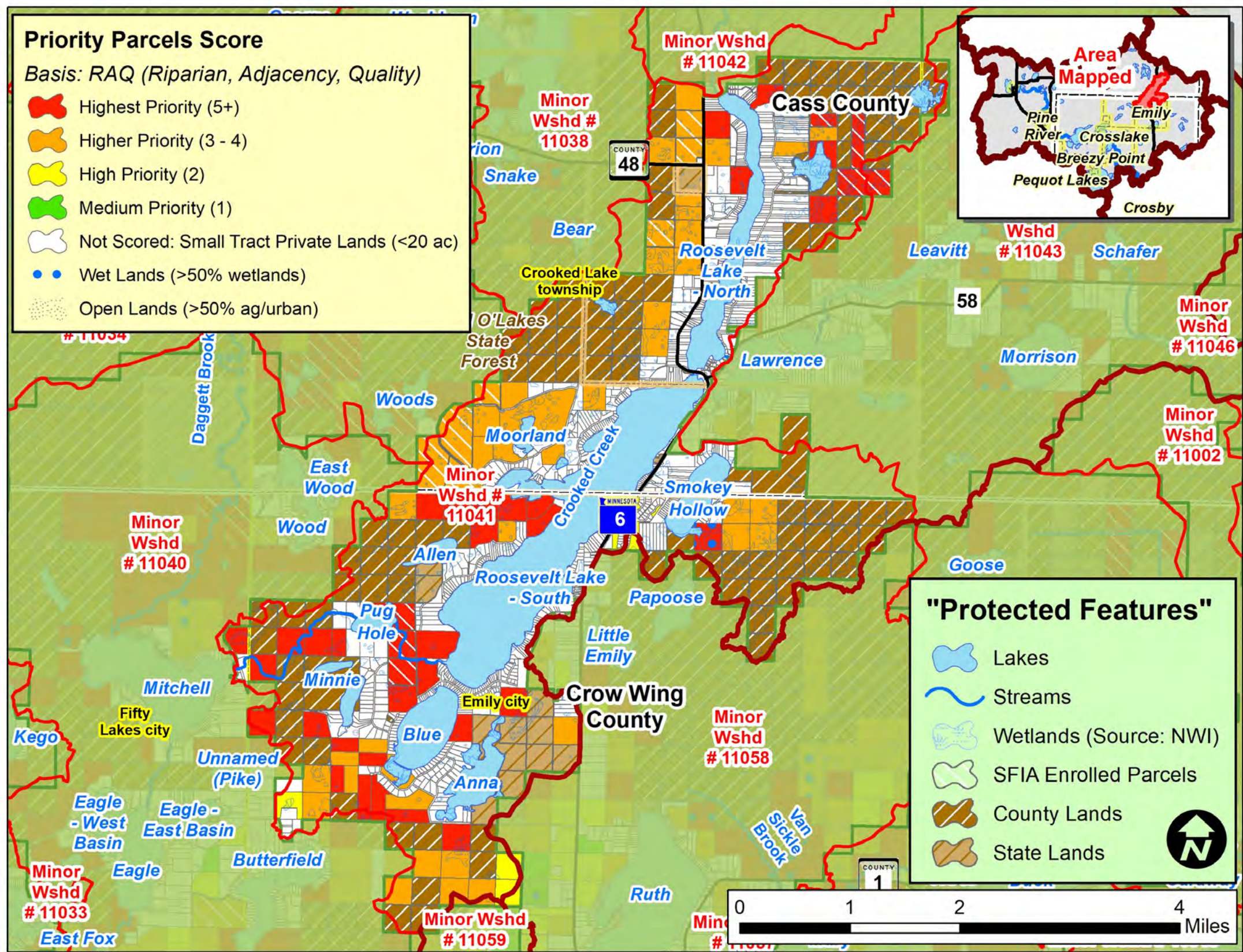
## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
<b>General Advice &amp; Assistance</b> <ul style="list-style-type: none"> <li>Factsheets</li> <li>Poster / Mailers</li> <li>Workshops</li> <li>Website / Social Media</li> </ul>	<b>Specific Advice &amp; Assistance</b> <ul style="list-style-type: none"> <li>Site Visits</li> <li>Plans:               <ul style="list-style-type: none"> <li>Landscaping</li> <li>Forest Stewardship</li> <li>Forest Stewardship Projects</li> </ul> </li> </ul>	<b>Grants &amp; Cost-share Projects</b> <ul style="list-style-type: none"> <li>Tree Planting</li> <li>Bud Capping</li> <li>Timber Stand Improvement (Thinning)</li> </ul> <b>Forest Management</b> <ul style="list-style-type: none"> <li>Timber Sales</li> <li>High Priority Areas: Clean Water/Habitat Fund</li> </ul>	<b>Local Land Use</b> <ul style="list-style-type: none"> <li>Riparian Buffers</li> <li>Voluntary Site Level Guidelines</li> <li>Zoning &amp; Official Controls</li> </ul> <b>Incentive Programs to Enroll Land</b> <ul style="list-style-type: none"> <li>SFIA</li> <li>2C Forest</li> <li>CRP</li> </ul> <b>Conservation Easements</b> <ul style="list-style-type: none"> <li>Donated</li> <li>Purchased</li> </ul> <b>Fee Title Public Land Acquisition</b> <ul style="list-style-type: none"> <li>Federal</li> <li>State</li> <li>County</li> </ul>

Options: Lower Costs, Less Permanent → Higher Costs, More Permanent



# RAQ Scoring for Parcels in the Roosevelt Lake Minor Watershed (Minor #11041)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

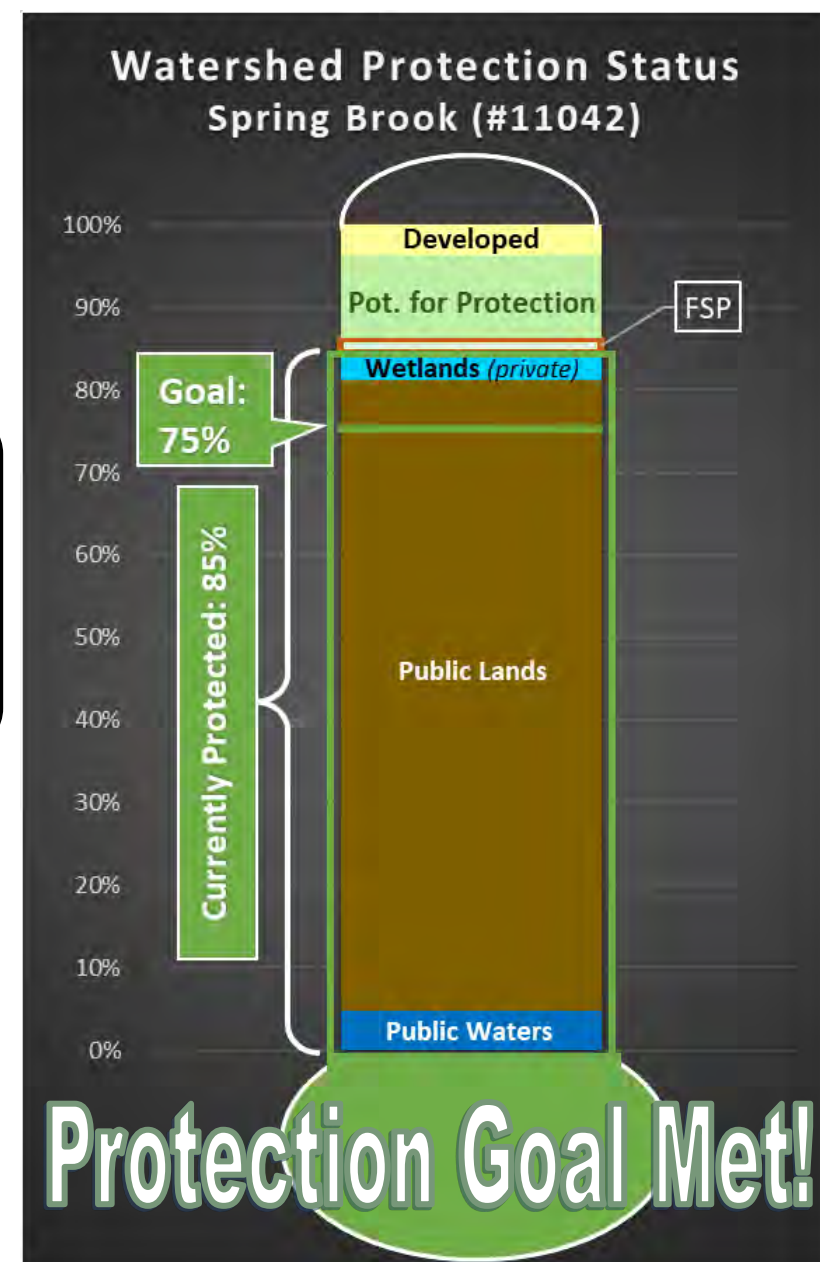
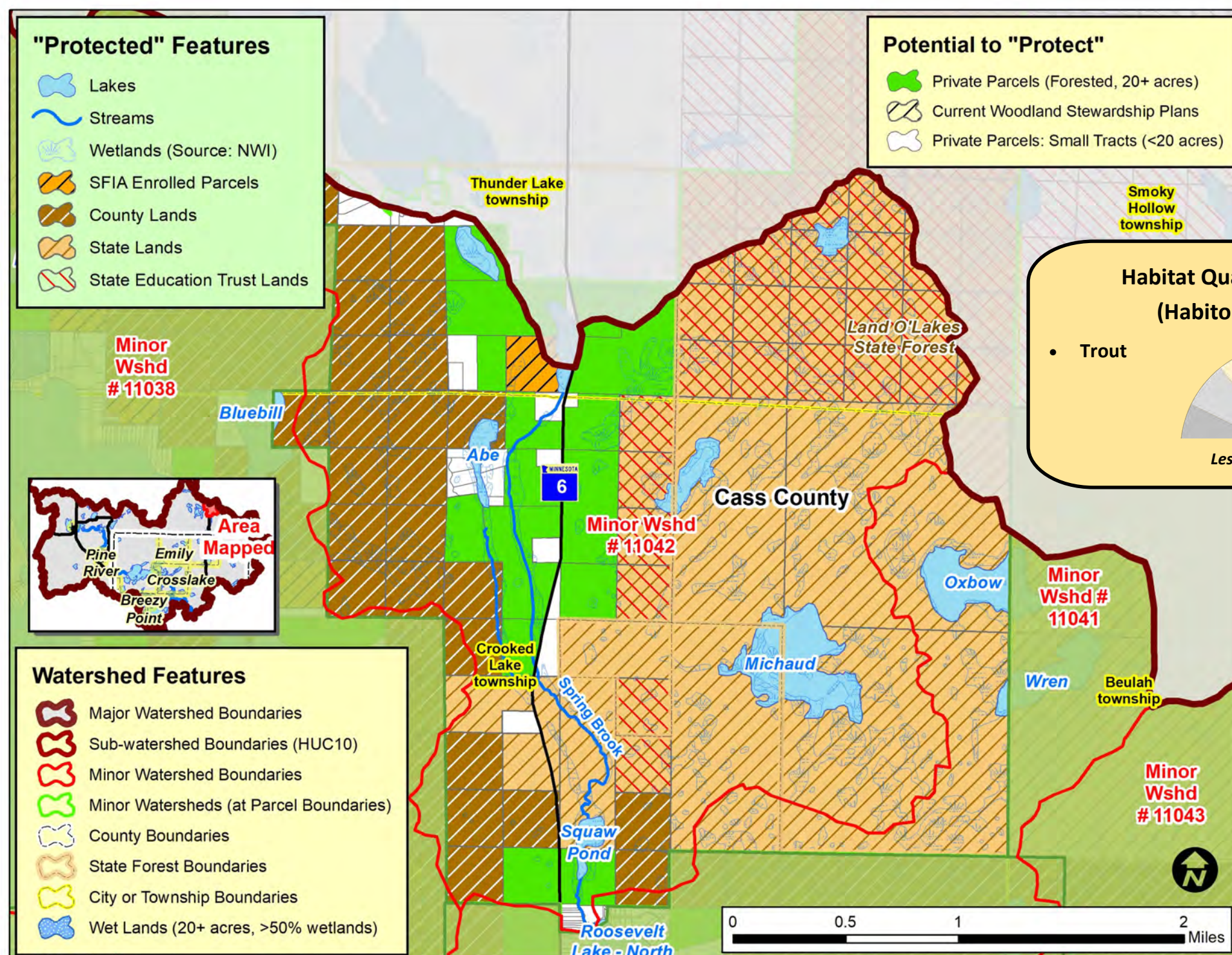
## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance • Factsheets • Poster / Mailers • Workshops • Website / Social Media	Specific Advice & Assistance • Site Visits • Plans • Landscape Stewardship • Forest Stewardship Projects	Grants & Cost-share Projects • Tree Planting • Bud Capping • Timber Stand Improvement (Thinning) • Forest Stewardship Projects	Local Land Use • Incentive Programs to Enroll Land • Riparian Buffers • Voluntary Site Level Guidelines • Zoning & Official Controls
• Donated • Purchased	• SFIA • 2C Forest • CRP	• Timber Sales • High Priority Areas • Clean Water/Habitat Fund	• Fee Title Public Land Acquisition • Federal • State • County

Options: Lower Costs, Less Permanent → Higher Costs, More Permanent



# What is the Potential to Protect the Spring Brook Minor Watershed (Minor 11042)?



## Water Quality Trends / Impairments:

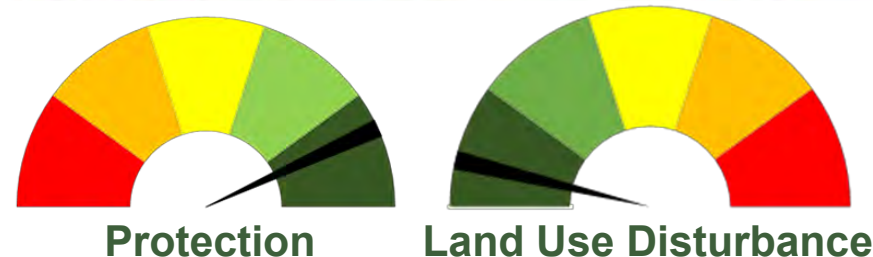
**Improving:** None  
**Declining:** None  
**Impaired:** None  
**Stable (No Trend):** None



## Implementation Toolbox

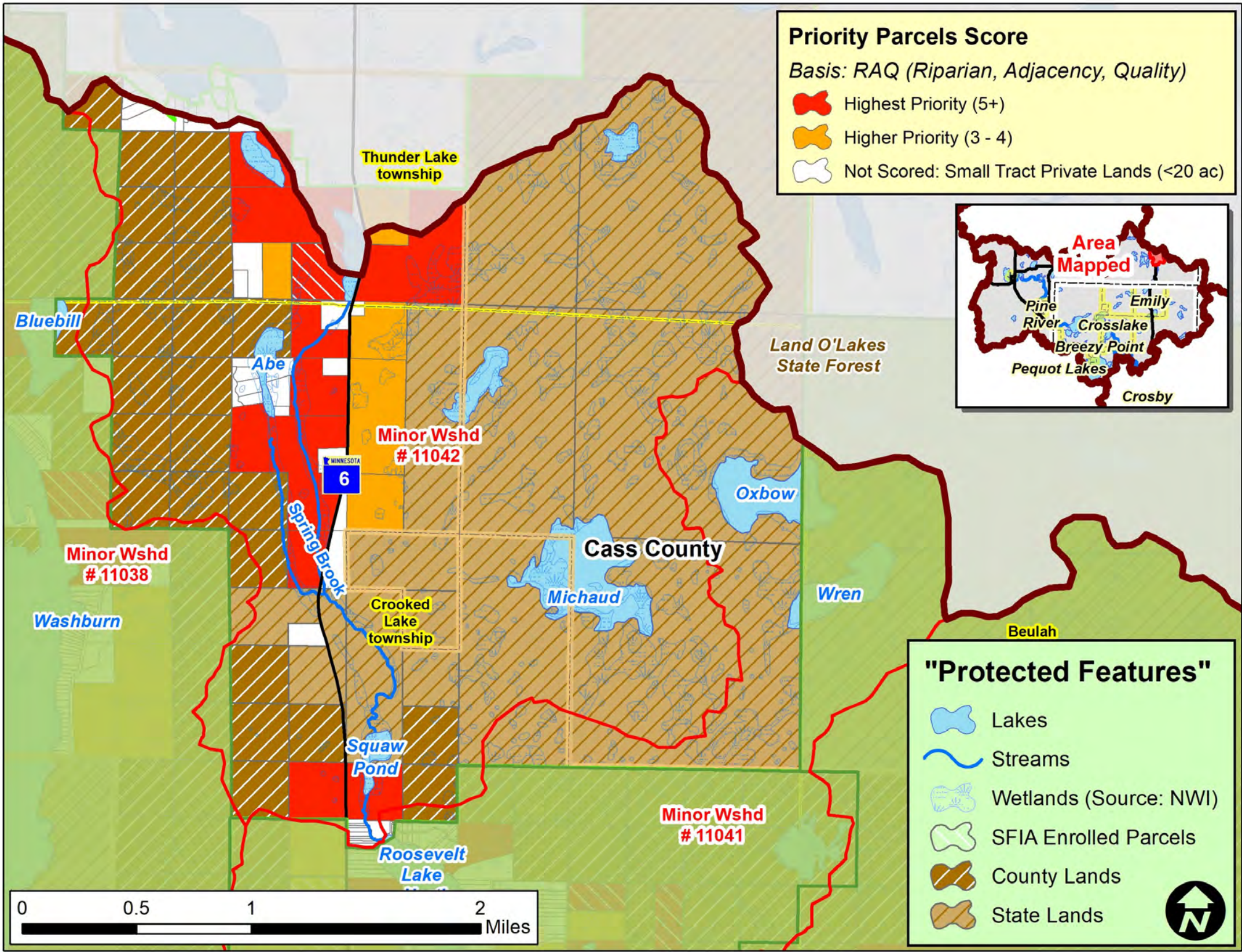
Plan It!	Improve It!	Manage It!	Buy It!
<b>General Advice &amp; Assistance</b> <ul style="list-style-type: none"> <li>Factsheets</li> <li>Poster / Mailers</li> <li>Workshops</li> <li>Website / Social Media</li> </ul>	<b>Specific Advice &amp; Assistance</b> <ul style="list-style-type: none"> <li>Site Visits</li> <li>Plans: <ul style="list-style-type: none"> <li>Landscaping</li> <li>Forest Stewardship</li> <li>Forest Stewardship Projects</li> </ul> </li> </ul>	<b>Grants &amp; Cost-share Projects</b> <ul style="list-style-type: none"> <li>Tree Planting</li> <li>Bud Capping</li> <li>Timber Stand Improvement (Thinning)</li> </ul> <b>Forest Management</b> <ul style="list-style-type: none"> <li>Timber Sales</li> <li>High Priority Areas: Clean Water/Habitat Fund</li> </ul>	<b>Local Land Use</b> <ul style="list-style-type: none"> <li>Riparian Buffers</li> <li>Voluntary Site Level Guidelines</li> <li>Zoning &amp; Official Controls</li> </ul> <b>Incentive Programs to Enroll Land</b> <ul style="list-style-type: none"> <li>SFIA</li> <li>2C Forest</li> <li>CRP</li> </ul>
			<b>Conservation Easements</b> <ul style="list-style-type: none"> <li>Donated</li> <li>Purchased</li> </ul> <b>Fee Title Public Land Acquisition</b> <ul style="list-style-type: none"> <li>Federal</li> <li>State</li> <li>County</li> </ul>

Lower Costs, Less Permanent      Options      Higher Costs, More Permanent





# RAQ Scoring for Parcels in the Spring Brook Minor Watershed (Minor #11042)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

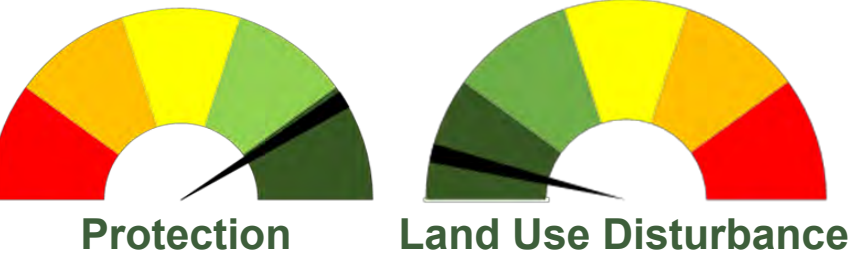
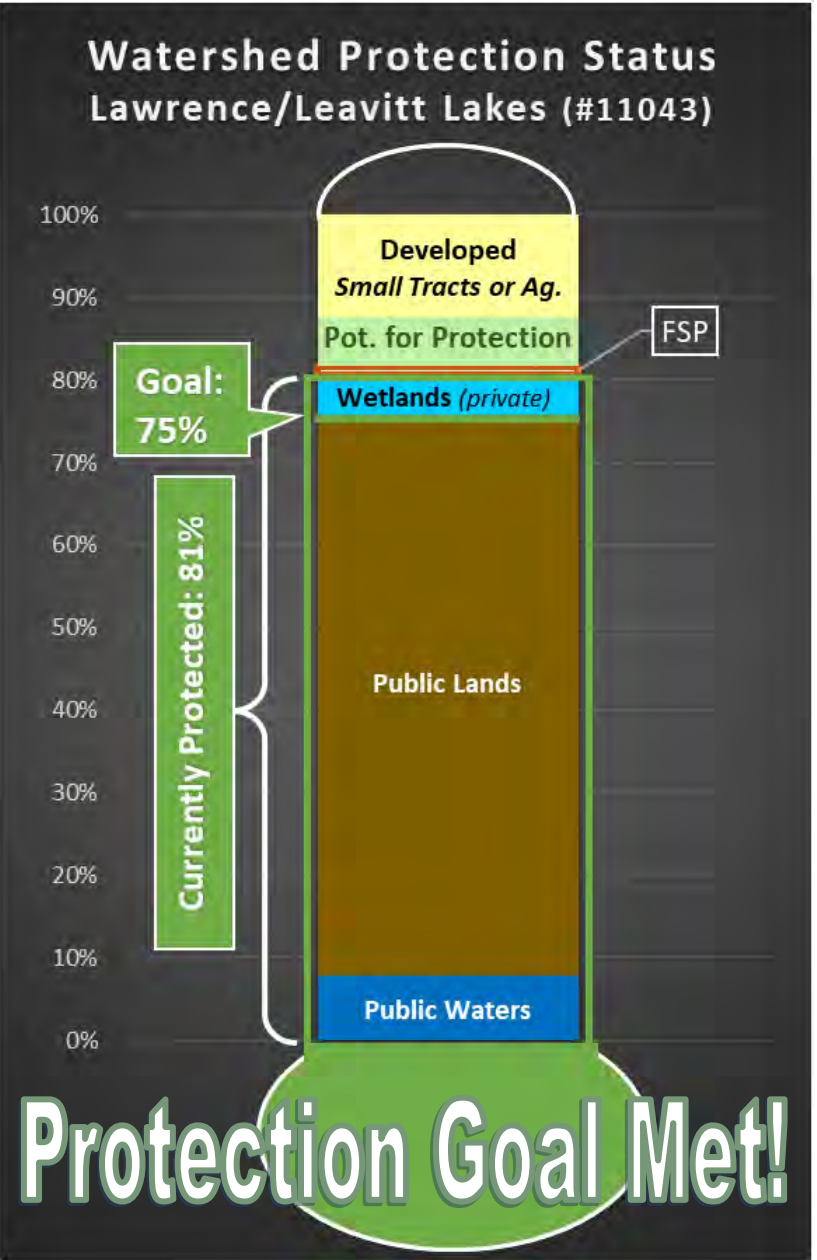
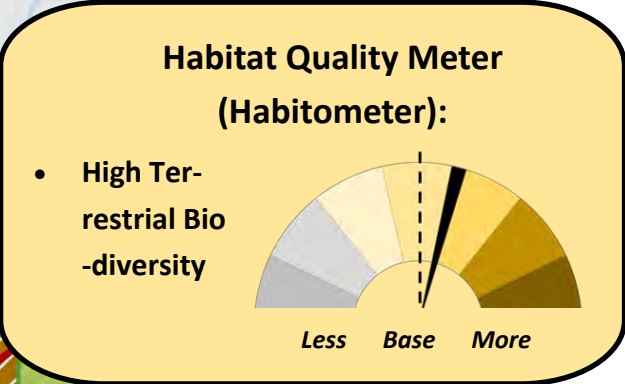
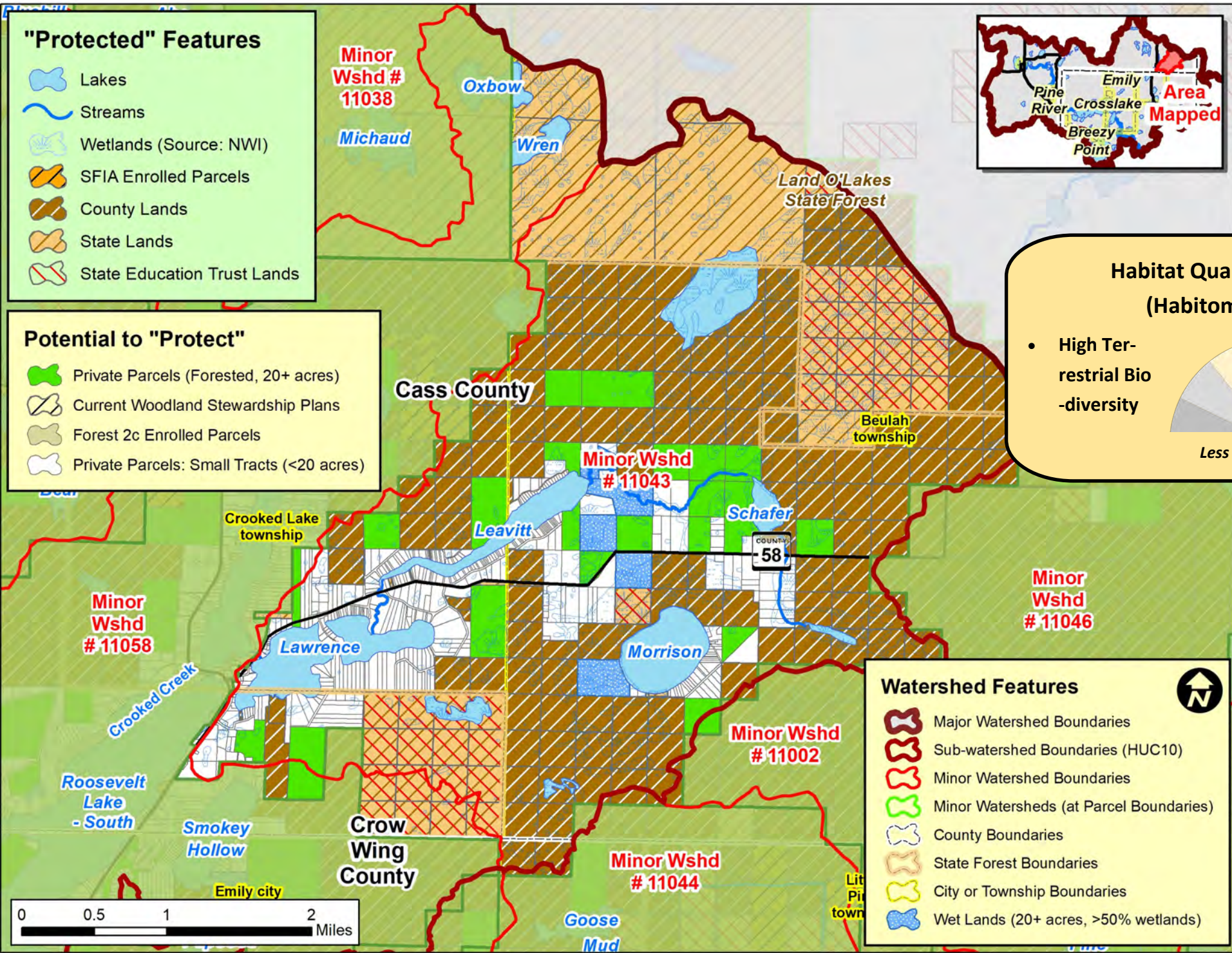
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
<b>General Advice &amp; Assistance</b> <ul style="list-style-type: none"><li>Factsheets</li><li>Poster / Mailers</li><li>Workshops</li><li>Website / Social Media</li></ul>	<b>Specific Advice &amp; Assistance</b> <ul style="list-style-type: none"><li>Site Visits</li><li>Plans: Landscape Stewardship - Forest Stewardship - Projects</li></ul>	<b>Grants &amp; Cost-share Projects</b> <ul style="list-style-type: none"><li>Tree Planting</li><li>Bud Capping</li><li>Timber Stand Improvement (Thinning)</li></ul> <b>Forest Management</b> <ul style="list-style-type: none"><li>Timber Sales</li><li>High Priority Areas</li><li>Clean Water/Habitat Fund</li></ul>	<b>Local Land Use</b> <ul style="list-style-type: none"><li>Riparian Buffers</li><li>Voluntary Site Level Guidelines</li><li>Zoning &amp; Official Controls</li></ul> <b>Incentive Programs to Enroll Land</b> <ul style="list-style-type: none"><li>SFIA</li><li>2C Forest</li><li>CRP</li></ul> <b>Conservation Easements</b> <ul style="list-style-type: none"><li>Donated</li><li>Purchased</li></ul> <b>Fee Title Public Land Acquisition</b> <ul style="list-style-type: none"><li>Federal</li><li>State</li><li>County</li></ul>
Options			
Lower Costs, Less Permanent		Higher Costs, More Permanent	



# What is the Potential to Protect the Lawrence/Leavitt Lakes Minor Watershed (Minor 11043)?



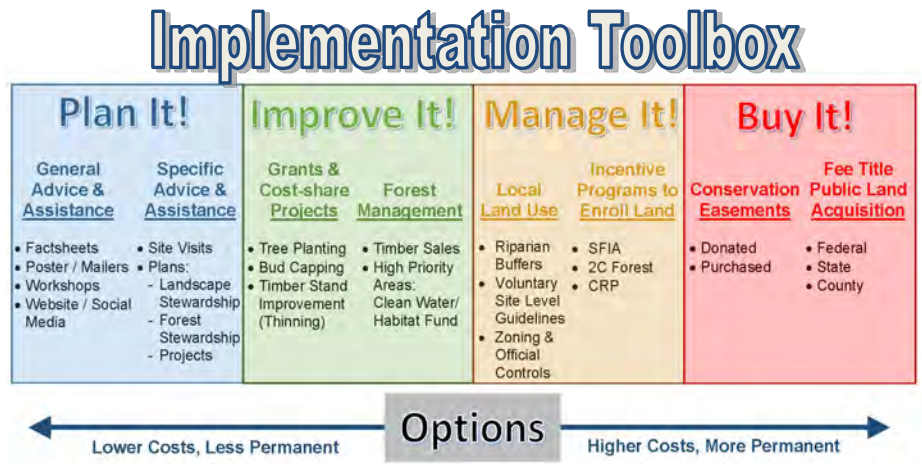
**Water Quality Trends / Impairments:**

Improving: None

Declining: Leavitt Lake

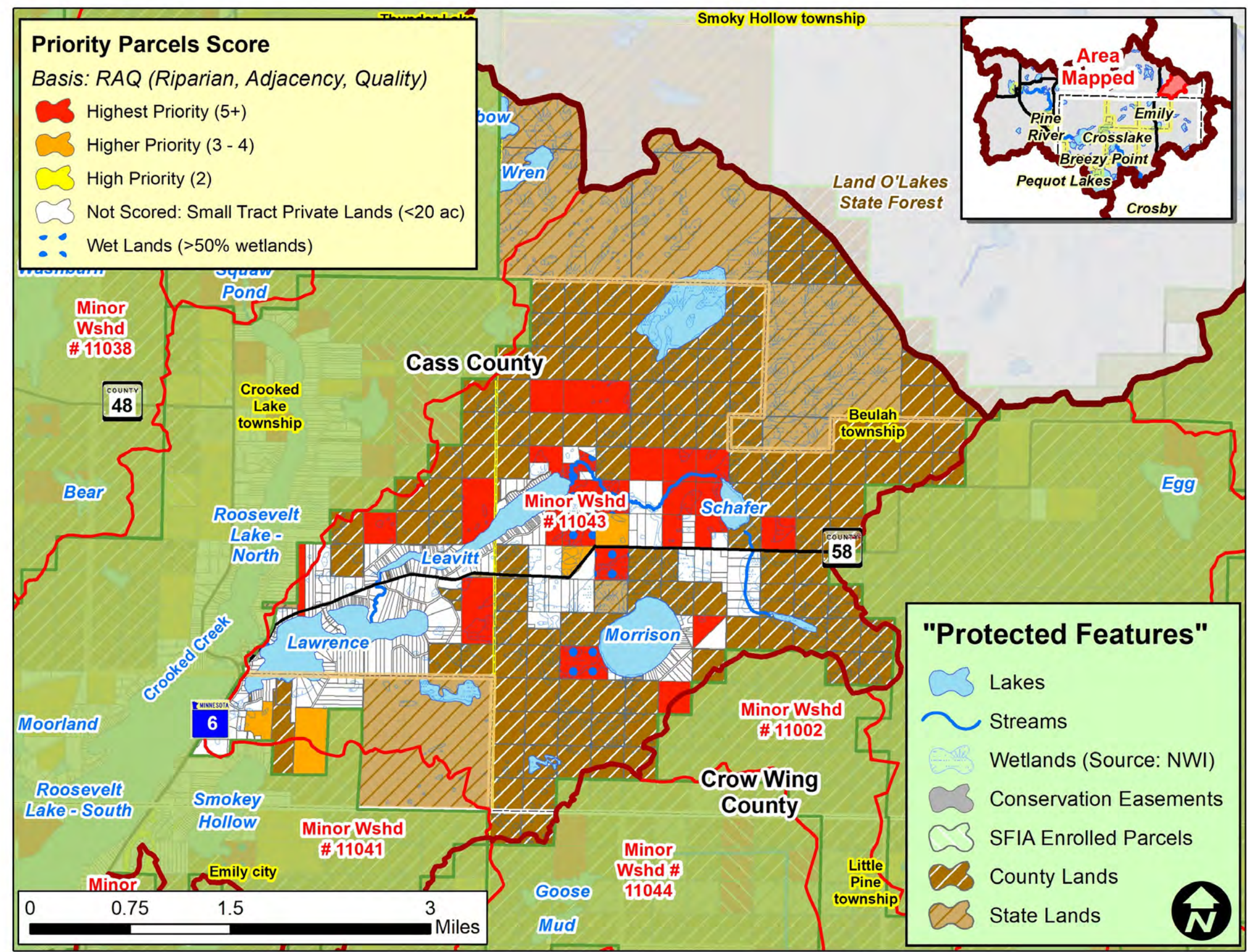
Impaired: None

Stable (No Trend): Lawrence Lake





# RAQ Scoring for Parcels in the Lawrence / Leavitt Lakes Minor Watershed (Minor #11043)



Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel touches: such as High or Outstanding Biodiversity (upl. or aqu.), Wild Rice L, Cisco L, Trout L/Streams, etc.
	2	
	1	

\* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

## Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
<b>General Advice &amp; Assistance</b> <ul style="list-style-type: none"><li>Factsheets</li><li>Poster / Mailers</li><li>Workshops</li><li>Website / Social Media</li></ul>	<b>Specific Advice &amp; Assistance</b> <ul style="list-style-type: none"><li>Site Visits</li><li>Plans: Landscape Stewardship, Forest Stewardship Projects</li></ul>	<b>Grants &amp; Cost-share Projects</b> <ul style="list-style-type: none"><li>Tree Planting</li><li>Bud Capping</li><li>Timber Stand Improvement (Thinning)</li></ul> <b>Forest Management</b> <ul style="list-style-type: none"><li>Timber Sales</li><li>High Priority Areas</li><li>Clean Water/Habitat Fund</li></ul>	<b>Local Land Use</b> <ul style="list-style-type: none"><li>Riparian Buffers</li><li>Voluntary Site Level Guidelines</li><li>Zoning &amp; Official Controls</li></ul> <b>Incentive Programs to Enroll Land</b> <ul style="list-style-type: none"><li>SFIA</li><li>2C Forest</li><li>CRP</li></ul> <b>Conservation Easements</b> <ul style="list-style-type: none"><li>Donated</li><li>Purchased</li></ul> <b>Fee Title Public Land Acquisition</b> <ul style="list-style-type: none"><li>Federal</li><li>State</li><li>County</li></ul>
Options: Lower Costs, Less Permanent → Higher Costs, More Permanent			