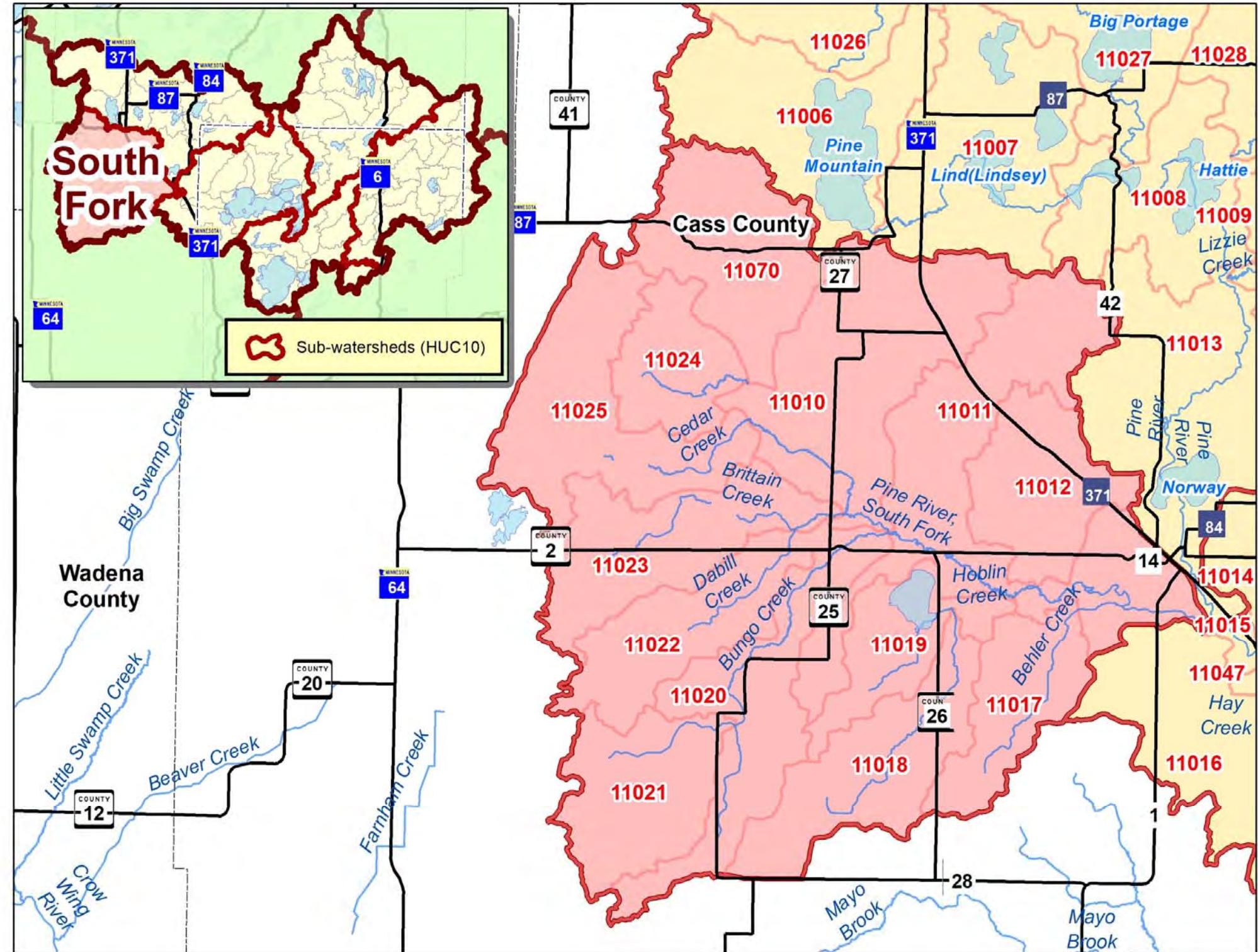


South Fork Sub-watershed

Minor Watershed #	Minor Watershed Name
11010	Pine River South Fork (West)
11011	Pine River South Fork (East)
11012	Tamarack / Clam Lakes
11017	Behler Creek
11018	Wilson Creek
11019	Hoblin Creek
11020	Bungo Creek
11021	Tributary to Bungo Creek
11022	Dabill Creek
11023	Brittan Creek
11024	South Fork Headwaters
11025	Cedar Creek
11070	Scribner Lake



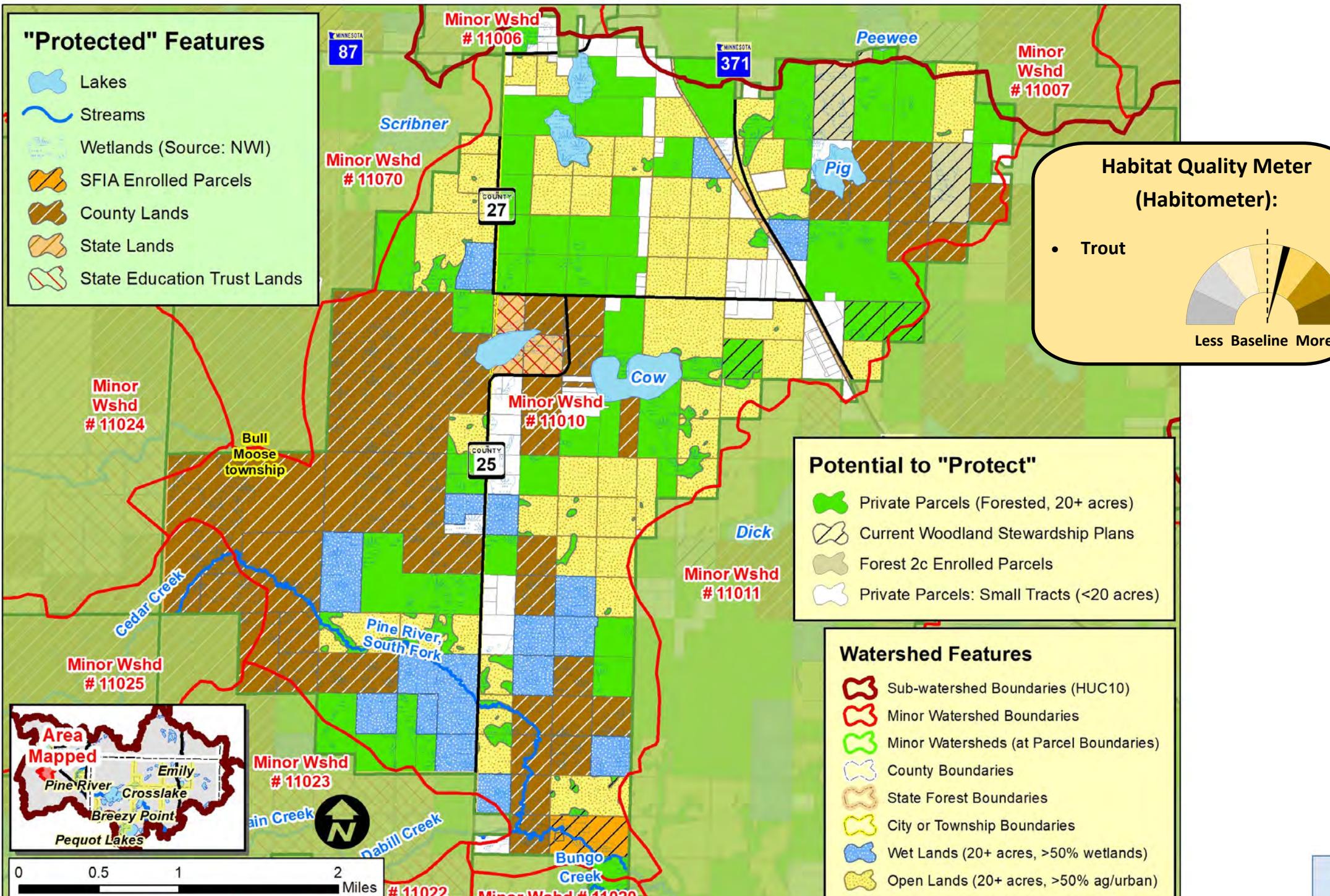
Basics			Risk / Disturbed					Outstanding Surface Water Resources	Protection					Forests / Biodiversity / Potential Native Plant Community System							
Minor #	Acres	Sq Miles	Risk Factors	Lake Phosphorus Sensitivity	Average % Slope	% Altered Water-courses	% Land Disturbance		DNR Lake Protection Classification*	% Protected	Land Value / Ac (20+ ac parcels)	Acres Needed for 75%	Potential to Protect (ac)	% Forest Cover	% Forest Stewardship Plans	FFF Composite Mean Score	Terrestrial Biodiversity	% Fire Dependent (FD)	% Mesic Hardwood (MH)	% Wet Meadow (WM)	% Other Systems
11010	8,988	14			6.4%	7.8%	36%	Trout	Protection / Full Restoration	45%	\$1,120	2675	1999	24%	5%	92.8	Moderate	56%	10%	15%	16%
11011	11,191	17	Impaired, Feedlots (1)	Higher	8.0%	25.8%	38%		Protection / Full Restoration	36%	\$1,510	4391	2608	24%	7%	86.0	Moderate-High	64%	8%	11%	15%
11012	4,386	7			6.4%	18.2%	31%		Protection	32%	\$1,139	1907	895	21%	2%	89.6	Moderate-High	65%	6%	6%	20%
11017	3,783	6	Feedlots (1)		7.8%	46.1%	68%	Lakes of Biodiversity Significance	Protection / Full Restoration	47%	\$2,148	1042	263	19%	10%	80.1	Moderate	38%	21%	13%	28%
11018	5,422	8	Impaired, Feedlots (1)		8.1%	32.0%	62%	Trout	Full Restoration	31%	\$1,849	2367	1031	36%	13%	82.7	Moderate	47%	27%	11%	14%
11019	3,206	5	Impaired		7.1%	76.4%	46%	Trout	Full Restoration	48%	\$1,403	868	409	21%	1%	81.3	Moderate	44%	17%	13%	26%
11020	6,001	9	Feedlots (4)		7.3%	13.0%	50%	Lakes of Biodiversity Significance, Trout	Protection / Full Restoration	32%	\$1,984	2574	1162	25%	8%	84.3	Moderate-High	55%	19%	9%	17%
11021	4,778	7			12.9%	6.6%	40%	Lakes of Biodiversity Significance, Trout	Protection	71%	\$665	200	788	43%	0%	93.4	Moderate-High	31%	38%	11%	15%
11022	4,648	7			9.7%	0.0%	24%	Trout	Protection / Vigilance	84%	\$436	Goal Met	347	43%	4%	87.1	Moderate-High	38%	29%	9%	20%
11023	5,589	9			12.3%	4.6%	22%	Trout, Wild Rice	Protection	73%	\$598	105	966	48%	4%	94.2	Moderate-High	41%	30%	16%	12%
11024	3145	5			13.0%	0.0%	11%	Trout	Protection / Vigilance	100%	\$0	Goal Met	0	60%	0%	97	Moderate-High	17%	51%	12%	19%
11025	7034	11			14.6%	0.0%	17%	Lakes of Biodiversity Significance, Trout, Wild Rice	Protection / Vigilance	85%	\$903	Goal Met	919	53%	5%	95	Moderate-High	23%	46%	12%	10%
11070	5902	9			14.2%	13.4%	16%	Trout	Protection / Vigilance	88%	\$354	Goal Met	396	60%	2%	101.9	Moderate	18%	54%	10%	13%

Sub-watershed (HUC10): South Fork

Geomorphology: Till Plain (South), Outwash (North), Moraine (West)
Primary Land Cover: Mixed Conifer-Hardwood Forest, Hay/ Pasture
Primary Land Uses: Agriculture, Hunting/Recreation, Forestry
Lake or Stream Based: Stream
Quality: High Quality Hardwood Forests on Moraine
Risks: Grazing
Management Mode(s): Active-grazing / Opportunism (Public Land Mgmt)
Acres Needed for Goal: 8,540
Cost to Achieve Goal: \$8,847,795 *Cost /minor watershed = \$680,600*

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 Goal	Potential To Protect (ac)	Cost	Protection Framework (DNR)		Mgmt Mode	Forest Type: FD or MH	Forests	Lakes	Streams/ Source-water	Ground-water	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 Trend, Impaired)	Other Risk (Noted Below):	Forest Stewardship Plans, Advice	Grants and Cost-share Projects: Watershed	Grants and Cost-share Projects: Near-shore	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
11010	Pine River South Fork (West)	8,988	Stream	60%	45%	1327	1999	\$1,225,660	Protection	Full Restoration	Active: Grazing Priority	FD			X	X	X	?		3	X		X			X	X	X	Buf		X	X				
11011	Pine River South Fork (East)	11,191	Stream	60%	36%	2712	2608	\$2,822,303	Protection	Full Restoration	Active	FD			X	X	?	?	High Bio-diversity	2.8	X		X		X	X	X	X	X	X	X	X				
11012	Tamarack / Clam Lakes	4,386	Lake	60%	32%	1249	895	\$1,160,945	Protection		Active	FD		X		X	?	?	High Bio-diversity	3.35	X	X	X			X	X	X	X	X	X	X				
11017	Behler Creek	3,783	Stream	60%	47%	475	263	\$585,293	Protection	Full Restoration	Active: Grazing	FD		X	X		?	?	High Bio-diversity	2.6	X		X		X	X	X	Ch		X	X					
11018	Wilson Creek	5,422	Stream	50%	31%	1011	1031	\$1,154,876	Full Restoration		Active: Grazing	FD/MH			X		X	?	?	2.95	X		X		X	X	X	Ch		X	X					
11019	Hoblin Creek	3,206	Lake / Stream	60%	48%	387	409	\$390,296	Full Restoration		Active: Grazing	FD			X		X	?	?	3.3	X		X		X	X	X	Ch	X	X	X					
11020	Bungo Creek	6,001	Stream	50%	32%	1074	1162	\$1,270,404	Protection	Full Restoration	Active: Grazing Priority	FD		X	X	X	X	?	High Bio-diversity	3.3	X		X		X	X	X	Buf, Ch		X	X					
11021	Tributary to Bungo Creek	4,778	Stream	75%	71%	200	788	\$157,331	Protection		Active	FD/MH	X	X	X		X	?	High Bio-diversity	4.5	X		X			X	X			X	X	X				
11022	Dabill Creek	4,648	Stream	75%	84%	Goal Met	347	\$0	Protection	Vigilance	Opportunism	FD/MH	X		X	X	X	?	High Bio-diversity	4.9							X			X						
11023	Brittan Creek	5,589	Stream	75%	73%	105	966	\$80,688	Protection		Active	FD/MH		X	X	X	X	X	High Bio-diversity	3.85	X				X	X			X	X	X					
11024	South Fork Headwaters	3145	Stream	75%	100%	Goal Met	0	\$0	Protection	Vigilance	Opportunism	MH			X			X	?	High Bio-diversity	N/A							X			X					
11025	Cedar Creek	7034	Lake / Stream	75%	85%	Goal Met	919	\$0	Protection	Vigilance	Opportunism	MH	X	X	X		X	X	High Bio-diversity	5.6							X			X						
11070	Scribner Lake	5902	Lake	75%	88%	Goal Met	396	\$0	Protection	Vigilance	Opportunism	MH	X	X			X	?	?	4.55							X			X						

What is the Potential to Protect the Pine River South Fork Minor Watershed (Minor #11010)?



Water Quality Trends:

Improving: None

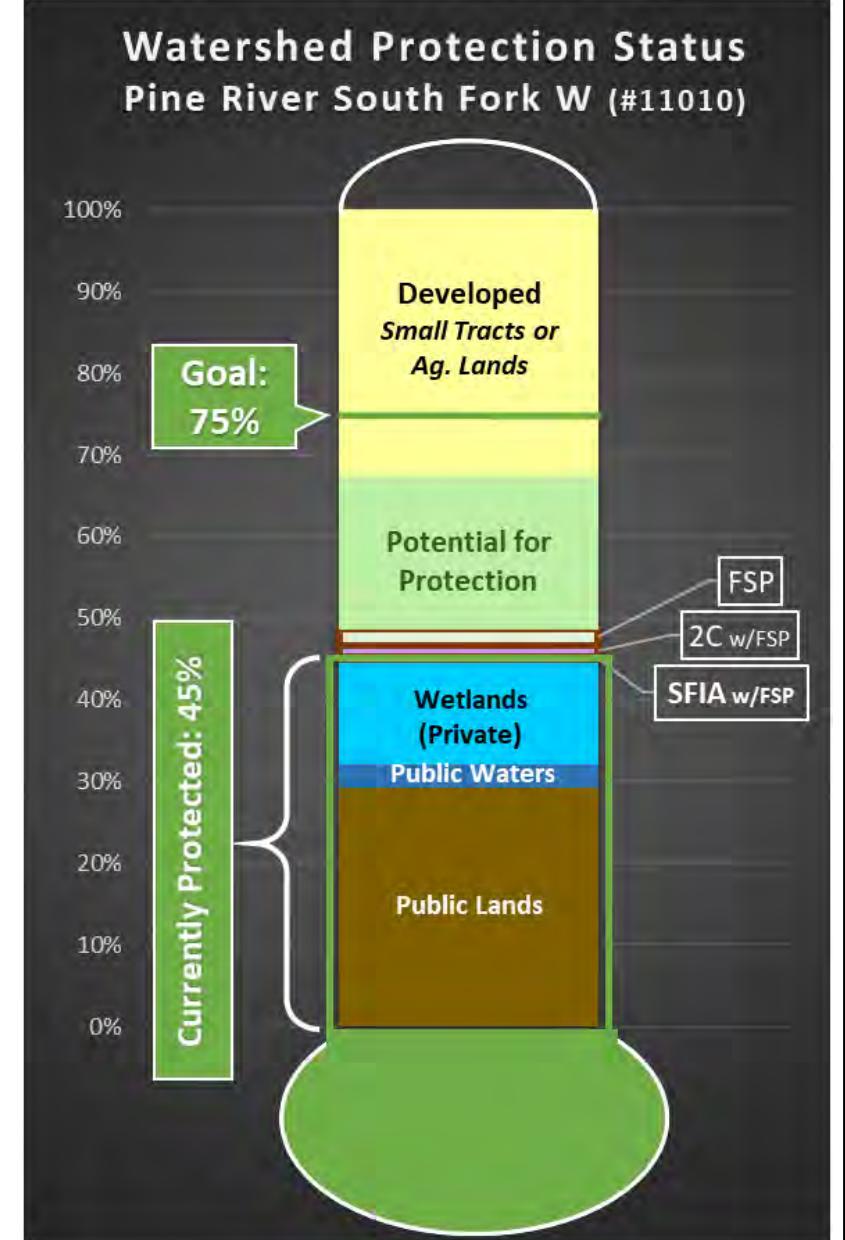
Declining/Impaired: None

Stable / No Trend: None



Watershed Protection Status

Pine River South Fork W (#11010)



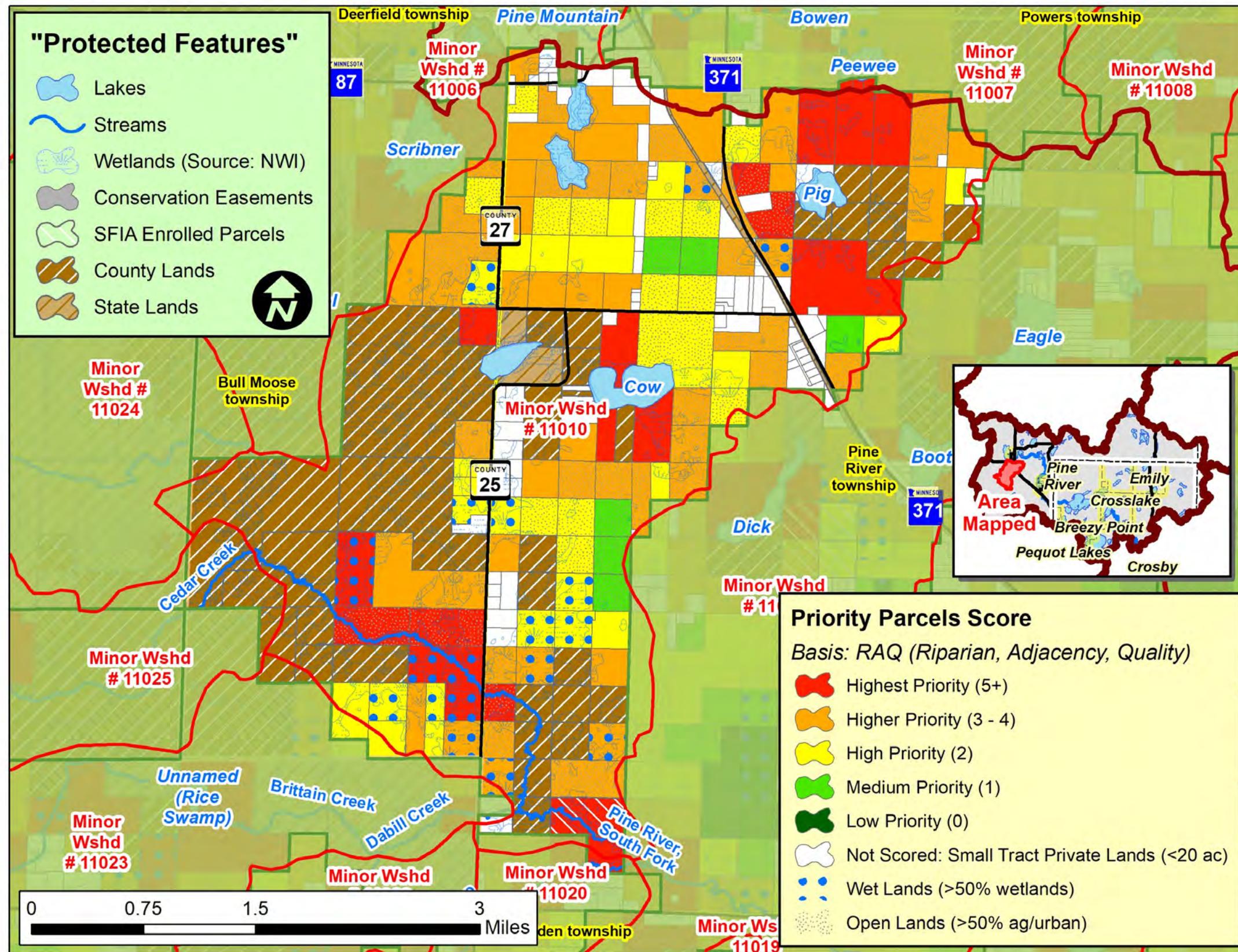
Implementation Toolbox

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

Options

Lower Costs, Less Permanent Higher Costs, More Permanent

RAQ Scoring for Parcels in the Pine River S. Fork Minor Watershed (Minor #11010)



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:

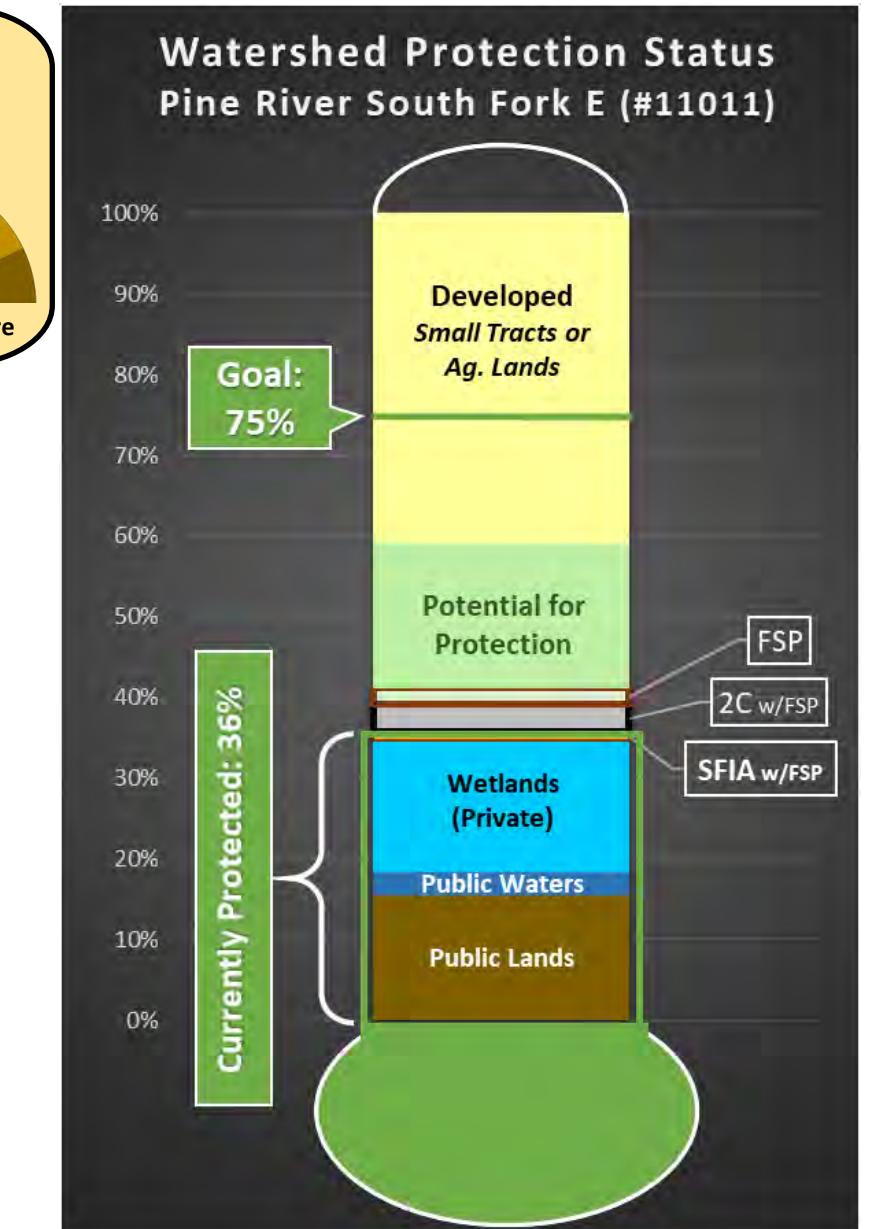
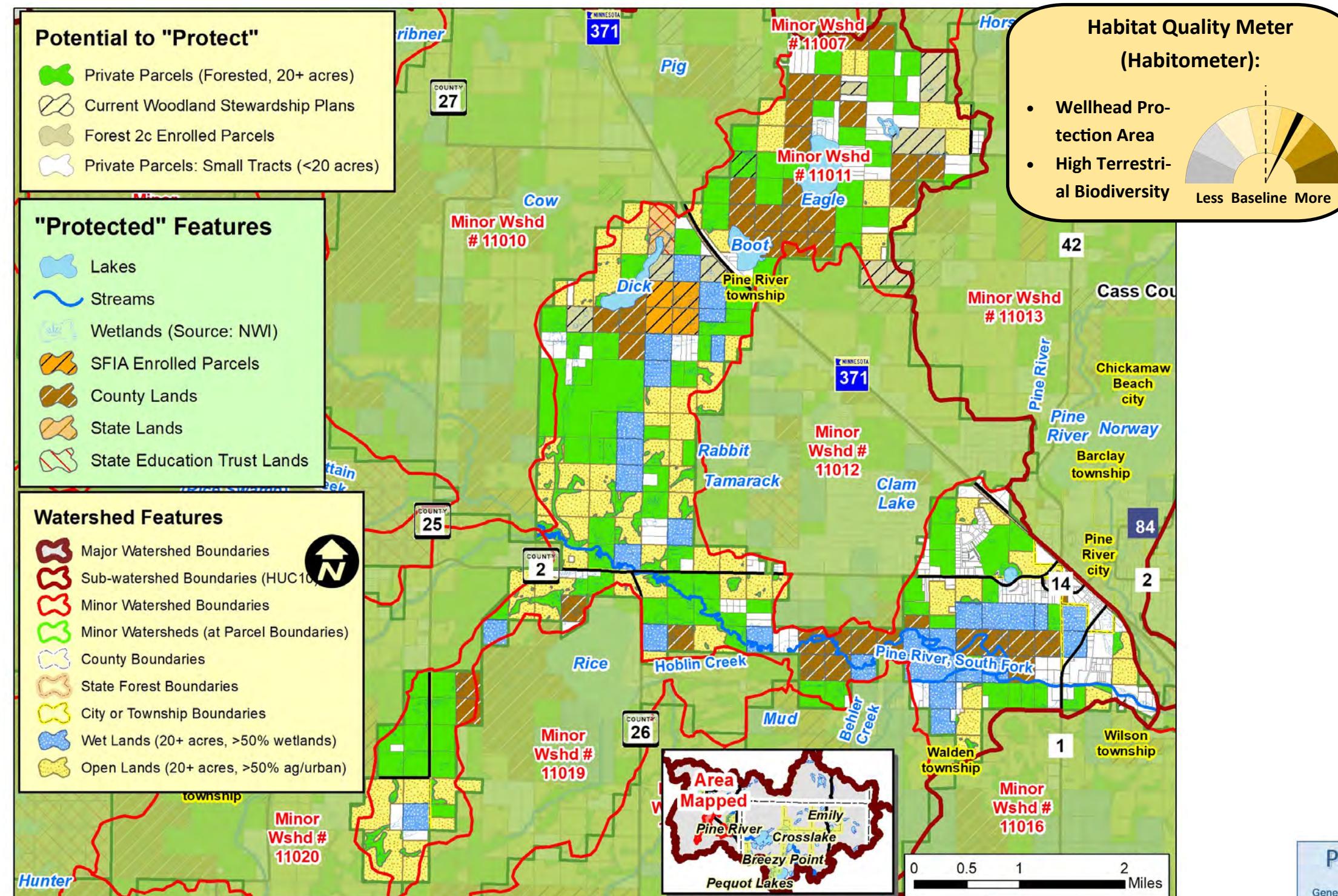
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

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 - Timber Stand - Forest - Stewardship - Projects	Grants & Cost-share Projects Forest Management • Tree Planting • Bud Capping • Timber Sales • High Priority Areas • Forest - Habitat Fund	Incentive Programs to Enroll Land Local Land Use • Riparian Buffers • 2C Forest • CRP • Voluntary - Site Level Guidelines • Zoning & Official Controls
• General Advice & Assistance	• Specific Advice & Assistance	• Grants & Cost-share Projects	Fee Title Conservation Easements • Donated • Purchased

Lower Costs, Less Permanent Options Higher Costs, More Permanent

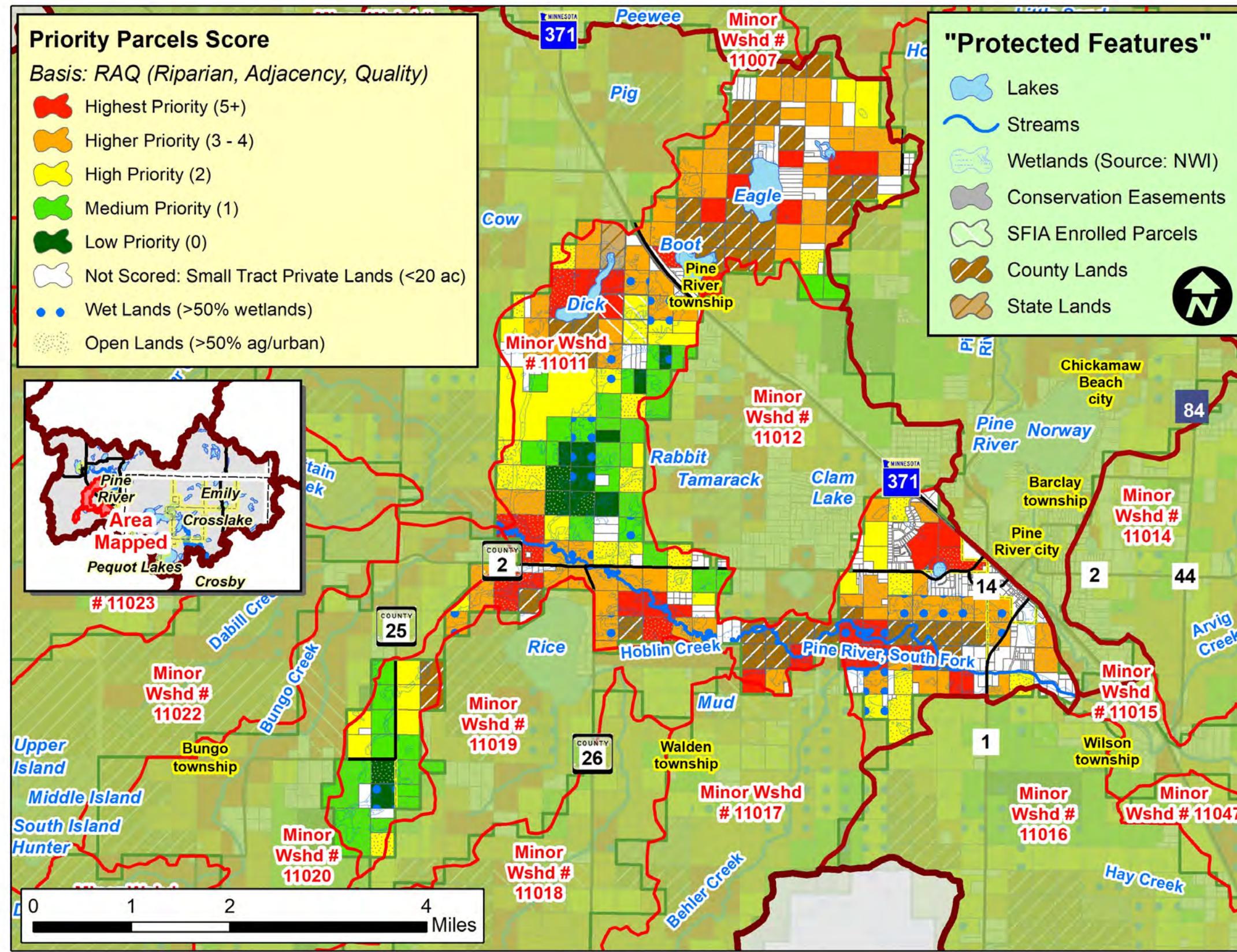
What is the Potential to Protect the Pine River South Fork Watershed (Minor #11011) ?



Implementation Toolbox

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

RAQ Scoring for Parcels in the Pine River S. Fork Minor Watershed (Minor #11011)

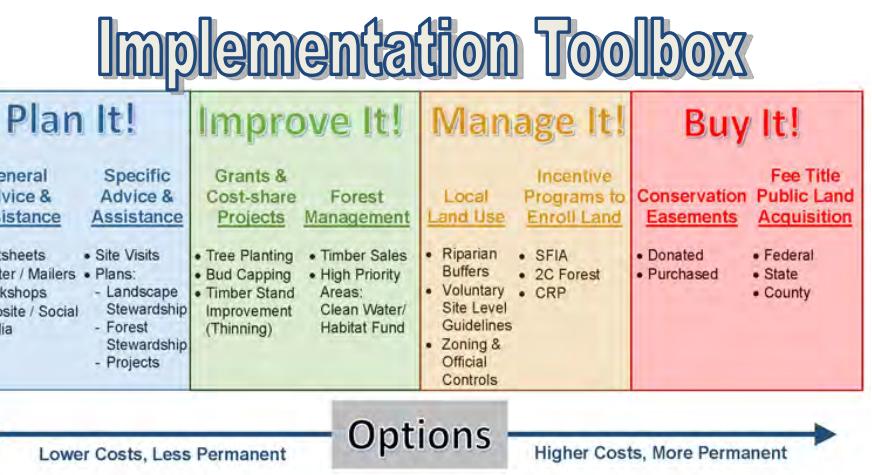
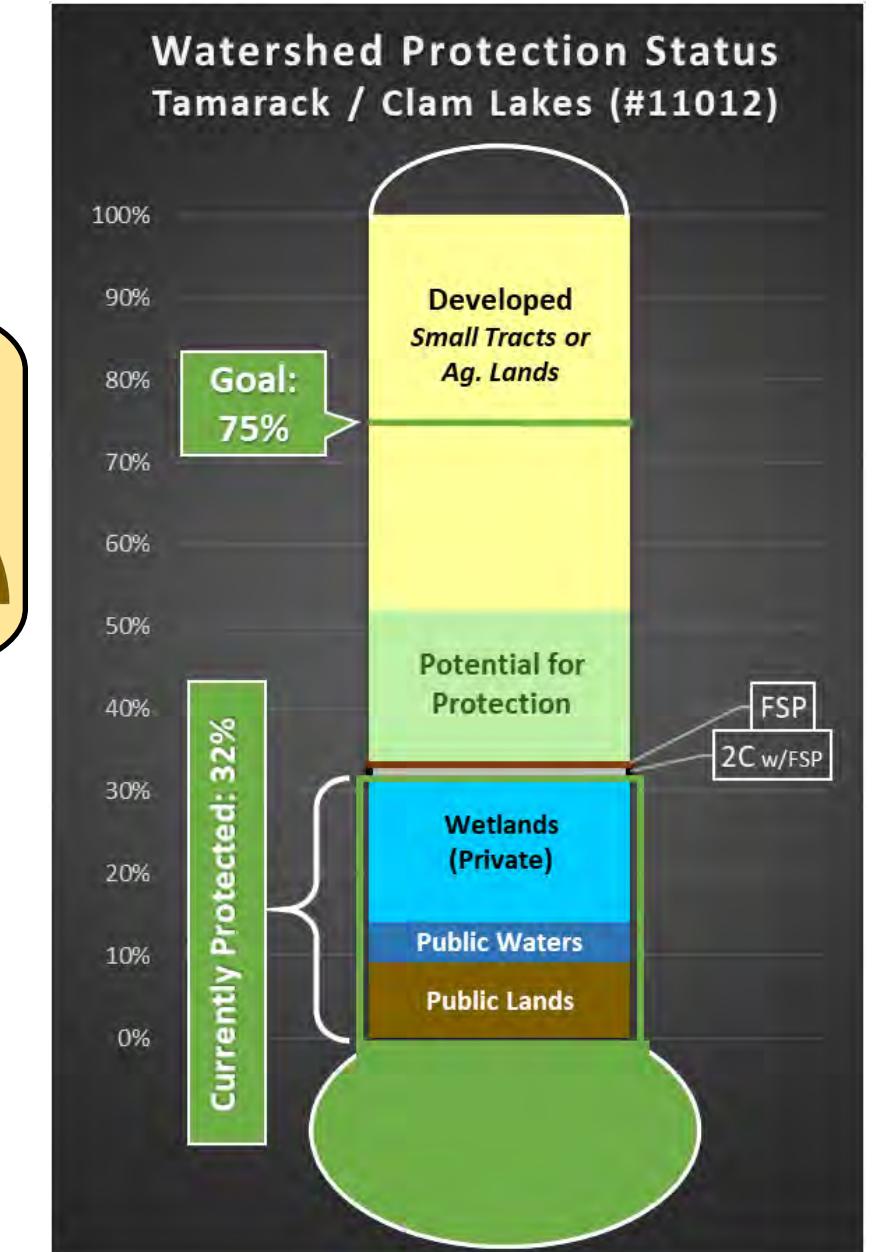
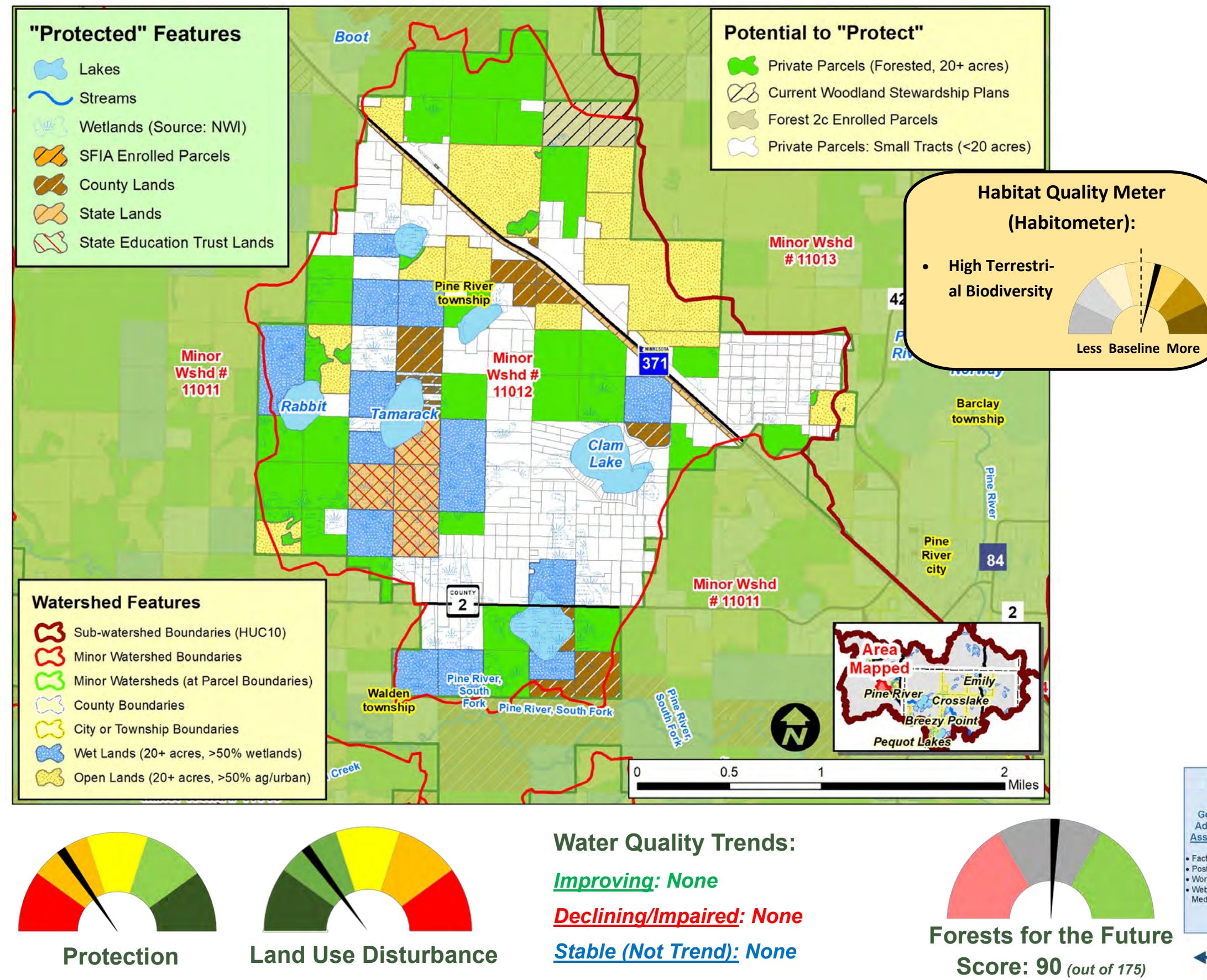


Scoring Criteria:		
Riparian	3	Riparian
	2	Non-riparian: Shoreland (1 parcel back)
	1	2 parcels back
Adjacency	3	2 sides touching public land
	2	1 side touching public land
	1	One parcel removed from public land or touching parcel with SFIA or Easement
Quality*	3	1 point for each feature that the parcel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

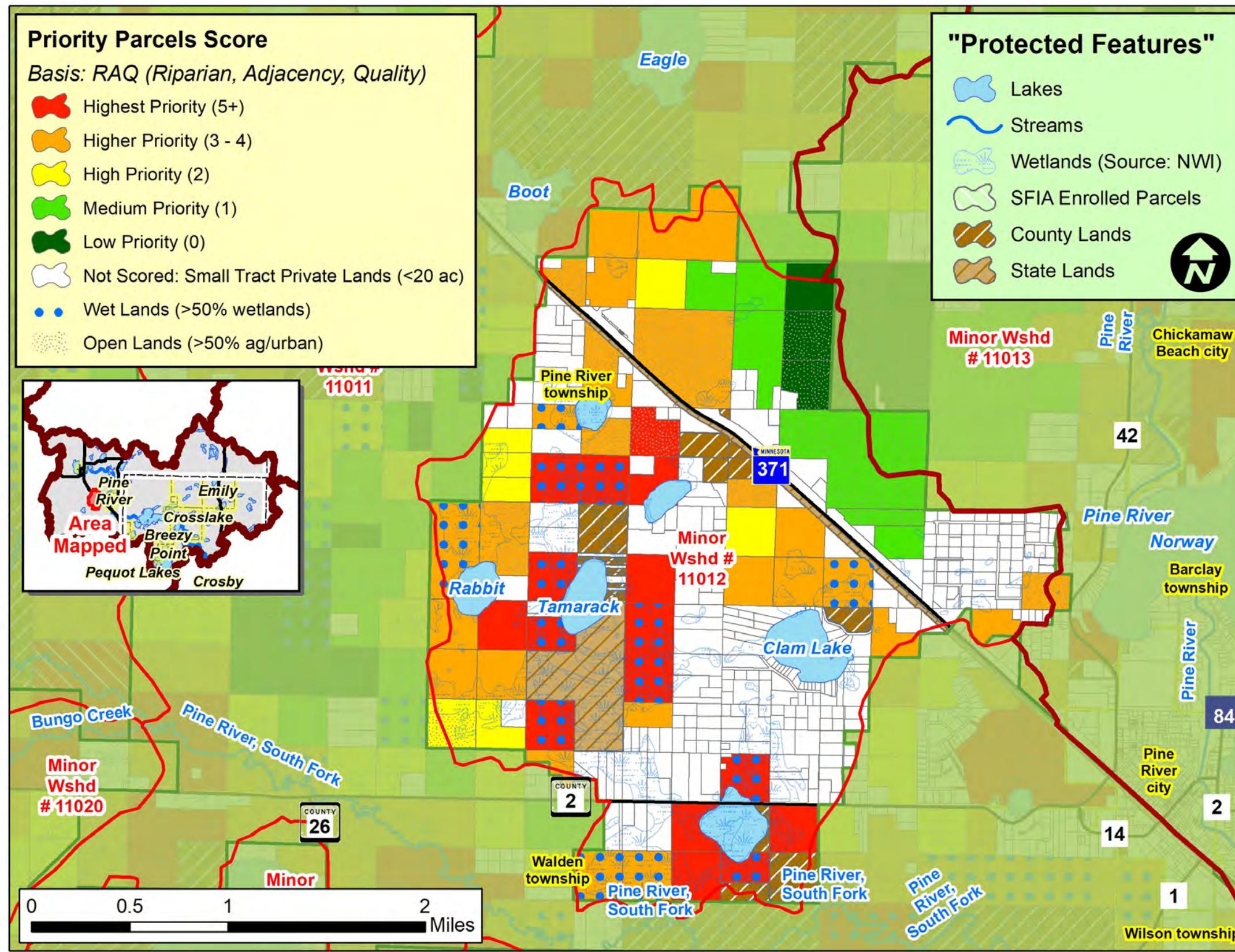
* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- 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)

What is the Potential to Protect the Tamarack / Clam Lakes Minor Watershed (Minor #11012)?



RAQ Scoring for Parcels in the Tamarack / Clam L. Minor Watershed (Minor #11012)



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:

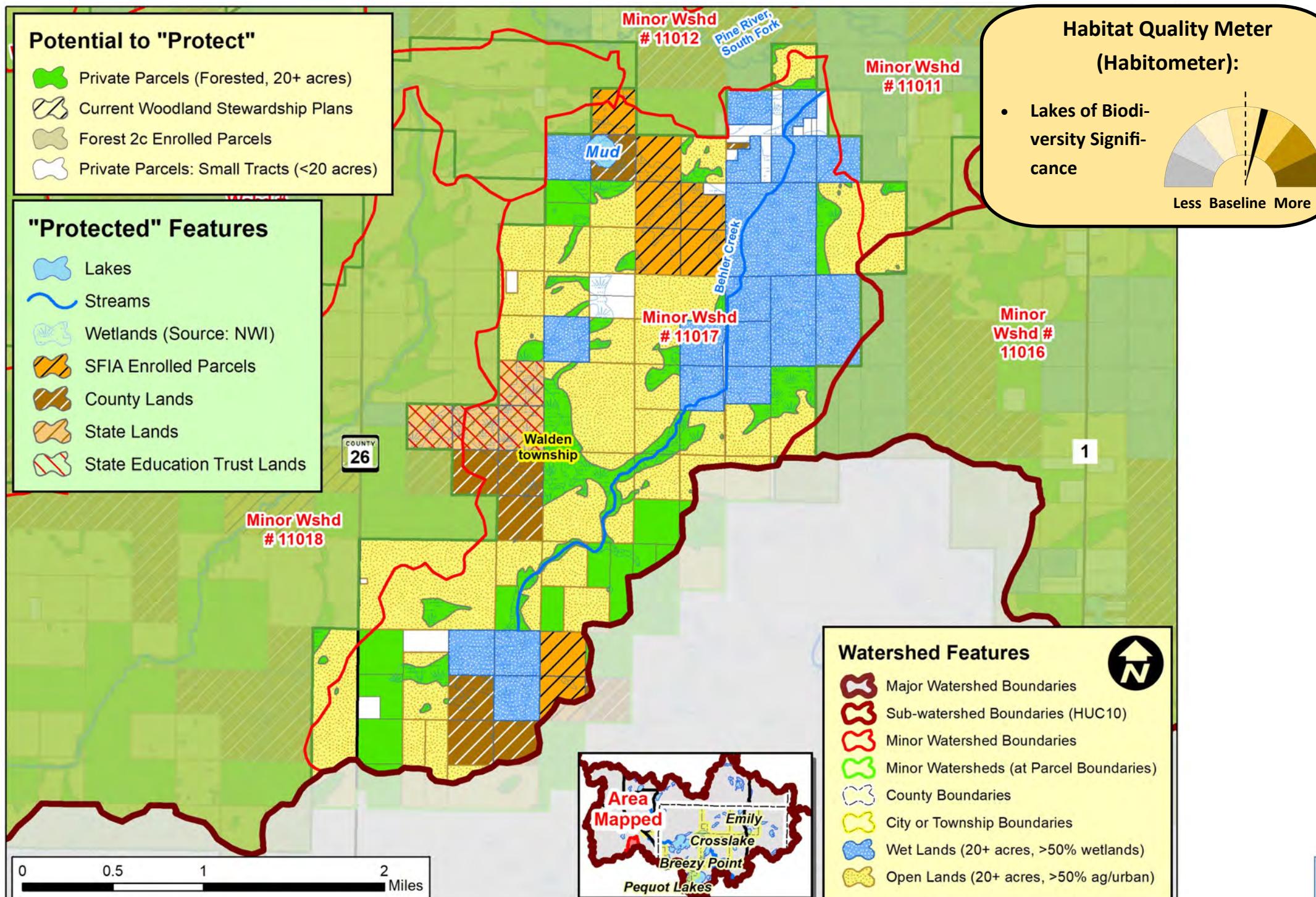
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

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 - Timber Stand Improvement (Thinning) - Forest Stewardship Projects	Grants & Cost-share Projects Forest Management • Tree Planting • Bud Capping • Timber Sales • High Priority Areas • Forest Habitat Fund	Local Land Use Incentive Programs to Enroll Land • SFIA • 2C Forest • CRP • Voluntary Site Level Guidelines • Zoning & Official Controls
• Riparian Buffers • 2C Forest • CRP • Donated • Purchased	• Timber Sales • High Priority Areas • Forest Habitat Fund	• SFIA • 2C Forest • CRP • Federal • State • County	Fee Title Conservation Easements • Donated • Purchased

Lower Costs, Less Permanent Options Higher Costs, More Permanent

What is the Potential to Protect the Behler Creek Minor Watershed (Minor #11017)?



Water Quality Trends:

Improving: None

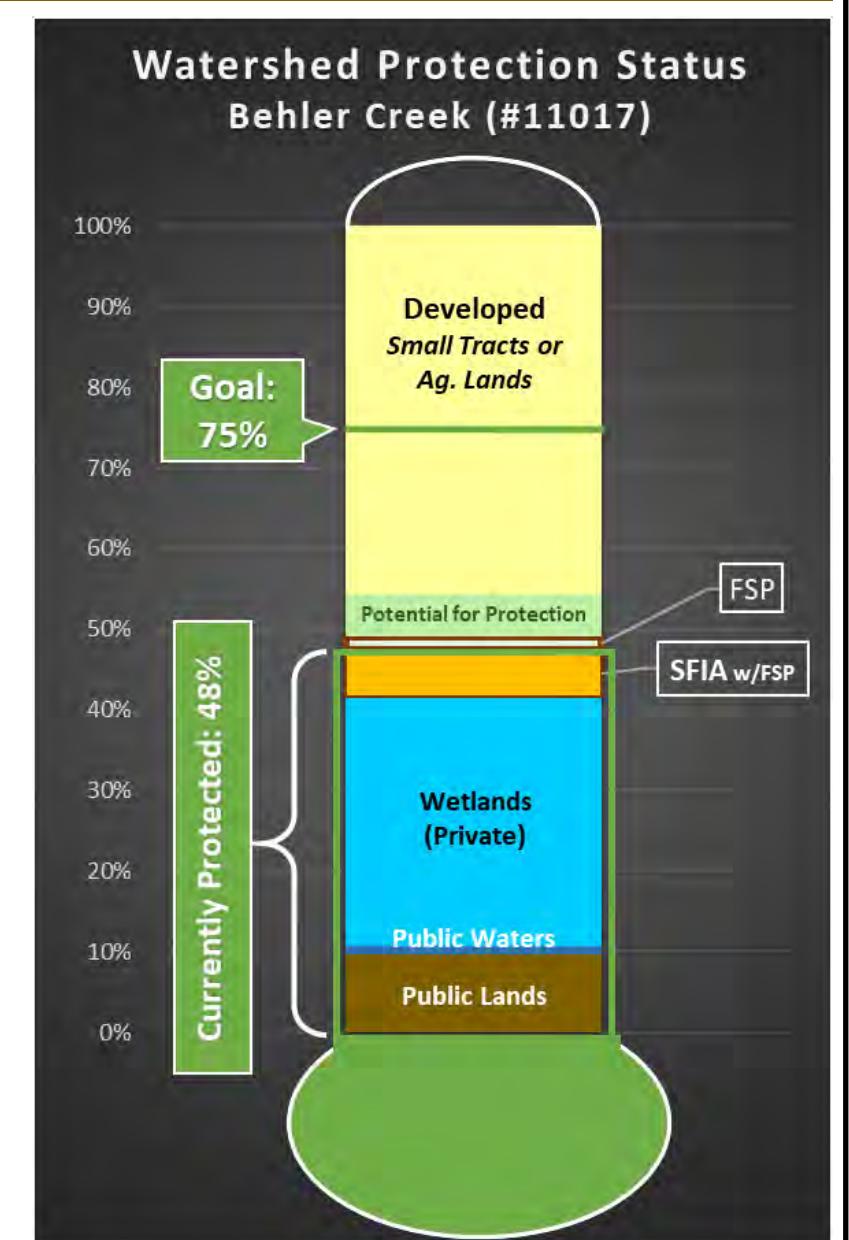
Declining/Impaired: None

Stable (No Trend): None



Watershed Protection Status

Behler Creek (#11017)



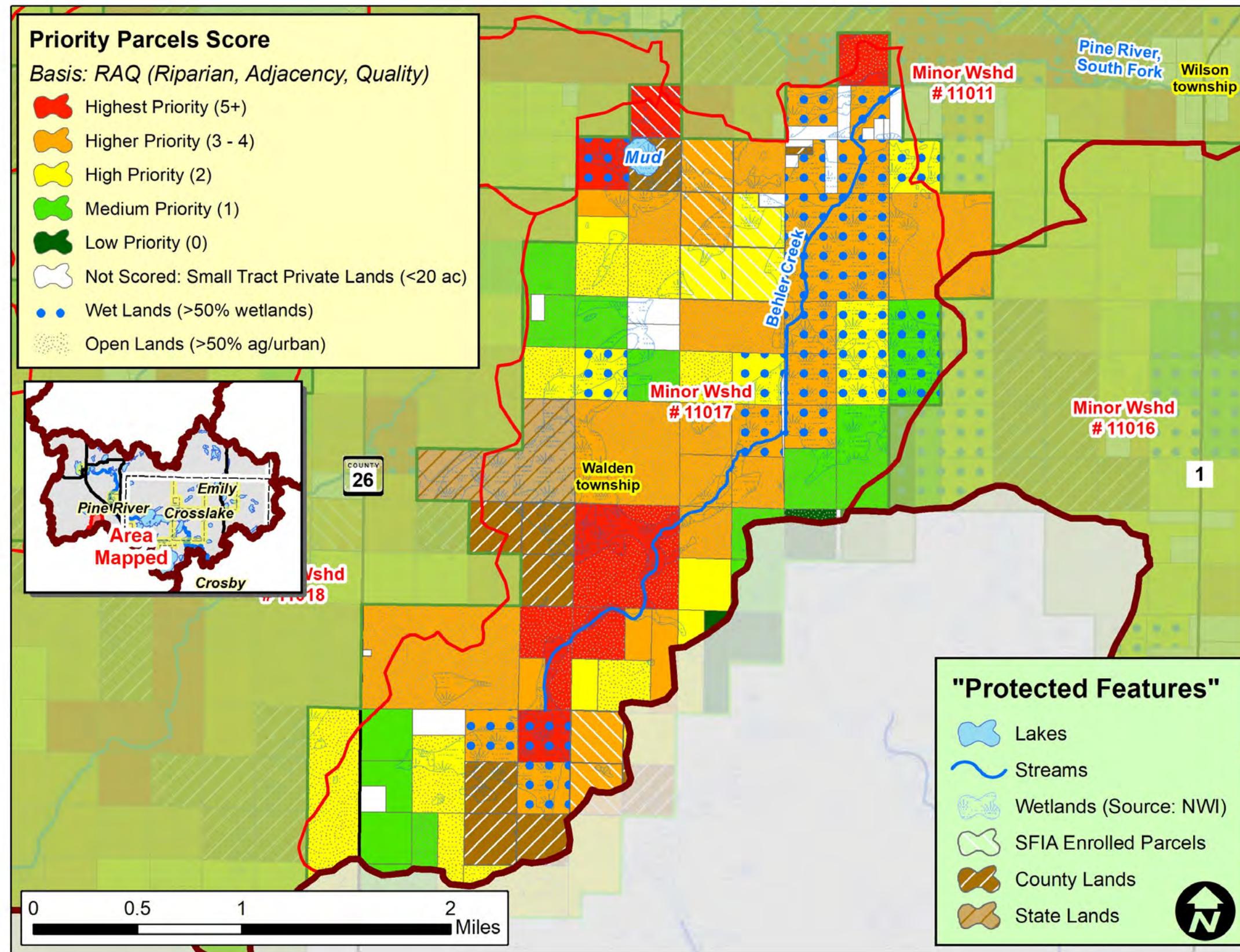
Implementation Toolbox

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

Options

← Lower Costs, Less Permanent → Higher Costs, More Permanent →

RAQ Scoring for Parcels in the Behler Creek Minor Watershed (Minor #11017)



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:

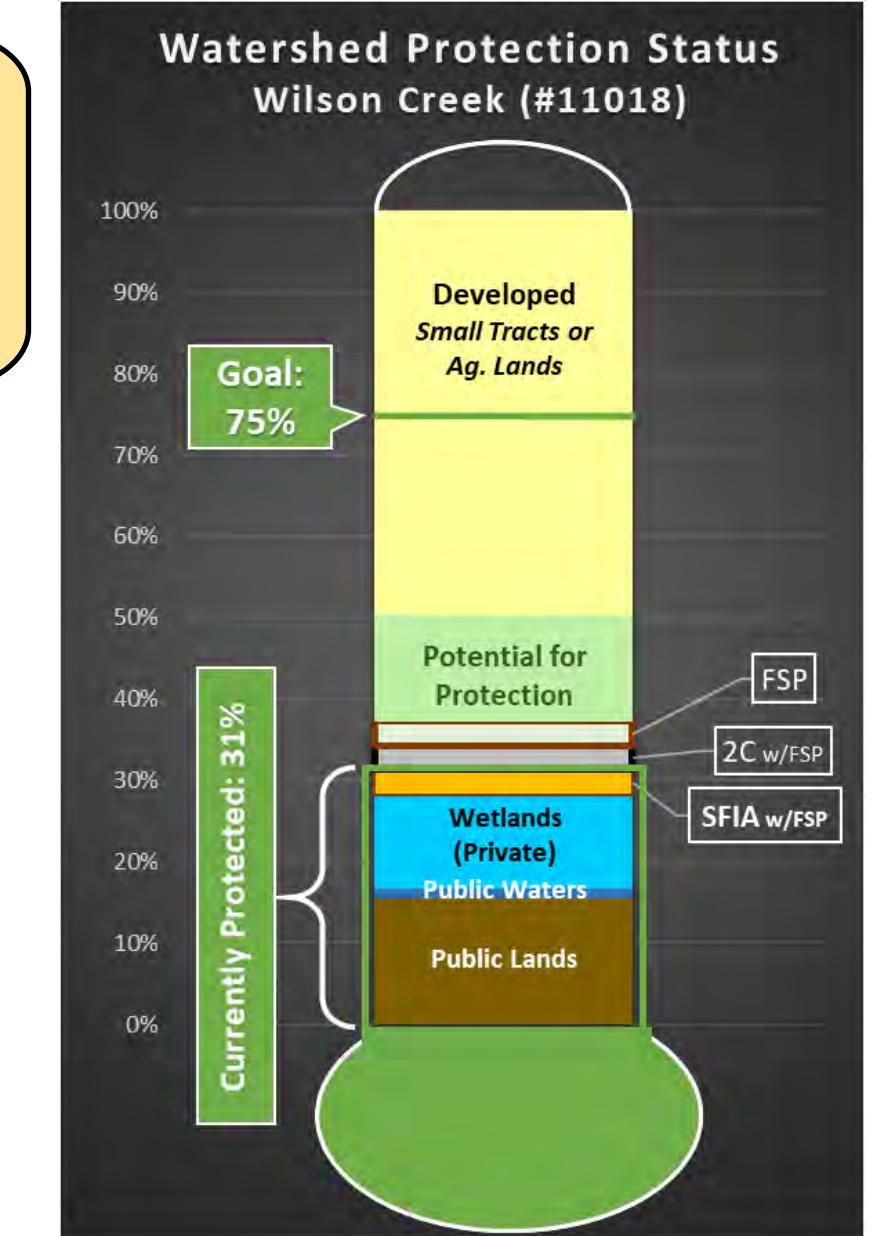
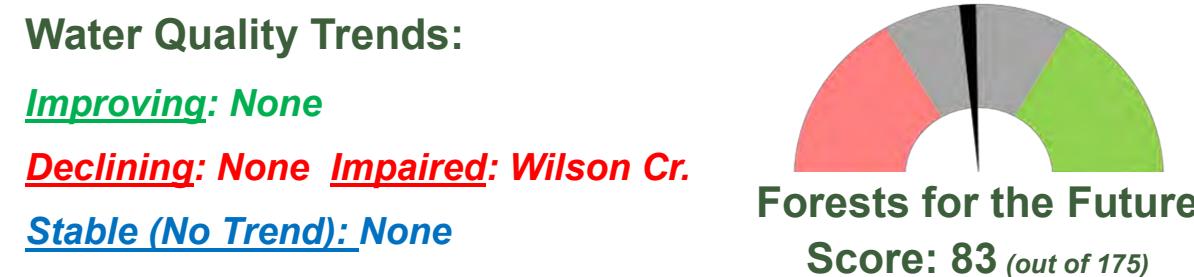
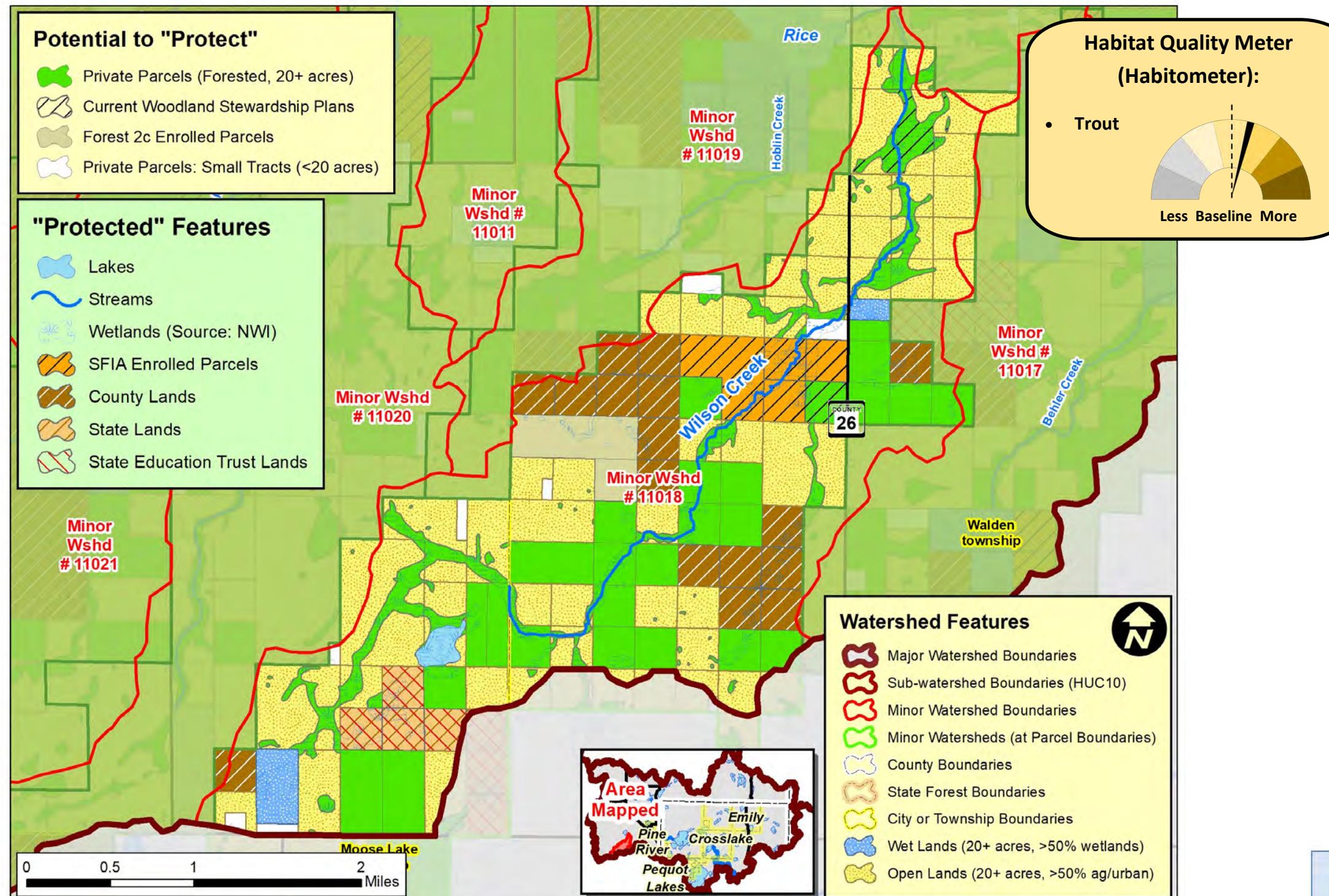
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

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 - Timber Stand - Forest - Stewardship - Projects	Grants & Cost-share Projects Forest Management • Tree Planting • Bud Capping • Timber Sales • High Priority Areas • Landscape - Improvement - Thinning - Forest - Habitat Fund	Local Land Use Incentive Programs to Enroll Land • SFIA • 2C Forest • CRP • Voluntary - Site Level Guidelines • Zoning & - Official Controls
Conservation Easements • Donated • Purchased	Public Land Acquisition • Federal • State • County		

Lower Costs, Less Permanent Options Higher Costs, More Permanent

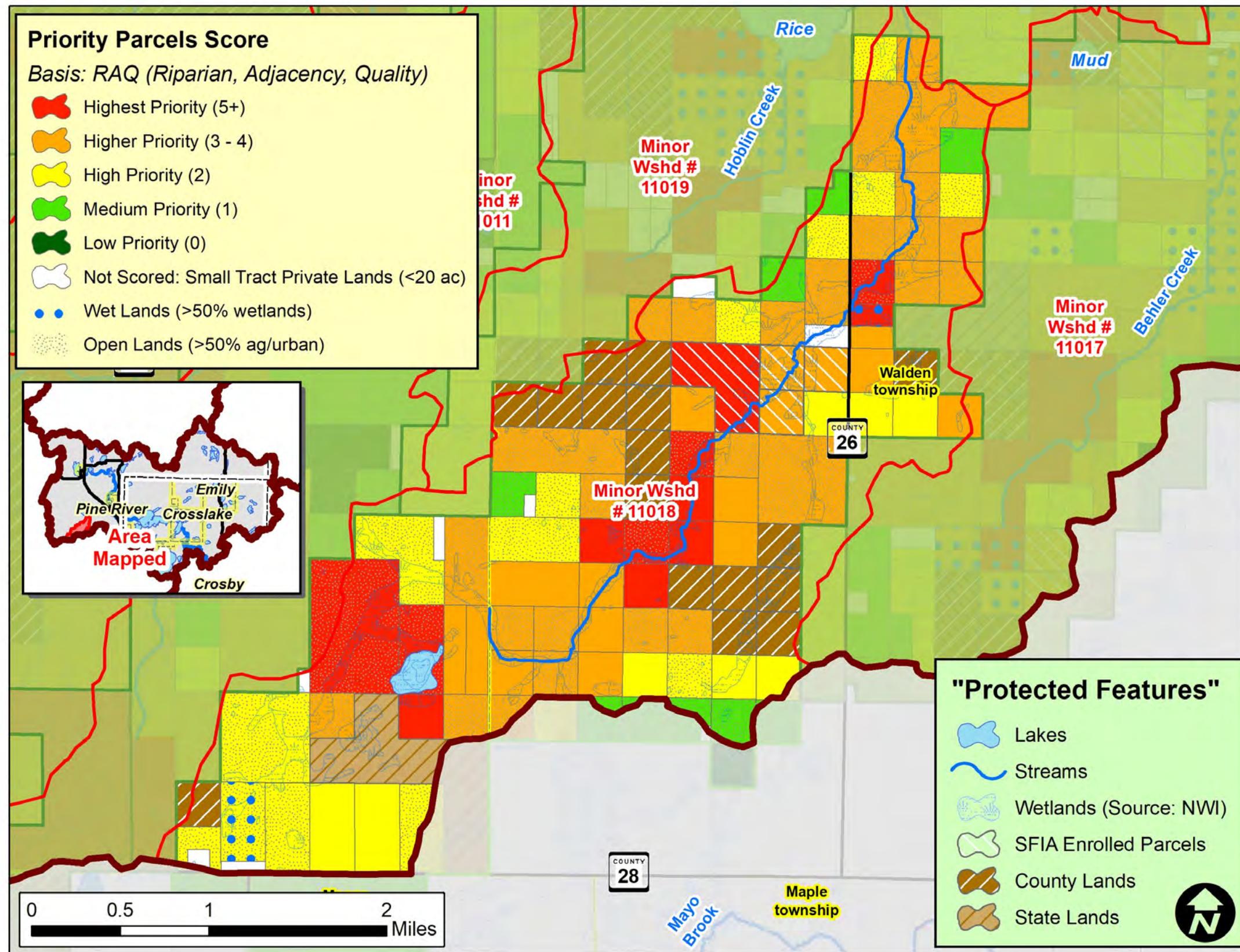
What is the Potential to Protect the Wilson Creek Minor Watershed (Minor #11018)?



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"> • Factsheets • Poster / Mailers • Workshops • Website / Social Media 	<ul style="list-style-type: none"> • Site Visits • Plans: <ul style="list-style-type: none"> - Landscape Stewardship - Forest Stewardship - Projects 	<ul style="list-style-type: none"> • Tree Planting • Bud Capping • Timber Stand Improvement (Thinning) 	<ul style="list-style-type: none"> • Timber Sales • High Priority Areas; • Clean Water/ Habitat Fund 	<ul style="list-style-type: none"> • Riparian Buffers • Voluntary Site Level Guidelines • Zoning & Official Controls 	<ul style="list-style-type: none"> • SFIA • 2C Forest • CRP 	<ul style="list-style-type: none"> • Donated • Purchased 	<ul style="list-style-type: none"> • Federal • State • County

RAQ Scoring for Parcels in the Wilson Creek Minor Watershed (Minor #11018)



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:

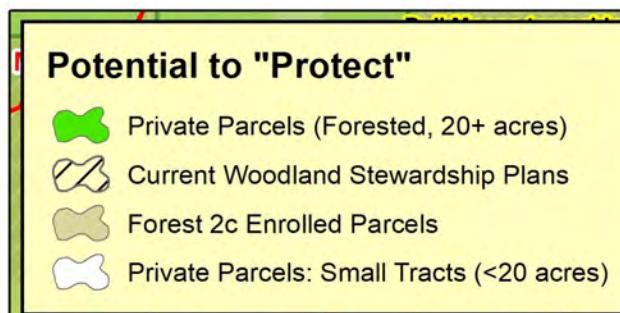
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

Implementation Toolbox

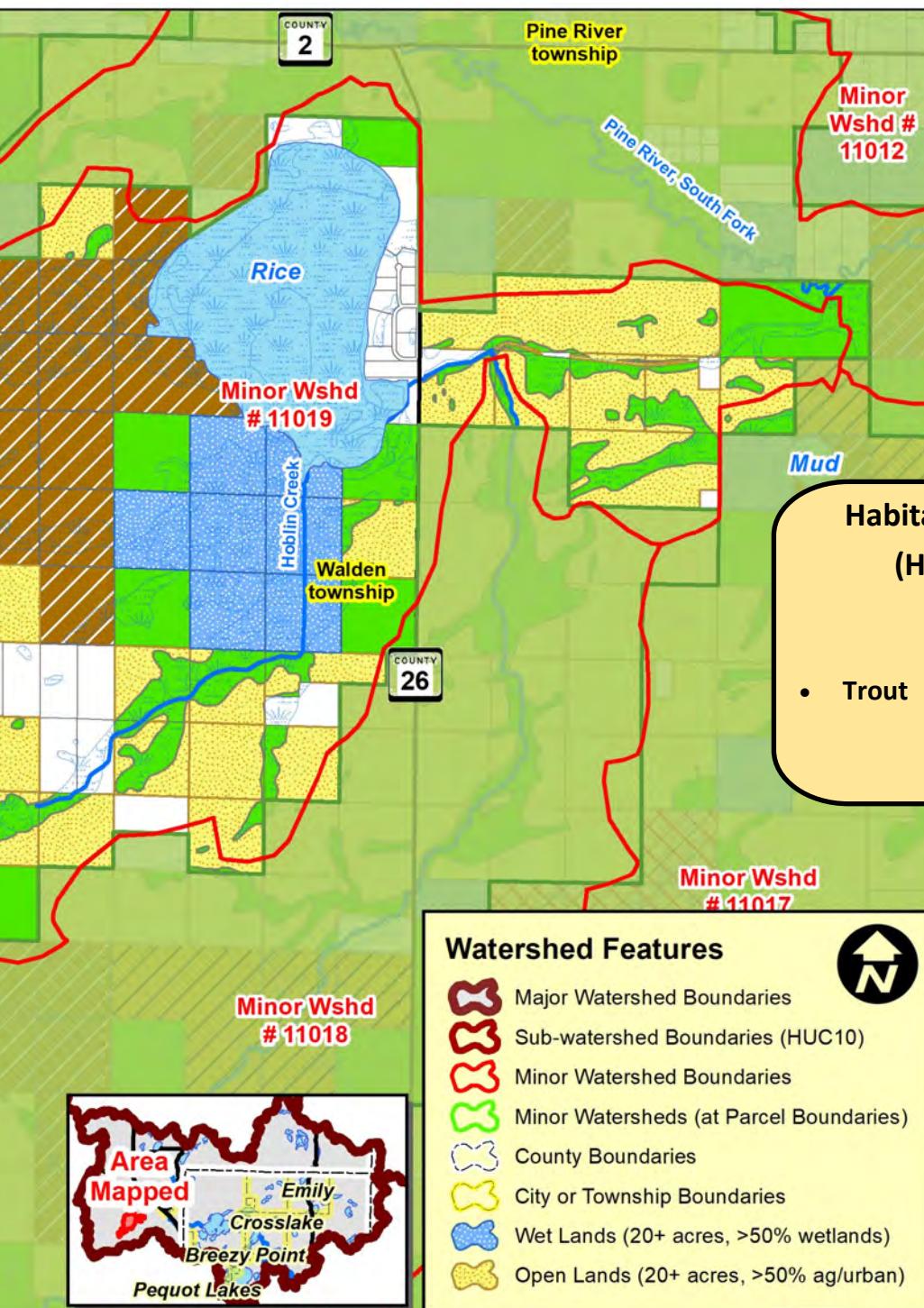
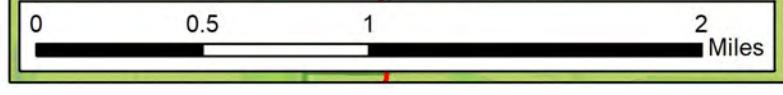
Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance • Factsheets • Poster / Mailers • Workshops • Website / Social Media	Specific Advice & Assistance • Site Visits • Plans: - Landscape - Timber Stand - Forest - Stewardship - Projects	Grants & Cost-share Projects Forest Management • Tree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

Lower Costs, Less Permanent Options Higher Costs, More Permanent

What is the Potential to Protect the Hoblin Creek Minor Watershed (Minor #11019)?



"Protected" Features



Water Quality Trends:

Improving: None

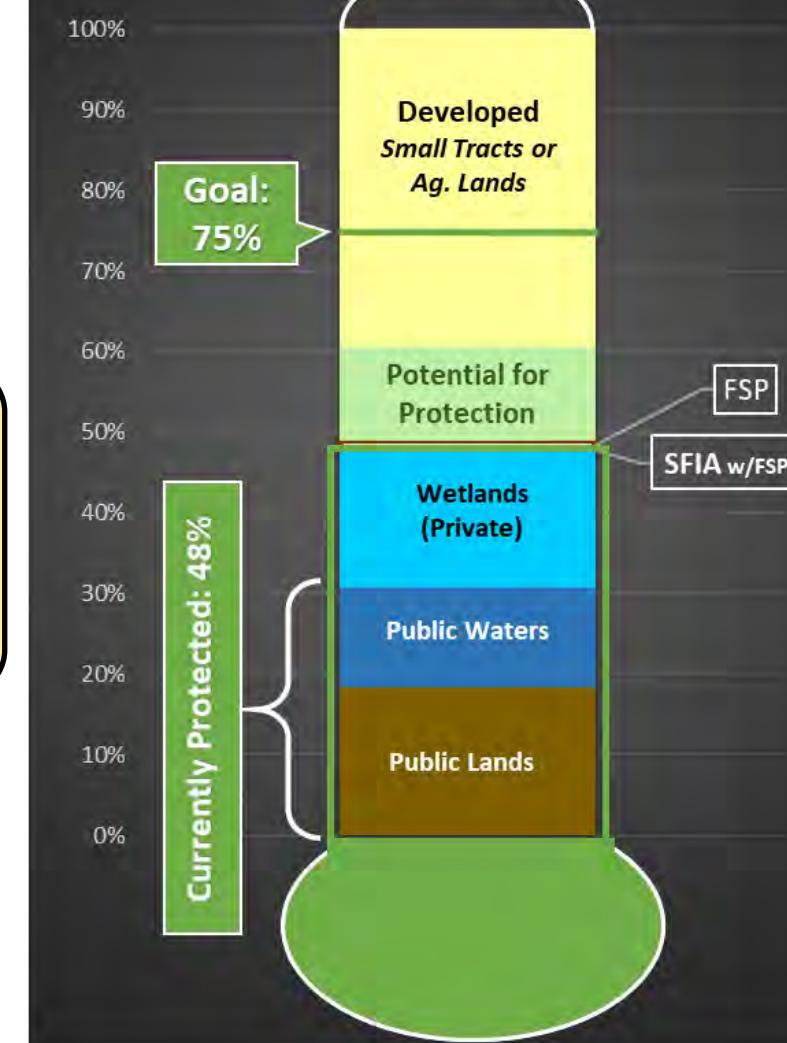
Declining/Impaired: None

Stable (No Trend): None



Watershed Protection Status

Hoblin Creek (#11019)



Implementation Toolbox

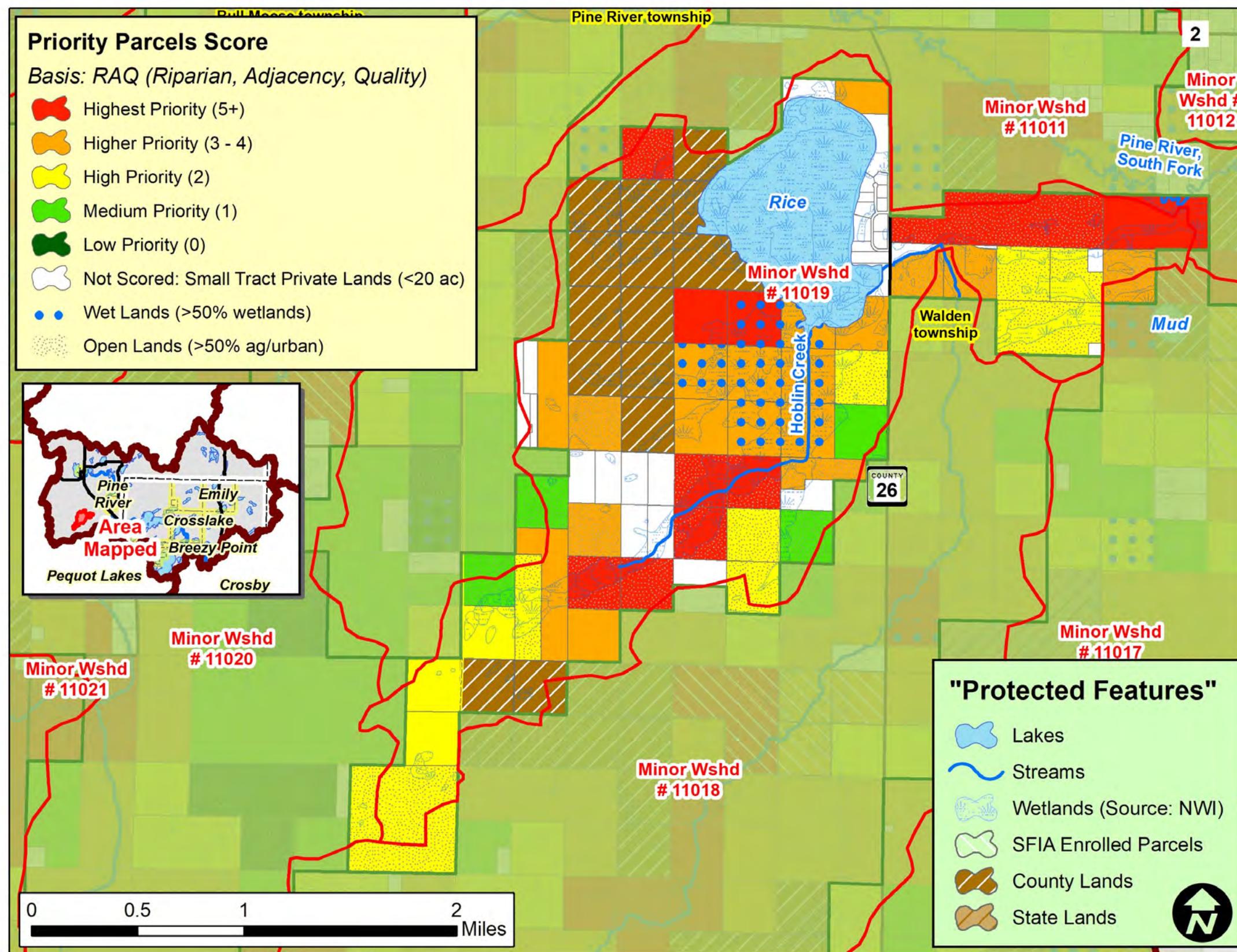
Plan It!	Improve It!	Manage It!	Buy It!
<p>General Advice & Assistance</p> <ul style="list-style-type: none"> Factsheets Poster / Mailers Workshops Website / Social Media <p>Specific Advice & Assistance</p> <ul style="list-style-type: none"> Site Visits Plans: <ul style="list-style-type: none"> Landscape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

Options

← Lower Costs, Less Permanent →

→ Higher Costs, More Permanent →

RAQ Scoring for Parcels in the Hoblin Creek Minor Watershed (Minor #11019)



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:

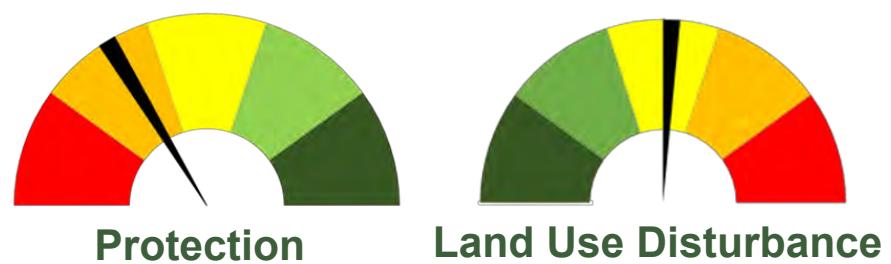
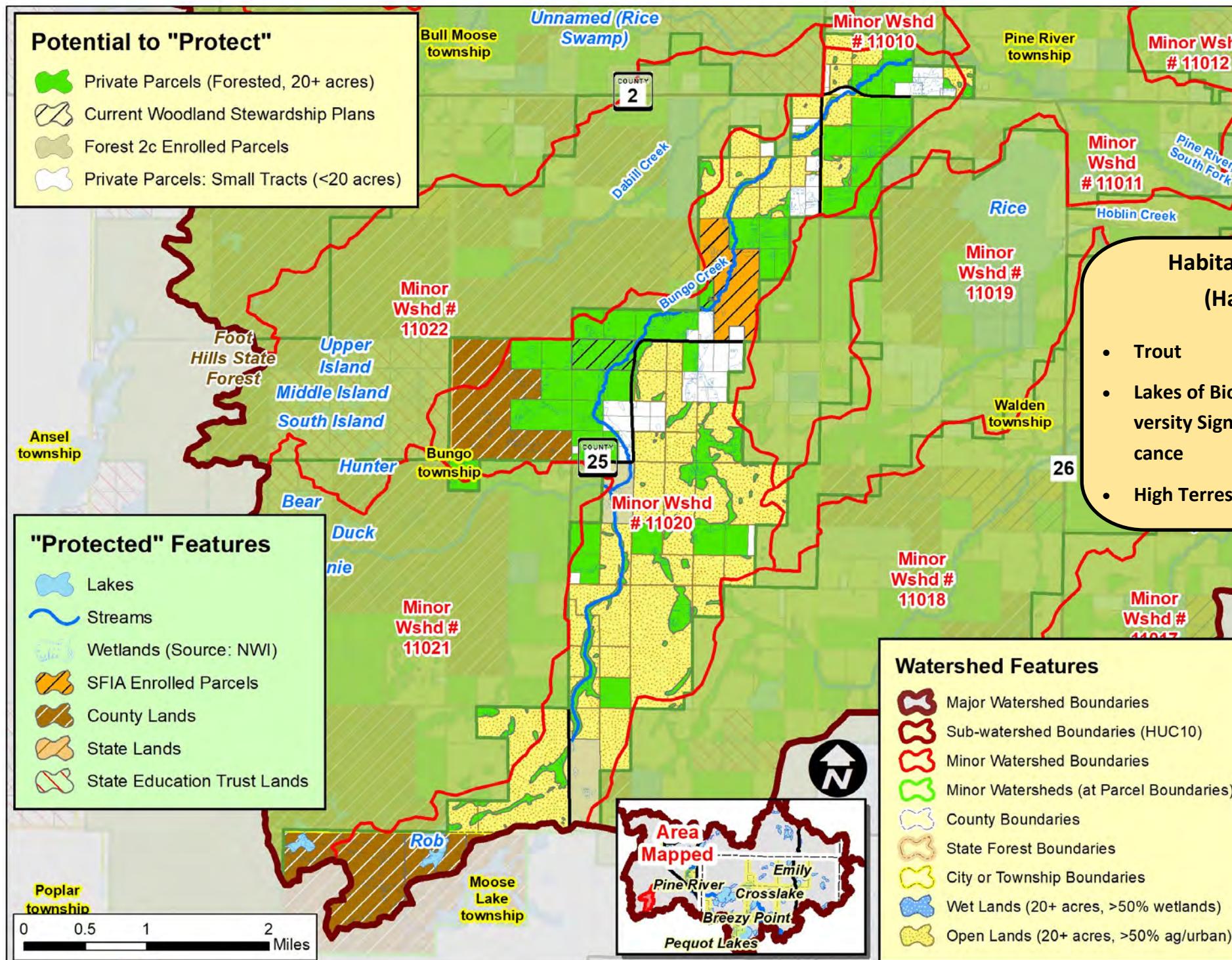
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

Implementation Toolbox

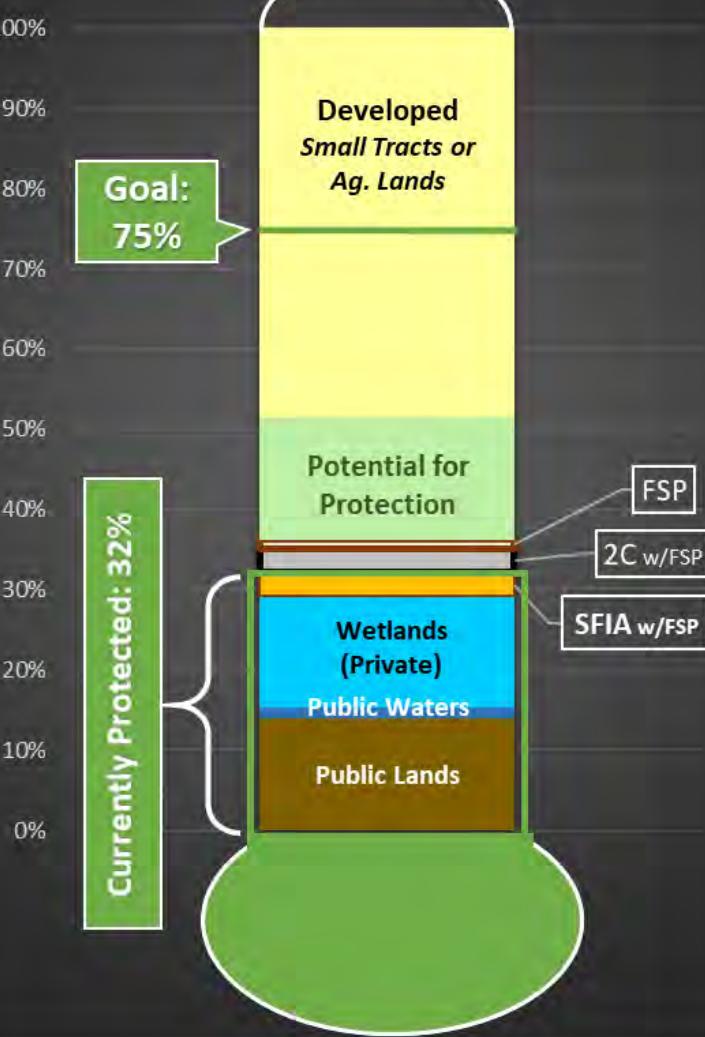
Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance • Factsheets • Poster / Mailers • Workshops • Website / Social Media	Specific Advice & Assistance • Site Visits • Plans: - Landscape - Timber Stand - Forest - Stewardship - Projects	Grants & Cost-share Projects Forest Management • Tree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

Lower Costs, Less Permanent Options Higher Costs, More Permanent

What is the Potential to Protect the Bungo Creek Minor Watershed (Minor #11020)?



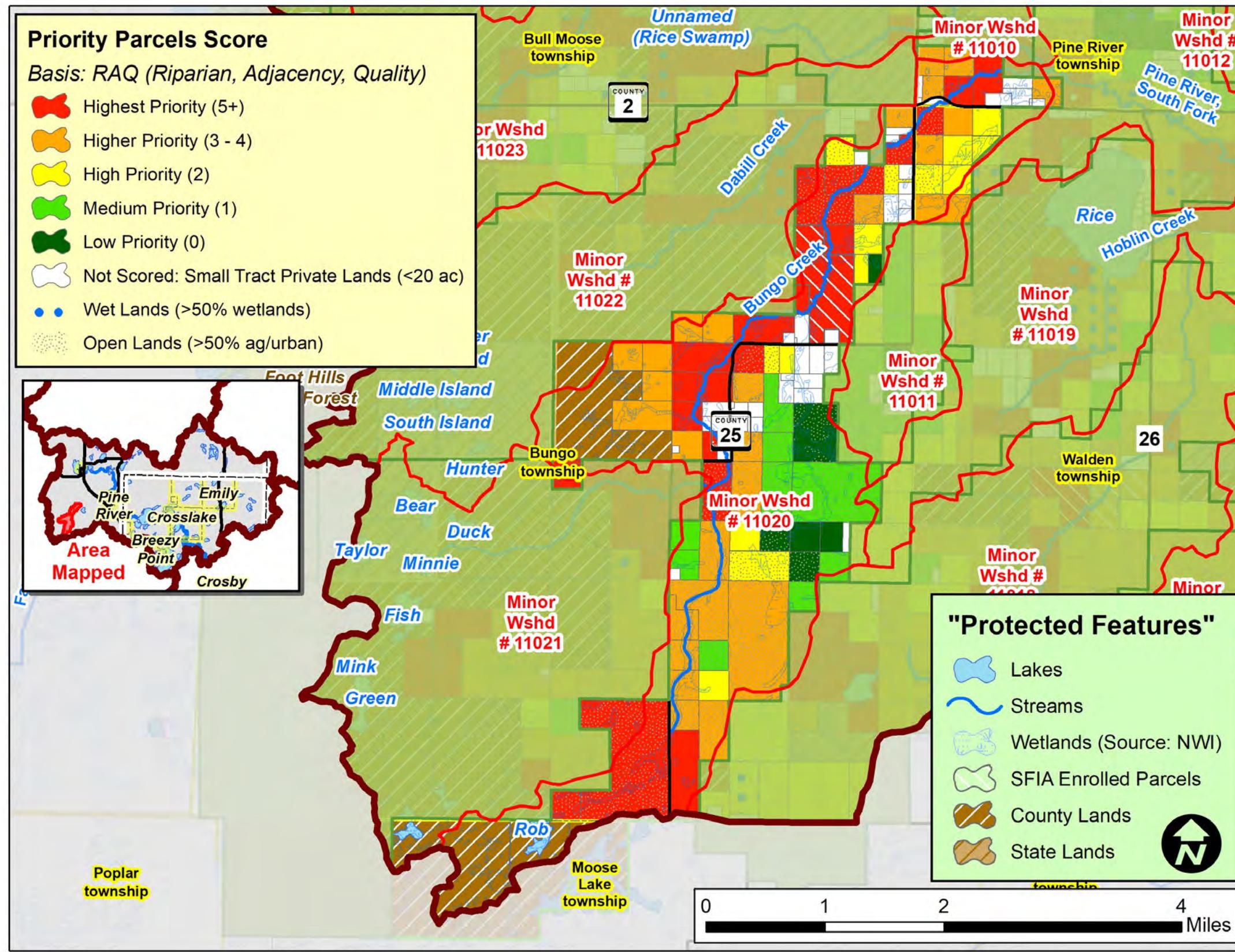
Watershed Protection Status Bungo Creek (#11020)



Implementation Toolbox



RAQ Scoring for Parcels in the Bungo Creek Minor Watershed (Minor #11020)



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:

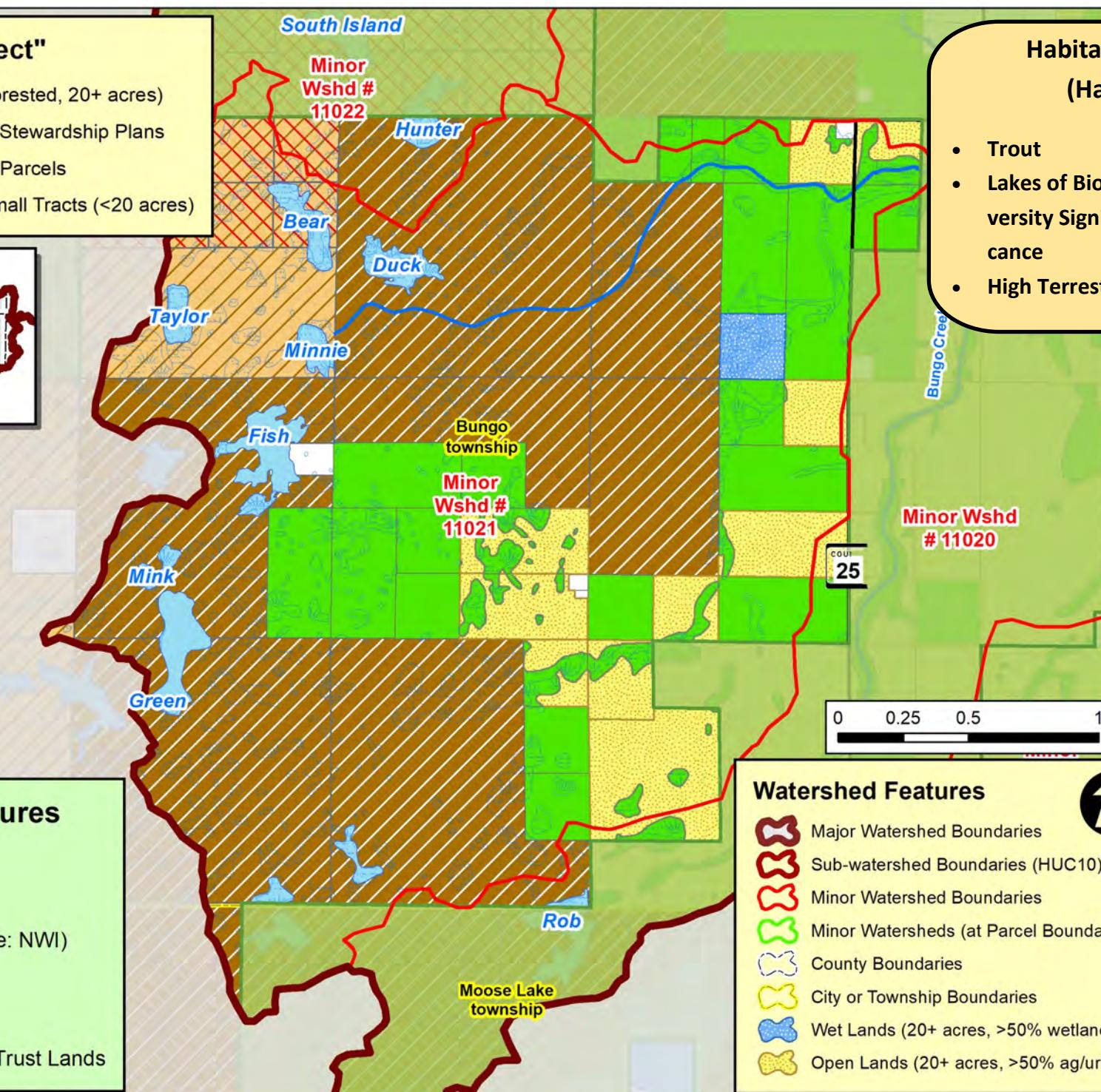
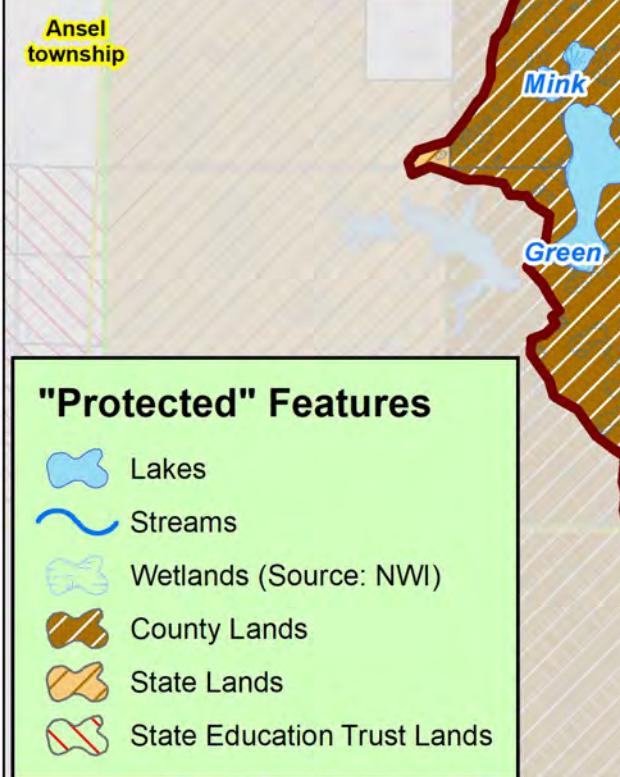
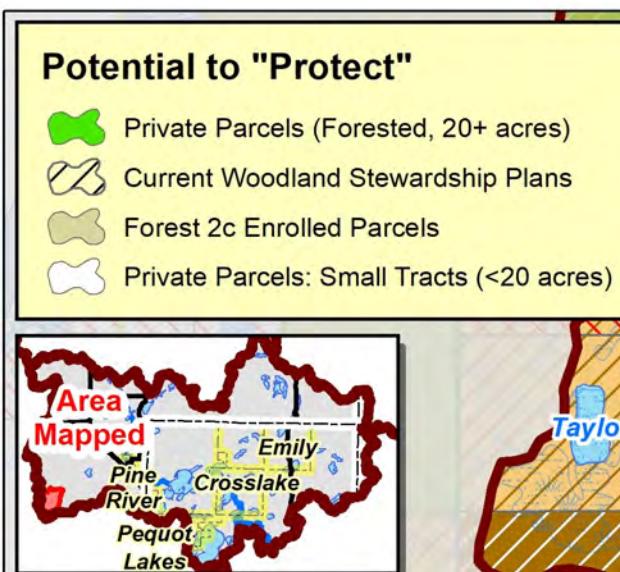
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

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 - Timber Stand - Forest - Stewardship - Projects	Grants & Cost-share Projects Forest Management • Tree Planting • Bud Capping • Timber Sales - High Priority Areas - Landscape - Stewardship - Forest - Projects • Timber Sales - High Priority Areas - Landscape - Stewardship - Forest - Projects	Local Land Use Incentive Programs to Enroll Land • SFIA • 2C Forest • CRP • Voluntary • Site Level - Guidelines - Zoning & - Official - Controls
Conservation Easements • Donated • Purchased	Public Land Acquisition • Federal • State • County		

Lower Costs, Less Permanent Options Higher Costs, More Permanent

What is the Potential to Protect the Tributary to Bungo Cr. Minor Watershed (Minor #11021)?

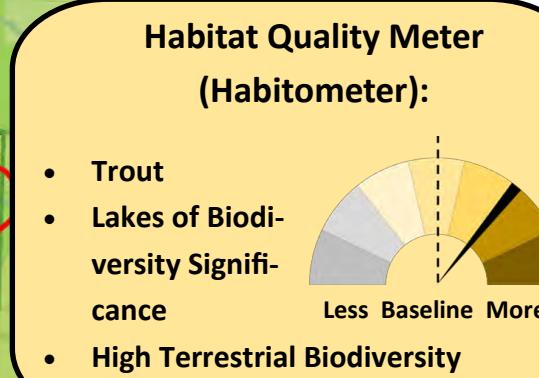


Water Quality Trends:

Improving: None

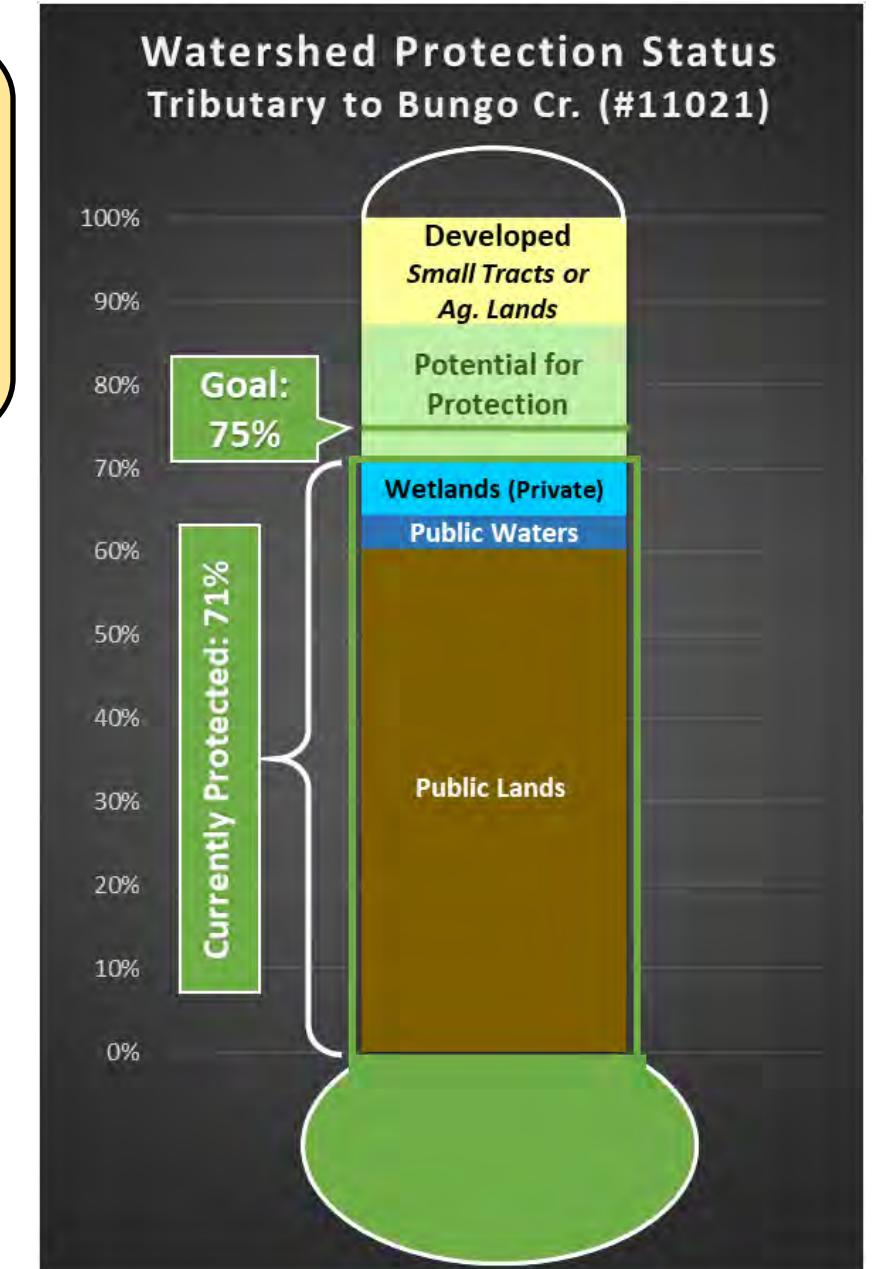
Declining/Impaired: None

Stable/No Trend: None



Watershed Protection Status

Tributary to Bungo Cr. (#11021)

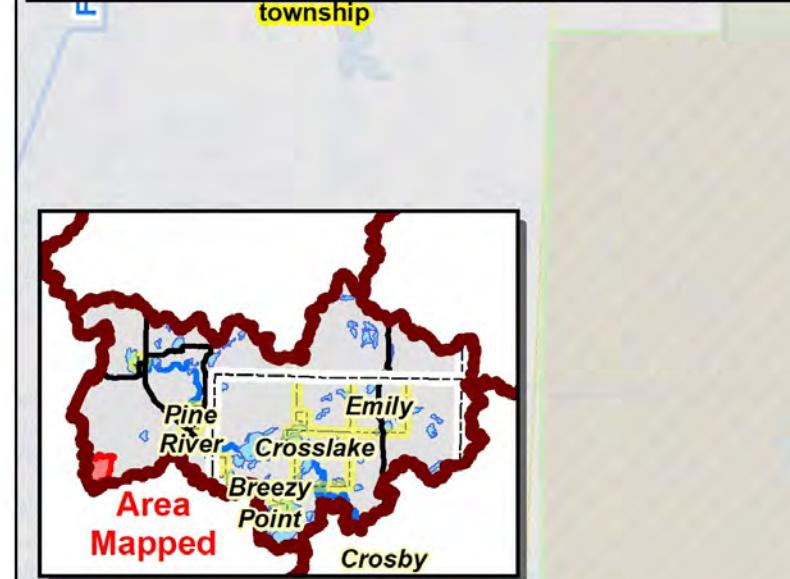


Implementation Toolbox

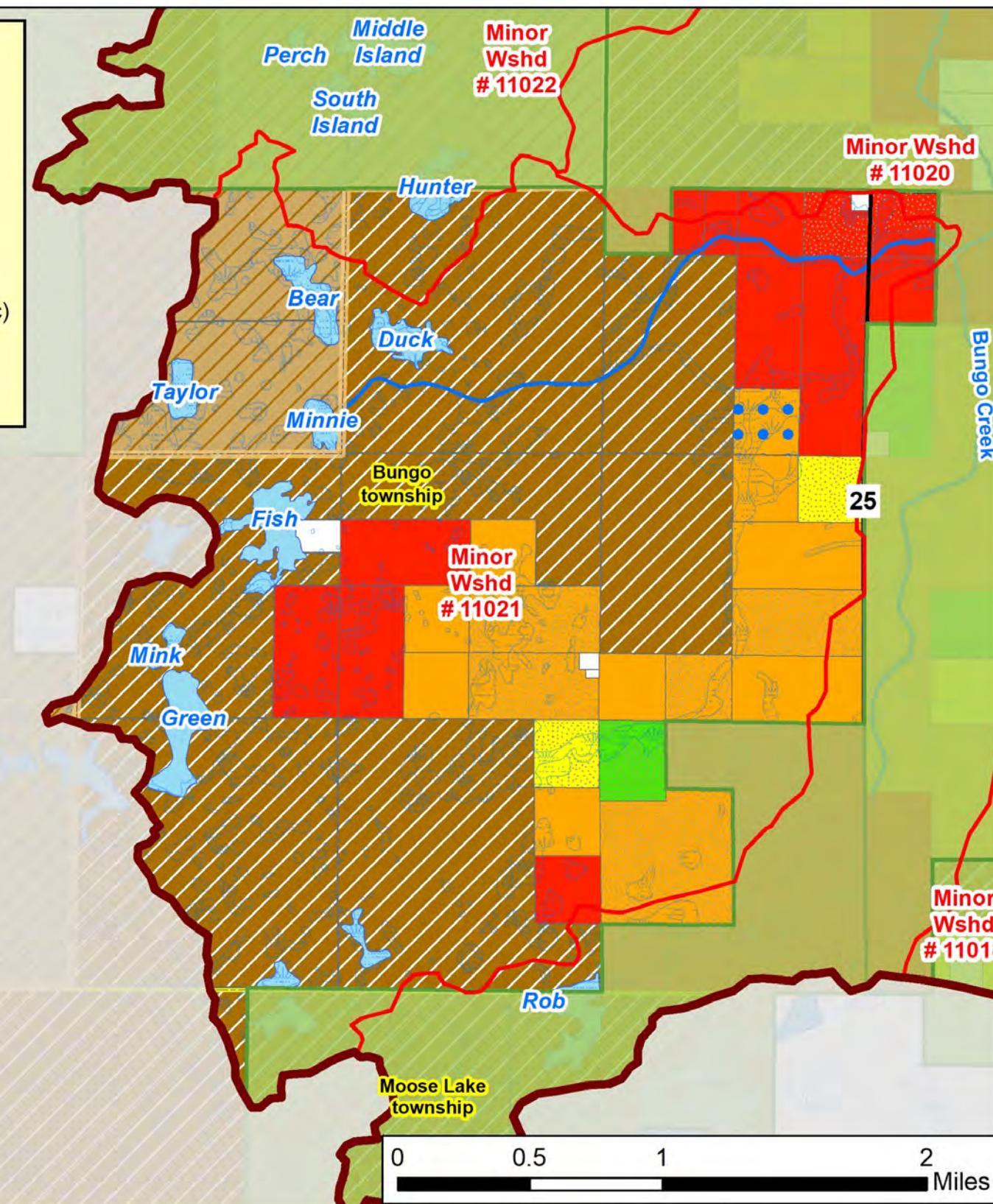


RAQ Scoring for Parcels in the Tributary to Bungo Cr. Minor Watershed (Minor #11021)

Priority Parcels Score	
Basis: RAQ (Riparian, Adjacency, Quality)	
Highest Priority (5+)	
Higher Priority (3 - 4)	
High Priority (2)	
Medium Priority (1)	
Not Scored: Small Tract Private Lands (<20 ac)	
Wet Lands (>50% wetlands)	
Open Lands (>50% ag/urban)	



"Protected Features"	
Lakes	
Streams	
Wetlands (Source: NWI)	
County Lands	
State Lands	



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:

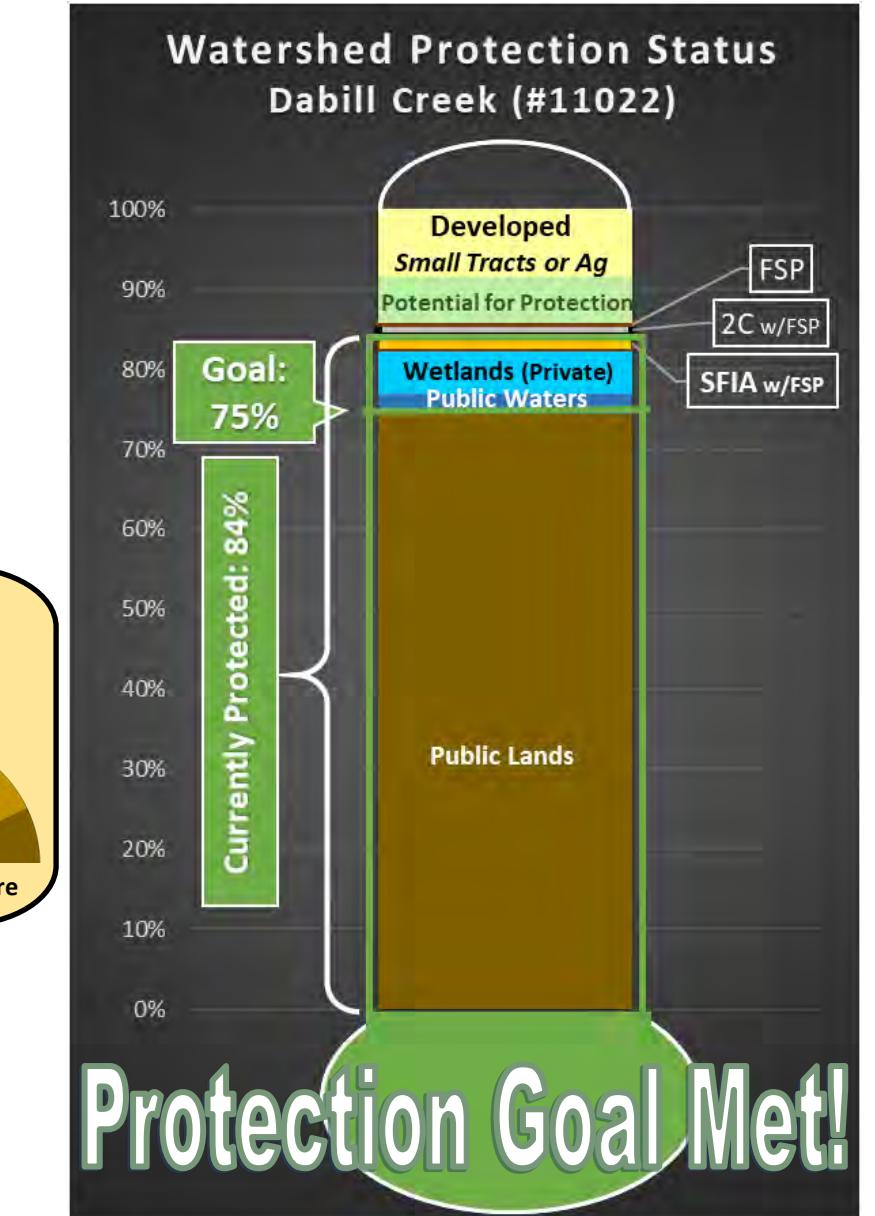
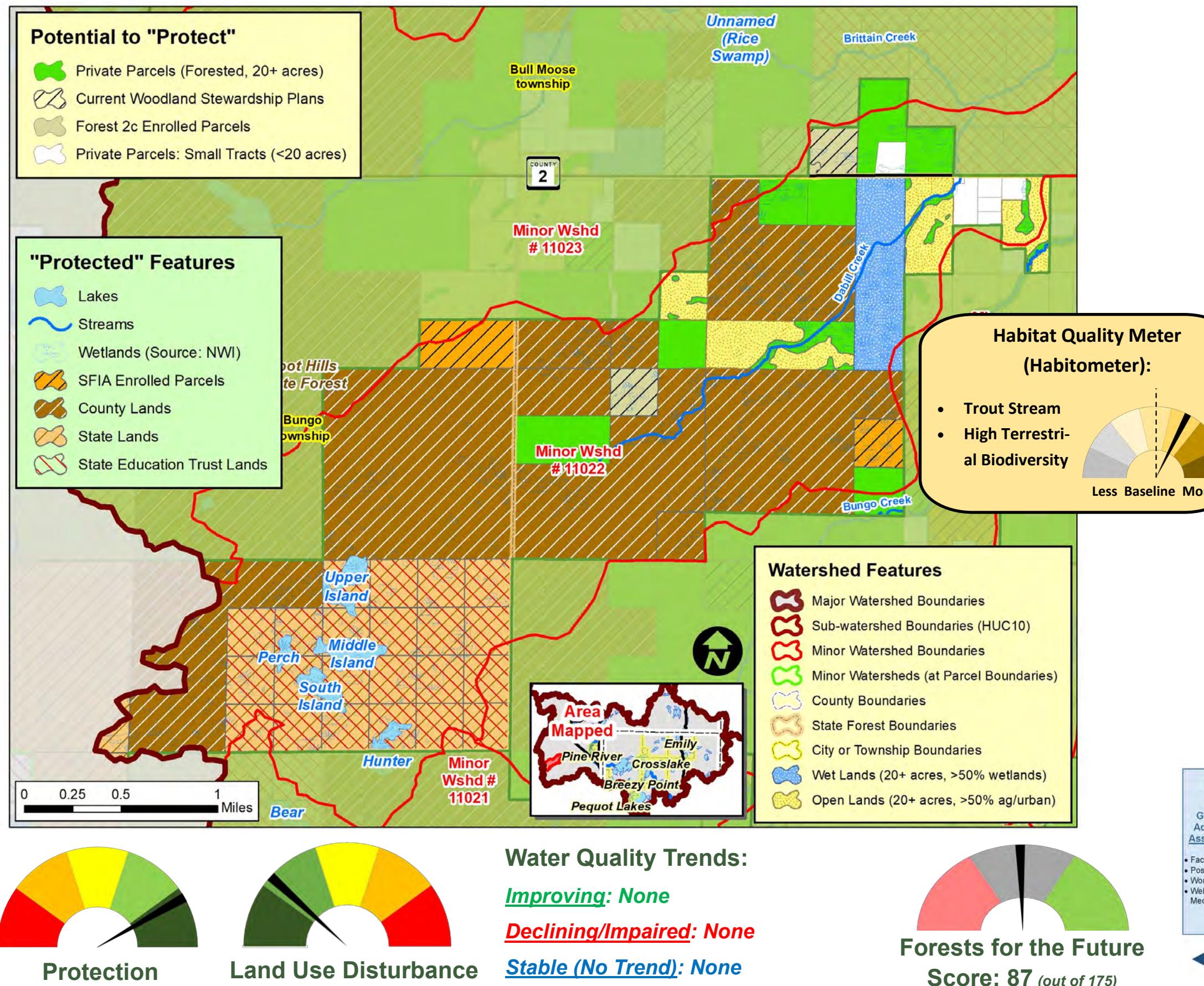
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

Implementation Toolbox

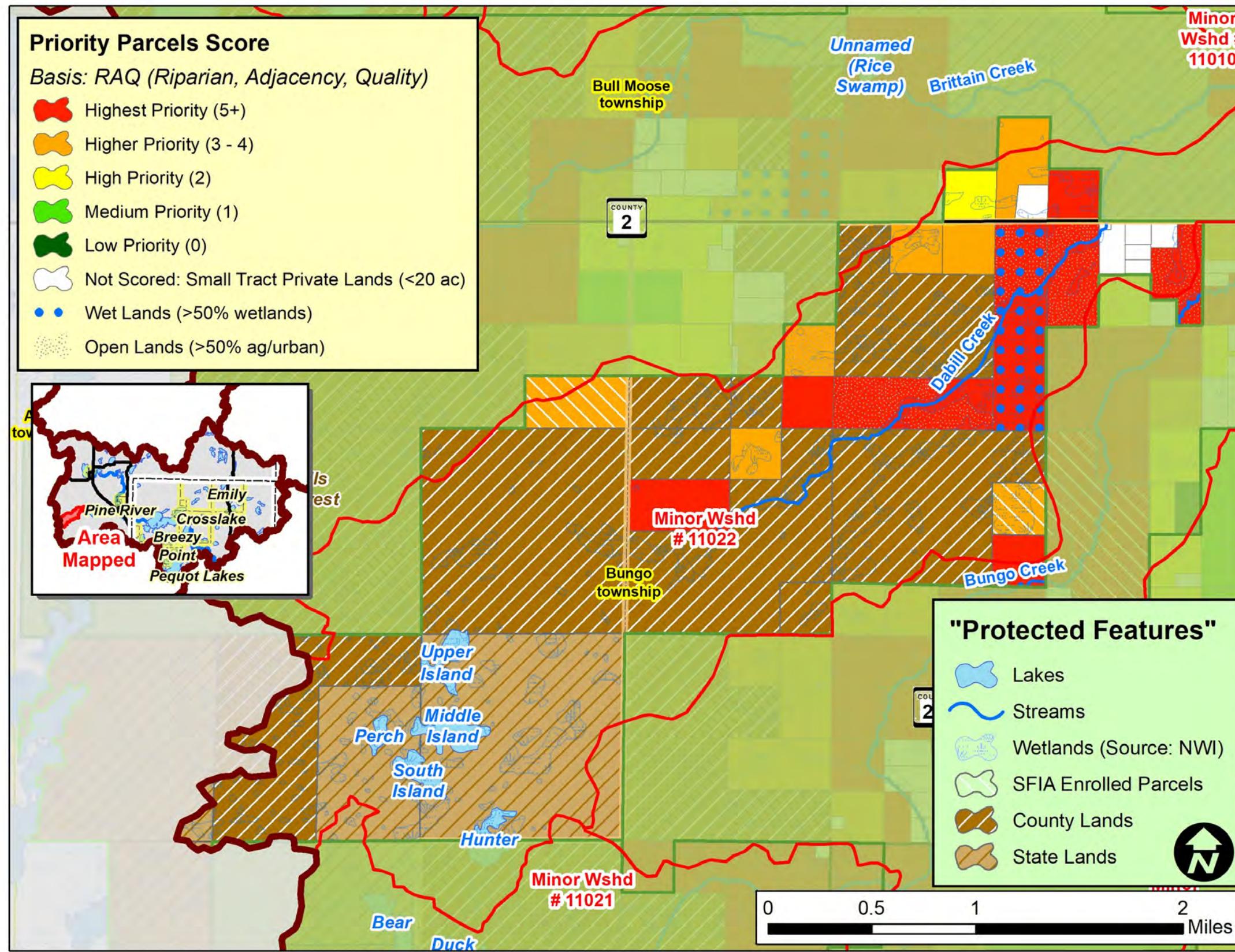
Plan It!	Improve It!	Manage It!	Buy It!
<p>General Advice & Assistance</p> <ul style="list-style-type: none"> Factsheets Poster / Mailers Workshops Website / Social Media 	<p>Specific Advice & Assistance</p> <ul style="list-style-type: none"> Site Visits Plans: <ul style="list-style-type: none"> Bud Capping Timber Sales Voluntary Forest Management Forest Site Level Guidelines Zoning & Official Controls 	<p>Grants & Cost-share Projects</p> <ul style="list-style-type: none"> Tree Planting Timber Sales High Priority Areas Clean Water/Habitat Fund 	<p>Local Land Use</p> <ul style="list-style-type: none"> Fee Title Conservation Easements Donated Purchased <p>Public Land Acquisition</p> <ul style="list-style-type: none"> Federal State County

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

What is the Potential to Protect the Dabill Creek Minor Watershed (Minor #11022)?



RAQ Scoring for Parcels in the Dabill Creek Minor Watershed (Minor #11022)



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:

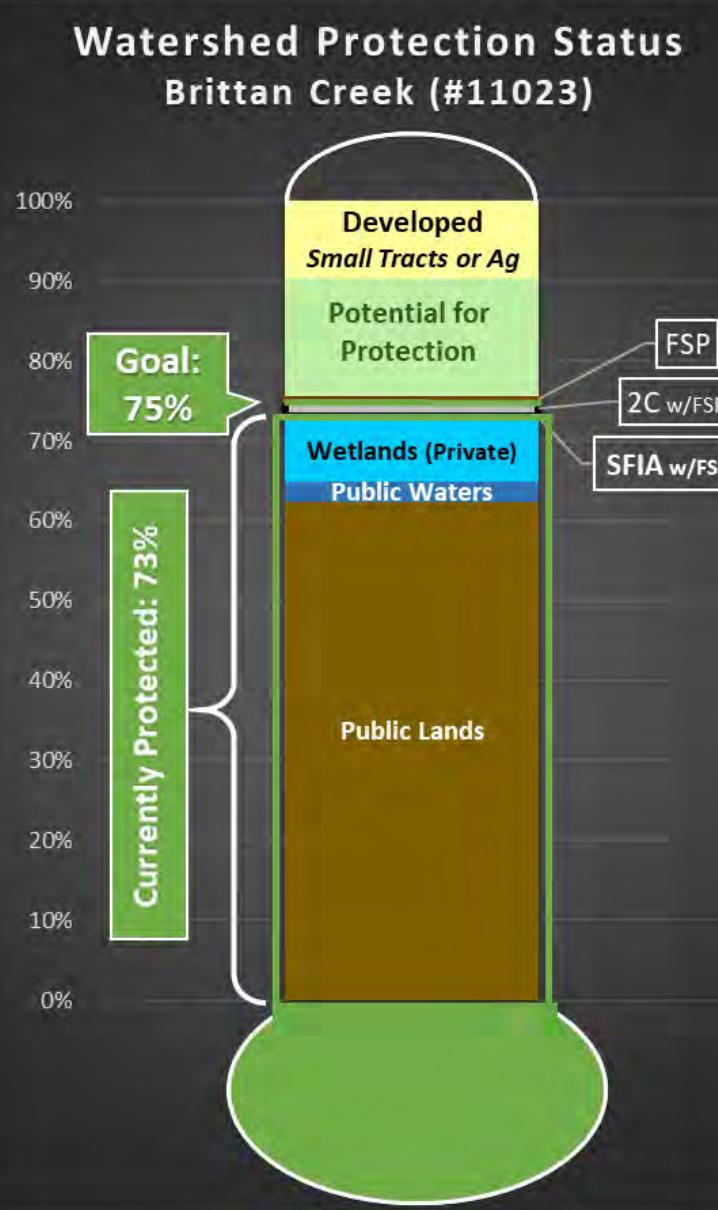
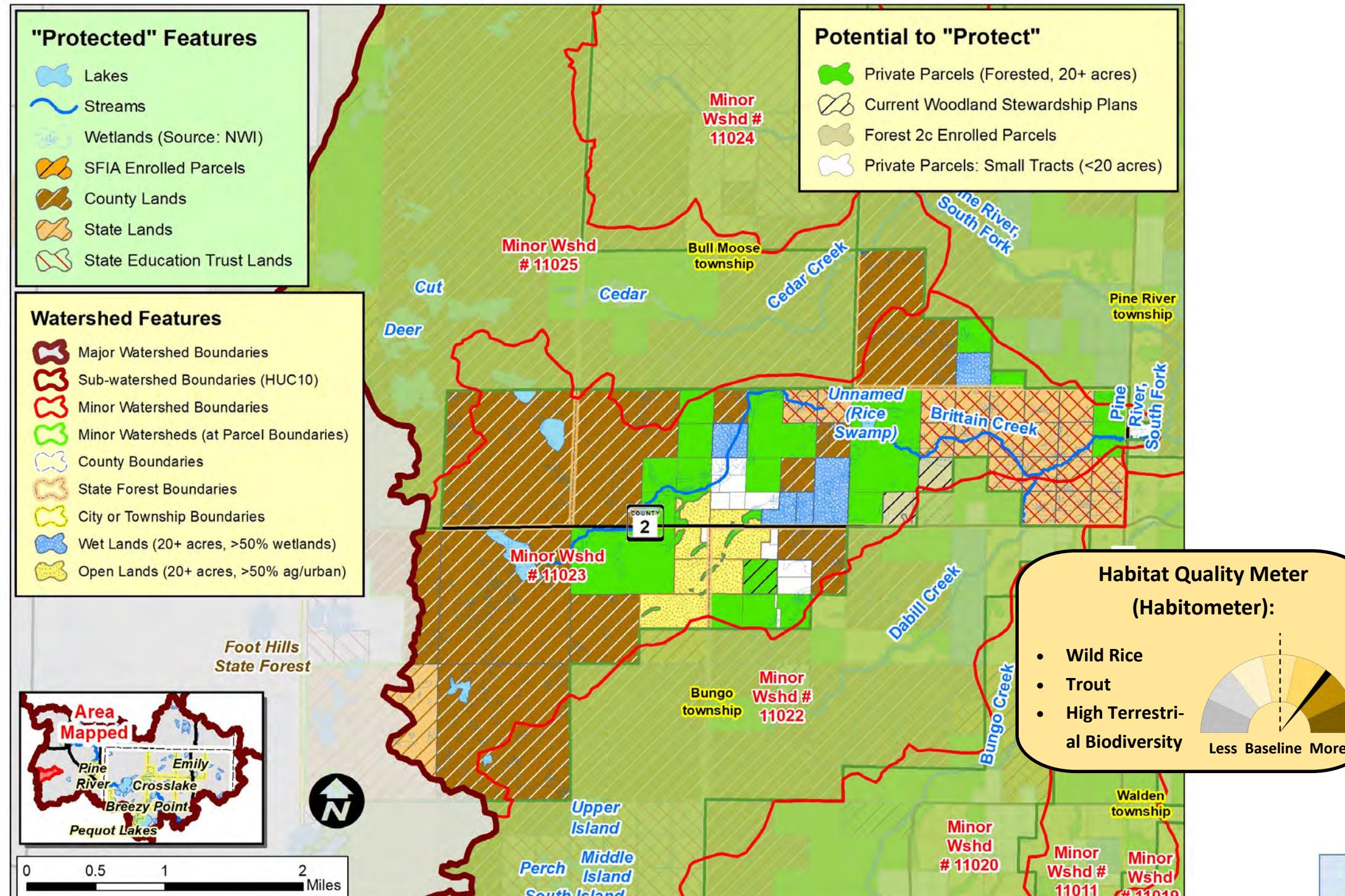
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

Implementation Toolbox

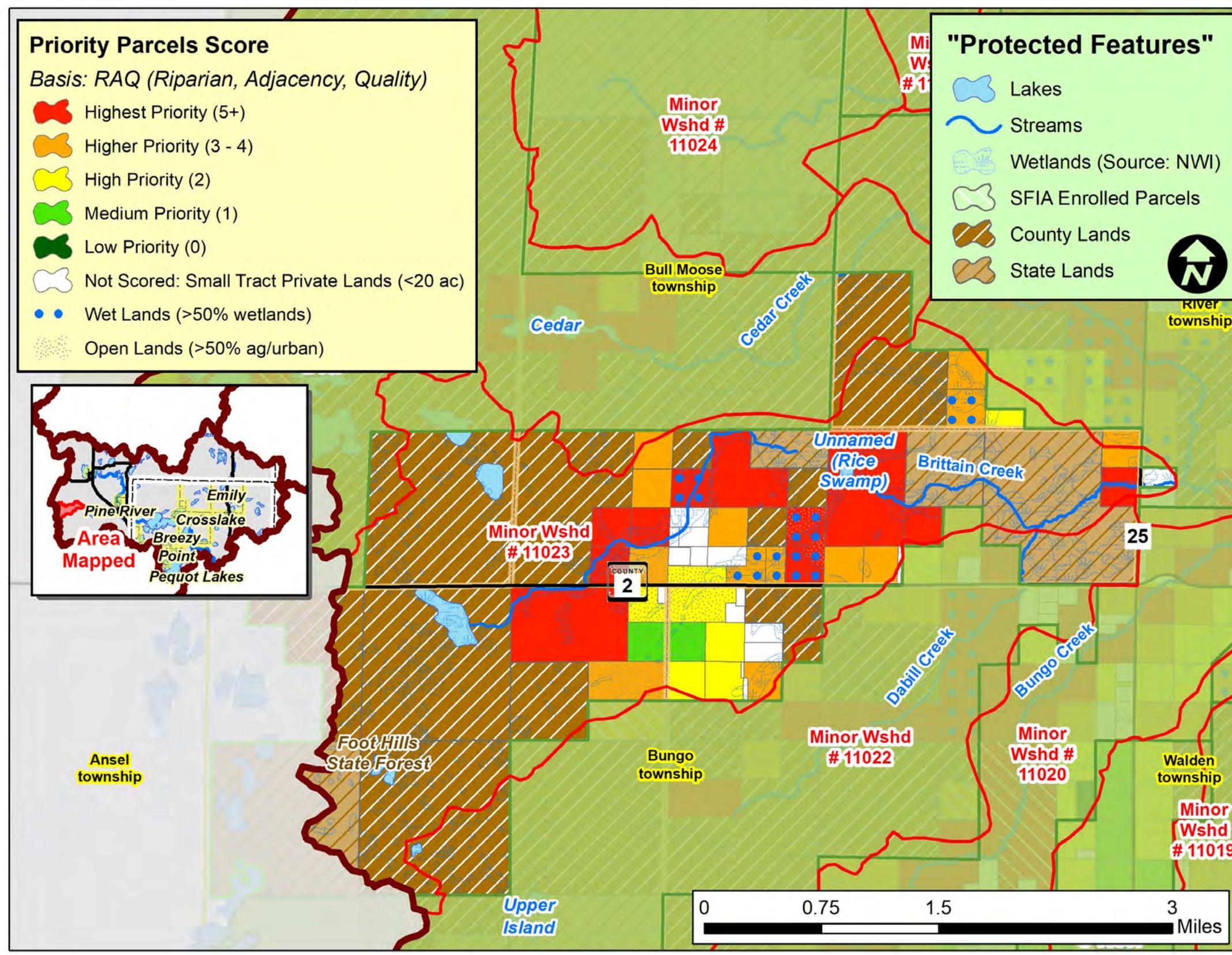
Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance • Factsheets • Poster / Mailers • Workshops • Website / Social Media	Specific Advice & Assistance • Site Visits • Plans: - Landscape Stewardship - Timber Stand Improvement (Thinning)	Grants & Cost-share Projects Forest Management • Tree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

Lower Costs, Less Permanent Options Higher Costs, More Permanent

What is the Potential to Protect the Brittan Creek Minor Watershed (Minor #11023)?



RAQ Scoring for Parcels in the Brittan Creek Minor Watershed (Minor #11023)



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:

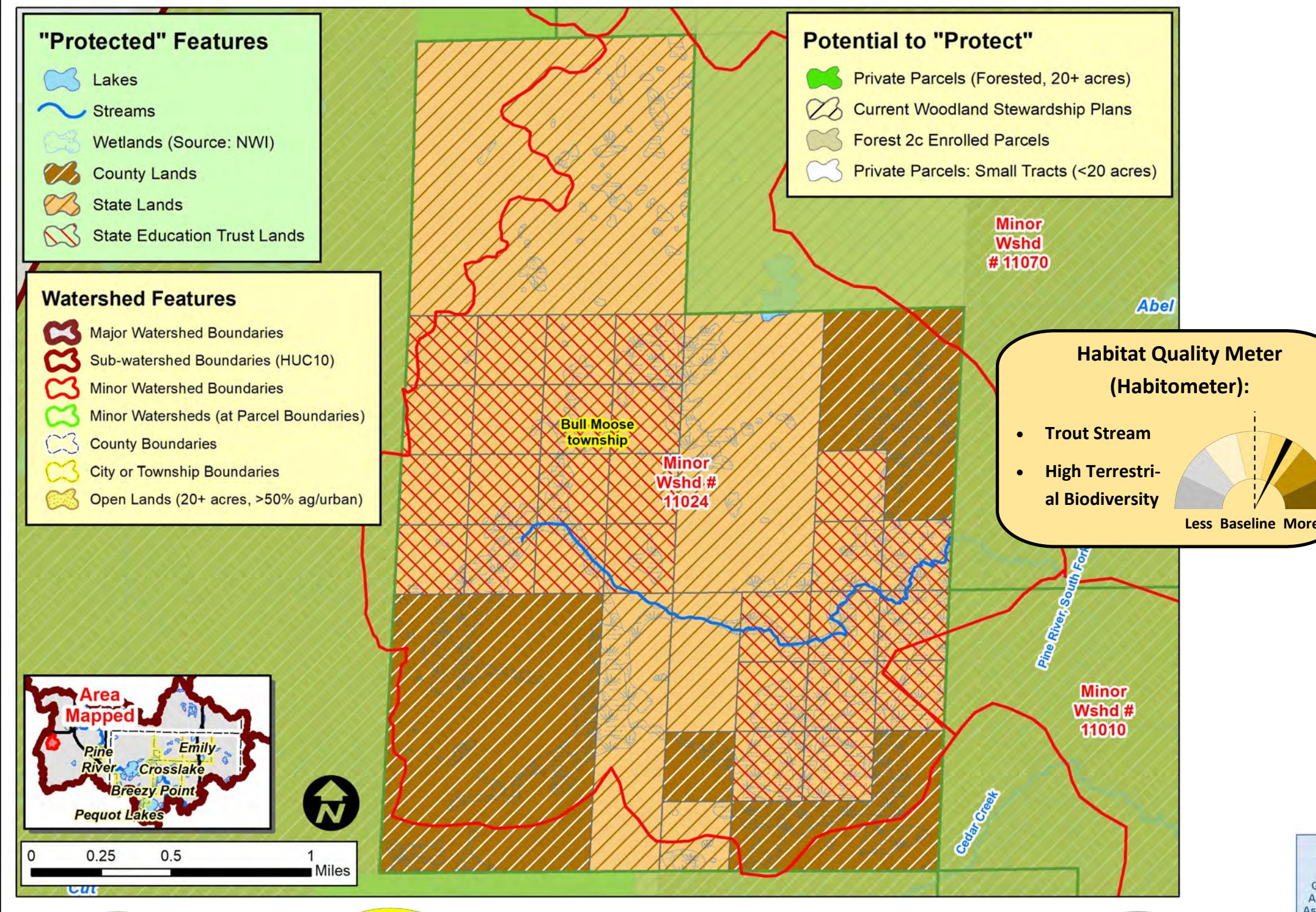
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

Implementation Toolbox

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

← Lower Costs, Less Permanent → Higher Costs, More Permanent →

What is the Potential to Protect the South Fork Headwaters Minor Watershed (Minor #11024)?



Water Quality Trends:

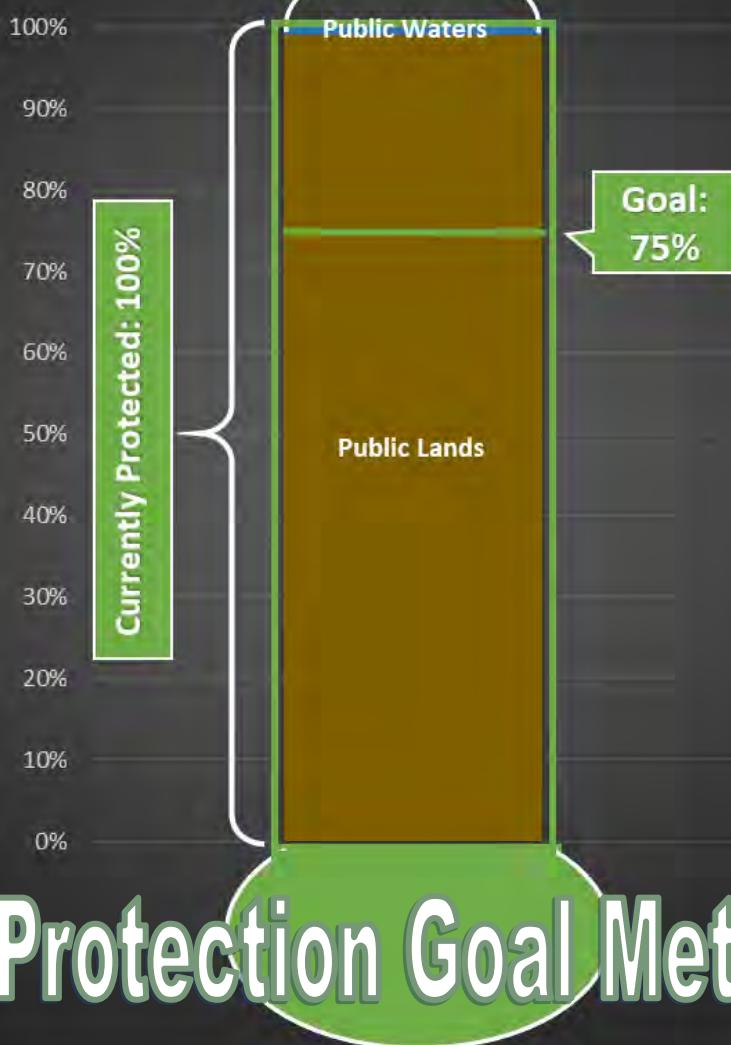
Improving: None

Declining/Impaired: None

Stable (No Trend): None



Watershed Protection Status South Fork Headwaters (#11024)



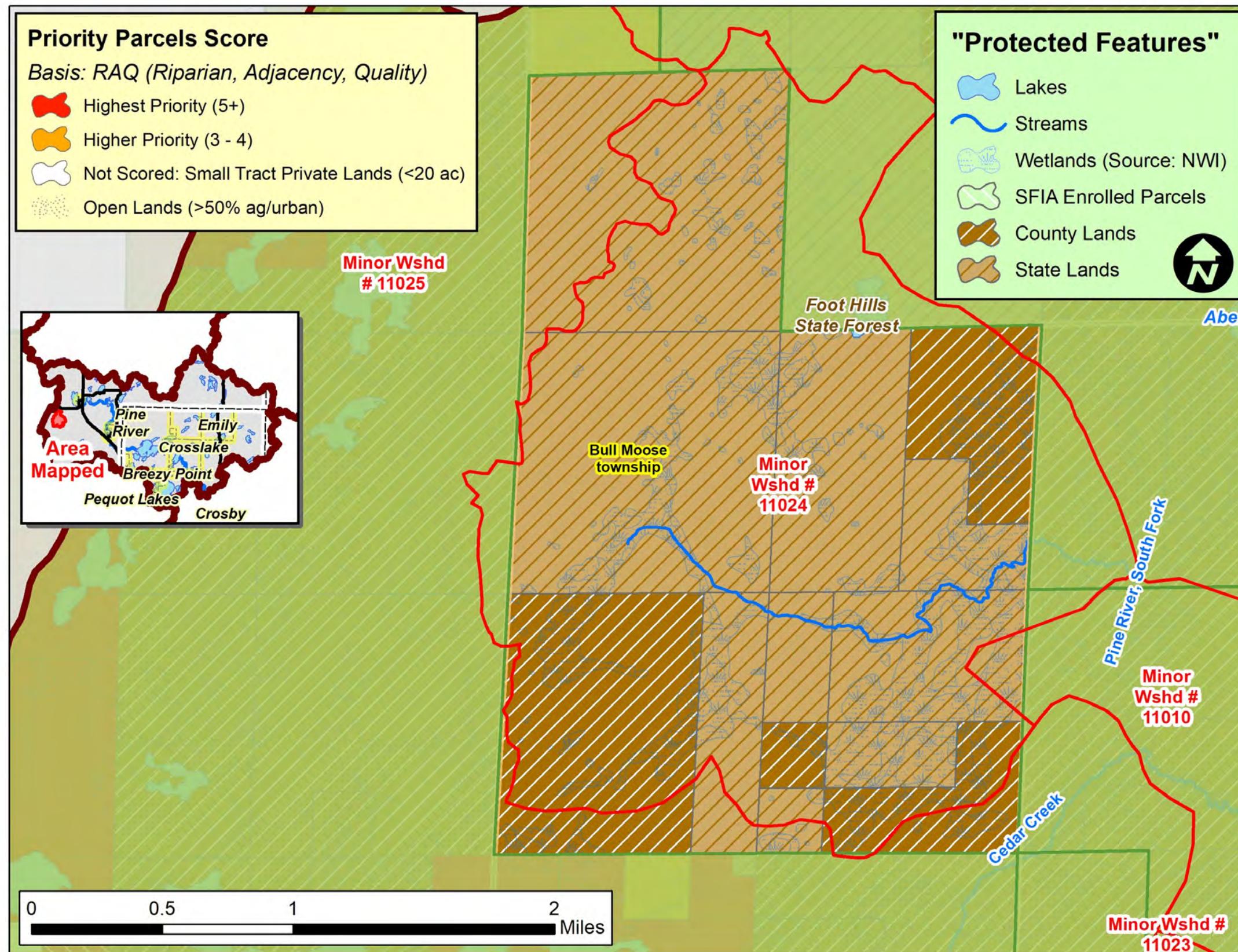
Implementation Toolbox

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

Options

Lower Costs, Less Permanent Higher Costs, More Permanent

RAQ Scoring for Parcels in the South Fork Headwaters Minor Watershed (Minor #11024)



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:

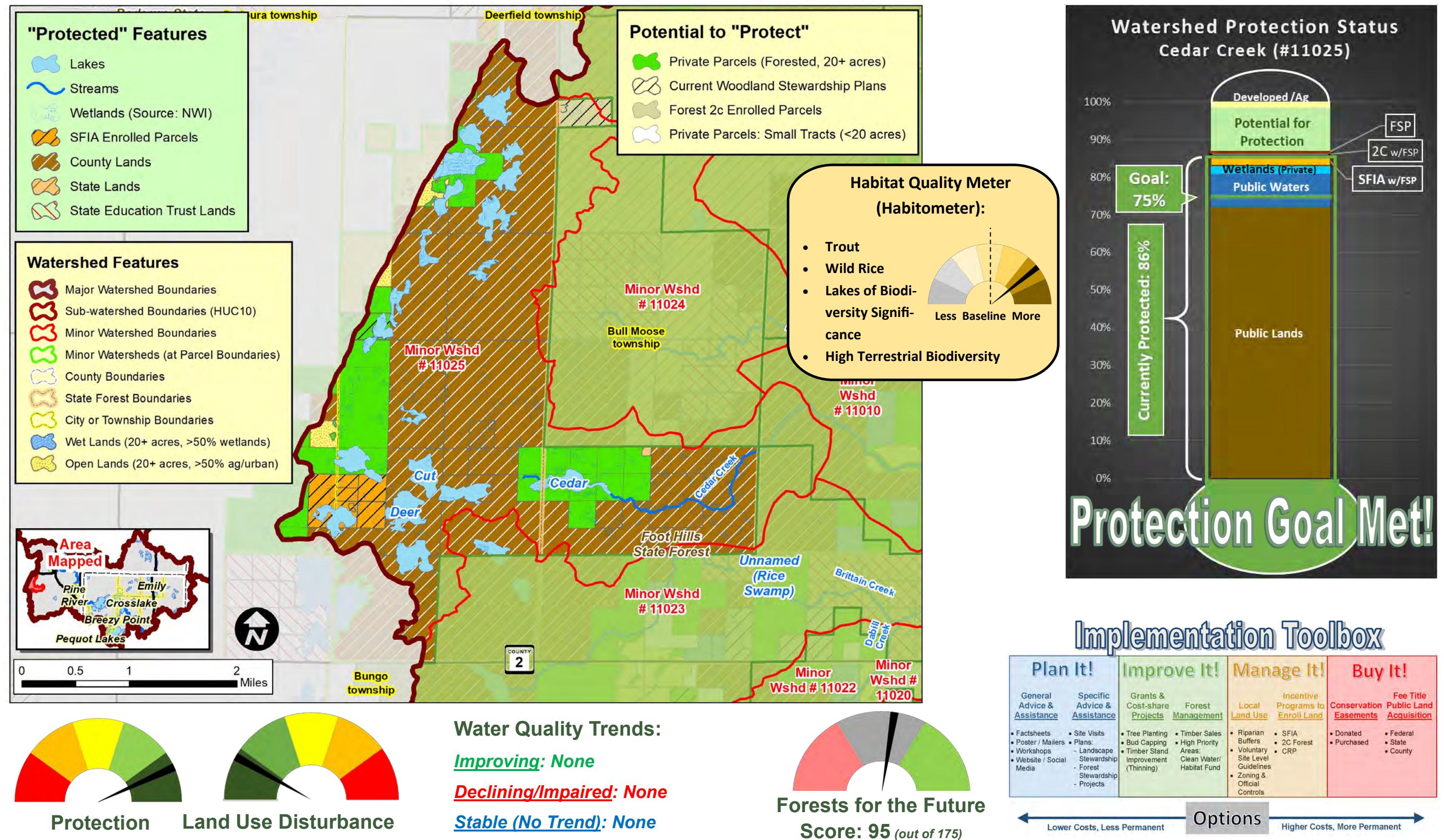
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

Implementation Toolbox

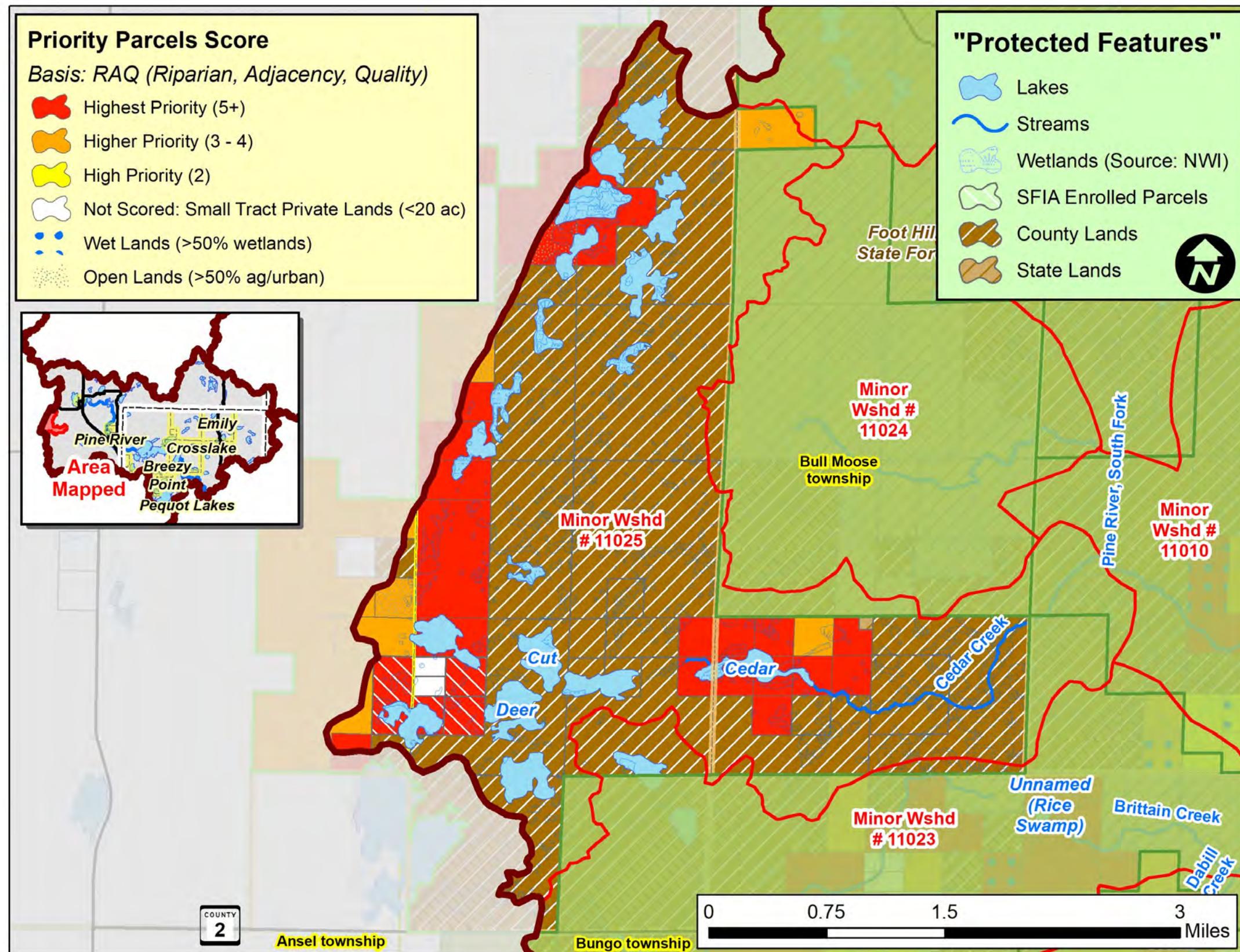
Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance • Factsheets • Poster / Mailers • Workshops • Website / Social Media	Specific Advice & Assistance • Site Visits • Bud Capping • Timber Sales • Landscape Stewardship Projects • Timber Stand Improvement (Thinning) • Forest Stewardship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

Lower Costs, Less Permanent Options Higher Costs, More Permanent

What is the Potential to Protect the Cedar Creek Minor Watershed (Minor #11025)?



RAQ Scoring for Parcels in the Cedar Creek Minor Watershed (Minor #11025)



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:

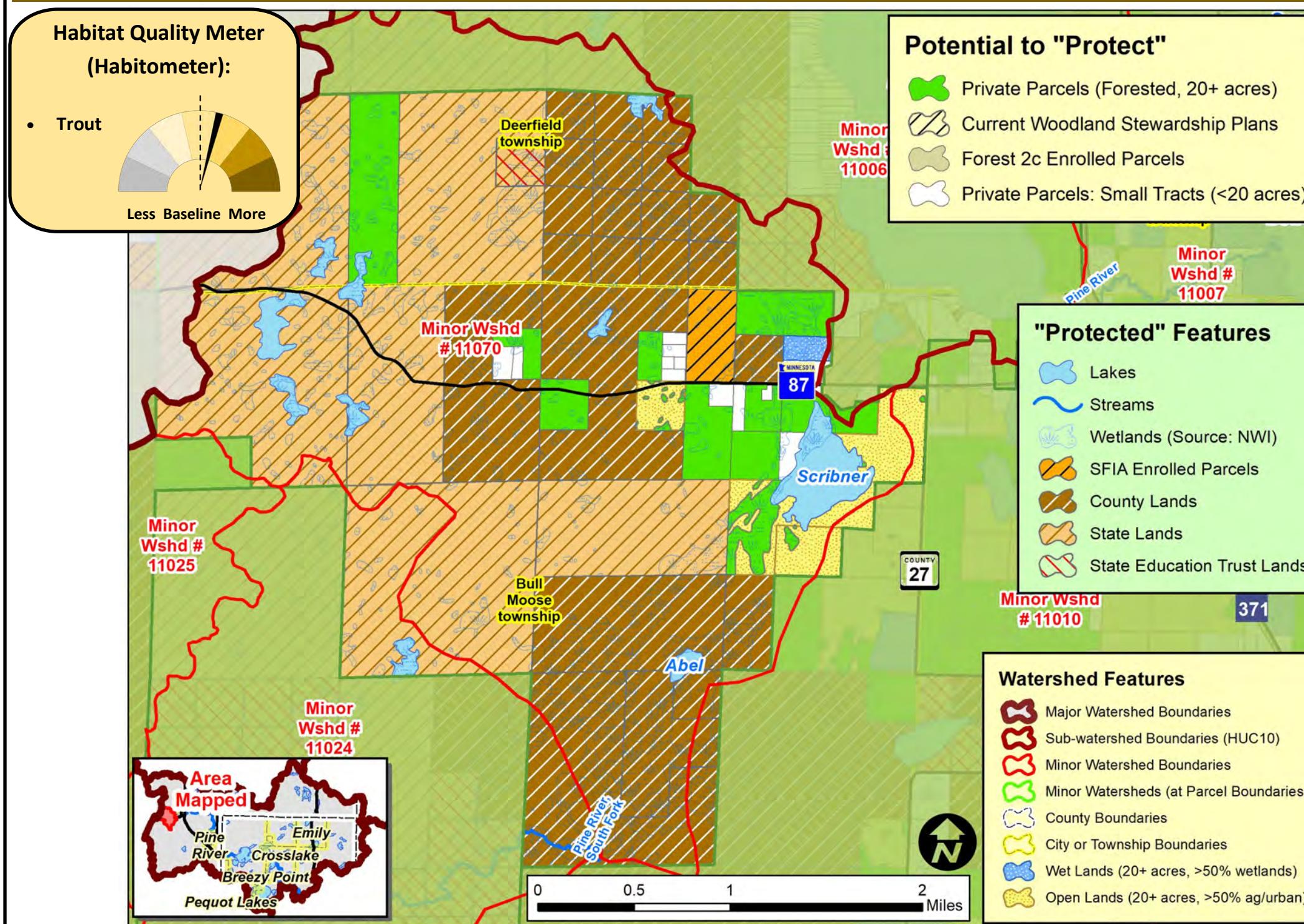
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

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 • Bud Capping • Timber Sales • High Priority Areas • Landscape Stewardship • Forest Management • Forest Stand Improvement (Thinning)	Grants & Cost-share Projects • Tree Planting • Timber Sales • Forest Management • Forest Stand Improvement (Thinning)	Local Land Use • Riparian Buffers • SFIA • 2C Forest • CRP • Voluntary • Site Level • Guidelines • Zoning & Official • Controls
• Site Visits • Plans: - Landscape - Stewardship - Forest - Management - Projects	• Timber Sales • High Priority Areas • Landscape - Stewardship - Forest - Management - Projects	• Tree Planting • Bud Capping • Timber Sales • High Priority Areas • Landscape - Stewardship - Forest - Management - Projects	• SFIA • 2C Forest • CRP • Voluntary • Site Level • Guidelines • Zoning & Official • Controls

Lower Costs, Less Permanent Options Higher Costs, More Permanent

What is the Potential to Protect the Scribner Lake Minor Watershed (Minor #11070)?



Potential to "Protect"

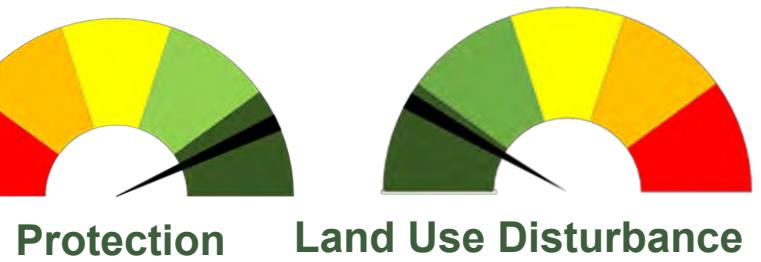
- Private Parcels (Forested, 20+ acres)
- Current Woodland Stewardship Plans
- Forest 2c Enrolled Parcels
- Private Parcels: Small Tracts (<20 acres)

"Protected" Features

- Lakes
- Streams
- Wetlands (Source: NWI)
- SFIA Enrolled Parcels
- County Lands
- State Lands
- State Education Trust Lands

Watershed Features

- Major Watershed Boundaries
- Sub-watershed Boundaries (HUC10)
- Minor Watershed Boundaries
- Minor Watersheds (at Parcel Boundaries)
- County Boundaries
- City or Township Boundaries
- Wet Lands (20+ acres, >50% wetlands)
- Open Lands (20+ acres, >50% ag/urban)



Water Quality Trends:

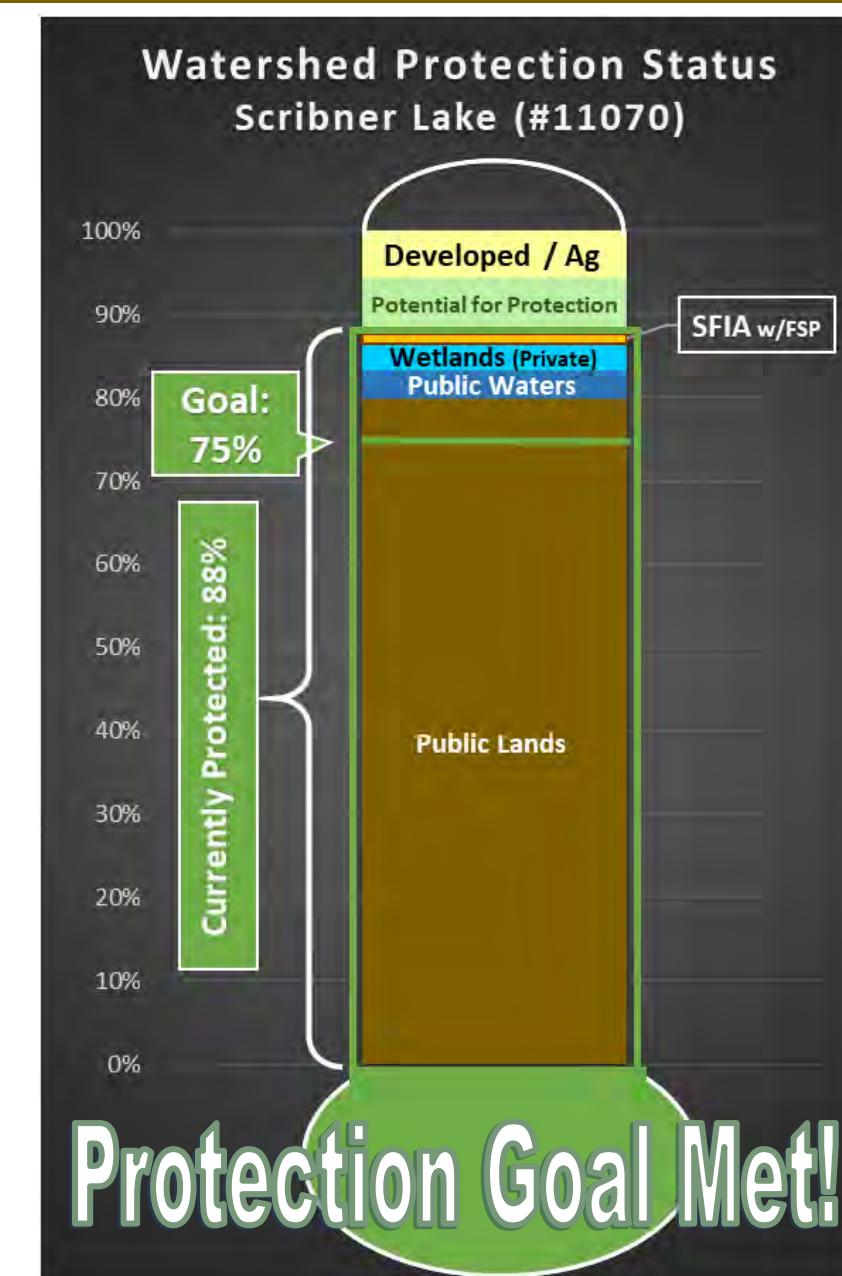
Improving: None

Declining/Impaired: None

Stable (No Trend): None



Watershed Protection Status Scribner Lake (#11070)



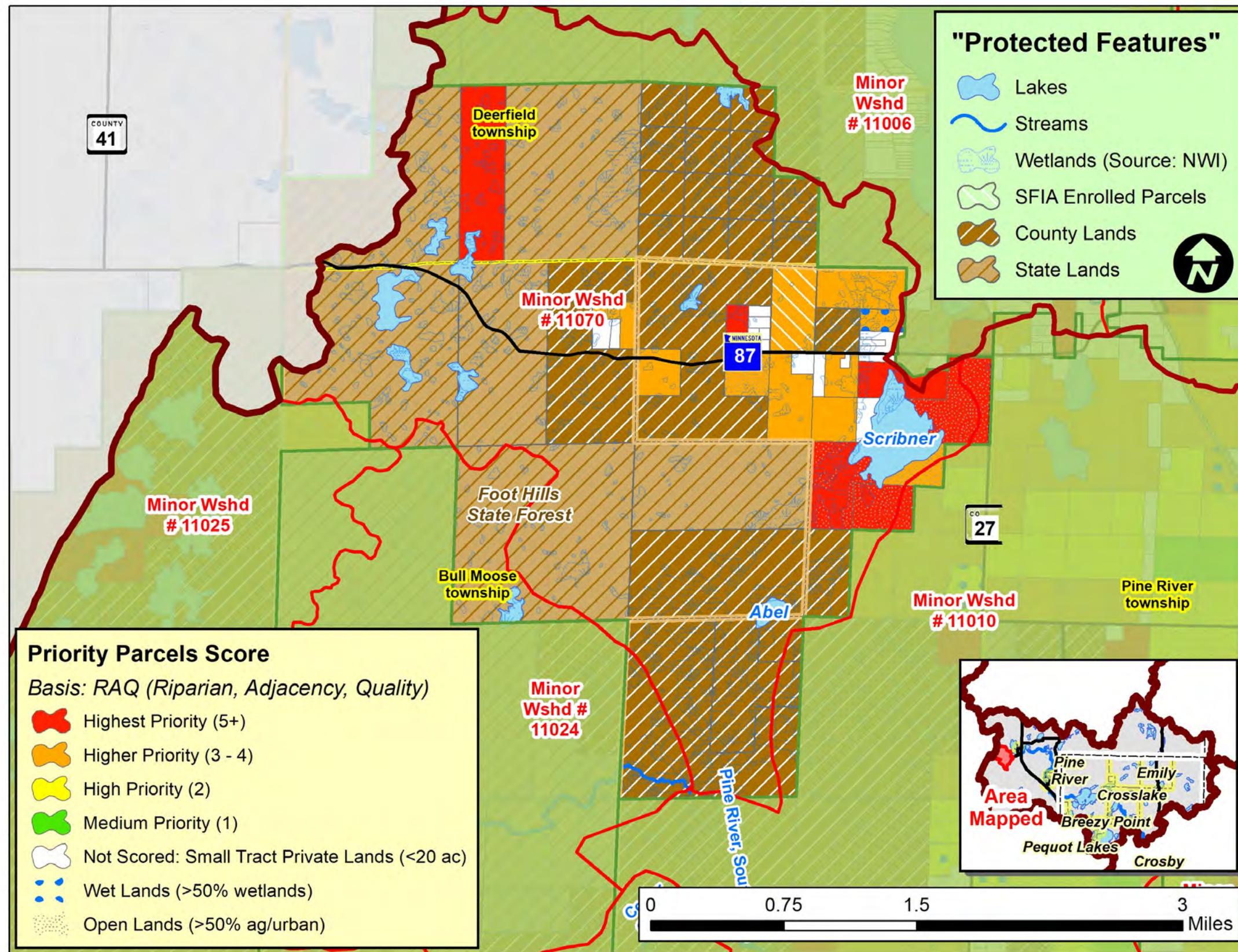
Implementation Toolbox

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

Options

Lower Costs, Less Permanent Higher Costs, More Permanent

RAQ Scoring for Parcels in the Scribner Lake Minor Watershed (Minor #11070)



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

