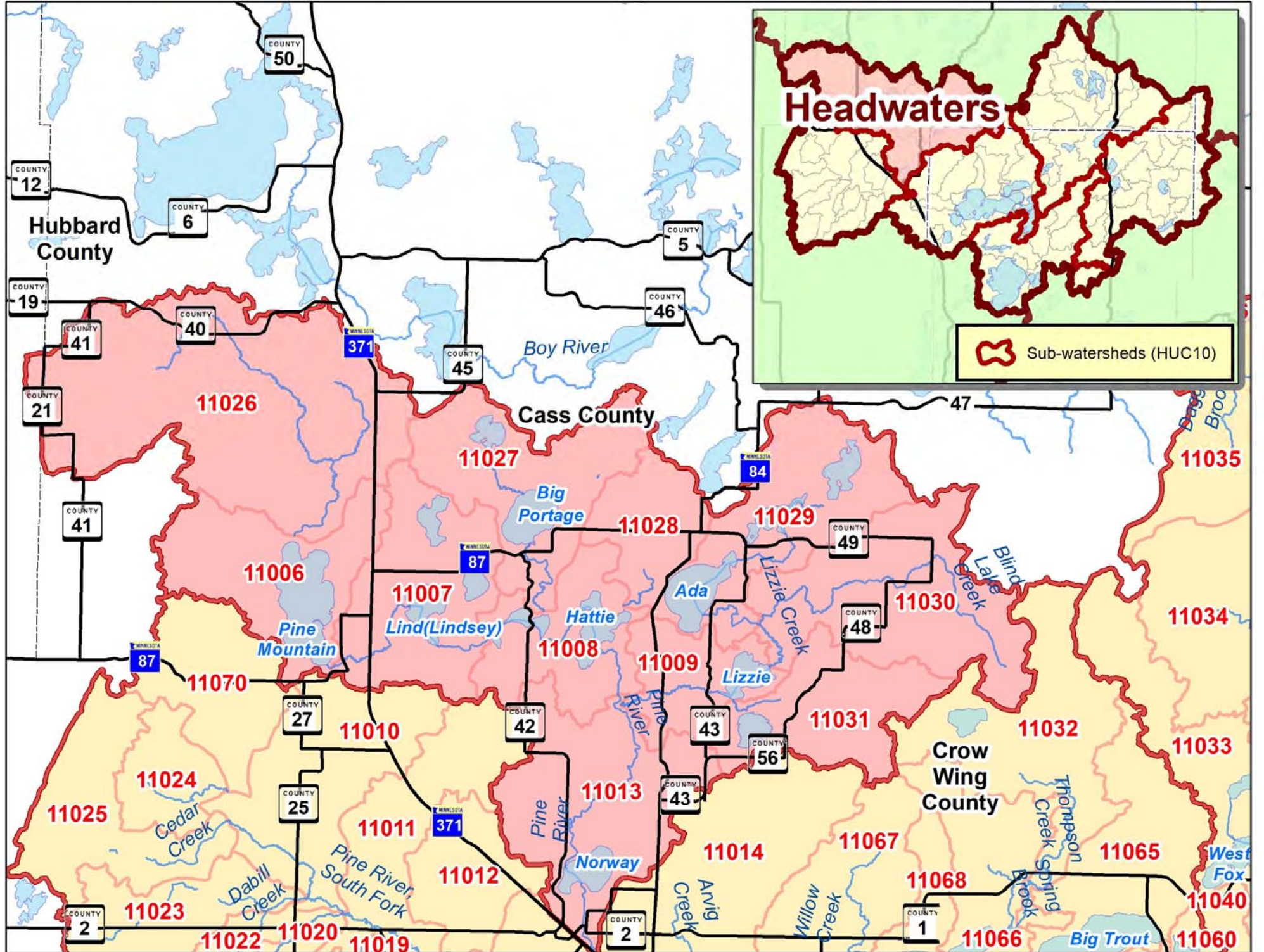


Headwaters Sub-watershed

Minor Watershed #	Minor Watershed Name
11006	Pine Mountain Lake
11007	Pine River (Lind Lake)
11008	Pine River (Lake Hattie)
11009	Lizzie Lake
11013	Pine River / Norway Lake
11026	Stony Creek
11027	Big Portage Lake
11028	Tamarack Lake
11029	Lake Ada
11030	Blind Lake Creek
11031	Jail Lake



Basics			Risk / Disturbance					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		
11006	7,696	12		Higher	14.2%	53.5%	15%	Lakes of Bio- diversity Significance, Wild Rice	Protection / Vigilance	75%	\$941	Goal Met	853	<div><div></div></div> 40%	<div><div></div></div> 3%	101.8	Moderate- High	<div><div></div></div> 21%	<div><div></div></div> 38%	<div><div></div></div> 7%	<div><div></div></div> 7%		
11007	8,457	13	Declining Water Quality Trend, Feedlot (1)	Highest	9.6%	0.0%	24%	Lakes of Bio- diversity Significance, Wild Rice	Protection / Full Restoration	41%	\$1,246	2845	2043	<div><div></div></div> 31%	<div><div></div></div> 6%	96.6	Moderate	<div><div></div></div> 54%	<div><div></div></div> 13%	<div><div></div></div> 9%	<div><div></div></div> 7%		
11008	5,895	9		High	13.2%	0.0%	12%	Lakes of Bio- diversity Significance, Wild Rice	Protection	64%	\$1,572	635	1128	<div><div></div></div> 45%	<div><div></div></div> 18%	98.3	Moderate- High	<div><div></div></div> 52%	<div><div></div></div> 14%	<div><div></div></div> 11%	<div><div></div></div> 8%		
11009	4,087	6		High	7.4%	15.1%	20%	Lakes of Bio- diversity Significance, Wild Rice	Protection	44%	\$1,770	1255	1053	<div><div></div></div> 39%	<div><div></div></div> 17%	98.4	Moderate	<div><div></div></div> 55%	<div><div></div></div> 5%	<div><div></div></div> 10%	<div><div></div></div> 14%		
11013	10,617	17	Declining Water Quality Trend	Higher	10.9%	0.0%	33%	Lakes of Bio- diversity Significance, Wild Rice	Protection / Full Restoration	31%	\$1,392	4695	2974	<div><div></div></div> 24%	<div><div></div></div> 7%	89.9	Moderate- High	<div><div></div></div> 69%	<div><div></div></div> 11%	<div><div></div></div> 7%	<div><div></div></div> 7%		
11026	20,541	32		Higher	13.3%	0.0%	15%	Lakes of Bio- diversity Significance, Wild Rice	Protection / Vigilance	74%	\$771	251	2941	<div><div></div></div> 45%	<div><div></div></div> 2%	102.8	Moderate- High	<div><div></div></div> 31%	<div><div></div></div> 40%	<div><div></div></div> 14%	<div><div></div></div> 9%		
11027	8,642	14	Declining Water Quality Trend	Higher and Highest	15.5%	0.0%	14%	Cisco, Lakes of Biodiversity Significance, Trout, Wild Rice	Protection / Vigilance	58%	\$1,230	1447	1560	<div><div></div></div> 43%	<div><div></div></div> 5%	97.1	Moderate- High	<div><div></div></div> 40%	<div><div></div></div> 27%	<div><div></div></div> 5%	<div><div></div></div> 6%		
11028	3,909	6		Highest	5.1%	0.0%	32%	Lakes of Biodiversity Significance	Protection	23%	\$1,757	2029	1325	<div><div></div></div> 32%	<div><div></div></div> 9%	91.1	High	<div><div></div></div> 67%	<div><div></div></div> 6%	<div><div></div></div> 14%	<div><div></div></div> 6%		
11029	8,771	14		Higher	6.9%	0.0%	11%	Lakes of Bio- diversity Significance, Wild Rice	Protection / Vigilance	71%	\$1,191	393	1142	<div><div></div></div> 37%	<div><div></div></div> 5%	95.0	Moderate- High	<div><div></div></div> 33%	<div><div></div></div> 15%	<div><div></div></div> 6%	<div><div></div></div> 21%		
11030	10,745	17			7.9%	8.3%	16%		Protection	69%	\$885	640	2208	<div><div></div></div> 58%	<div><div></div></div> 6%	99.9	Moderate	<div><div></div></div> 19%	<div><div></div></div> 45%	<div><div></div></div> 19%	<div><div></div></div> 14%		
11031	6,151	10	Impaired	Highest	8.3%	0.0%	18%		Protection	74%	\$570	72	959	<div><div></div></div> 56%	<div><div></div></div> 5%	93.8	Moderate	<div><div></div></div> 25%	<div><div></div></div> 47%	<div><div></div></div> 13%	<div><div></div></div> 6%		

Sub-watershed (HUC10): Headwaters

Geomorphology: St. Croix Moraine / Outwash
Primary Land Cover: Mixed Conifer-Hardwood Forest with Abundant Lakes
Primary Land Uses: Water-based Tourism, Hunting/Recreation, Forestry
Lake or Stream Based: Lake & Stream
Quality: Numerous small-medium sizes lakes with abundant fish and wildlife (+ wild rice)
Risks: Development of remaining large tracts or conversion to open lands
Management Mode(s): Active
Acres Needed for Goal: 10,610
Cost to Achieve Goal: \$10,651,811 Cost /minor watershed = \$968,346

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 Prot. Goal	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 Trend, Impaired)	Other Risk (Noted Below):	Forest Steward-ship Plans, Advice	Grants and Cost-share Projects: Near shore	Grants and Cost-share Projects: Watershed	Private Forest Manage-ment	Convey-ance Systems	Local Land Use	Land Swaps / Trust Land Mgmt (Public Lands)	Incentive Programs (SFIA, 2C, CRP)	Conservation Easements	Fee Title Acquisition
11006	Pine Mountain Lake	7,696	Lake	75%	75%	0	853	\$0	Protection	Vigilance	Opportunism	MH	X	X	X	X	X	X	High Bio-diversity	4.55		X			X		X	X	X	X		X	X			
11007	Pine River (Lind Lake)	8,457	Lake / Stream	60%	41%	1577	2043	\$1,516,151	Protection	Full Restoration	Active: Development Priority	FD	X	X	X	X	X	X	High Bio-diversity	3.75	X	X	X		X		X	X	X	X		X		X	X	Local Decision
11008	Pine River (Lake Hattie)	5,895	Lake / Stream	75%	64%	635	1128	\$672,820	Protection		Active	FD	X	X	X	X	X	X	High Bio-diversity	4.75	X	X					X	X	X	X		X	X	X	X	Local Decision
11009	Lizzie Lake	4,087	Lake	70%	44%	1051	1053	\$1,175,777	Protection		Active	FD	X	X	X	X	?	X	High Bio-diversity	3.9	X	X					X	X	X	X		X		X	X	Local Decision
11013	Pine River / Norway Lake	10,617	Lake / Stream	60%	31%	3103	2974	\$3,119,040	Protection	Full Restoration	Active	FD	X	X	X	X	?	X	High Bio-diversity	2.8	X	X	X		X		X	X	X	X	X	X	X	X	X	Local Decision
11026	Stony Creek	20,541	Lake / Stream	75%	74%	251	2941	\$205,281	Protection	Vigilance	Opportunism	FD/MH	X	X	X		?	X	High Bio-diversity	3.9	X	X			X		X	X	X	X			X	X	X	
11027	Big Portage Lake	8,642	Lake	75%	58%	1447	1560	\$1,384,191	Protection	Vigilance	Active: Large-tract Priority	FD/MH	X	X	X	X	X	X	High Bio-diversity	3.5	X	X			X		X	X	X	X		X	X	X	X	Local Decision
11028	Tamarack Lake	3,909	Lake	60%	23%	1442	1325	\$1,607,509	Protection		Active	FD		X	X	X	?	?	High Bio-diversity	3	X	X	X		X		X	X	X	X		X		X	X	Local Decision
11029	Lake Ada	8,771	Lake	75%	71%	393	1142	\$370,913	Protection	Vigilance	Active: Large-tract Priority	FD	X	X	X	X	X	X	High Bio-diversity	4.25	X	X			X		X	X	X	X		X	X	X	X	Local Decision
11030	Blind Lake Creek	10,745	Stream	75%	69%	640	2208	\$545,854	Protection		Active	MH	X		X	X	?	?	?	3.5	X	X					X	X	X	X		X	X	X	X	Local Decision
11031	Jail Lake	6,151	Lake	75%	74%	72	959	\$54,275	Protection		Active: Grazing Priority	FD/MH			X	X	?	?	?	3.4	X	X	X		X		X	X	X	X		X	X	X	X	

Assumes 50/50 split of acres needed between Easement (@60% of land value) and SFIA (cost for 100 years)

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

X = 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

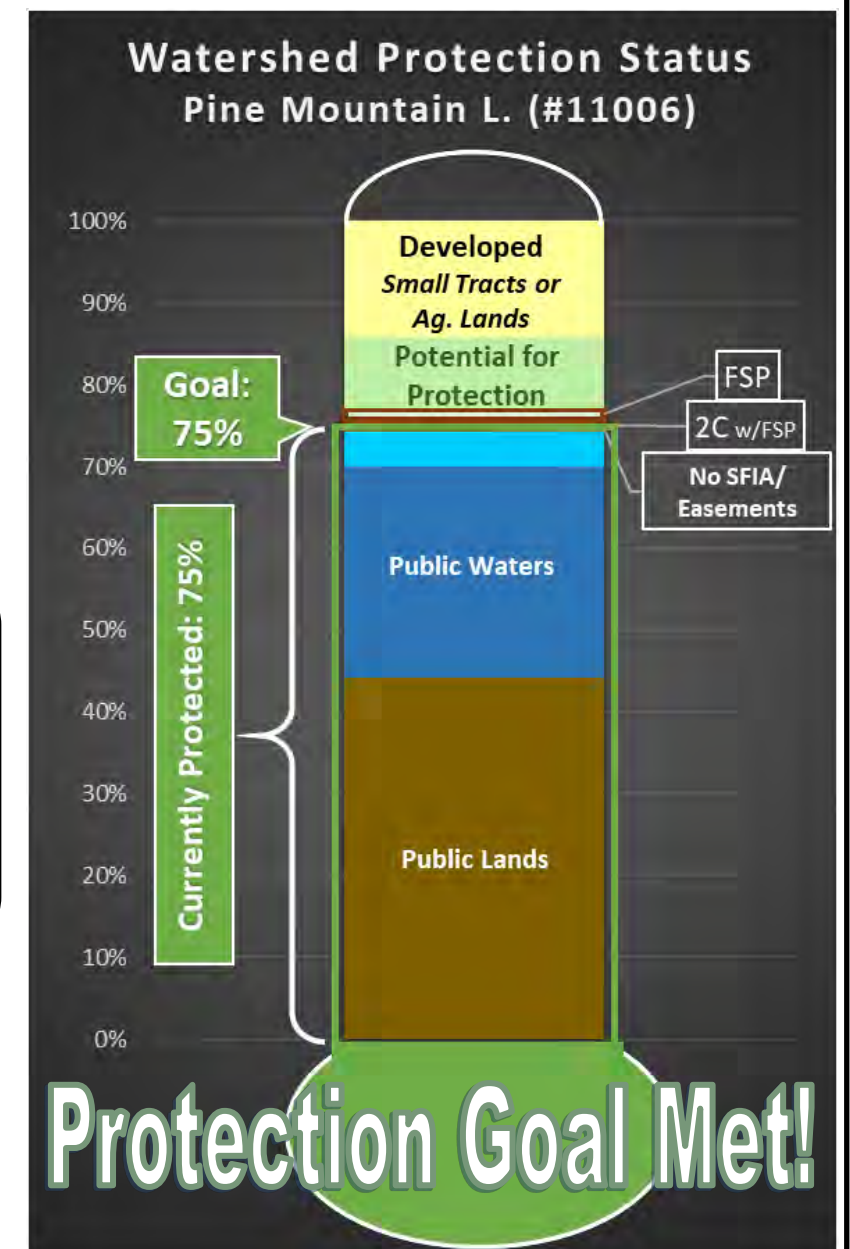
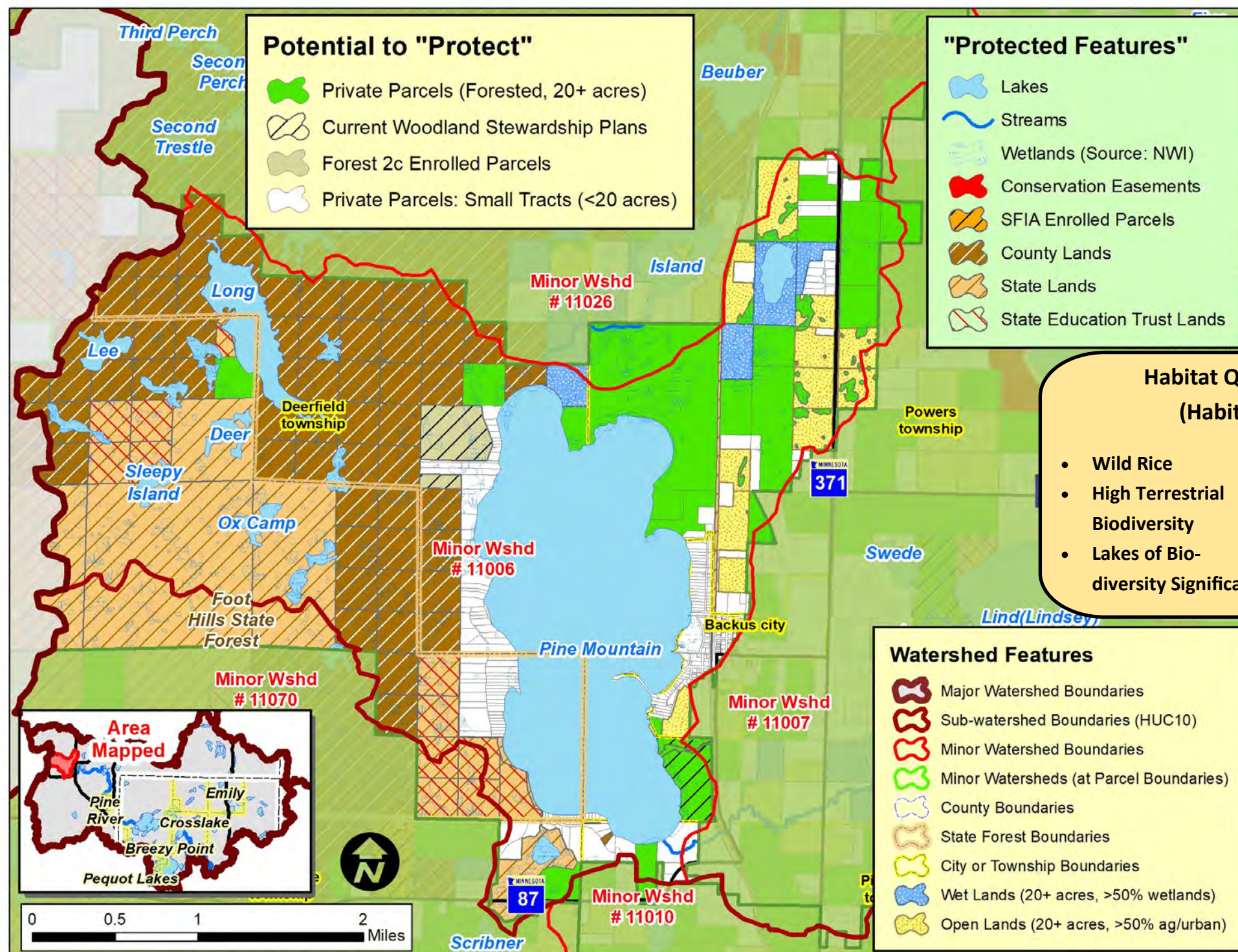
X = wellhead protection area or outwash soils are present

X = trout, cisco/tullibee, game fish, etc. WR = wild rice

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
X = High land use disturbance (>25%) or known grazing/ cattle concerns

What is the Potential to Protect the Pine Mountain Lake Minor Watershed (Minor #11006) ?



Protection



Land Use Disturbance

Water Quality Trends:

Improving: None

Declining/Impaired: None

Stable (No Trend): Pine Mountain L.



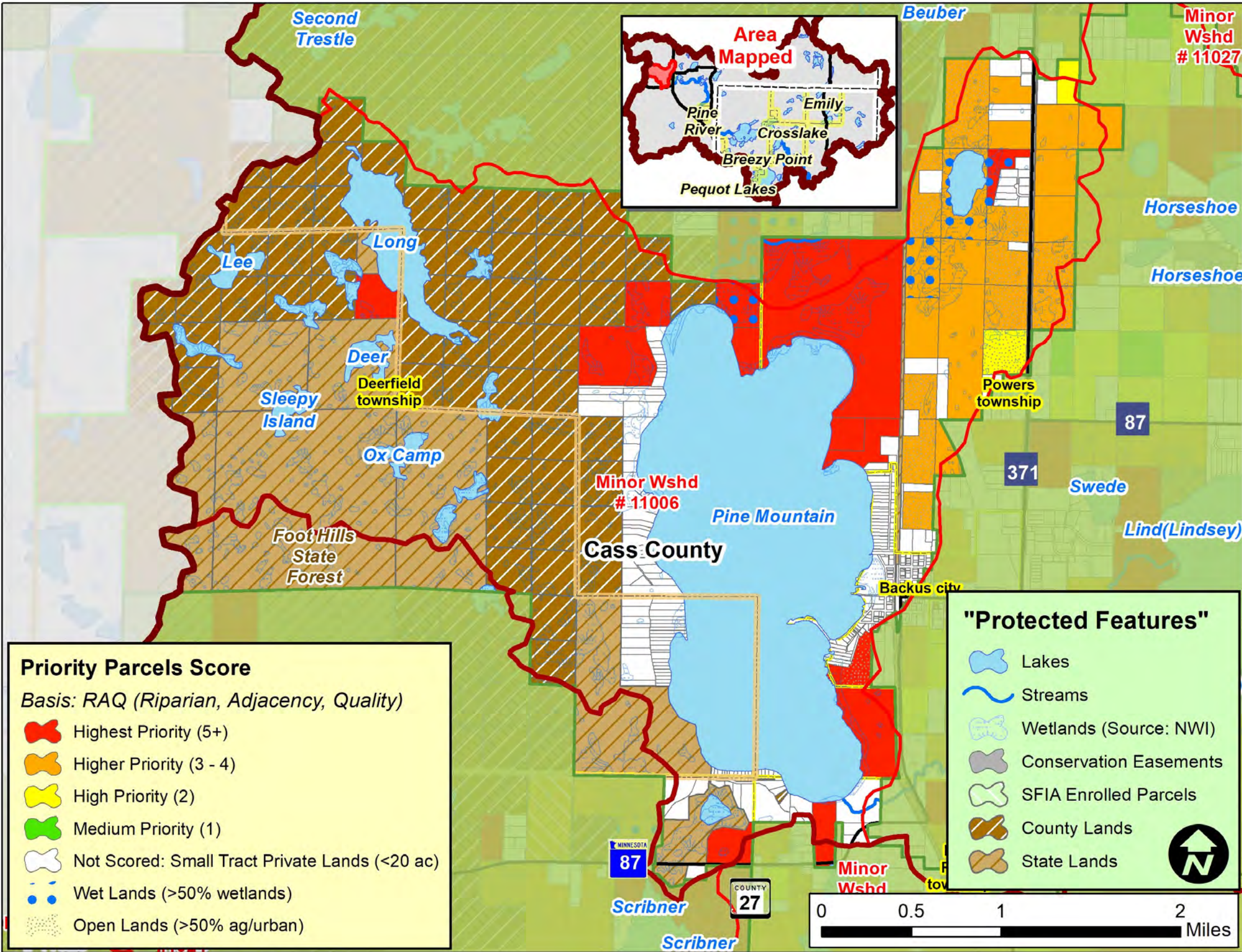
Forests for the Future
Score: 102 (out of 175)

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
			Conservation Easements <ul style="list-style-type: none"> Donated Purchased Fee Title 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 Mountain L. Minor Watershed (Minor #11006)



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,
	2	
	1	

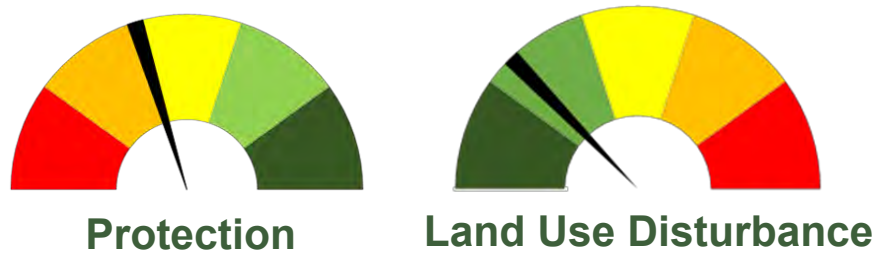
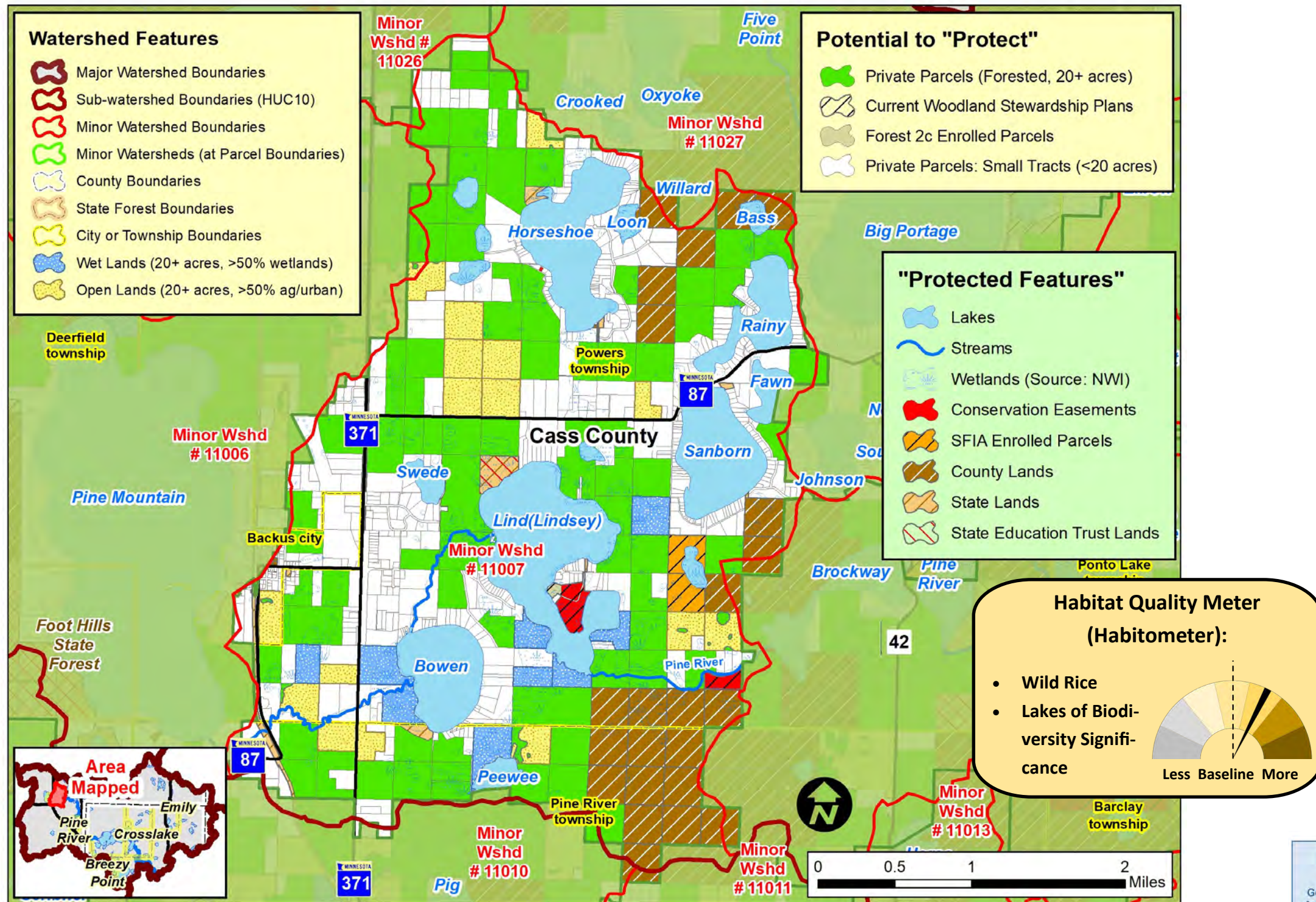
* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- 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 Pine River (Lind L.) Minor Watershed (Minor #11007) ?

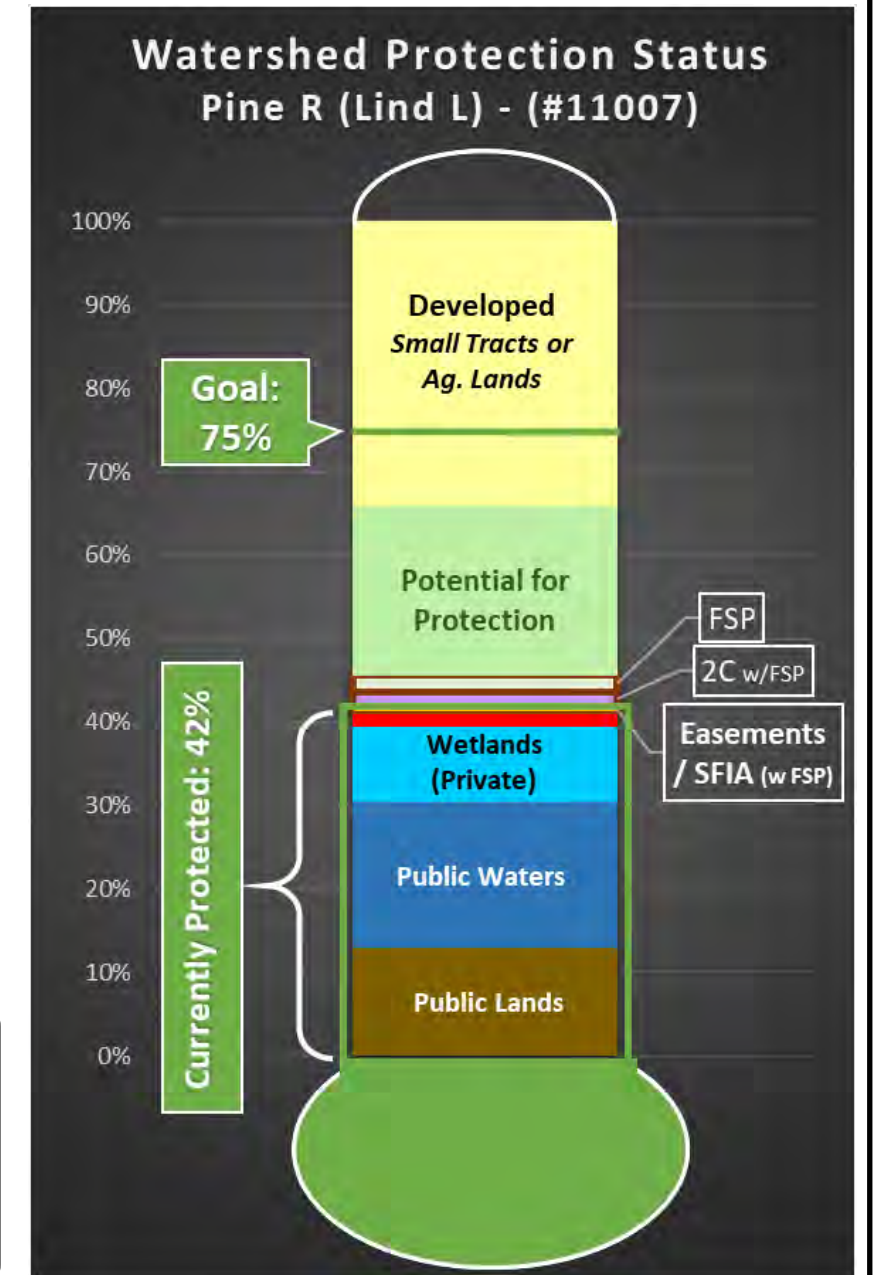
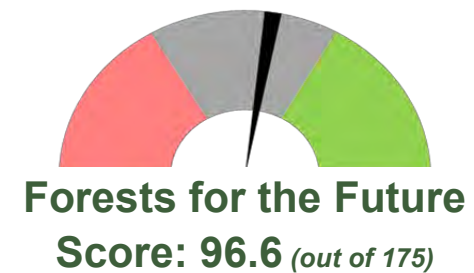


Water Quality Trends:

Improving: Sanborn, Horseshoe

Declining: Rainy

Other lakes were not assessed



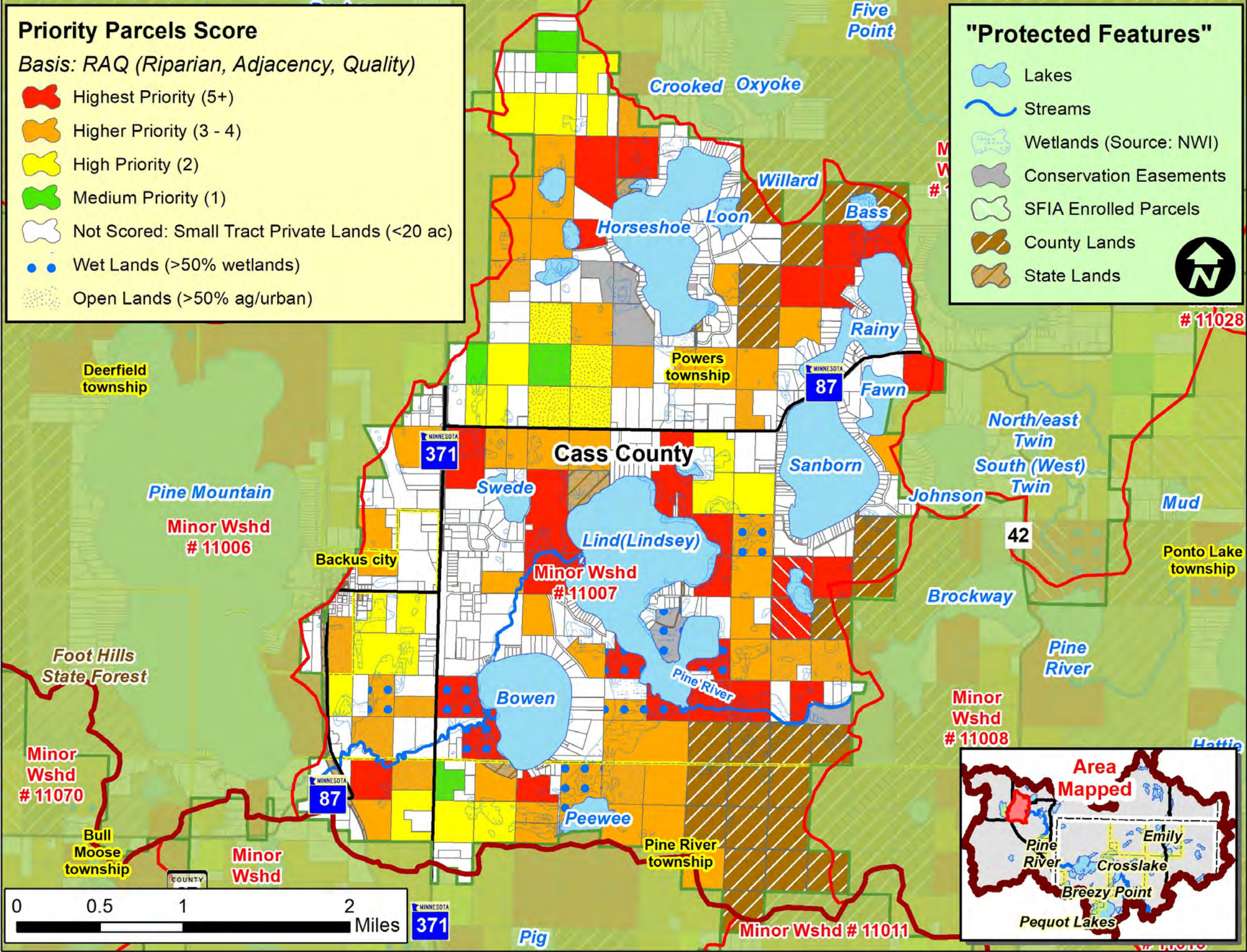
Implementation Toolbox

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"> Landscaping 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

Options

Lower Costs, Less Permanent Higher Costs, More Permanent

RAQ Scoring for Parcels in the Pine River (Lind L.) Minor Watershed (Minor #11007)



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	

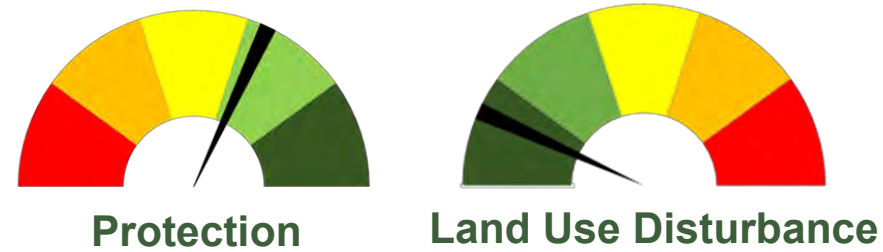
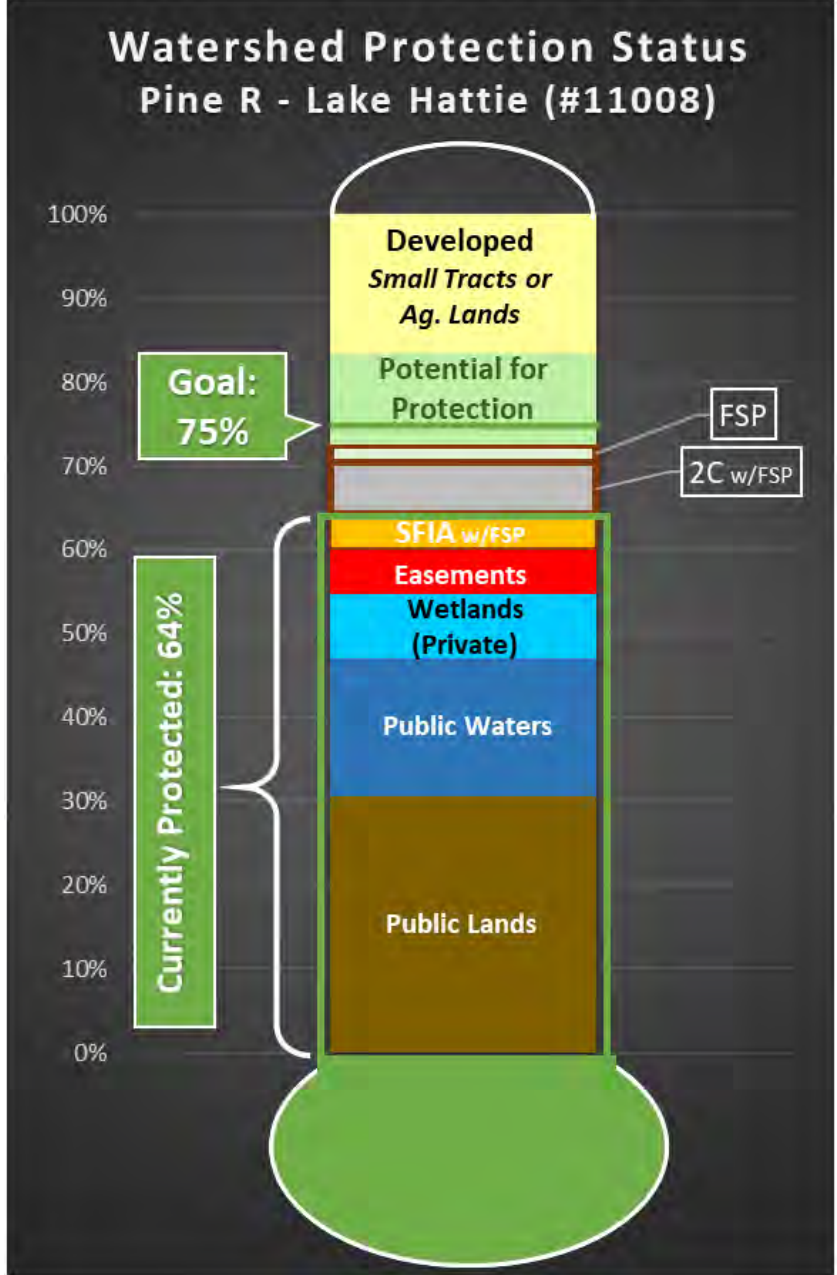
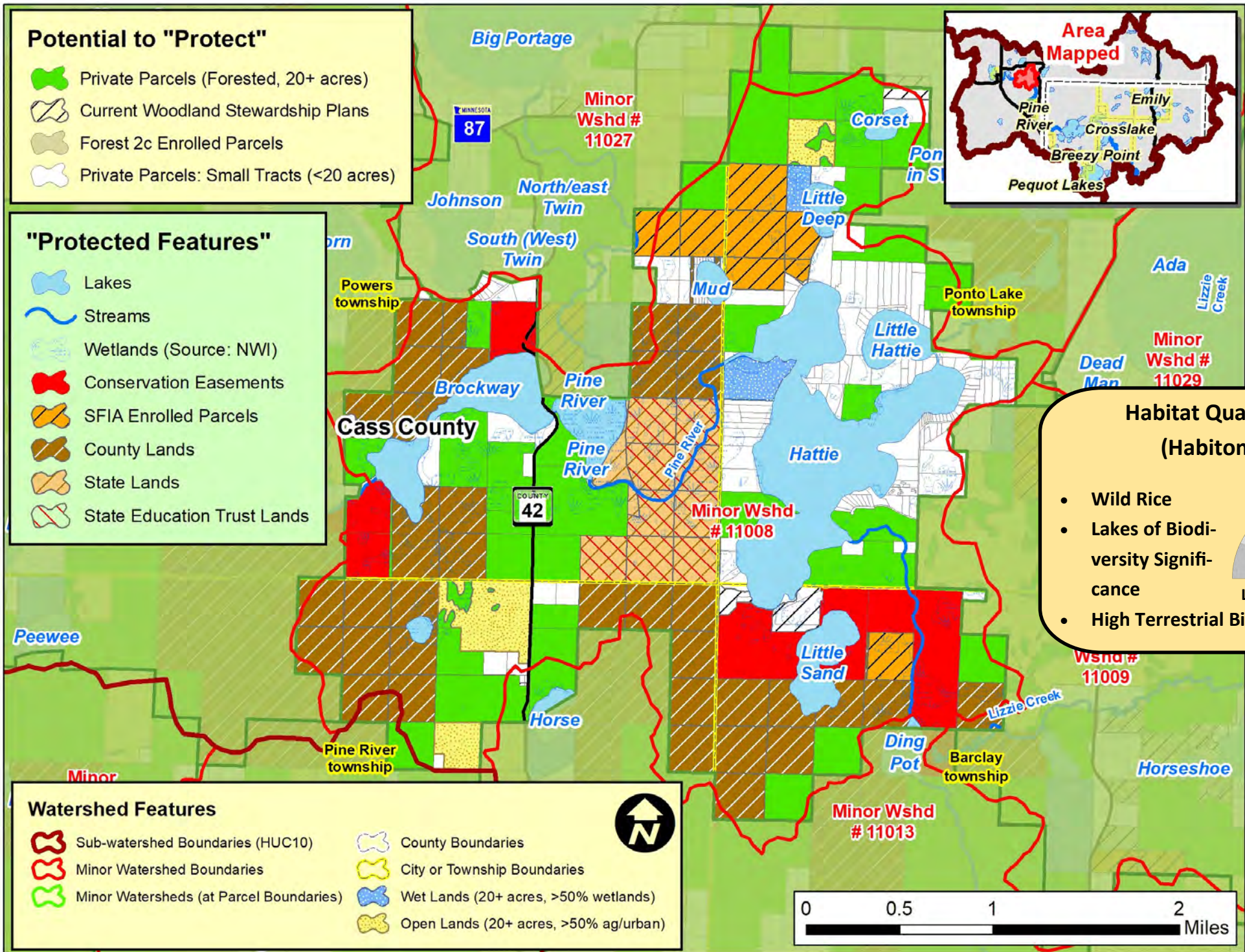
* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- 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 <ul style="list-style-type: none">FactsheetsPoster / MailersWorkshopsWebsite / Social Media	Specific Advice & Assistance <ul style="list-style-type: none">Site VisitsPlans: - Landscape Stewardship - Forest Stewardship - Projects	Grants & Cost-share Projects <ul style="list-style-type: none">Tree PlantingBud CappingTimber Stand Improvement (Thinning) Forest Management <ul style="list-style-type: none">Timber SalesHigh Priority AreasClean Water/Habitat Fund	Local Land Use <ul style="list-style-type: none">Riparian BuffersVoluntary Site Level GuidelinesZoning & Official Controls Incentive Programs to Enroll Land <ul style="list-style-type: none">SFIA2C ForestCRP Conservation Easements <ul style="list-style-type: none">DonatedPurchased Fee Title Public Land Acquisition <ul style="list-style-type: none">FederalStateCounty
Options			
Lower Costs, Less Permanent		Higher Costs, More Permanent	

What is the Potential to Protect the Pine R. - Lake Hattie Minor Watershed (Minor #11008) ?

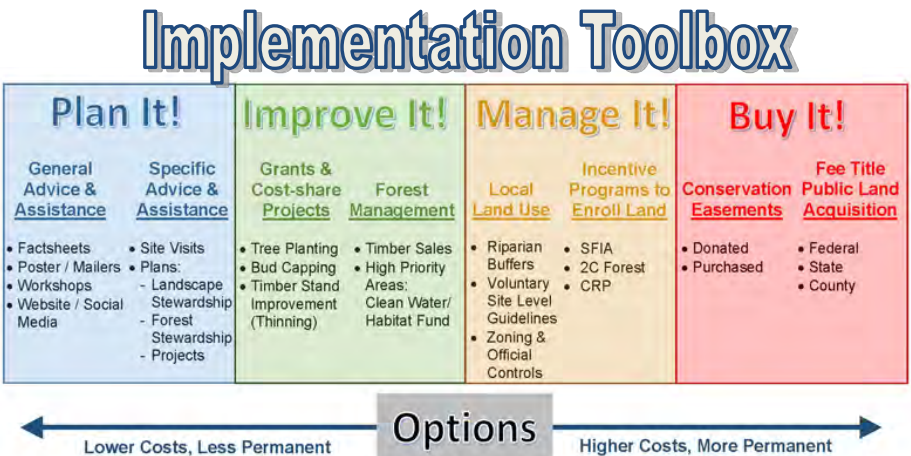
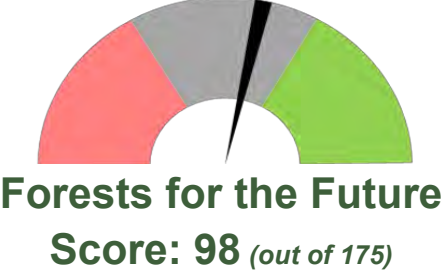


Water Quality Trends:

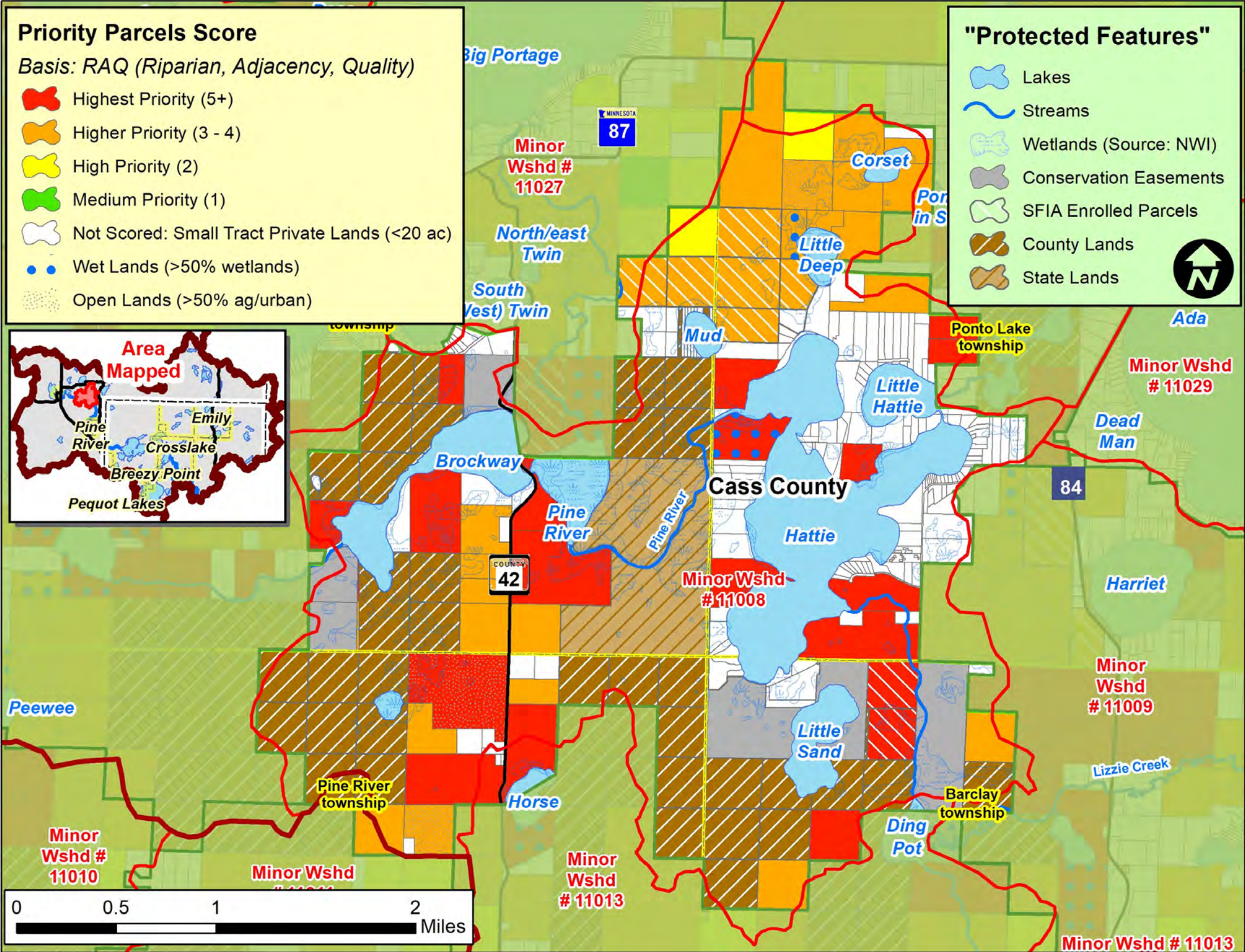
Improving: None

Declining / Impaired: None

Stable (No Trend): Little Sand L.



RAQ Scoring for Parcels in the Pine R. - Lake Hattie Minor Watershed (Minor #11008)



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,
	2	
	1	

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

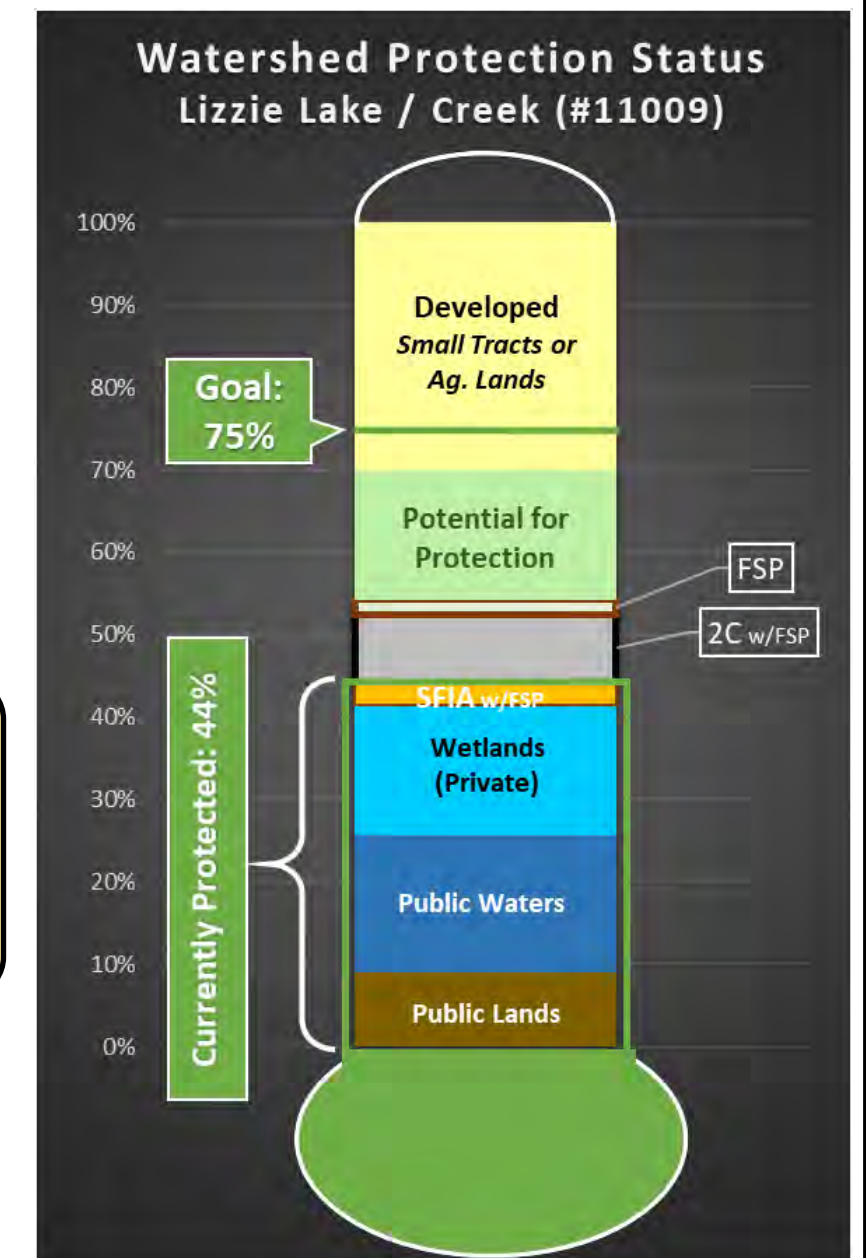
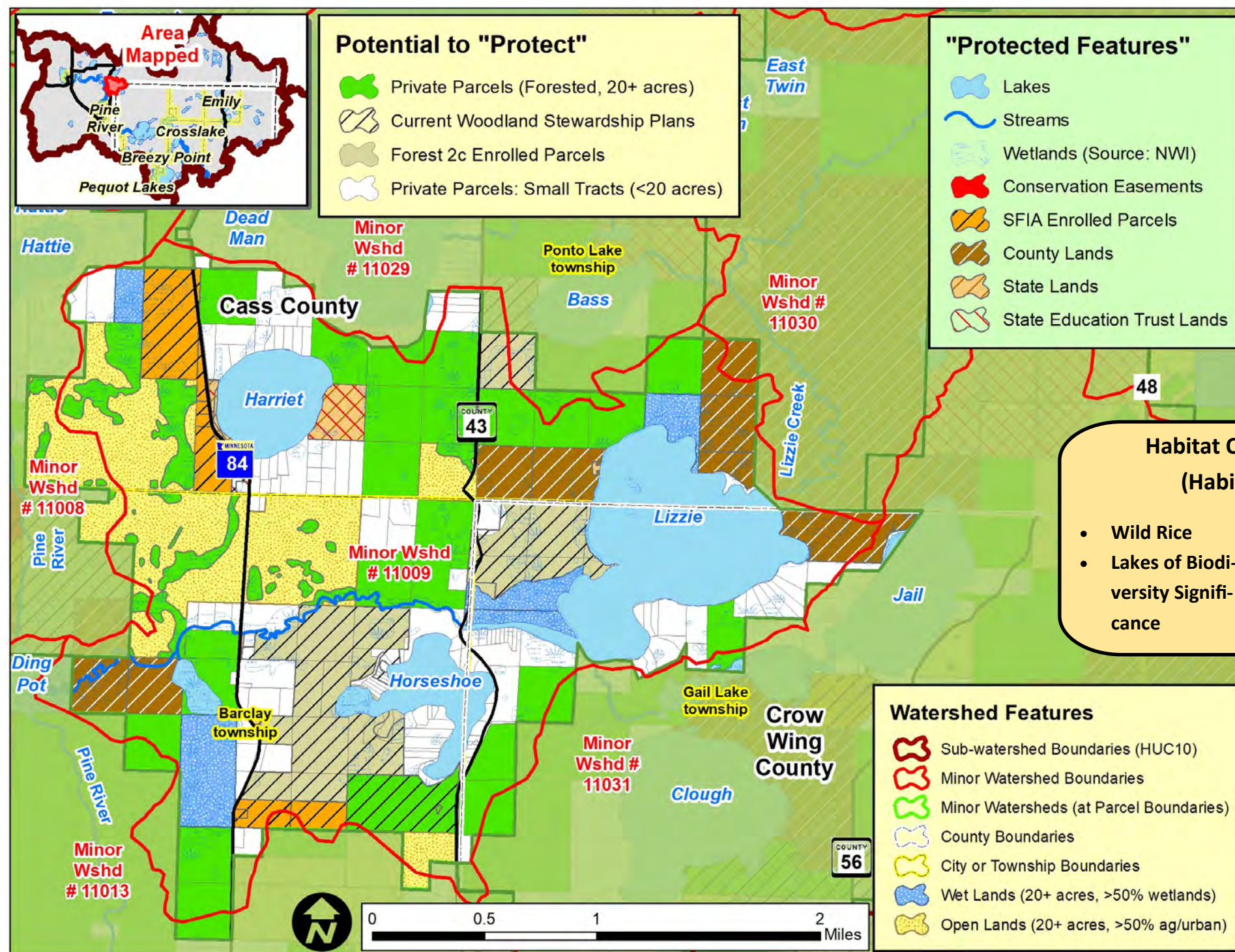
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

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

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

What is the Potential to Protect the Lizzie Lake / Creek Minor Watershed (Minor #11009) ?



Protection



Land Use Disturbance

Water Quality Trends:

Improving: None

Declining/Impaired: None

Stable (No Trend): None



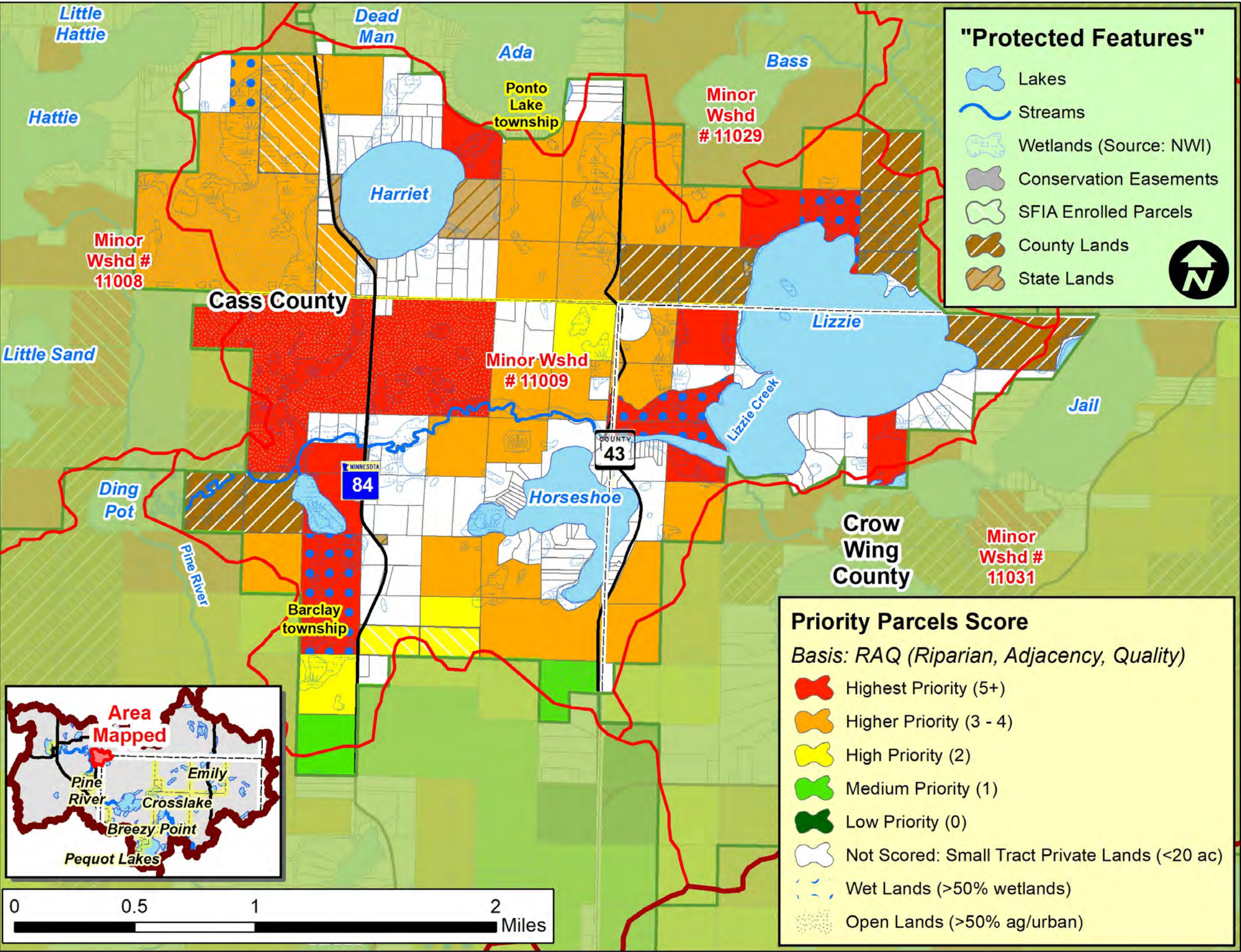
Forests for the Future
Score: 98 (out of 175)

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
			Conservation Easements <ul style="list-style-type: none"> Donated Purchased Fee Title 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 Lizzie Lake / Creek Minor Watershed (Minor #11009)



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,
	2	
	1	

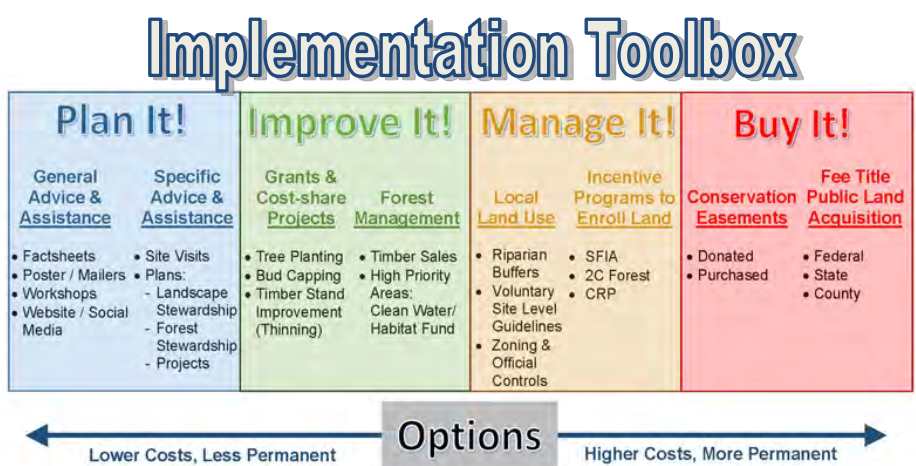
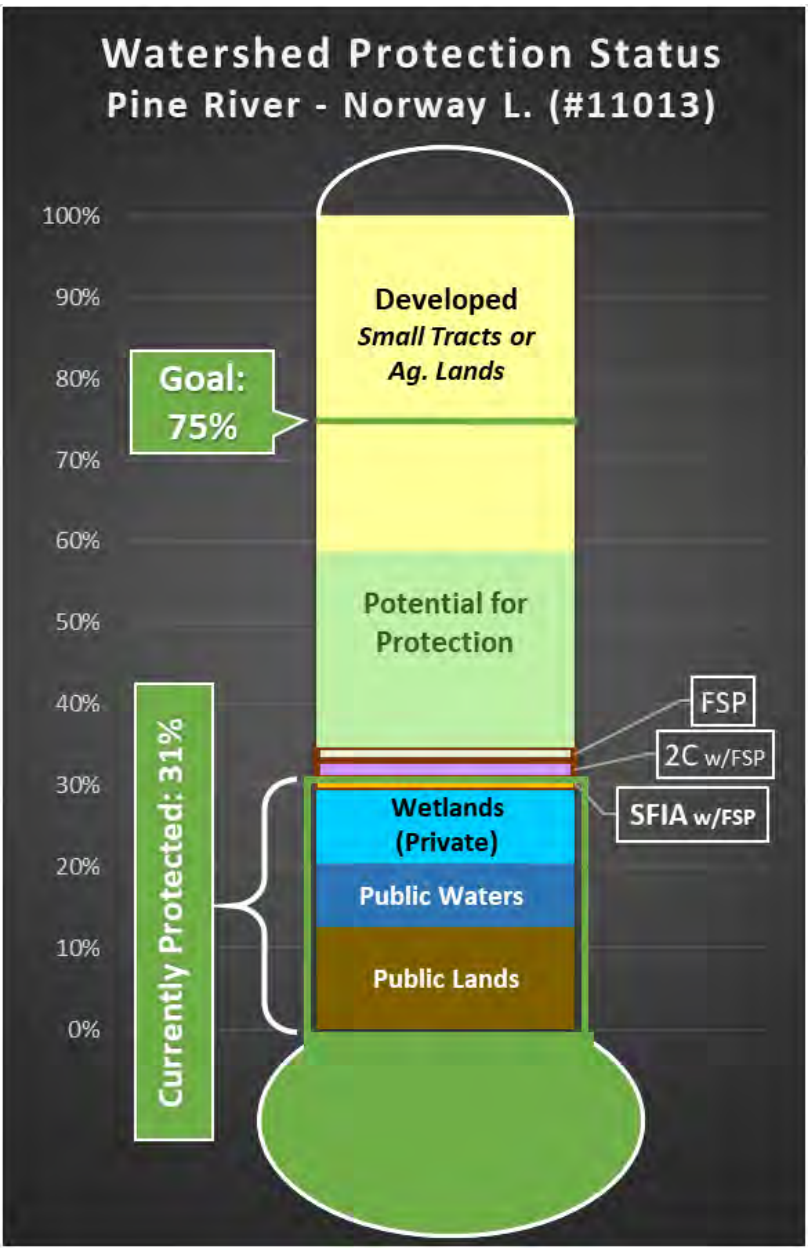
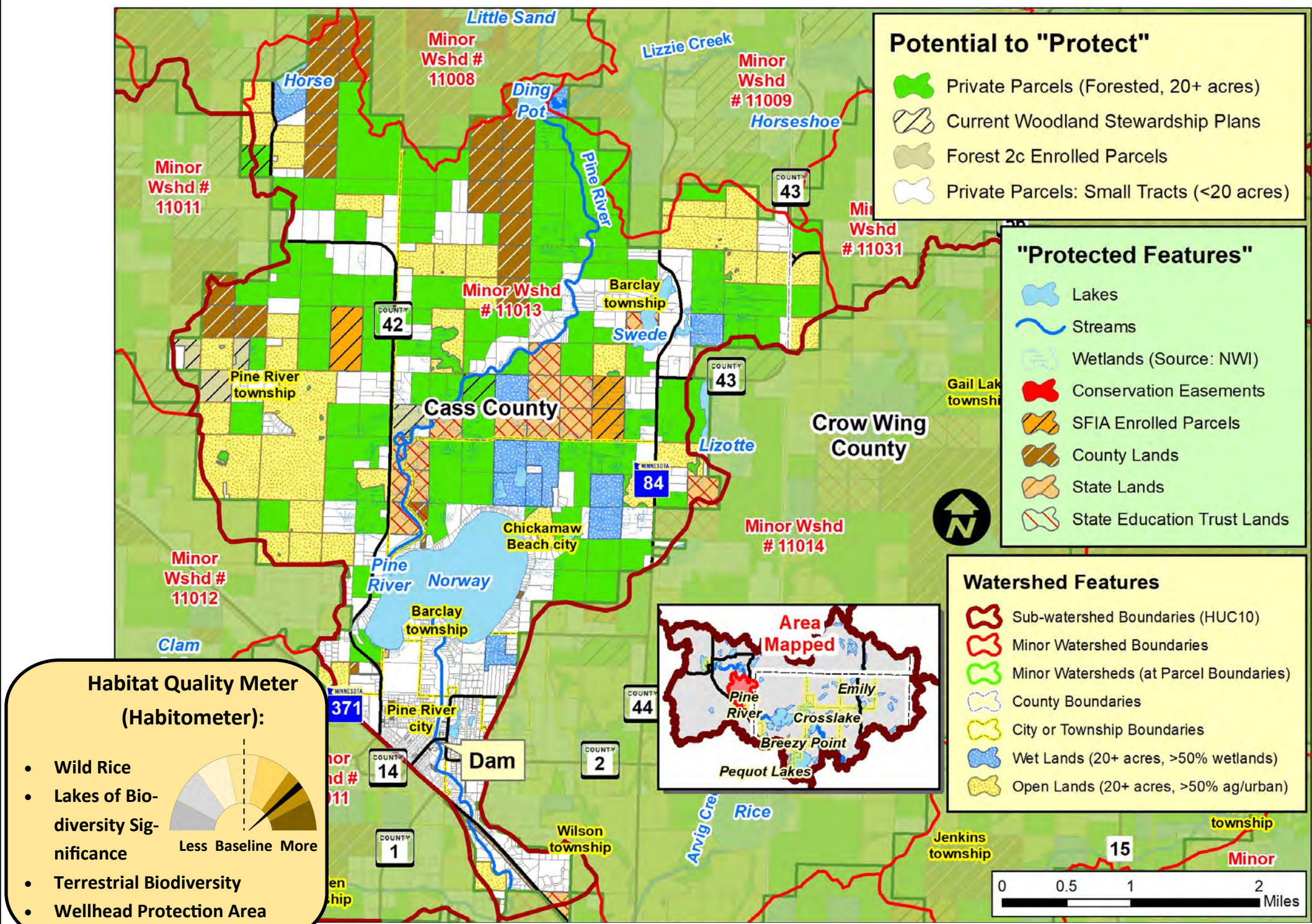
* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- 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)

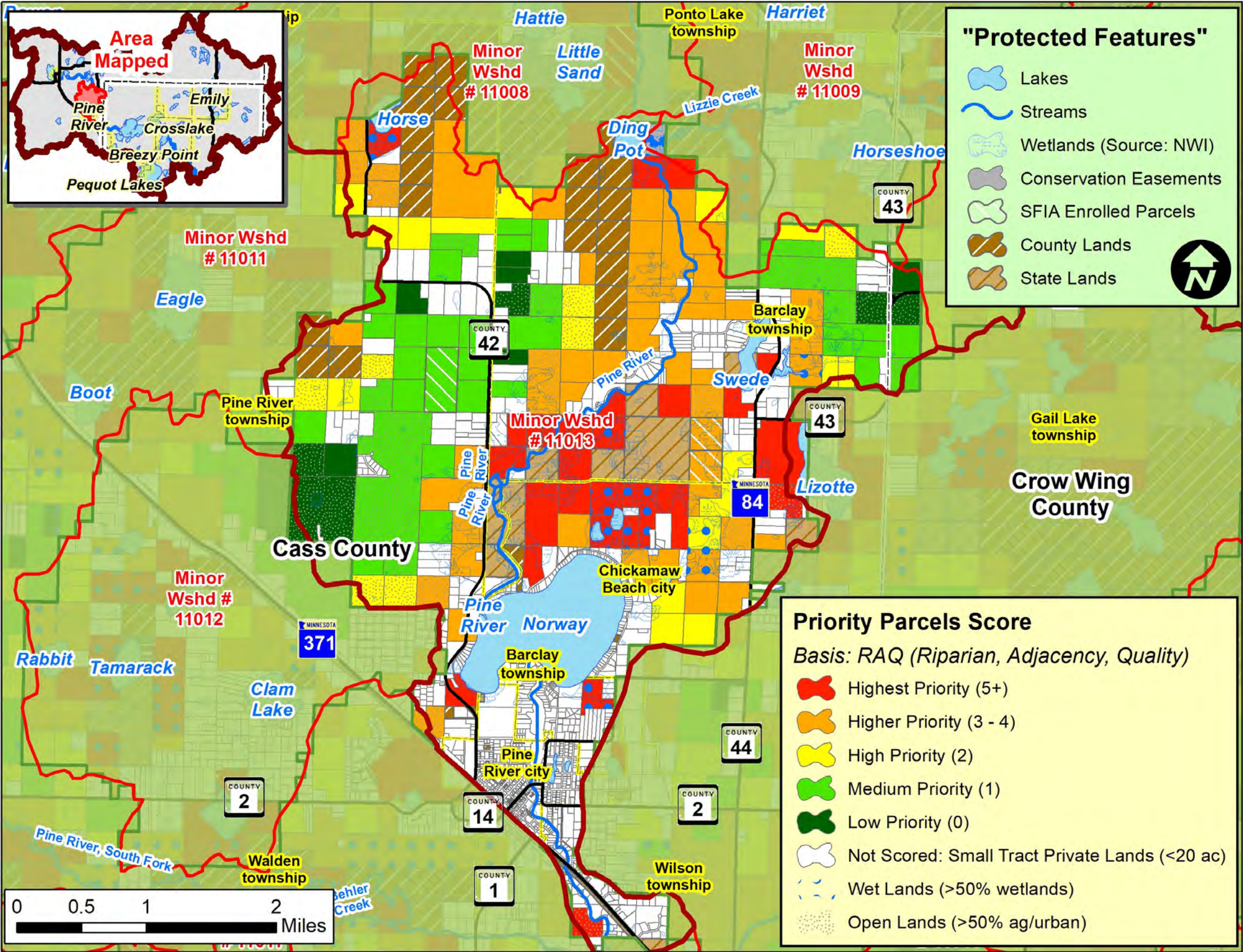
Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance <ul style="list-style-type: none">FactsheetsPoster / MailersWorkshopsWebsite / Social Media	Specific Advice & Assistance <ul style="list-style-type: none">Site VisitsPlans: Landscape Stewardship - Forest Stewardship - Projects	Grants & Cost-share Projects <ul style="list-style-type: none">Tree PlantingBud CappingTimber Stand Improvement (Thinning) Forest Management <ul style="list-style-type: none">Timber SalesHigh Priority AreasClean Water/Habitat Fund	Local Land Use <ul style="list-style-type: none">Riparian BuffersVoluntary Site Level GuidelinesZoning & Official Controls Incentive Programs to Enroll Land <ul style="list-style-type: none">SFIA2C ForestCRP Conservation Easements <ul style="list-style-type: none">DonatedPurchased Fee Title Public Land Acquisition <ul style="list-style-type: none">FederalStateCounty
Options			
Lower Costs, Less Permanent		Higher Costs, More Permanent	

What is the Potential to Protect the Pine River - Norway L. Minor Watershed (Minor #11013) ?



RAQ Scoring for Parcels in the Pine R. - Norway L. Minor Watershed (Minor #11013)



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,
	2	
	1	

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

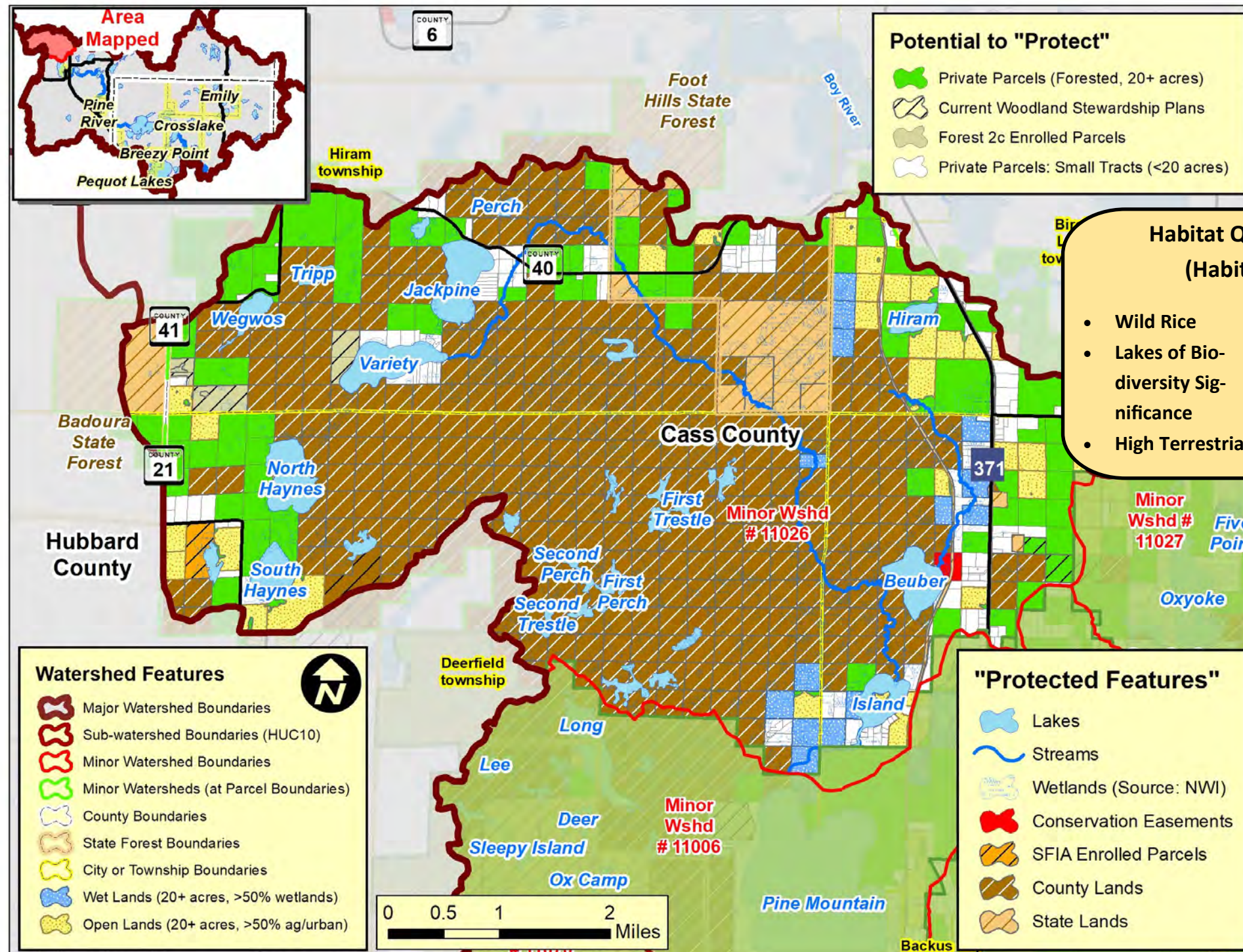
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

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 Acquisition • Federal • State • County

Options
Lower Costs, Less Permanent Higher Costs, More Permanent

What is the Potential to Protect the Stony Creek Minor Watershed (Minor #11026) ?



Protection



Land Use Disturbance

Water Quality Trends:

Improving: None

Declining/Impaired: None

Stable (No Trend): None



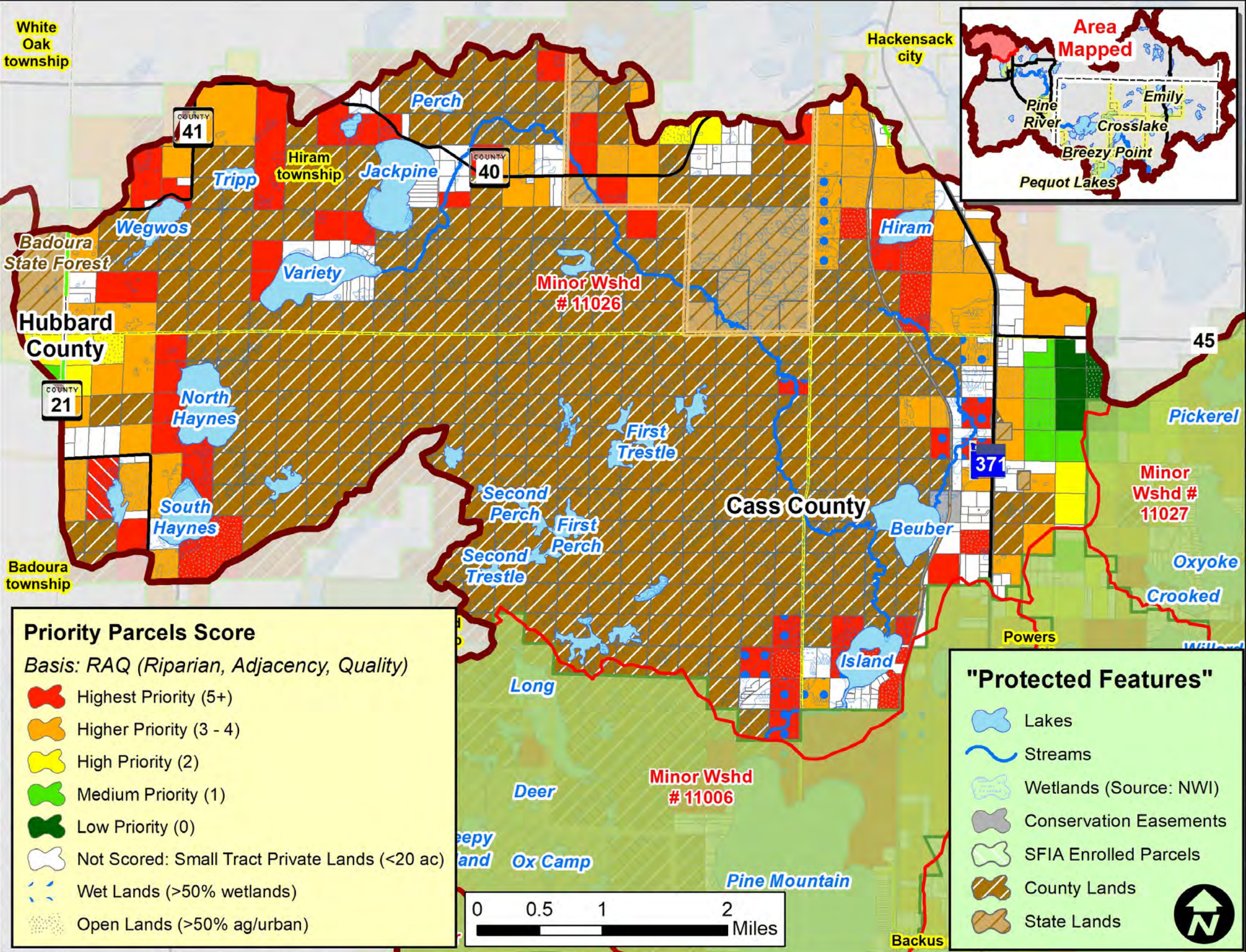
Forests for the Future
Score: 103 (out of 175)

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
			Conservation Easements <ul style="list-style-type: none"> Donated Purchased Fee Title 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 Stony Creek Minor Watershed (Minor #11026)



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	

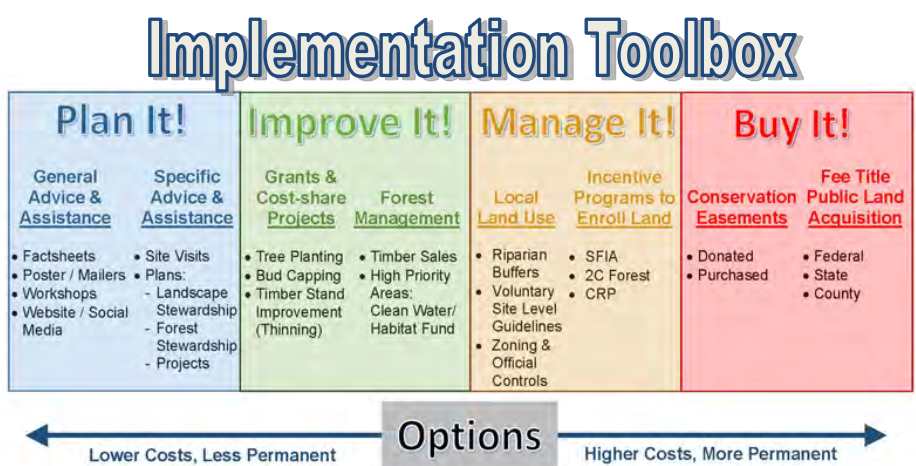
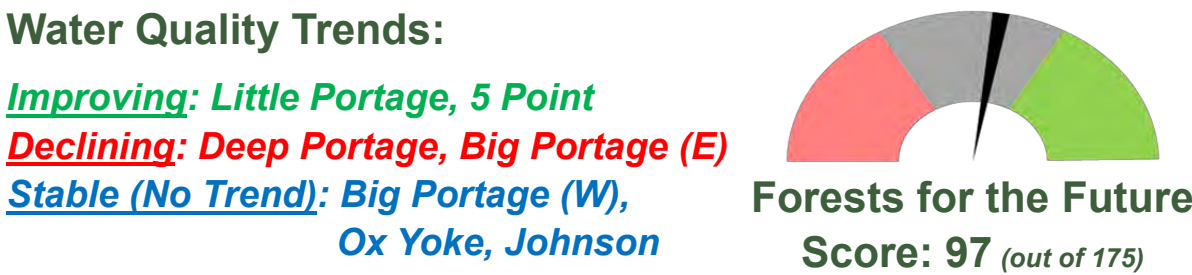
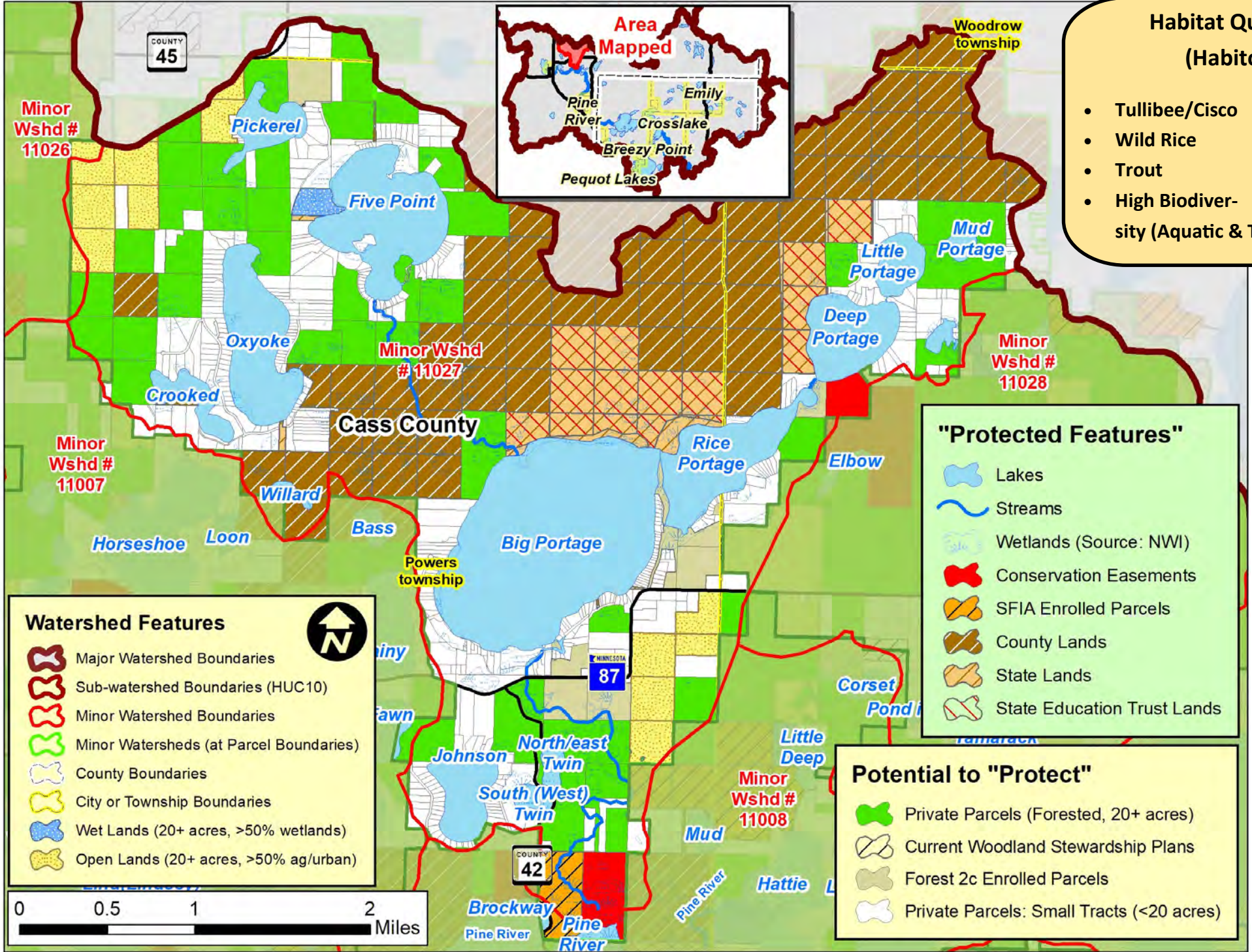
* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- 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)

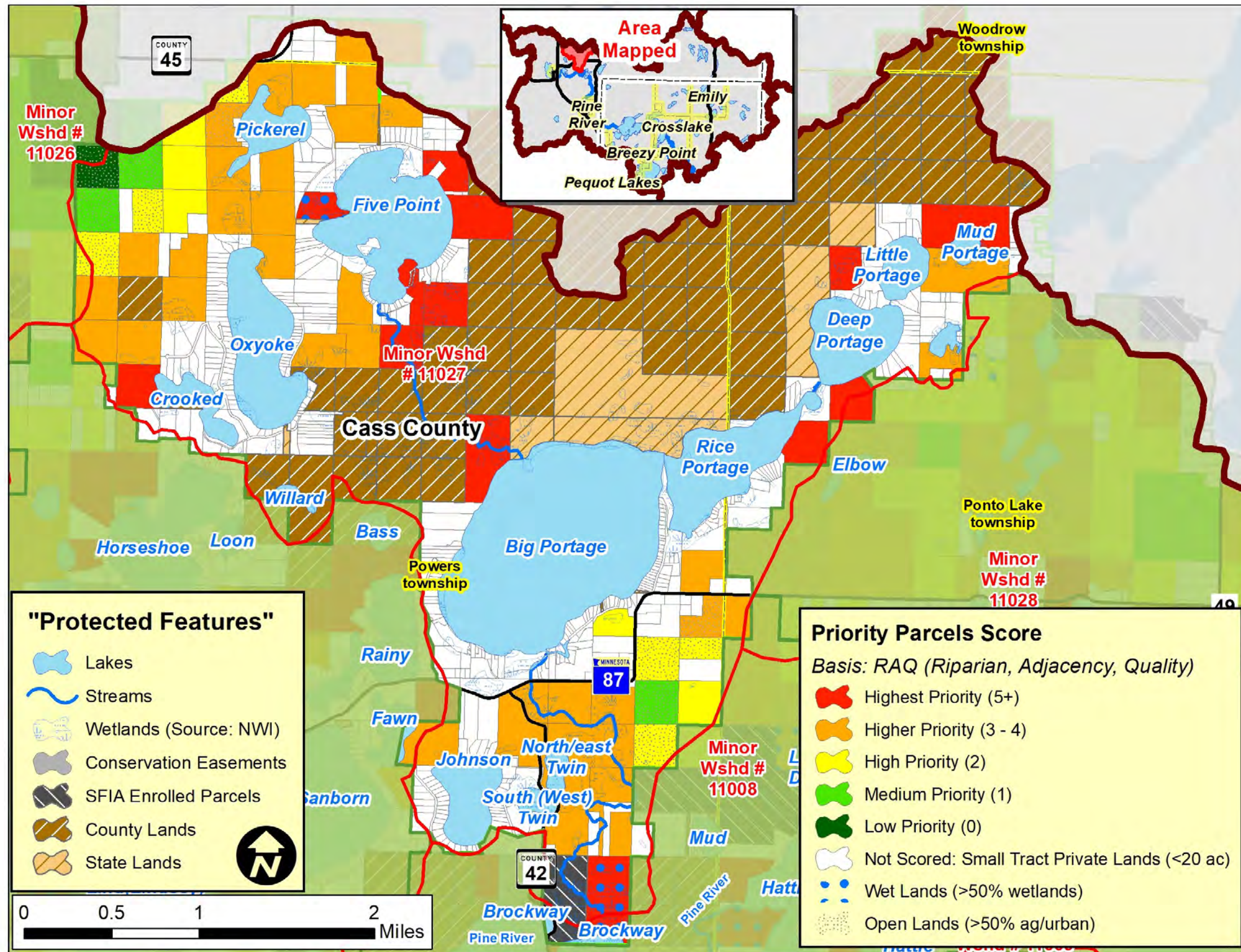
Implementation Toolbox

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 Big Portage Lake Minor Watershed (Minor #11027) ?



RAQ Scoring for Parcels in the Big Portage Lake Minor Watershed (Minor #11027)



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,
	2	
	1	

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

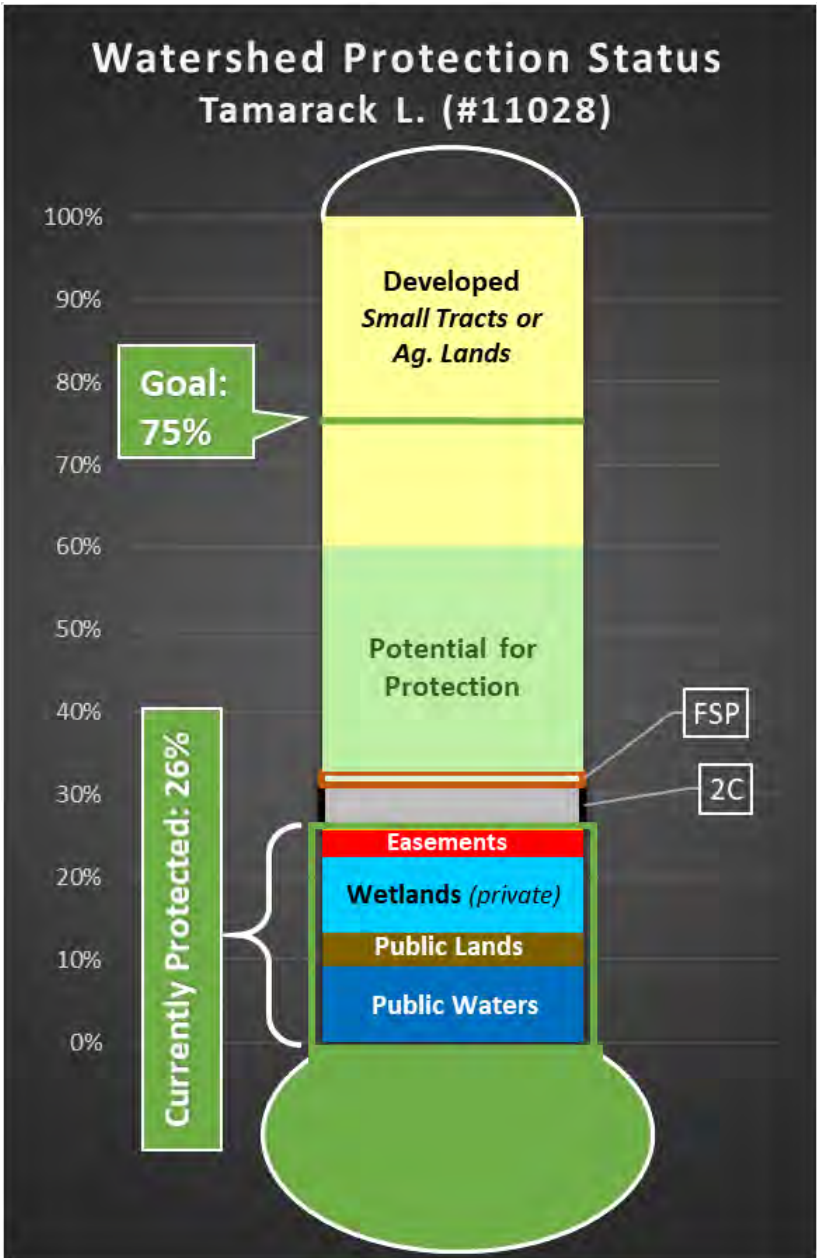
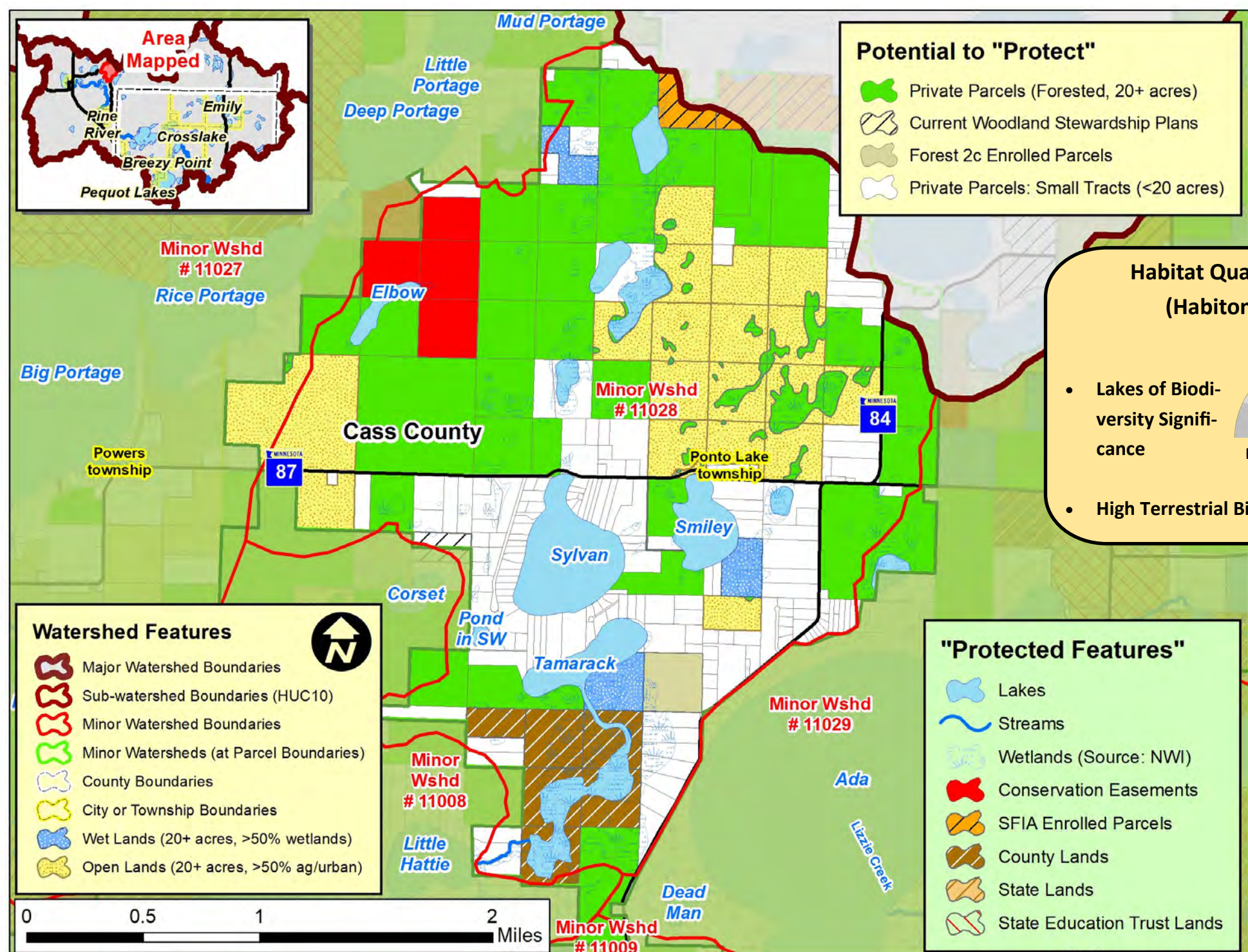
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

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 Public Land Acquisition • Federal • State • County

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

What is the Potential to Protect the Tamarack Lake Minor Watershed (Minor #11028) ?

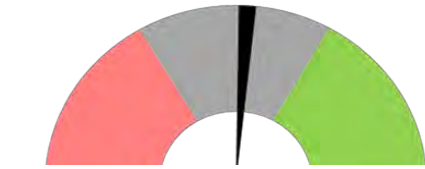


Protection



Land Use Disturbance

Water Quality Trends:
No Lakes Assessed



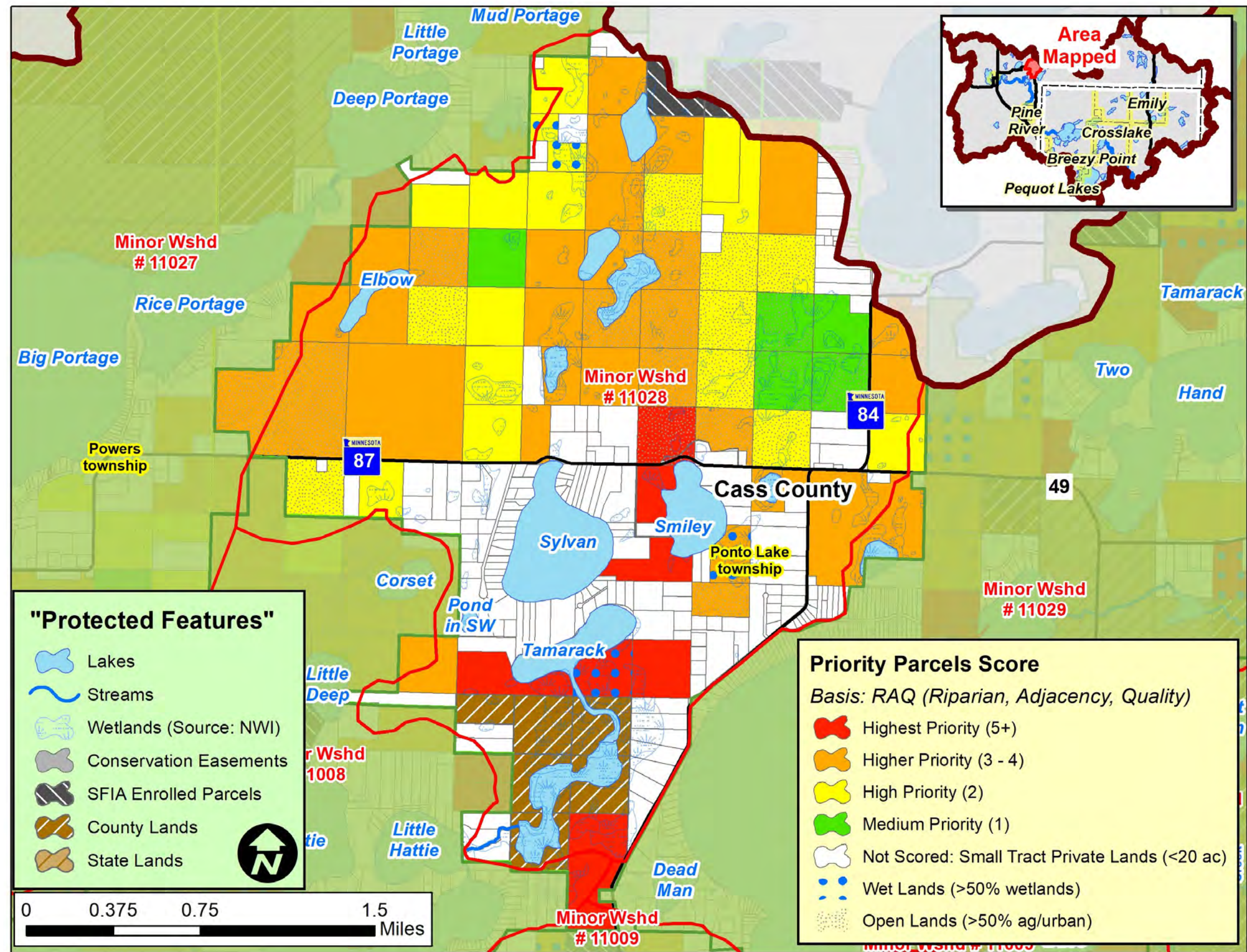
Forests for the Future
Score: 91.1 (out of 175)

Implementation Toolbox

Plan It!	Improve It!	Manage It!	Buy It!
General Advice & Assistance <ul style="list-style-type: none">FactsheetsPoster / MailersWorkshopsWebsite / Social Media	Specific Advice & Assistance <ul style="list-style-type: none">Site VisitsPlans:<ul style="list-style-type: none">Landscape StewardshipForest StewardshipProjects	Grants & Cost-share Projects <ul style="list-style-type: none">Tree PlantingBud CappingTimber Stand Improvement (Thinning) Forest Management <ul style="list-style-type: none">Timber SalesHigh Priority Areas: Clean Water/Habitat Fund	Local Land Use <ul style="list-style-type: none">Riparian BuffersVoluntary Site Level GuidelinesZoning & Official Controls Incentive Programs to Enroll Land <ul style="list-style-type: none">SFIA2C ForestCRP Conservation Easements <ul style="list-style-type: none">DonatedPurchased Fee Title Public Land Acquisition <ul style="list-style-type: none">FederalStateCounty

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

RAQ Scoring for Parcels in the Sylvan Lake Minor Watershed (Minor #11028)



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	

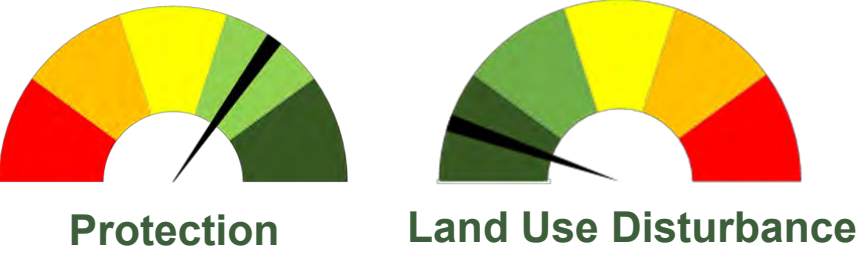
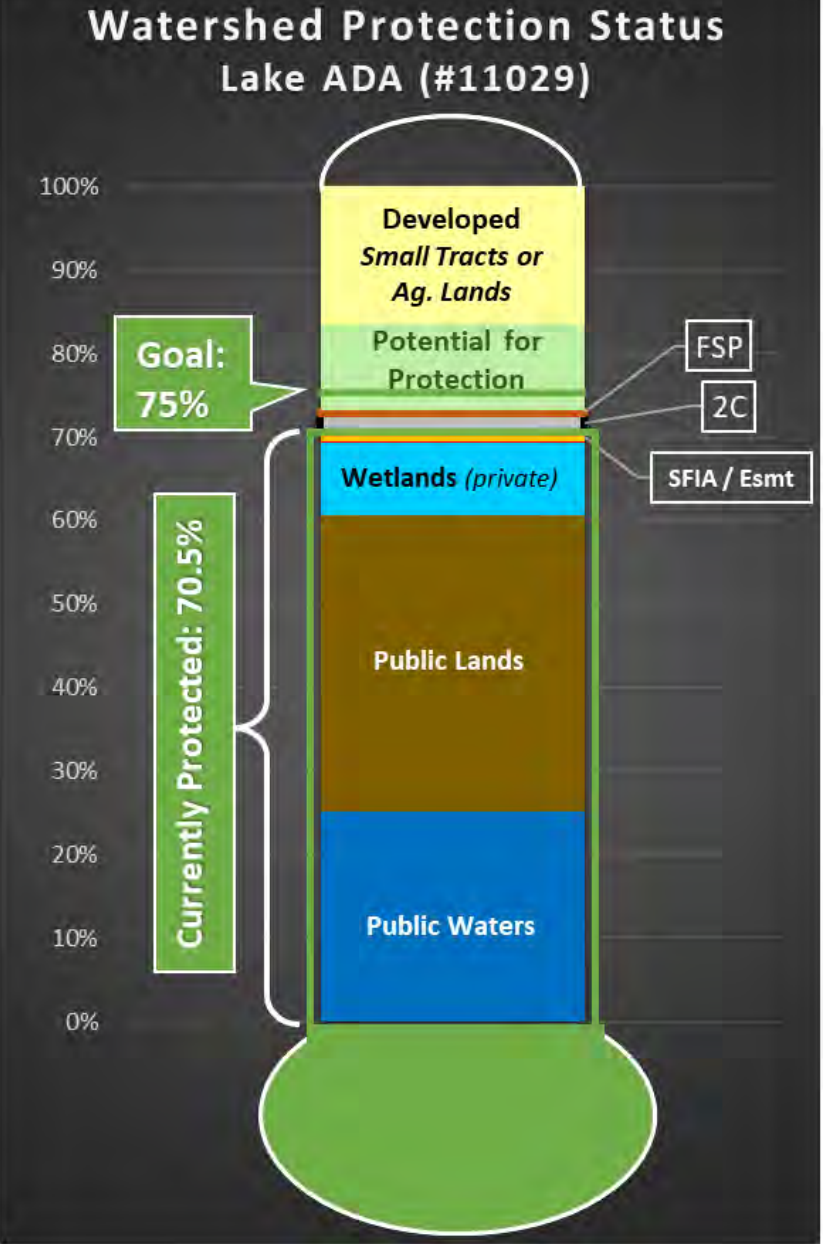
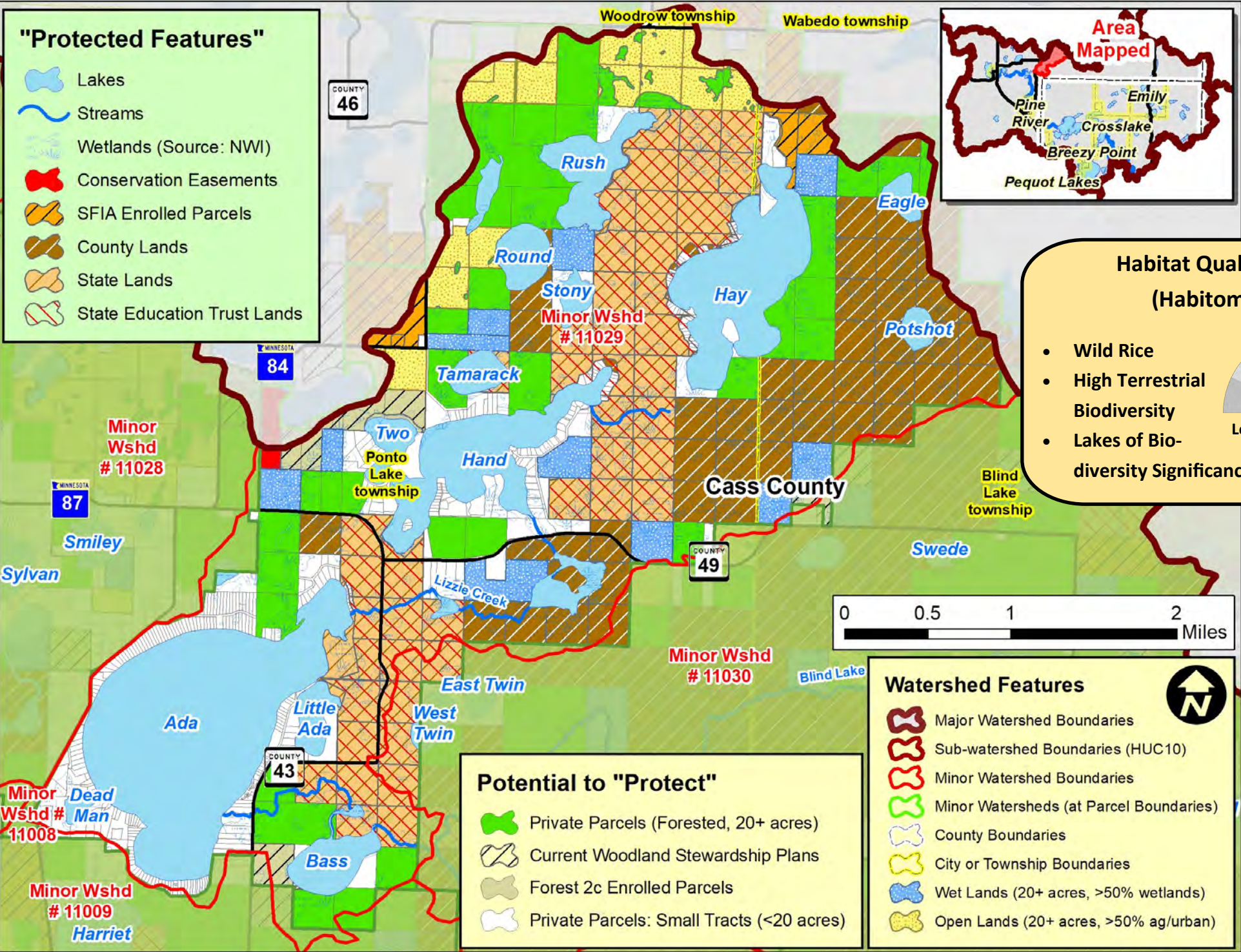
* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- 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 <ul style="list-style-type: none">FactsheetsPoster / MailersWorkshopsWebsite / Social Media	Specific Advice & Assistance <ul style="list-style-type: none">Site VisitsPlans: - Landscape Stewardship - Forest Stewardship - Projects	Grants & Cost-share Projects <ul style="list-style-type: none">Tree PlantingBud CappingTimber Stand Improvement (Thinning) Forest Management <ul style="list-style-type: none">Timber SalesHigh Priority AreasClean Water/Habitat Fund	Local Land Use <ul style="list-style-type: none">Riparian BuffersVoluntary Site Level GuidelinesZoning & Official Controls Incentive Programs to Enroll Land <ul style="list-style-type: none">SFIA2C ForestCRP Conservation Easements <ul style="list-style-type: none">DonatedPurchased Fee Title Public Land Acquisition <ul style="list-style-type: none">FederalStateCounty
Options			
Lower Costs, Less Permanent		Higher Costs, More Permanent	

What is the Potential to Protect the Lake Ada Minor Watershed (Minor #11029) ?

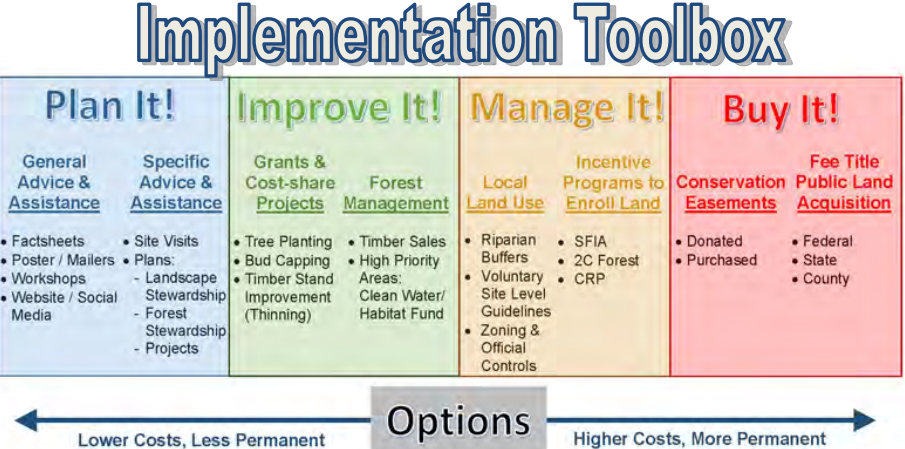


Water Quality Trends:

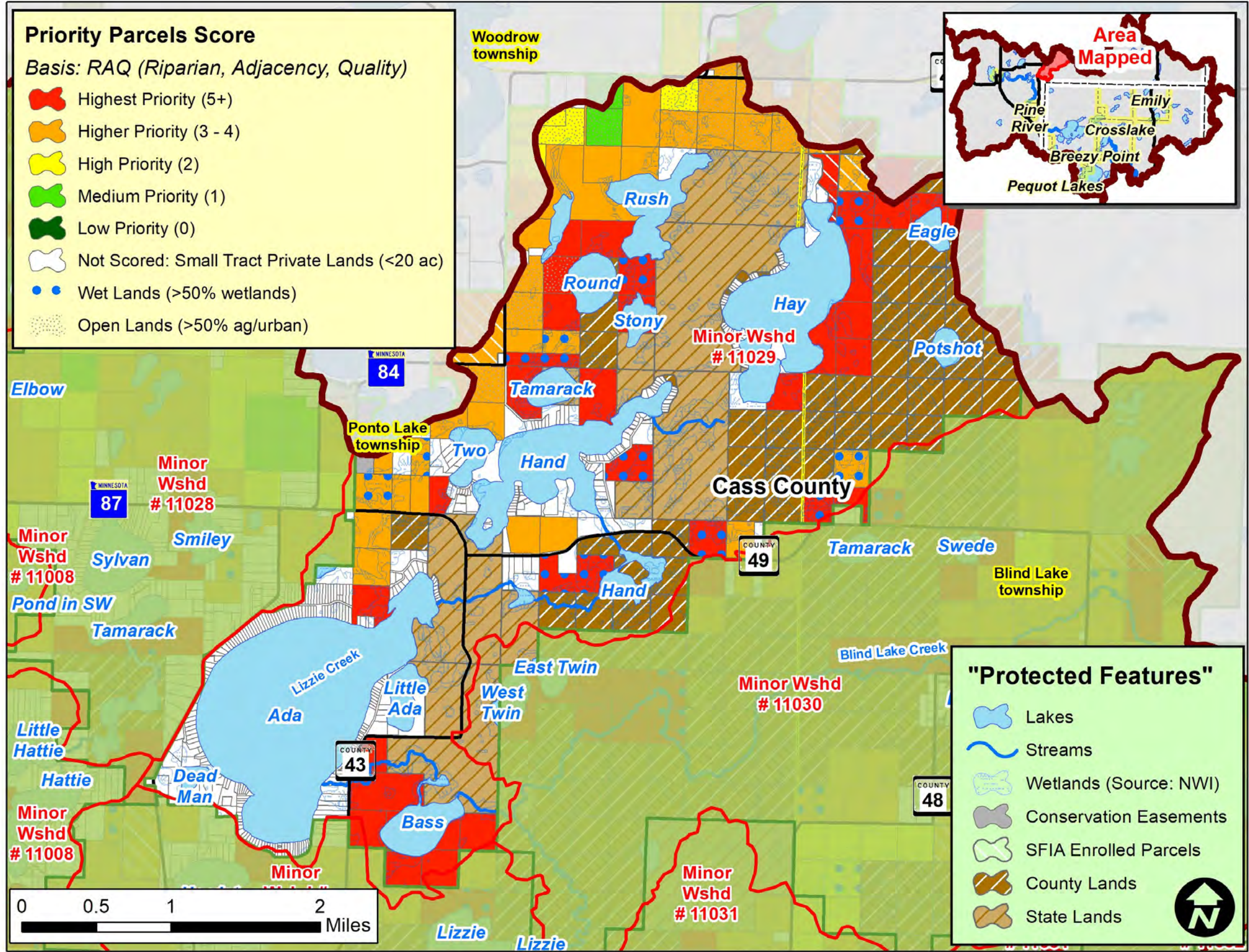
Improving: Ada, Hay

Declining/Impaired: None

Stable (No Trend): Hand



RAQ Scoring for Parcels in the Lake Ada Minor Watershed (Minor #11029)



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,
	2	
	1	

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

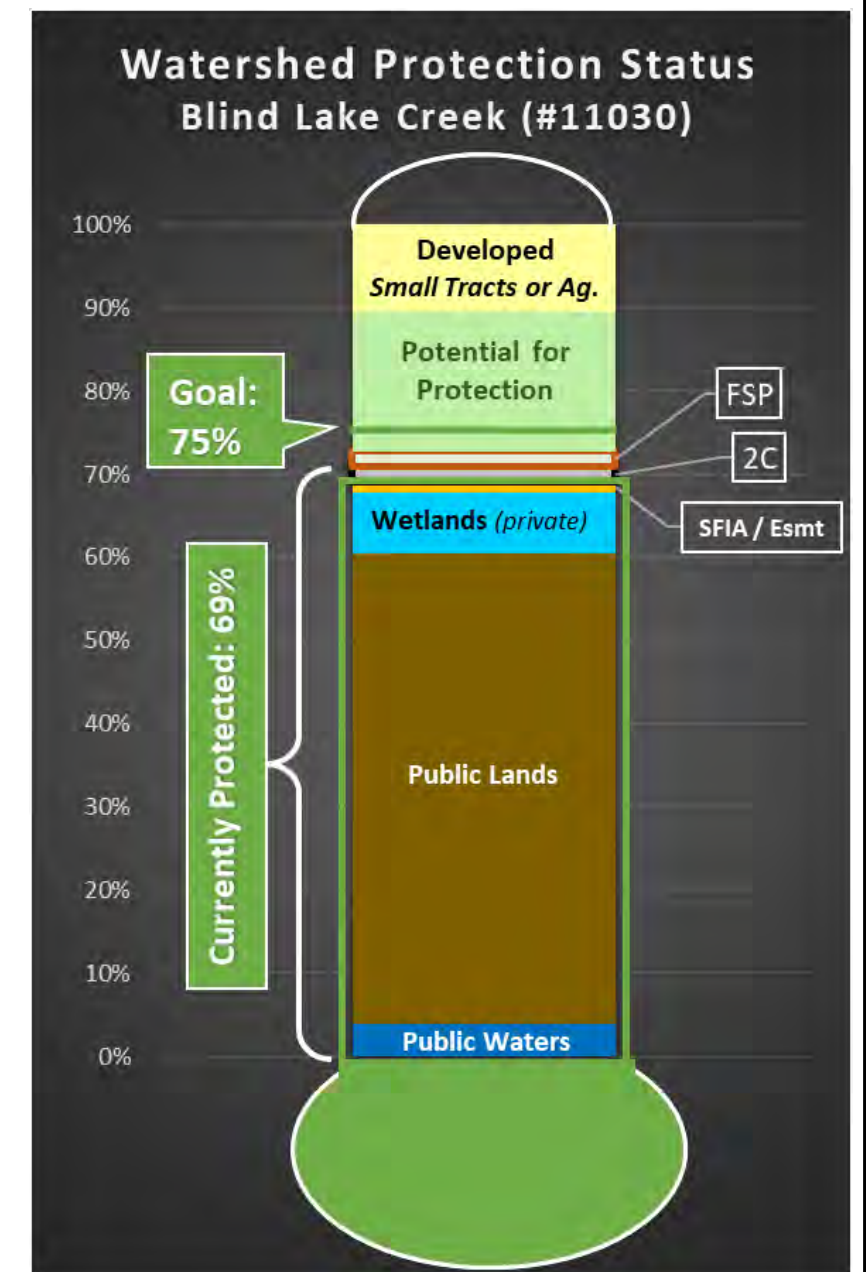
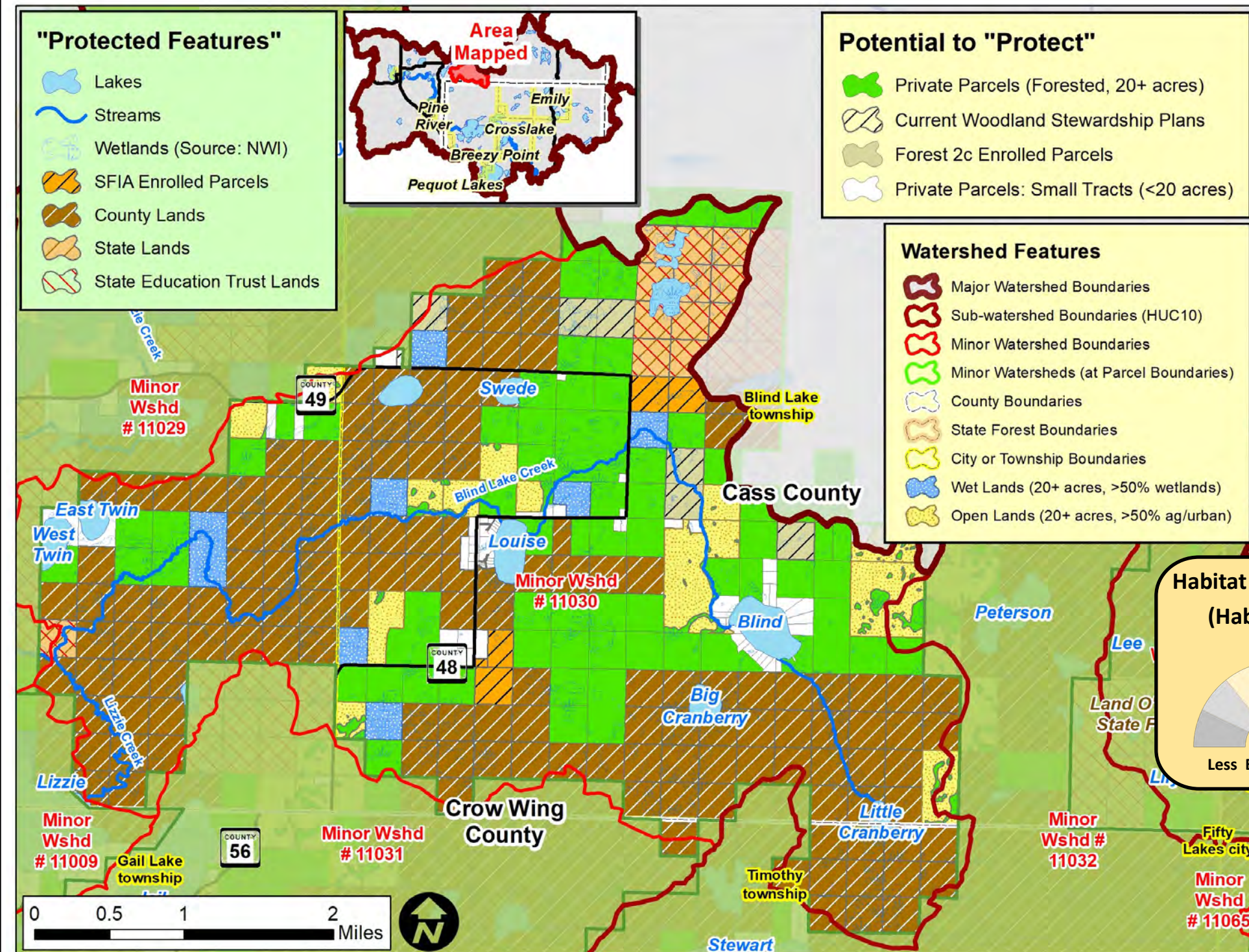
- Outstanding Resource Value Resources (MPCA)
- Old Growth Forests (DNR)
- Lakes with Exceptional IBI Scores (DNR)
- Drinking Water Supply Management Areas (MDH)
- High or Outstanding Wildlife Action Network Score (DNR)

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
			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 Blind Lake Creek Minor Watershed (Minor #11030) ?



Protection



Land Use Disturbance

Water Quality Trends:

Improving: None

Declining/Impaired: None

Stable (No Trend): None



Forests for the Future

Score: 100 (out of 175)

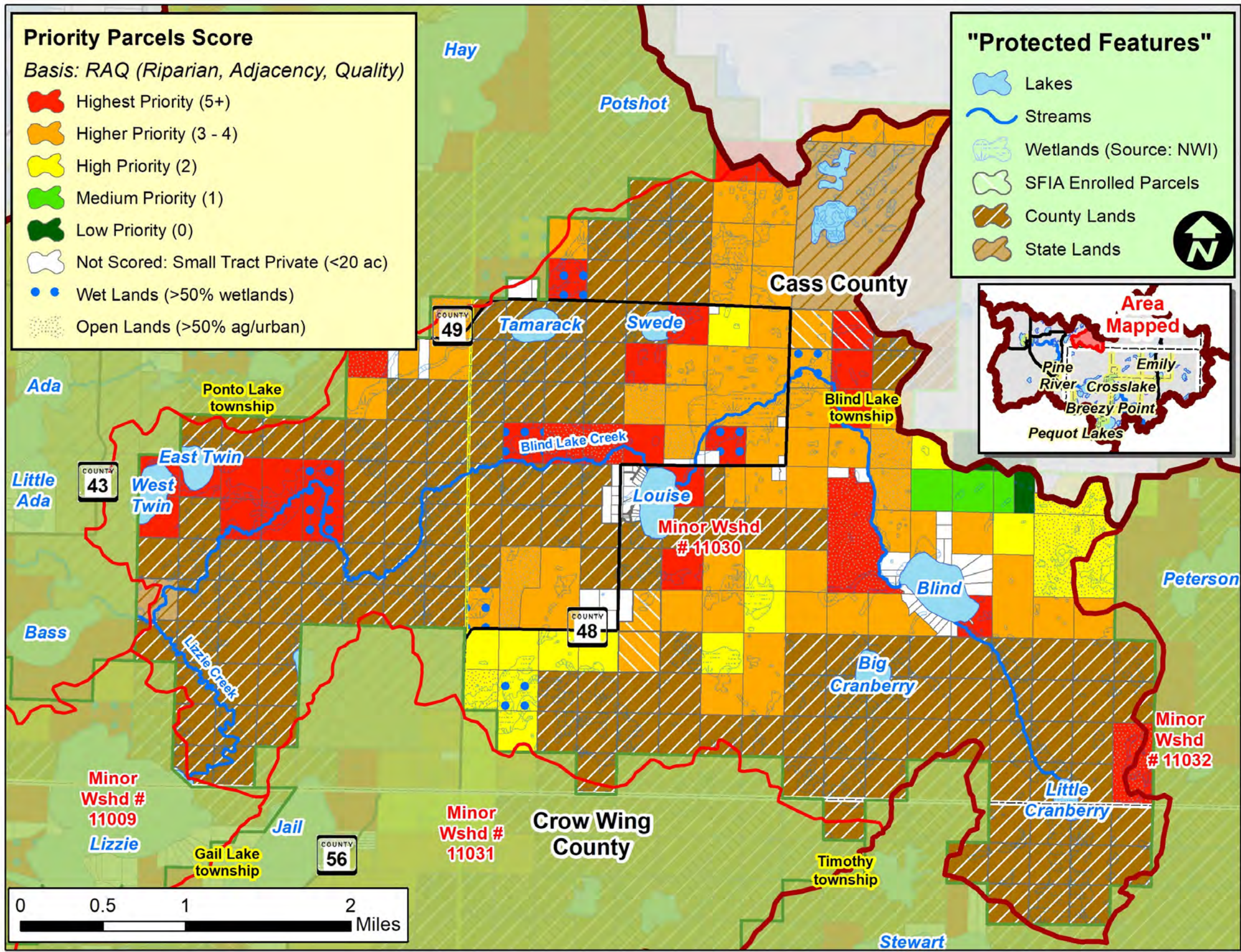
Implementation Toolbox

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"> • 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: <ul style="list-style-type: none"> - 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

Options

Lower Costs, Less Permanent Higher Costs, More Permanent

RAQ Scoring for Parcels in the Blind Lake Creek Minor Watershed (Minor #11030)



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,
	2	
	1	

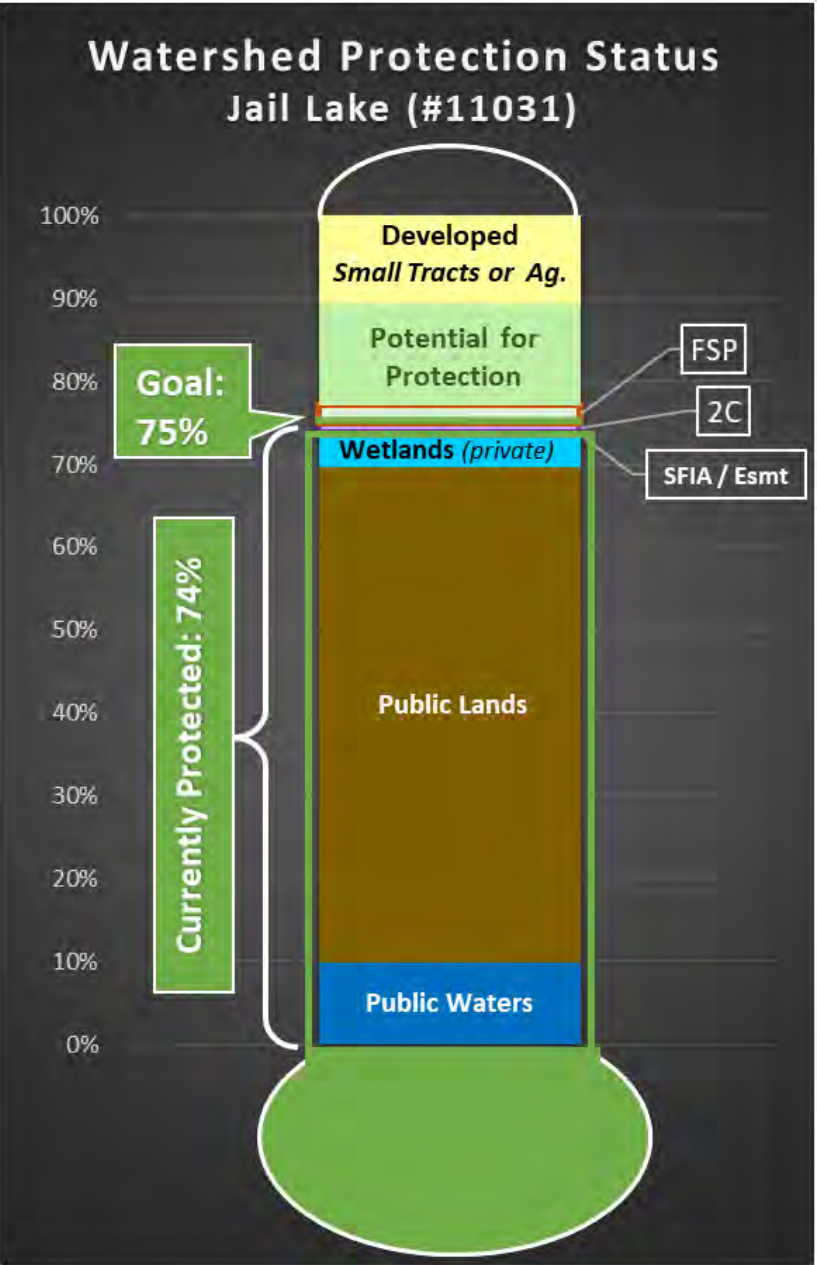
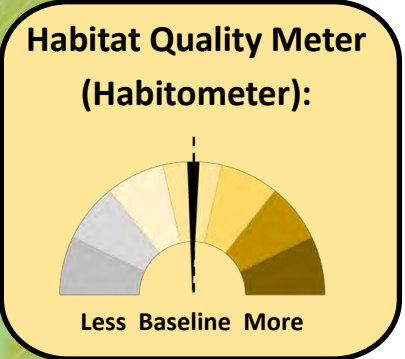
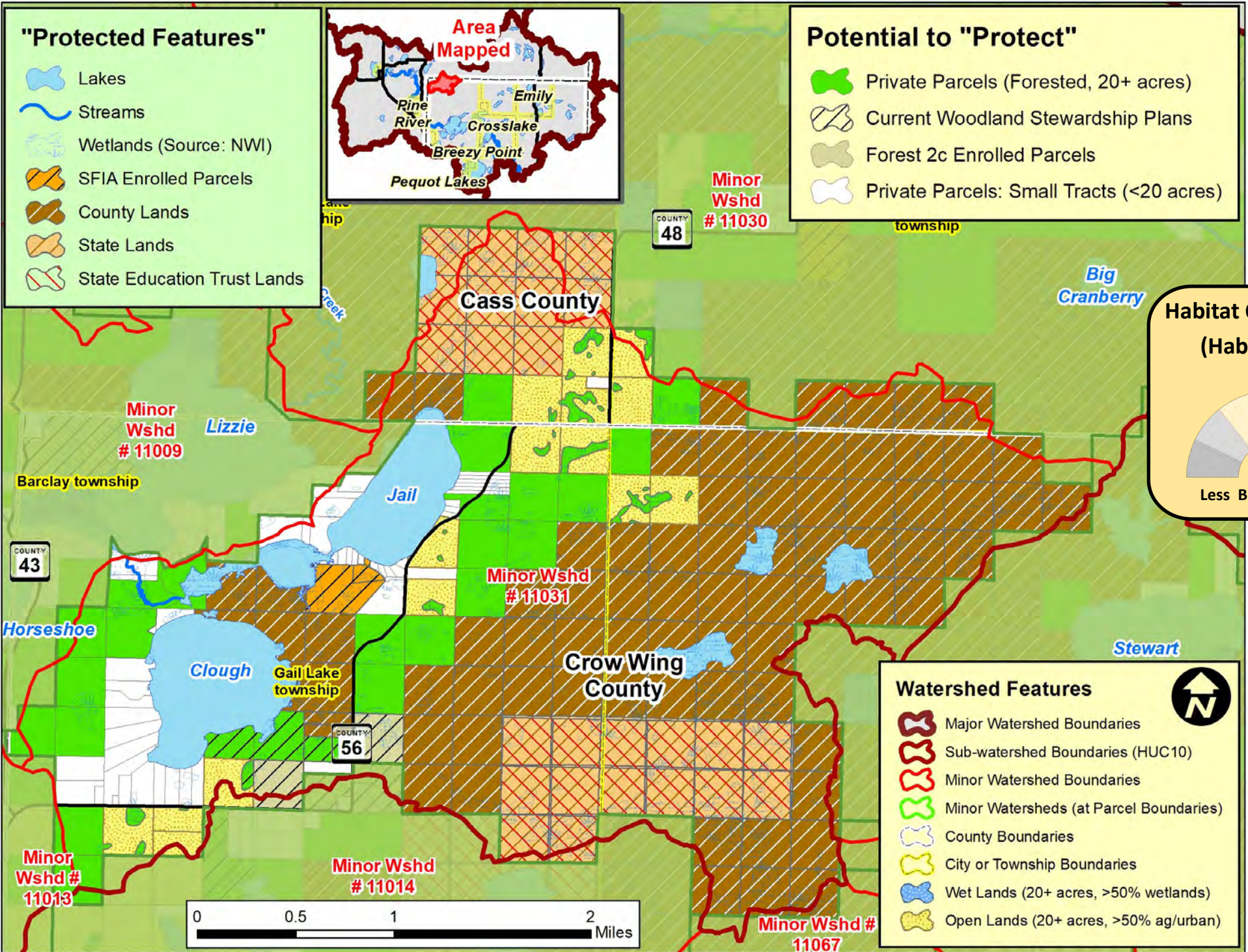
* Quality is locally determined and can include other features, including groundwater resources. For this project, quality also included:

- 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 <ul style="list-style-type: none">FactsheetsPoster / MailersWorkshopsWebsite / Social Media	Specific Advice & Assistance <ul style="list-style-type: none">Site VisitsPlans: Landscape Stewardship, Forest Stewardship, Projects	Grants & Cost-share Projects <ul style="list-style-type: none">Tree PlantingBud CappingTimber Stand Improvement (Thinning) Forest Management <ul style="list-style-type: none">Timber SalesHigh Priority AreasClean Water/Habitat Fund	Local Land Use <ul style="list-style-type: none">Riparian BuffersVoluntary Site Level GuidelinesZoning & Official Controls Incentive Programs to Enroll Land <ul style="list-style-type: none">SFIA2C ForestCRP Conservation Easements <ul style="list-style-type: none">DonatedPurchased Fee Title Public Land Acquisition <ul style="list-style-type: none">FederalStateCounty
Options: Lower Costs, Less Permanent → Higher Costs, More Permanent			

What is the Potential to Protect the Jail Lake Minor Watershed (Minor #11031) ?



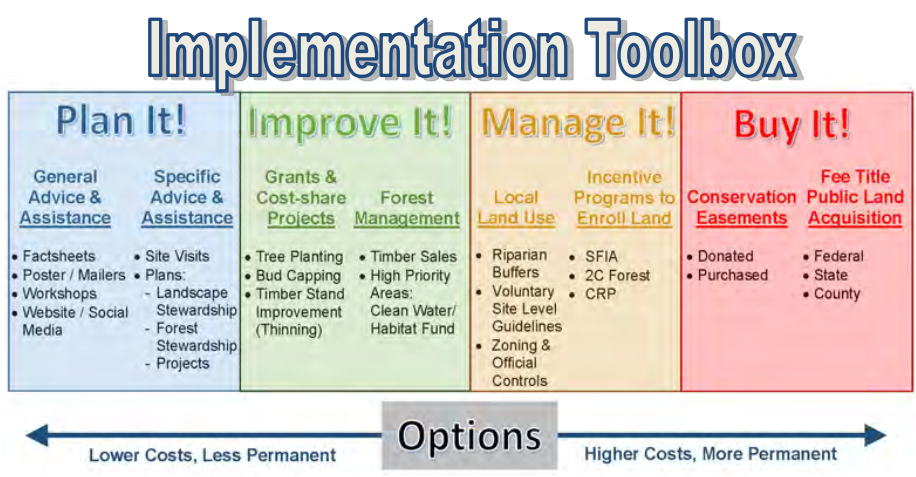
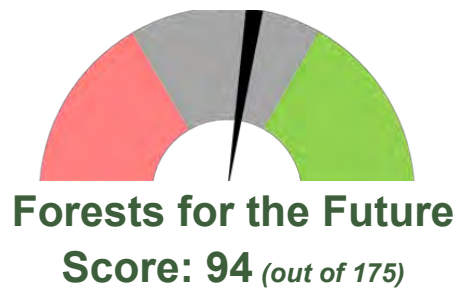
Water Quality Trends:

Improving: None

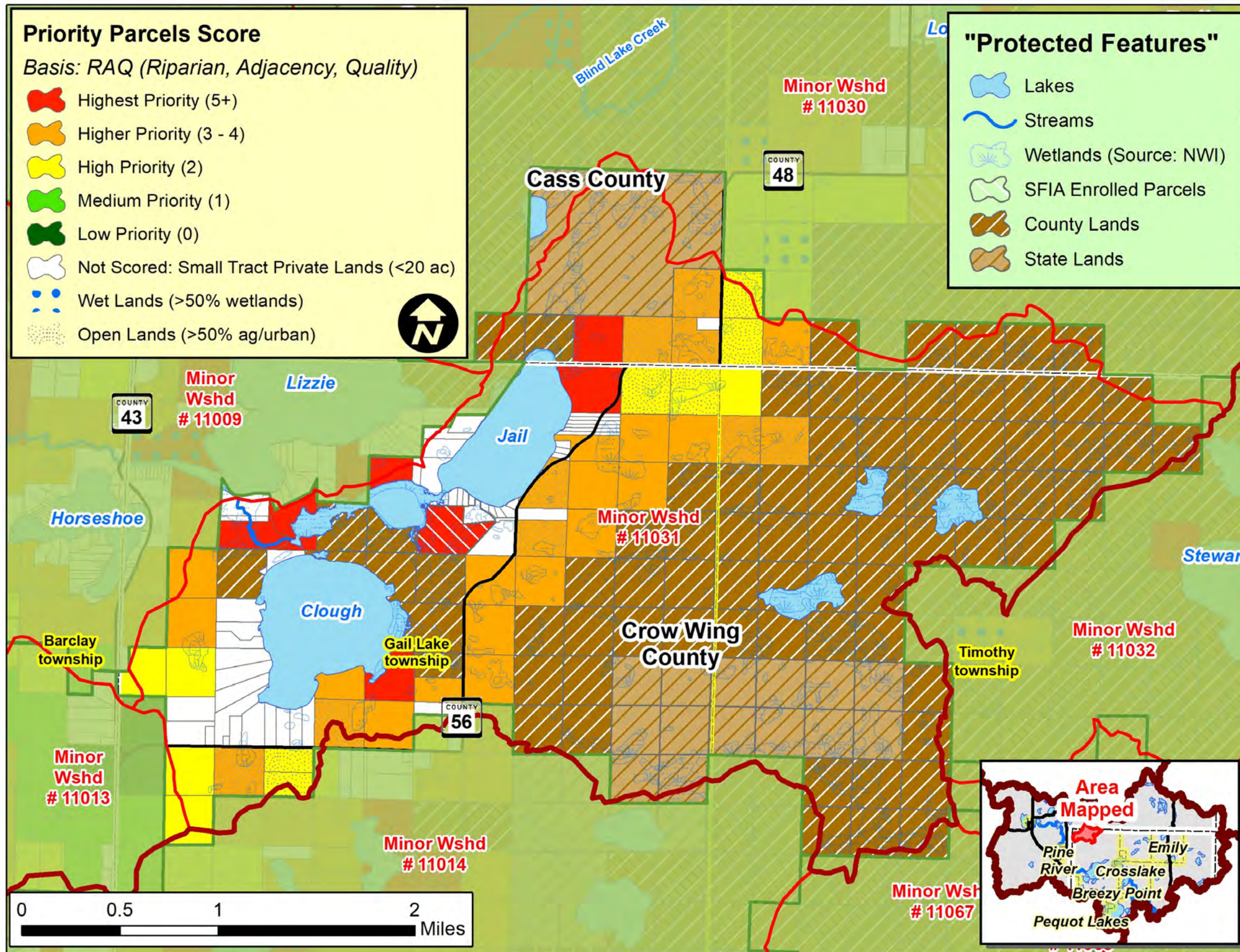
Declining: None

Impaired: Jail Lake

Stable (No Trend): None



RAQ Scoring for Parcels in the Jail Lake Minor Watershed (Minor #11031)



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,
	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 <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 Landscaping 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
			Conservation Easements <ul style="list-style-type: none"> Donated Purchased Fee Title Public Land Acquisition <ul style="list-style-type: none"> Federal State County
<div>Lower Costs, Less Permanent</div> <div>Options</div> <div>Higher Costs, More Permanent</div>			