

## Bad Axe (29020800) Metrics

<b>Health Score</b>	<b>75</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>66</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	73
Total Phosphorus (µg/l)	14
TP Sensitivity Index (inches)	34
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	59
Impairments	None
<b>Biology Score</b>	<b>65</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	82
Fish IBI Score	72
Fish IBI Aquatic Life Use Judgement	Insufficient Data
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	60
Lake Plant Community Quality	47
Plant FQI Score	26
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	58
Plant FQI Minimum % Deviation from Threshold	58
Plant FQI Maximum % Deviation from Threshold	58
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>99</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	99
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	7.6
Watershed to Lake Area Class	5 to 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	72
Percent Grass and Shrub	6
Percent Wetland	3
Percent Pasture and Hay	0
Percent Disturbed	3

Predicted Total Phosphorus Load (pounds/year)	160
Phosphorus Load Reduction Goal (pounds/year)	9

## Belle Taine (29014600) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>66</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	83
Total Phosphorus (µg/l)	10
TP Sensitivity Index (inches)	3
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	49
Impairments	Mercury in fish
<b>Biology Score</b>	<b>52</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	57
Fish IBI Score	50
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	11
Lake Plant Community Quality	48
Plant FQI Score	33
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	61
Plant FQI Minimum % Deviation from Threshold	27
Plant FQI Maximum % Deviation from Threshold	61
Biological Significance Class	High
<b>Hydrology Score</b>	<b>80</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	95
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	48.1
Watershed to Lake Area Class	More than 10
Score the Shore	65
Score the Shore Rating	Low
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	62

Percent Grass and Shrub	4
Percent Wetland	6
Percent Pasture and Hay	5
Percent Disturbed	7
Predicted Total Phosphorus Load (pounds/year)	2720
Phosphorus Load Reduction Goal (pounds/year)	140

## Big Bass (29003200) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>78</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	87
Total Phosphorus (µg/l)	8
TP Sensitivity Index (inches)	104
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	69
Impairments	None
<b>Biology Score</b>	<b>45</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	50
Fish IBI Score	42
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	11
Lake Plant Community Quality	39
Plant FQI Score	26
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	33
Plant FQI Minimum % Deviation from Threshold	33
Plant FQI Maximum % Deviation from Threshold	33
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>88</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	6.4
Watershed to Lake Area Class	5 to 10
Score the Shore	79

Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	52
Percent Grass and Shrub	1
Percent Wetland	1
Percent Pasture and Hay	21
Percent Disturbed	8
Predicted Total Phosphorus Load (pounds/year)	40
Phosphorus Load Reduction Goal (pounds/year)	2

## Big Sand (29018500) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>75</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	88
Total Phosphorus (µg/l)	8
TP Sensitivity Index (inches)	6
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	62
Impairments	Mercury in fish
<b>Biology Score</b>	<b>57</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	69
Fish IBI Score	60
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	33
Lake Plant Community Quality	46
Plant FQI Score	31
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	54
Plant FQI Minimum % Deviation from Threshold	35
Plant FQI Maximum % Deviation from Threshold	54
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>82</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	6

Watershed to Lake Area Ratio	21.8
Watershed to Lake Area Class	More than 10
Score the Shore	66
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	68
Percent Grass and Shrub	5
Percent Wetland	6
Percent Pasture and Hay	1
Percent Disturbed	4
Predicted Total Phosphorus Load (pounds/year)	1700
Phosphorus Load Reduction Goal (pounds/year)	90

## Big Stony (29014300) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>72</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	80
Total Phosphorus (µg/l)	14
TP Sensitivity Index (inches)	17
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	64
Impairments	None
<b>Biology Score</b>	<b>55</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	64
Fish IBI Score	57
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately shallow, heavily vegetated lakes
Fish IBI Lake Type Threshold	24
Fish IBI % Deviation From Threshold	138
Lake Plant Community Quality	45
Plant FQI Score	29
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	54
Plant FQI Minimum % Deviation from Threshold	41
Plant FQI Maximum % Deviation from Threshold	54
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>64</b>

Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	65
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	19.1
Watershed to Lake Area Class	More than 10
Score the Shore	63
Score the Shore Rating	Low
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Highest
Percent Forested	20
Percent Grass and Shrub	1
Percent Wetland	5
Percent Pasture and Hay	11
Percent Disturbed	56
Predicted Total Phosphorus Load (pounds/year)	350
Phosphorus Load Reduction Goal (pounds/year)	20

## Bladder (29008300) Metrics

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>47</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	82
Total Phosphorus (µg/l)	16
TP Sensitivity Index (inches)	96
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	12
Impairments	None
<b>Biology Score</b>	<b>29</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	29
Plant FQI Score	18
Plant FQI Threshold Status	Below Impairment Threshold
Plant FQI % Deviation From Threshold	-1

Plant FQI Minimum % Deviation from Threshold	-1
Plant FQI Maximum % Deviation from Threshold	-1
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>99</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	99
Lake Watershed Transport Capacity Class	1
Watershed to Lake Area Ratio	2.0
Watershed to Lake Area Class	Less than 5
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	39
Percent Grass and Shrub	3
Percent Wetland	3
Percent Pasture and Hay	3
Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	10
Phosphorus Load Reduction Goal (pounds/year)	1

## Blue (29018400) Metrics

<b>Health Score</b>	<b>75</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>84</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	85
Total Phosphorus (µg/l)	9
TP Sensitivity Index (inches)	111
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	82
Impairments	Mercury in fish
<b>Biology Score</b>	<b>58</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	86
Fish IBI Score	75
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	67
Lake Plant Community Quality	31

Plant FQI Score	21
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	3
Plant FQI Minimum % Deviation from Threshold	3
Plant FQI Maximum % Deviation from Threshold	25
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>87</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	1
Watershed to Lake Area Ratio	2.8
Watershed to Lake Area Class	Less than 5
Score the Shore	78
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Highest
Percent Forested	36
Percent Grass and Shrub	1
Percent Wetland	3
Percent Pasture and Hay	13
Percent Disturbed	12
Predicted Total Phosphorus Load (pounds/year)	50
Phosphorus Load Reduction Goal (pounds/year)	3

## Boulder (29016200) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>53</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	69
Total Phosphorus (µg/l)	16
TP Sensitivity Index (inches)	28
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	37
Impairments	Mercury in fish
<b>Biology Score</b>	<b>51</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	60
Fish IBI Score	50
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines



Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	32
Lake Plant Community Quality	42
Plant FQI Score	29
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	42
Plant FQI Minimum % Deviation from Threshold	42
Plant FQI Maximum % Deviation from Threshold	48
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>85</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	94
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	7.2
Watershed to Lake Area Class	5 to 10
Score the Shore	75
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	40
Percent Grass and Shrub	3
Percent Wetland	5
Percent Pasture and Hay	19
Percent Disturbed	16
Predicted Total Phosphorus Load (pounds/year)	190
Phosphorus Load Reduction Goal (pounds/year)	10

## Cedar (29031200) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>56</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	66
Total Phosphorus (µg/l)	18
TP Sensitivity Index (inches)	65
TP Sensitivity Significance Priority Class	High
Water Clarity Score	46
Impairments	None
<b>Biology Score</b>	<b>40</b>
Biology Score Major Watershed Mean	50

Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	40
Plant FQI Score	26
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	34
Plant FQI Minimum % Deviation from Threshold	15
Plant FQI Maximum % Deviation from Threshold	34
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>100</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	100
Lake Watershed Transport Capacity Class	1
Watershed to Lake Area Ratio	4.6
Watershed to Lake Area Class	Less than 5
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	64
Percent Grass and Shrub	2
Percent Wetland	9
Percent Pasture and Hay	3
Percent Disturbed	1
Predicted Total Phosphorus Load (pounds/year)	40
Phosphorus Load Reduction Goal (pounds/year)	2

## Coon (29027700) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>76</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	77
Total Phosphorus (µg/l)	12
TP Sensitivity Index (inches)	32
TP Sensitivity Significance Priority Class	High
Water Clarity Score	75

Impairments	None
<b>Biology Score</b>	<b>35</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	35
Plant FQI Score	24
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	19
Plant FQI Minimum % Deviation from Threshold	19
Plant FQI Maximum % Deviation from Threshold	19
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>98</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	41.0
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	80
Percent Grass and Shrub	8
Percent Wetland	4
Percent Pasture and Hay	1
Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	170
Phosphorus Load Reduction Goal (pounds/year)	9

## Dead (29011000) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>62</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	73

Total Phosphorus (µg/l)	14
TP Sensitivity Index (inches)	9
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	52
Impairments	None
<b>Biology Score</b>	<b>51</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	62
Fish IBI Score	54
Fish IBI Aquatic Life Use Judgement	Insufficient Data
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	20
Lake Plant Community Quality	40
Plant FQI Score	27
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	36
Plant FQI Minimum % Deviation from Threshold	36
Plant FQI Maximum % Deviation from Threshold	36
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>94</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	107.8
Watershed to Lake Area Class	More than 10
Score the Shore	90
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	75
Percent Grass and Shrub	4
Percent Wetland	5
Percent Pasture and Hay	3
Percent Disturbed	4
Predicted Total Phosphorus Load (pounds/year)	690
Phosphorus Load Reduction Goal (pounds/year)	30

## Deer (29009000) Metrics

**Health Score** **65**

Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>62</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	75
Total Phosphorus (µg/l)	13
TP Sensitivity Index (inches)	70
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	49
Impairments	None
<b>Biology Score</b>	<b>51</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	51
Plant FQI Score	28
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	71
Plant FQI Minimum % Deviation from Threshold	71
Plant FQI Maximum % Deviation from Threshold	71
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>86</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	94
Lake Watershed Transport Capacity Class	1
Watershed to Lake Area Ratio	4.7
Watershed to Lake Area Class	Less than 5
Score the Shore	78
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Highest
Percent Forested	38
Percent Grass and Shrub	7
Percent Wetland	8
Percent Pasture and Hay	12
Percent Disturbed	17
Predicted Total Phosphorus Load (pounds/year)	40
Phosphorus Load Reduction Goal (pounds/year)	2

## Duck (29014200) Metrics

<b>Health Score</b>	<b>55</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>59</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	73
Total Phosphorus (µg/l)	18
TP Sensitivity Index (inches)	13
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	45
Impairments	None
<b>Biology Score</b>	<b>47</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	64
Fish IBI Score	54
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	42
Lake Plant Community Quality	29
Plant FQI Score	18
Plant FQI Threshold Status	Below Impairment Threshold
Plant FQI % Deviation From Threshold	-1
Plant FQI Minimum % Deviation from Threshold	-1
Plant FQI Maximum % Deviation from Threshold	6
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>62</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	59
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	16.9
Watershed to Lake Area Class	More than 10
Score the Shore	66
Score the Shore Rating	Low
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Highest
Percent Forested	18
Percent Grass and Shrub	2
Percent Wetland	4
Percent Pasture and Hay	4

Percent Disturbed	65
Predicted Total Phosphorus Load (pounds/year)	410
Phosphorus Load Reduction Goal (pounds/year)	20

## Eagle (29025600) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>51</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	65
Total Phosphorus (µg/l)	19
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	High
Water Clarity Score	37
Impairments	Mercury in fish
<b>Biology Score</b>	<b>67</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	86
Fish IBI Score	75
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	67
Lake Plant Community Quality	49
Plant FQI Score	33
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	65
Plant FQI Minimum % Deviation from Threshold	25
Plant FQI Maximum % Deviation from Threshold	71
Biological Significance Class	Moderate
<b>Hydrology Score</b>	<b>87</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	292.5
Watershed to Lake Area Class	More than 10
Score the Shore	77
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	64

Percent Grass and Shrub	4
Percent Wetland	17
Percent Pasture and Hay	4
Percent Disturbed	5
Predicted Total Phosphorus Load (pounds/year)	6930
Phosphorus Load Reduction Goal (pounds/year)	350

## East Crooked (29010101) Metrics

<b>Health Score</b>	<b>75</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>85</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	91
Total Phosphorus (µg/l)	8
TP Sensitivity Index (inches)	22
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	80
Impairments	Mercury in fish
<b>Biology Score</b>	<b>55</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	70
Fish IBI Score	61
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	36
Lake Plant Community Quality	40
Plant FQI Score	27
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	34
Plant FQI Minimum % Deviation from Threshold	34
Plant FQI Maximum % Deviation from Threshold	48
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>91</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	27.6
Watershed to Lake Area Class	More than 10
Score the Shore	83



Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	79
Percent Grass and Shrub	4
Percent Wetland	3
Percent Pasture and Hay	4
Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	410
Phosphorus Load Reduction Goal (pounds/year)	20

## **Eighth Crow Wing (29007200) Metrics**

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>30</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	49
Total Phosphorus (µg/l)	32
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	Impaired
Water Clarity Score	11
Impairments	Mercury in fish, Nutrients
<b>Biology Score</b>	<b>65</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	92
Fish IBI Score	77
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	103
Lake Plant Community Quality	38
Plant FQI Score	26
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	27
Plant FQI Minimum % Deviation from Threshold	22
Plant FQI Maximum % Deviation from Threshold	33
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>89</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	94

Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	49.8
Watershed to Lake Area Class	More than 10
Score the Shore	83
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	64
Percent Grass and Shrub	4
Percent Wetland	5
Percent Pasture and Hay	10
Percent Disturbed	7
Predicted Total Phosphorus Load (pounds/year)	3100
Phosphorus Load Reduction Goal (pounds/year)	150

## leventh Crow Wing (East) (29003602) Metrics

<b>Health Score</b>	<b>80</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>65</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	80
Total Phosphorus (µg/l)	11
TP Sensitivity Index (inches)	11
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	51
Impairments	Mercury in fish
<b>Biology Score</b>	<b>Not Evaluated</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	Not Evaluated
Plant FQI Score	Not Evaluated
Plant FQI Threshold Status	Not Evaluated
Plant FQI % Deviation From Threshold	Not Evaluated
Plant FQI Minimum % Deviation from Threshold	Not Evaluated
Plant FQI Maximum % Deviation from Threshold	Not Evaluated

Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>96</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	59.9
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	70
Percent Grass and Shrub	4
Percent Wetland	5
Percent Pasture and Hay	7
Percent Disturbed	6
Predicted Total Phosphorus Load (pounds/year)	730
Phosphorus Load Reduction Goal (pounds/year)	40

## Eleventh Crow Wing (Main) (29003601) Metrics

<b>Health Score</b>	<b>80</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>68</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	80
Total Phosphorus (µg/l)	11
TP Sensitivity Index (inches)	9
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	56
Impairments	Mercury in fish
<b>Biology Score</b>	<b>Not Evaluated</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	Not Evaluated
Plant FQI Score	Not Evaluated

Plant FQI Threshold Status	Not Evaluated
Plant FQI % Deviation From Threshold	Not Evaluated
Plant FQI Minimum % Deviation from Threshold	Not Evaluated
Plant FQI Maximum % Deviation from Threshold	Not Evaluated
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>96</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	34.1
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	70
Percent Grass and Shrub	4
Percent Wetland	5
Percent Pasture and Hay	7
Percent Disturbed	6
Predicted Total Phosphorus Load (pounds/year)	870
Phosphorus Load Reduction Goal (pounds/year)	40

## mma (29018600) Metrics

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>63</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	71
Total Phosphorus (µg/l)	15
TP Sensitivity Index (inches)	5
TP Sensitivity Significance Priority Class	High
Water Clarity Score	54
Impairments	None
<b>Biology Score</b>	<b>40</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated

Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	40
Plant FQI Score	27
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	36
Plant FQI Minimum % Deviation from Threshold	32
Plant FQI Maximum % Deviation from Threshold	36
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>83</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	397.4
Watershed to Lake Area Class	More than 10
Score the Shore	69
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	72
Percent Grass and Shrub	6
Percent Wetland	6
Percent Pasture and Hay	1
Percent Disturbed	4
Predicted Total Phosphorus Load (pounds/year)	1340
Phosphorus Load Reduction Goal (pounds/year)	70

## **Fifth Crow Wing (29009200) Metrics**

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>43</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	59
Total Phosphorus (µg/l)	23
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	High
Water Clarity Score	27
Impairments	Mercury in fish
<b>Biology Score</b>	<b>64</b>
Biology Score Major Watershed Mean	50

Fish Community Quality	86
Fish IBI Score	72
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	89
Lake Plant Community Quality	43
Plant FQI Score	29
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	45
Plant FQI Minimum % Deviation from Threshold	45
Plant FQI Maximum % Deviation from Threshold	53
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>86</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	92
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	269.1
Watershed to Lake Area Class	More than 10
Score the Shore	80
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	60
Percent Grass and Shrub	4
Percent Wetland	6
Percent Pasture and Hay	8
Percent Disturbed	9
Predicted Total Phosphorus Load (pounds/year)	6960
Phosphorus Load Reduction Goal (pounds/year)	350

## First Crow Wing (29008600) Metrics

<b>Health Score</b>	<b>55</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>33</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	52
Total Phosphorus (µg/l)	57
TP Sensitivity Index (inches)	0
TP Sensitivity Significance Priority Class	Impaired

Water Clarity Score	14
Impairments	Nutrients
<b>Biology Score</b>	<b>39</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	39
Plant FQI Score	25
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	33
Plant FQI Minimum % Deviation from Threshold	7
Plant FQI Maximum % Deviation from Threshold	58
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>88</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	89
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	318.8
Watershed to Lake Area Class	More than 10
Score the Shore	87
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	55
Percent Grass and Shrub	5
Percent Wetland	9
Percent Pasture and Hay	7
Percent Disturbed	12
Predicted Total Phosphorus Load (pounds/year)	20960
Phosphorus Load Reduction Goal (pounds/year)	1050

## Fish Hook (29024200) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>52</b>
Water Quality Score Major Watershed Mean	55

Total Phosphorus (TP) Score	70
Total Phosphorus (µg/l)	16
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	34
Impairments	Mercury in fish
<b>Biology Score</b>	<b>63</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	82
Fish IBI Score	72
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	60
Lake Plant Community Quality	44
Plant FQI Score	30
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	48
Plant FQI Minimum % Deviation from Threshold	45
Plant FQI Maximum % Deviation from Threshold	72
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>77</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	95
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	94.3
Watershed to Lake Area Class	More than 10
Score the Shore	59
Score the Shore Rating	Low
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	61
Percent Grass and Shrub	4
Percent Wetland	16
Percent Pasture and Hay	5
Percent Disturbed	5
Predicted Total Phosphorus Load (pounds/year)	9080
Phosphorus Load Reduction Goal (pounds/year)	450

## Fourth Crow Wing (29007800) Metrics



<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>69</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	73
Total Phosphorus (µg/l)	24
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	High
Water Clarity Score	66
Impairments	Mercury in fish
<b>Biology Score</b>	<b>49</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	56
Fish IBI Score	50
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately shallow, heavily vegetated lakes
Fish IBI Lake Type Threshold	24
Fish IBI % Deviation From Threshold	108
Lake Plant Community Quality	42
Plant FQI Score	25
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	42
Plant FQI Minimum % Deviation from Threshold	28
Plant FQI Maximum % Deviation from Threshold	57
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>85</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	90
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	285.2
Watershed to Lake Area Class	More than 10
Score the Shore	81
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	57
Percent Grass and Shrub	4
Percent Wetland	7
Percent Pasture and Hay	8
Percent Disturbed	12
Predicted Total Phosphorus Load (pounds/year)	6780
Phosphorus Load Reduction Goal (pounds/year)	340

## Gilmore (29018800) Metrics

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>72</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	84
Total Phosphorus (µg/l)	10
TP Sensitivity Index (inches)	15
TP Sensitivity Significance Priority Class	High
Water Clarity Score	59
Impairments	None
<b>Biology Score</b>	<b>28</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	28
Plant FQI Score	19
Plant FQI Threshold Status	Below Impairment Threshold
Plant FQI % Deviation From Threshold	-6
Plant FQI Minimum % Deviation from Threshold	-6
Plant FQI Maximum % Deviation from Threshold	-6
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>85</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	190.9
Watershed to Lake Area Class	More than 10
Score the Shore	73
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	71
Percent Grass and Shrub	4
Percent Wetland	7
Percent Pasture and Hay	5

Percent Disturbed	5
Predicted Total Phosphorus Load (pounds/year)	550
Phosphorus Load Reduction Goal (pounds/year)	30

## Ham (29001700) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>49</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	75
Total Phosphorus (µg/l)	13
TP Sensitivity Index (inches)	25
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	23
Impairments	Mercury in fish
<b>Biology Score</b>	<b>45</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	45
Plant FQI Score	25
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	51
Plant FQI Minimum % Deviation from Threshold	51
Plant FQI Maximum % Deviation from Threshold	51
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>96</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	22.8
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High

Percent Forested	55
Percent Grass and Shrub	5
Percent Wetland	7
Percent Pasture and Hay	18
Percent Disturbed	7
Predicted Total Phosphorus Load (pounds/year)	220
Phosphorus Load Reduction Goal (pounds/year)	10

## Hinds (29024900) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>68</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	78
Total Phosphorus (µg/l)	14
TP Sensitivity Index (inches)	16
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	58
Impairments	None
<b>Biology Score</b>	<b>56</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	62
Fish IBI Score	52
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	37
Lake Plant Community Quality	50
Plant FQI Score	30
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	69
Plant FQI Minimum % Deviation from Threshold	51
Plant FQI Maximum % Deviation from Threshold	69
Biological Significance Class	Moderate
<b>Hydrology Score</b>	<b>80</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	80
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	20.9
Watershed to Lake Area Class	More than 10

Score the Shore	80
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	39
Percent Grass and Shrub	5
Percent Wetland	10
Percent Pasture and Hay	12
Percent Disturbed	27
Predicted Total Phosphorus Load (pounds/year)	390
Phosphorus Load Reduction Goal (pounds/year)	20

## Ida (29017000) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>70</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	85
Total Phosphorus (µg/l)	9
TP Sensitivity Index (inches)	11
TP Sensitivity Significance Priority Class	High
Water Clarity Score	55
Impairments	None
<b>Biology Score</b>	<b>41</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	41
Plant FQI Score	28
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	37
Plant FQI Minimum % Deviation from Threshold	29
Plant FQI Maximum % Deviation from Threshold	37
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>97</b>
Hydrology Score Major Watershed Mean	88

Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	502.8
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	68
Percent Grass and Shrub	5
Percent Wetland	6
Percent Pasture and Hay	2
Percent Disturbed	5
Predicted Total Phosphorus Load (pounds/year)	840
Phosphorus Load Reduction Goal (pounds/year)	40

## Indian (29007400) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>82</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	87
Total Phosphorus (µg/l)	9
TP Sensitivity Index (inches)	135
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	77
Impairments	None
<b>Biology Score</b>	<b>36</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	36
Plant FQI Score	25
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	21
Plant FQI Minimum % Deviation from Threshold	21

Plant FQI Maximum % Deviation from Threshold	32
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>97</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	6.2
Watershed to Lake Area Class	5 to 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	55
Percent Grass and Shrub	5
Percent Wetland	0
Percent Pasture and Hay	17
Percent Disturbed	7
Predicted Total Phosphorus Load (pounds/year)	20
Phosphorus Load Reduction Goal (pounds/year)	1

## Island (29008800) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>64</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	78
Total Phosphorus (µg/l)	14
TP Sensitivity Index (inches)	53
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	49
Impairments	None
<b>Biology Score</b>	<b>46</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	49
Fish IBI Score	41
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	8
Lake Plant Community Quality	44

Plant FQI Score	28
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	49
Plant FQI Minimum % Deviation from Threshold	49
Plant FQI Maximum % Deviation from Threshold	52
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>94</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	5.7
Watershed to Lake Area Class	5 to 10
Score the Shore	89
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	38
Percent Grass and Shrub	6
Percent Wetland	30
Percent Pasture and Hay	0
Percent Disturbed	5
Predicted Total Phosphorus Load (pounds/year)	80
Phosphorus Load Reduction Goal (pounds/year)	4

## **sland (29025400) Metrics**

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>46</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	63
Total Phosphorus (µg/l)	20
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	High
Water Clarity Score	29
Impairments	Mercury in fish
<b>Biology Score</b>	<b>63</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	85
Fish IBI Score	74
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines



Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	64
Lake Plant Community Quality	41
Plant FQI Score	28
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	39
Plant FQI Minimum % Deviation from Threshold	34
Plant FQI Maximum % Deviation from Threshold	47
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>82</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	223.1
Watershed to Lake Area Class	More than 10
Score the Shore	69
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	64
Percent Grass and Shrub	4
Percent Wetland	17
Percent Pasture and Hay	4
Percent Disturbed	5
Predicted Total Phosphorus Load (pounds/year)	7480
Phosphorus Load Reduction Goal (pounds/year)	370

## Little Mantrap (29031300) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>64</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	80
Total Phosphorus (µg/l)	11
TP Sensitivity Index (inches)	33
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	48
Impairments	Mercury in fish
<b>Biology Score</b>	<b>51</b>
Biology Score Major Watershed Mean	50

Fish Community Quality	56
Fish IBI Score	49
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	9
Lake Plant Community Quality	45
Plant FQI Score	31
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	53
Plant FQI Minimum % Deviation from Threshold	48
Plant FQI Maximum % Deviation from Threshold	53
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>89</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	9.8
Watershed to Lake Area Class	5 to 10
Score the Shore	79
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	67
Percent Grass and Shrub	5
Percent Wetland	8
Percent Pasture and Hay	5
Percent Disturbed	5
Predicted Total Phosphorus Load (pounds/year)	190
Phosphorus Load Reduction Goal (pounds/year)	10

## Little Sand (29015000) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>69</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	88
Total Phosphorus (µg/l)	8
TP Sensitivity Index (inches)	5
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	50

Impairments	Mercury in fish
<b>Biology Score</b>	<b>50</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	62
Fish IBI Score	54
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	20
Lake Plant Community Quality	39
Plant FQI Score	27
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	32
Plant FQI Minimum % Deviation from Threshold	30
Plant FQI Maximum % Deviation from Threshold	36
Biological Significance Class	High
<b>Hydrology Score</b>	<b>82</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	137.8
Watershed to Lake Area Class	More than 10
Score the Shore	68
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	68
Percent Grass and Shrub	4
Percent Wetland	6
Percent Pasture and Hay	3
Percent Disturbed	5
Predicted Total Phosphorus Load (pounds/year)	1750
Phosphorus Load Reduction Goal (pounds/year)	90

## Long (29016100) Metrics

<b>Health Score</b>	<b>75</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>79</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	81
Total Phosphorus (µg/l)	13

TP Sensitivity Index (inches)	8
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	77
Impairments	Mercury in fish
<b>Biology Score</b>	<b>63</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	87
Fish IBI Score	76
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	69
Lake Plant Community Quality	39
Plant FQI Score	24
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	30
Plant FQI Minimum % Deviation from Threshold	30
Plant FQI Maximum % Deviation from Threshold	46
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>82</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	89
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	7.8
Watershed to Lake Area Class	5 to 10
Score the Shore	75
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Highest
Percent Forested	38
Percent Grass and Shrub	2
Percent Wetland	2
Percent Pasture and Hay	13
Percent Disturbed	29
Predicted Total Phosphorus Load (pounds/year)	1070
Phosphorus Load Reduction Goal (pounds/year)	50

## Loon (29002000) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66

<b>Water Quality Score</b>	<b>35</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	67
Total Phosphorus (µg/l)	17
TP Sensitivity Index (inches)	24
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	2
Impairments	None
<b>Biology Score</b>	<b>Not Evaluated</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	Not Evaluated
Plant FQI Score	Not Evaluated
Plant FQI Threshold Status	Not Evaluated
Plant FQI % Deviation From Threshold	Not Evaluated
Plant FQI Minimum % Deviation from Threshold	Not Evaluated
Plant FQI Maximum % Deviation from Threshold	Not Evaluated
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>90</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	90
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	29.1
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	59
Percent Grass and Shrub	8
Percent Wetland	8
Percent Pasture and Hay	6
Percent Disturbed	15
Predicted Total Phosphorus Load (pounds/year)	190
Phosphorus Load Reduction Goal (pounds/year)	10

## Lord (29024800) Metrics

<b>Health Score</b>	<b>80</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>76</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	80
Total Phosphorus (µg/l)	14
TP Sensitivity Index (inches)	32
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	73
Impairments	None
<b>Biology Score</b>	<b>Not Evaluated</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	Not Evaluated
Plant FQI Score	Not Evaluated
Plant FQI Threshold Status	Not Evaluated
Plant FQI % Deviation From Threshold	Not Evaluated
Plant FQI Minimum % Deviation from Threshold	Not Evaluated
Plant FQI Maximum % Deviation from Threshold	Not Evaluated
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>79</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	79
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	64.6
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	41
Percent Grass and Shrub	1
Percent Wetland	6
Percent Pasture and Hay	15
Percent Disturbed	34
Predicted Total Phosphorus Load (pounds/year)	160

## Lower Bottle (29018000) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>64</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	79
Total Phosphorus (µg/l)	11
TP Sensitivity Index (inches)	5
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	48
Impairments	Mercury in fish
<b>Biology Score</b>	<b>55</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	70
Fish IBI Score	61
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	36
Lake Plant Community Quality	40
Plant FQI Score	27
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	35
Plant FQI Minimum % Deviation from Threshold	35
Plant FQI Maximum % Deviation from Threshold	35
Biological Significance Class	Moderate
<b>Hydrology Score</b>	<b>89</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	48.4
Watershed to Lake Area Class	More than 10
Score the Shore	80
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	72
Percent Grass and Shrub	6

Percent Wetland	6
Percent Pasture and Hay	1
Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	1540
Phosphorus Load Reduction Goal (pounds/year)	80

## Mantrap (29015100) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>50</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	66
Total Phosphorus (µg/l)	18
TP Sensitivity Index (inches)	4
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	35
Impairments	None
<b>Biology Score</b>	<b>62</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	65
Fish IBI Score	57
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	27
Lake Plant Community Quality	58
Plant FQI Score	33
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	97
Plant FQI Minimum % Deviation from Threshold	97
Plant FQI Maximum % Deviation from Threshold	133
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>93</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	12.3
Watershed to Lake Area Class	More than 10
Score the Shore	88
Score the Shore Rating	High



<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	75
Percent Grass and Shrub	5
Percent Wetland	6
Percent Pasture and Hay	1
Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	1640
Phosphorus Load Reduction Goal (pounds/year)	80

## Middle Crooked (29010102) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>57</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	72
Total Phosphorus (µg/l)	14
TP Sensitivity Index (inches)	11
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	41
Impairments	None
<b>Biology Score</b>	<b>45</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	45
Plant FQI Score	30
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	51
Plant FQI Minimum % Deviation from Threshold	29
Plant FQI Maximum % Deviation from Threshold	51
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>98</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	5

Watershed to Lake Area Ratio	41.7
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	77
Percent Grass and Shrub	4
Percent Wetland	4
Percent Pasture and Hay	4
Percent Disturbed	4
Predicted Total Phosphorus Load (pounds/year)	560
Phosphorus Load Reduction Goal (pounds/year)	30

## Moran (29024700) Metrics

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>82</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	84
Total Phosphorus (µg/l)	15
TP Sensitivity Index (inches)	44
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	80
Impairments	None
<b>Biology Score</b>	<b>38</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	38
Plant FQI Score	23
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	29
Plant FQI Minimum % Deviation from Threshold	29
Plant FQI Maximum % Deviation from Threshold	41
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>66</b>

Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	63
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	17.7
Watershed to Lake Area Class	More than 10
Score the Shore	69
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	25
Percent Grass and Shrub	1
Percent Wetland	3
Percent Pasture and Hay	7
Percent Disturbed	59
Predicted Total Phosphorus Load (pounds/year)	90
Phosphorus Load Reduction Goal (pounds/year)	5

## Mow (29000200) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>64</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	82
Total Phosphorus (µg/l)	10
TP Sensitivity Index (inches)	43
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	47
Impairments	None
<b>Biology Score</b>	<b>36</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	36
Plant FQI Score	24
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	20

Plant FQI Minimum % Deviation from Threshold	-6
Plant FQI Maximum % Deviation from Threshold	20
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>92</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	92
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	29.7
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	54
Percent Grass and Shrub	12
Percent Wetland	4
Percent Pasture and Hay	11
Percent Disturbed	13
Predicted Total Phosphorus Load (pounds/year)	130
Phosphorus Load Reduction Goal (pounds/year)	7

## Nagel (29000300) Metrics

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>57</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	64
Total Phosphorus (µg/l)	19
TP Sensitivity Index (inches)	17
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	49
Impairments	None
<b>Biology Score</b>	<b>31</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated

Lake Plant Community Quality	31
Plant FQI Score	21
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	6
Plant FQI Minimum % Deviation from Threshold	6
Plant FQI Maximum % Deviation from Threshold	40
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>85</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	91
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	50.4
Watershed to Lake Area Class	More than 10
Score the Shore	79
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	54
Percent Grass and Shrub	11
Percent Wetland	4
Percent Pasture and Hay	11
Percent Disturbed	14
Predicted Total Phosphorus Load (pounds/year)	270
Phosphorus Load Reduction Goal (pounds/year)	10

## Ninth Crow Wing (29002500) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>51</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	63
Total Phosphorus (µg/l)	20
TP Sensitivity Index (inches)	4
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	38
Impairments	None
<b>Biology Score</b>	<b>68</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	99
Fish IBI Score	86

Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	91
Lake Plant Community Quality	38
Plant FQI Score	26
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	27
Plant FQI Minimum % Deviation from Threshold	27
Plant FQI Maximum % Deviation from Threshold	39
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>92</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	94
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	98.7
Watershed to Lake Area Class	More than 10
Score the Shore	90
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	64
Percent Grass and Shrub	5
Percent Wetland	6
Percent Pasture and Hay	10
Percent Disturbed	7
Predicted Total Phosphorus Load (pounds/year)	1600
Phosphorus Load Reduction Goal (pounds/year)	80

## Ojibway (29014900) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>60</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	69
Total Phosphorus (µg/l)	16
TP Sensitivity Index (inches)	8
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	51
Impairments	None

<b>Biology Score</b>	<b>43</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	43
Plant FQI Score	29
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	46
Plant FQI Minimum % Deviation from Threshold	46
Plant FQI Maximum % Deviation from Threshold	60
Biological Significance Class	High
<b>Hydrology Score</b>	<b>86</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	79.0
Watershed to Lake Area Class	More than 10
Score the Shore	76
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	74
Percent Grass and Shrub	4
Percent Wetland	5
Percent Pasture and Hay	3
Percent Disturbed	4
Predicted Total Phosphorus Load (pounds/year)	760
Phosphorus Load Reduction Goal (pounds/year)	40

## Peysenske (29016900) Metrics

<b>Health Score</b>	<b>75</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>83</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	83
Total Phosphorus (µg/l)	16

TP Sensitivity Index (inches)	44
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	82
Impairments	None
<b>Biology Score</b>	<b>53</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	53
Plant FQI Score	32
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	81
Plant FQI Minimum % Deviation from Threshold	43
Plant FQI Maximum % Deviation from Threshold	81
Biological Significance Class	High
<b>Hydrology Score</b>	<b>88</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	88
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	6.7
Watershed to Lake Area Class	5 to 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Highest
Percent Forested	42
Percent Grass and Shrub	1
Percent Wetland	2
Percent Pasture and Hay	9
Percent Disturbed	32
Predicted Total Phosphorus Load (pounds/year)	90
Phosphorus Load Reduction Goal (pounds/year)	5

## Pickrel (29017800) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>54</b>



Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	70
Total Phosphorus (µg/l)	16
TP Sensitivity Index (inches)	28
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	38
Impairments	Mercury in fish
<b>Biology Score</b>	<b>66</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	82
Fish IBI Score	73
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately shallow, heavily vegetated lakes
Fish IBI Lake Type Threshold	24
Fish IBI % Deviation From Threshold	204
Lake Plant Community Quality	50
Plant FQI Score	34
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	69
Plant FQI Minimum % Deviation from Threshold	51
Plant FQI Maximum % Deviation from Threshold	69
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>84</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	9.0
Watershed to Lake Area Class	5 to 10
Score the Shore	71
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	65
Percent Grass and Shrub	4
Percent Wetland	7
Percent Pasture and Hay	4
Percent Disturbed	9
Predicted Total Phosphorus Load (pounds/year)	180
Phosphorus Load Reduction Goal (pounds/year)	9

## Portage (29025000) Metrics

<b>Health Score</b>	<b>55</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>31</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	40
Total Phosphorus (µg/l)	45
TP Sensitivity Index (inches)	6
TP Sensitivity Significance Priority Class	Impaired
Water Clarity Score	22
Impairments	Mercury in fish, Nutrients
<b>Biology Score</b>	<b>46</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Assessable
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	46
Plant FQI Score	26
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	55
Plant FQI Minimum % Deviation from Threshold	1
Plant FQI Maximum % Deviation from Threshold	105
Biological Significance Class	Moderate
<b>Hydrology Score</b>	<b>88</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	7.1
Watershed to Lake Area Class	5 to 10
Score the Shore	78
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	62
Percent Grass and Shrub	2
Percent Wetland	3
Percent Pasture and Hay	12

Percent Disturbed	7
Predicted Total Phosphorus Load (pounds/year)	570
Phosphorus Load Reduction Goal (pounds/year)	30

## Potato (29024300) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>56</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	75
Total Phosphorus (µg/l)	13
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	38
Impairments	Mercury in fish
<b>Biology Score</b>	<b>61</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	80
Fish IBI Score	70
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	56
Lake Plant Community Quality	42
Plant FQI Score	28
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	41
Plant FQI Minimum % Deviation from Threshold	40
Plant FQI Maximum % Deviation from Threshold	41
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>85</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	66.2
Watershed to Lake Area Class	More than 10
Score the Shore	74
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	62

Percent Grass and Shrub	4
Percent Wetland	16
Percent Pasture and Hay	4
Percent Disturbed	5
Predicted Total Phosphorus Load (pounds/year)	7700
Phosphorus Load Reduction Goal (pounds/year)	390

## Rice (29017700) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>42</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	56
Total Phosphorus (µg/l)	25
TP Sensitivity Index (inches)	10
TP Sensitivity Significance Priority Class	High
Water Clarity Score	29
Impairments	None
<b>Biology Score</b>	<b>Not Evaluated</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	Not Evaluated
Plant FQI Score	Not Evaluated
Plant FQI Threshold Status	Not Evaluated
Plant FQI % Deviation From Threshold	Not Evaluated
Plant FQI Minimum % Deviation from Threshold	Not Evaluated
Plant FQI Maximum % Deviation from Threshold	Not Evaluated
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>96</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	30.9
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated

<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	59
Percent Grass and Shrub	5
Percent Wetland	13
Percent Pasture and Hay	5
Percent Disturbed	6
Predicted Total Phosphorus Load (pounds/year)	430
Phosphorus Load Reduction Goal (pounds/year)	20

## Second Crow Wing (29008500) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>60</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	66
Total Phosphorus (µg/l)	23
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	High
Water Clarity Score	54
Impairments	None
<b>Biology Score</b>	<b>48</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	58
Fish IBI Score	49
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	29
Lake Plant Community Quality	39
Plant FQI Score	24
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	31
Plant FQI Minimum % Deviation from Threshold	31
Plant FQI Maximum % Deviation from Threshold	36
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>80</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	89
Lake Watershed Transport Capacity Class	7

Watershed to Lake Area Ratio	652.5
Watershed to Lake Area Class	More than 10
Score the Shore	71
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	56
Percent Grass and Shrub	4
Percent Wetland	8
Percent Pasture and Hay	8
Percent Disturbed	12
Predicted Total Phosphorus Load (pounds/year)	7670
Phosphorus Load Reduction Goal (pounds/year)	380

## Seventh Crow Wing (29009100) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>33</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	54
Total Phosphorus (µg/l)	27
TP Sensitivity Index (inches)	2
TP Sensitivity Significance Priority Class	High
Water Clarity Score	13
Impairments	Mercury in fish
<b>Biology Score</b>	<b>65</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	93
Fish IBI Score	78
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	105
Lake Plant Community Quality	36
Plant FQI Score	25
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	22
Plant FQI Minimum % Deviation from Threshold	19
Plant FQI Maximum % Deviation from Threshold	22
Biological Significance Class	Outstanding

<b>Hydrology Score</b>	<b>91</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	93
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	106.6
Watershed to Lake Area Class	More than 10
Score the Shore	88
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	61
Percent Grass and Shrub	4
Percent Wetland	5
Percent Pasture and Hay	11
Percent Disturbed	9
Predicted Total Phosphorus Load (pounds/year)	2600
Phosphorus Load Reduction Goal (pounds/year)	130

## Shallow (29008900) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>52</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	76
Total Phosphorus (µg/l)	13
TP Sensitivity Index (inches)	4
TP Sensitivity Significance Priority Class	High
Water Clarity Score	29
Impairments	None
<b>Biology Score</b>	<b>53</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	53
Plant FQI Score	30
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	78

Plant FQI Minimum % Deviation from Threshold	27
Plant FQI Maximum % Deviation from Threshold	134
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>88</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	95
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	233.6
Watershed to Lake Area Class	More than 10
Score the Shore	81
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	65
Percent Grass and Shrub	4
Percent Wetland	7
Percent Pasture and Hay	4
Percent Disturbed	6
Predicted Total Phosphorus Load (pounds/year)	1950
Phosphorus Load Reduction Goal (pounds/year)	100

## Sixth Crow Wing (29009300) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>44</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	59
Total Phosphorus (µg/l)	22
TP Sensitivity Index (inches)	2
TP Sensitivity Significance Priority Class	High
Water Clarity Score	28
Impairments	Mercury in fish
<b>Biology Score</b>	<b>70</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	100
Fish IBI Score	84
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	121
Lake Plant Community Quality	39



Plant FQI Score	27
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	33
Plant FQI Minimum % Deviation from Threshold	33
Plant FQI Maximum % Deviation from Threshold	38
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>91</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	93
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	88.9
Watershed to Lake Area Class	More than 10
Score the Shore	88
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	61
Percent Grass and Shrub	4
Percent Wetland	6
Percent Pasture and Hay	11
Percent Disturbed	9
Predicted Total Phosphorus Load (pounds/year)	2390
Phosphorus Load Reduction Goal (pounds/year)	120

## Skunk (29021200) Metrics

<b>Health Score</b>	<b>80</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>65</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	71
Total Phosphorus (µg/l)	15
TP Sensitivity Index (inches)	37
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	58
Impairments	None
<b>Biology Score</b>	<b>Not Evaluated</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated

Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	Not Evaluated
Plant FQI Score	Not Evaluated
Plant FQI Threshold Status	Not Evaluated
Plant FQI % Deviation From Threshold	Not Evaluated
Plant FQI Minimum % Deviation from Threshold	Not Evaluated
Plant FQI Maximum % Deviation from Threshold	Not Evaluated
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>100</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	100
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	8.6
Watershed to Lake Area Class	5 to 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	80
Percent Grass and Shrub	2
Percent Wetland	4
Percent Pasture and Hay	0
Percent Disturbed	1
Predicted Total Phosphorus Load (pounds/year)	120
Phosphorus Load Reduction Goal (pounds/year)	7

## Spider (29011700) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>61</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	82
Total Phosphorus (µg/l)	10
TP Sensitivity Index (inches)	46
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	39
Impairments	None
<b>Biology Score</b>	<b>61</b>

Biology Score Major Watershed Mean	50
Fish Community Quality	66
Fish IBI Score	58
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	29
Lake Plant Community Quality	55
Plant FQI Score	31
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	87
Plant FQI Minimum % Deviation from Threshold	53
Plant FQI Maximum % Deviation from Threshold	107
Biological Significance Class	Moderate
<b>Hydrology Score</b>	<b>92</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	95
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	5.2
Watershed to Lake Area Class	5 to 10
Score the Shore	90
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Highest
Percent Forested	49
Percent Grass and Shrub	4
Percent Wetland	8
Percent Pasture and Hay	7
Percent Disturbed	14
Predicted Total Phosphorus Load (pounds/year)	140
Phosphorus Load Reduction Goal (pounds/year)	7

## Stocking (29017200) Metrics

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>53</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	56
Total Phosphorus (µg/l)	25
TP Sensitivity Index (inches)	7

TP Sensitivity Significance Priority Class	High
Water Clarity Score	49
Impairments	None
<b>Biology Score</b>	<b>36</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	36
Plant FQI Score	24
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	21
Plant FQI Minimum % Deviation from Threshold	21
Plant FQI Maximum % Deviation from Threshold	21
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>99</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	99
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	78.5
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	78
Percent Grass and Shrub	9
Percent Wetland	4
Percent Pasture and Hay	1
Percent Disturbed	2
Predicted Total Phosphorus Load (pounds/year)	690
Phosphorus Load Reduction Goal (pounds/year)	30

## **Sweitzer (29016400) Metrics**

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>43</b>
Water Quality Score Major Watershed Mean	55

Total Phosphorus (TP) Score	64
Total Phosphorus (µg/l)	19
TP Sensitivity Index (inches)	25
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	22
Impairments	None
<b>Biology Score</b>	<b>Not Evaluated</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	Not Evaluated
Plant FQI Score	Not Evaluated
Plant FQI Threshold Status	Not Evaluated
Plant FQI % Deviation From Threshold	Not Evaluated
Plant FQI Minimum % Deviation from Threshold	Not Evaluated
Plant FQI Maximum % Deviation from Threshold	Not Evaluated
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>81</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	81
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	22.5
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	39
Percent Grass and Shrub	3
Percent Wetland	2
Percent Pasture and Hay	18
Percent Disturbed	30
Predicted Total Phosphorus Load (pounds/year)	160
Phosphorus Load Reduction Goal (pounds/year)	8

## Tenth Crow Wing (29004500) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>54</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	65
Total Phosphorus (µg/l)	18
TP Sensitivity Index (inches)	5
TP Sensitivity Significance Priority Class	High
Water Clarity Score	44
Impairments	Mercury in fish
<b>Biology Score</b>	<b>64</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	92
Fish IBI Score	77
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	103
Lake Plant Community Quality	36
Plant FQI Score	24
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	21
Plant FQI Minimum % Deviation from Threshold	21
Plant FQI Maximum % Deviation from Threshold	39
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>92</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	99.4
Watershed to Lake Area Class	More than 10
Score the Shore	88
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	69
Percent Grass and Shrub	4
Percent Wetland	5
Percent Pasture and Hay	7
Percent Disturbed	6
Predicted Total Phosphorus Load (pounds/year)	1070
Phosphorus Load Reduction Goal (pounds/year)	50

## Third Crow Wing (29007700) Metrics

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>50</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	62
Total Phosphorus (µg/l)	26
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	37
Impairments	Mercury in fish
<b>Biology Score</b>	<b>51</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	62
Fish IBI Score	54
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	20
Lake Plant Community Quality	40
Plant FQI Score	25
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	36
Plant FQI Minimum % Deviation from Threshold	28
Plant FQI Maximum % Deviation from Threshold	42
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>72</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	90
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	221.3
Watershed to Lake Area Class	More than 10
Score the Shore	55
Score the Shore Rating	Low
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	56
Percent Grass and Shrub	4
Percent Wetland	8
Percent Pasture and Hay	8

Percent Disturbed	12
Predicted Total Phosphorus Load (pounds/year)	9950
Phosphorus Load Reduction Goal (pounds/year)	500

## Tripp (29000500) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>67</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	75
Total Phosphorus (µg/l)	16
TP Sensitivity Index (inches)	18
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	59
Impairments	None
<b>Biology Score</b>	<b>39</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	39
Plant FQI Score	24
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	32
Plant FQI Minimum % Deviation from Threshold	32
Plant FQI Maximum % Deviation from Threshold	32
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>91</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	91
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	27.9
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High



Percent Forested	55
Percent Grass and Shrub	10
Percent Wetland	5
Percent Pasture and Hay	9
Percent Disturbed	12
Predicted Total Phosphorus Load (pounds/year)	300
Phosphorus Load Reduction Goal (pounds/year)	10

## Upper Bottle (29014800) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>59</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	73
Total Phosphorus (µg/l)	14
TP Sensitivity Index (inches)	6
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	46
Impairments	Mercury in fish
<b>Biology Score</b>	<b>56</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	72
Fish IBI Score	63
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	40
Lake Plant Community Quality	41
Plant FQI Score	28
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	37
Plant FQI Minimum % Deviation from Threshold	37
Plant FQI Maximum % Deviation from Threshold	50
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>90</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	46.0
Watershed to Lake Area Class	More than 10

Score the Shore	83
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	73
Percent Grass and Shrub	5
Percent Wetland	6
Percent Pasture and Hay	1
Percent Disturbed	4
Predicted Total Phosphorus Load (pounds/year)	1230
Phosphorus Load Reduction Goal (pounds/year)	60

## Upper Twin (29015700) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>62</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	62
Total Phosphorus (µg/l)	37
TP Sensitivity Index (inches)	0
TP Sensitivity Significance Priority Class	High
Water Clarity Score	62
Impairments	Mercury in fish
<b>Biology Score</b>	<b>43</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	43
Plant FQI Score	26
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	45
Plant FQI Minimum % Deviation from Threshold	43
Plant FQI Maximum % Deviation from Threshold	75
Biological Significance Class	High
<b>Hydrology Score</b>	<b>86</b>
Hydrology Score Major Watershed Mean	88

Lake Watershed Health Index	84
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	1797.0
Watershed to Lake Area Class	More than 10
Score the Shore	88
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	48
Percent Grass and Shrub	4
Percent Wetland	15
Percent Pasture and Hay	9
Percent Disturbed	18
Predicted Total Phosphorus Load (pounds/year)	22930
Phosphorus Load Reduction Goal (pounds/year)	1150

## Waboose (29009800) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>62</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	74
Total Phosphorus (µg/l)	14
TP Sensitivity Index (inches)	25
TP Sensitivity Significance Priority Class	High
Water Clarity Score	50
Impairments	Mercury in fish
<b>Biology Score</b>	<b>49</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	49
Plant FQI Score	33
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	67
Plant FQI Minimum % Deviation from Threshold	38

Plant FQI Maximum % Deviation from Threshold	67
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>98</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	26.5
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	85
Percent Grass and Shrub	5
Percent Wetland	4
Percent Pasture and Hay	0
Percent Disturbed	2
Predicted Total Phosphorus Load (pounds/year)	220
Phosphorus Load Reduction Goal (pounds/year)	10

## West Crooked (29010103) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>67</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	81
Total Phosphorus (µg/l)	11
TP Sensitivity Index (inches)	13
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	52
Impairments	None
<b>Biology Score</b>	<b>43</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	44
Fish IBI Score	38
Fish IBI Aquatic Life Use Judgement	Non-Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	-16
Lake Plant Community Quality	42
Plant FQI Score	29

Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	42
Plant FQI Minimum % Deviation from Threshold	42
Plant FQI Maximum % Deviation from Threshold	42
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>94</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	48.9
Watershed to Lake Area Class	More than 10
Score the Shore	90
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	75
Percent Grass and Shrub	4
Percent Wetland	5
Percent Pasture and Hay	3
Percent Disturbed	4
Predicted Total Phosphorus Load (pounds/year)	560
Phosphorus Load Reduction Goal (pounds/year)	30

## Wolf (29008100) Metrics

<b>Health Score</b>	<b>80</b>
Health Score Major Watershed Mean	66
<b>Water Quality Score</b>	<b>66</b>
Water Quality Score Major Watershed Mean	55
Total Phosphorus (TP) Score	80
Total Phosphorus (µg/l)	18
TP Sensitivity Index (inches)	69
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	53
Impairments	None
<b>Biology Score</b>	<b>Not Evaluated</b>
Biology Score Major Watershed Mean	50
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated

Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	Not Evaluated
Plant FQI Score	Not Evaluated
Plant FQI Threshold Status	Not Evaluated
Plant FQI % Deviation From Threshold	Not Evaluated
Plant FQI Minimum % Deviation from Threshold	Not Evaluated
Plant FQI Maximum % Deviation from Threshold	Not Evaluated
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>98</b>
Hydrology Score Major Watershed Mean	88
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	1
Watershed to Lake Area Ratio	2.6
Watershed to Lake Area Class	Less than 5
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	50
Percent Grass and Shrub	3
Percent Wetland	2
Percent Pasture and Hay	2
Percent Disturbed	5
Predicted Total Phosphorus Load (pounds/year)	40
Phosphorus Load Reduction Goal (pounds/year)	2

### **Hubbard County lakes in Mississippi 7 watershed**

## **Alice (29028600) Metrics**

<b>Health Score</b>	<b>55</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>35</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	49
Total Phosphorus (µg/l)	32
TP Sensitivity Index (inches)	3
TP Sensitivity Significance Priority Class	Impaired
Water Clarity Score	22

Impairments	Nutrients
<b>Biology Score</b>	<b>37</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	37
Plant FQI Score	21
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	25
Plant FQI Minimum % Deviation from Threshold	20
Plant FQI Maximum % Deviation from Threshold	25
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>98</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	135.5
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	65
Percent Grass and Shrub	8
Percent Wetland	18
Percent Pasture and Hay	3
Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	1670
Phosphorus Load Reduction Goal (pounds/year)	80

## Beauty (29030100) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>53</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	69

Total Phosphorus (µg/l)	16
TP Sensitivity Index (inches)	78
TP Sensitivity Significance Priority Class	High
Water Clarity Score	36
Impairments	None
<b>Biology Score</b>	<b>41</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	41
Plant FQI Score	23
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	40
Plant FQI Minimum % Deviation from Threshold	40
Plant FQI Maximum % Deviation from Threshold	40
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>99</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	99
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	5.5
Watershed to Lake Area Class	5 to 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	71
Percent Grass and Shrub	2
Percent Wetland	8
Percent Pasture and Hay	0
Percent Disturbed	1
Predicted Total Phosphorus Load (pounds/year)	20
Phosphorus Load Reduction Goal (pounds/year)	1

## Beauty (29029200) Metrics

**Health Score** 75



Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>79</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	74
Total Phosphorus (µg/l)	14
TP Sensitivity Index (inches)	42
TP Sensitivity Significance Priority Class	High
Water Clarity Score	84
Impairments	Mercury in fish
<b>Biology Score</b>	<b>43</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Assessable
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	43
Plant FQI Score	24
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	46
Plant FQI Minimum % Deviation from Threshold	46
Plant FQI Maximum % Deviation from Threshold	46
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>100</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	100
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	31.5
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	85
Percent Grass and Shrub	5
Percent Wetland	6
Percent Pasture and Hay	0
Percent Disturbed	1
Predicted Total Phosphorus Load (pounds/year)	110
Phosphorus Load Reduction Goal (pounds/year)	6

## Evergreen (29022700) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>52</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	70
Total Phosphorus (µg/l)	16
TP Sensitivity Index (inches)	22
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	34
Impairments	Mercury in fish
<b>Biology Score</b>	<b>59</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	71
Fish IBI Score	59
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately deep lakes with rounder shorelines
Fish IBI Lake Type Threshold	38
Fish IBI % Deviation From Threshold	56
Lake Plant Community Quality	47
Plant FQI Score	26
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	59
Plant FQI Minimum % Deviation from Threshold	59
Plant FQI Maximum % Deviation from Threshold	71
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>92</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	16.7
Watershed to Lake Area Class	More than 10
Score the Shore	86
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	72
Percent Grass and Shrub	8
Percent Wetland	12
Percent Pasture and Hay	0

Percent Disturbed	2
Predicted Total Phosphorus Load (pounds/year)	250
Phosphorus Load Reduction Goal (pounds/year)	10

## Frontenac (29024100) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>40</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	50
Total Phosphorus (µg/l)	31
TP Sensitivity Index (inches)	4
TP Sensitivity Significance Priority Class	High
Water Clarity Score	29
Impairments	Mercury in fish
<b>Biology Score</b>	<b>57</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	76
Fish IBI Score	68
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately shallow, heavily vegetated lakes
Fish IBI Lake Type Threshold	24
Fish IBI % Deviation From Threshold	184
Lake Plant Community Quality	38
Plant FQI Score	21
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	27
Plant FQI Minimum % Deviation from Threshold	27
Plant FQI Maximum % Deviation from Threshold	82
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>97</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	49.2
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High

Percent Forested	67
Percent Grass and Shrub	6
Percent Wetland	14
Percent Pasture and Hay	4
Percent Disturbed	4
Predicted Total Phosphorus Load (pounds/year)	1060
Phosphorus Load Reduction Goal (pounds/year)	50

## George (29021600) Metrics

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>51</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	69
Total Phosphorus (µg/l)	16
TP Sensitivity Index (inches)	12
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	34
Impairments	Mercury in fish
<b>Biology Score</b>	<b>45</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	53
Fish IBI Score	46
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	2
Lake Plant Community Quality	37
Plant FQI Score	25
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	25
Plant FQI Minimum % Deviation from Threshold	25
Plant FQI Maximum % Deviation from Threshold	39
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>81</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	96
Lake Watershed Transport Capacity Class	4
Watershed to Lake Area Ratio	8.3
Watershed to Lake Area Class	5 to 10
Score the Shore	67

Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	54
Percent Grass and Shrub	6
Percent Wetland	9
Percent Pasture and Hay	7
Percent Disturbed	8
Predicted Total Phosphorus Load (pounds/year)	510
Phosphorus Load Reduction Goal (pounds/year)	30

## Grace (29007100) Metrics

<b>Health Score</b>	<b>55</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>37</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	54
Total Phosphorus (µg/l)	27
TP Sensitivity Index (inches)	7
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	21
Impairments	Mercury in fish
<b>Biology Score</b>	<b>49</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	58
Fish IBI Score	51
Fish IBI Aquatic Life Use Judgement	Insufficient Data-Vulnerable
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	13
Lake Plant Community Quality	39
Plant FQI Score	26
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	31
Plant FQI Minimum % Deviation from Threshold	12
Plant FQI Maximum % Deviation from Threshold	31
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>75</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	92

Lake Watershed Transport Capacity Class	4
Watershed to Lake Area Ratio	6.8
Watershed to Lake Area Class	5 to 10
Score the Shore	58
Score the Shore Rating	Low
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	34
Percent Grass and Shrub	5
Percent Wetland	9
Percent Pasture and Hay	21
Percent Disturbed	16
Predicted Total Phosphorus Load (pounds/year)	760
Phosphorus Load Reduction Goal (pounds/year)	40

## Hennepin (29024600) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>52</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	77
Total Phosphorus (µg/l)	12
TP Sensitivity Index (inches)	35
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	27
Impairments	Mercury in fish
<b>Biology Score</b>	<b>62</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Assessable
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	62
Plant FQI Score	29
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	108
Plant FQI Minimum % Deviation from Threshold	71
Plant FQI Maximum % Deviation from Threshold	108

Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>99</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	99
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	7.5
Watershed to Lake Area Class	5 to 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	69
Percent Grass and Shrub	2
Percent Wetland	7
Percent Pasture and Hay	7
Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	160
Phosphorus Load Reduction Goal (pounds/year)	8

## LaSalle (29030900) Metrics

<b>Health Score</b>	<b>75</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>61</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	76
Total Phosphorus (µg/l)	13
TP Sensitivity Index (inches)	13
TP Sensitivity Significance Priority Class	High
Water Clarity Score	47
Impairments	None
<b>Biology Score</b>	<b>67</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	92
Fish IBI Score	80
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	78
Lake Plant Community Quality	42
Plant FQI Score	29
Plant FQI Threshold Status	At or Above Impairment Threshold

Plant FQI % Deviation From Threshold	42
Plant FQI Minimum % Deviation from Threshold	28
Plant FQI Maximum % Deviation from Threshold	42
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>97</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	33.1
Watershed to Lake Area Class	More than 10
Score the Shore	96
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	81
Percent Grass and Shrub	4
Percent Wetland	5
Percent Pasture and Hay	1
Percent Disturbed	2
Predicted Total Phosphorus Load (pounds/year)	570
Phosphorus Load Reduction Goal (pounds/year)	30

## Midge (29006600) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>39</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	53
Total Phosphorus (µg/l)	29
TP Sensitivity Index (inches)	5
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	25
Impairments	Mercury in fish
<b>Biology Score</b>	<b>64</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	82
Fish IBI Score	62
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Shallow lakes
Fish IBI Lake Type Threshold	36



Fish IBI % Deviation From Threshold	72
Lake Plant Community Quality	46
Plant FQI Score	31
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	56
Plant FQI Minimum % Deviation from Threshold	56
Plant FQI Maximum % Deviation from Threshold	56
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>89</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	89
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	13.9
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	29
Percent Grass and Shrub	6
Percent Wetland	15
Percent Pasture and Hay	16
Percent Disturbed	15
Predicted Total Phosphorus Load (pounds/year)	860
Phosphorus Load Reduction Goal (pounds/year)	

## **Paine (29021700) Metrics**

<b>Health Score</b>	<b>55</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>34</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	65
Total Phosphorus (µg/l)	19
TP Sensitivity Index (inches)	38
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	4
Impairments	None
<b>Biology Score</b>	<b>42</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	Not Evaluated

Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	42
Plant FQI Score	24
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	43
Plant FQI Minimum % Deviation from Threshold	43
Plant FQI Maximum % Deviation from Threshold	102
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>90</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	5.5
Watershed to Lake Area Class	5 to 10
Score the Shore	83
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	59
Percent Grass and Shrub	5
Percent Wetland	9
Percent Pasture and Hay	2
Percent Disturbed	7
Predicted Total Phosphorus Load (pounds/year)	90
Phosphorus Load Reduction Goal (pounds/year)	5

## Plantagenet (29015600) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>34</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	57
Total Phosphorus (µg/l)	25
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	High
Water Clarity Score	12

Impairments	Mercury in fish
<b>Biology Score</b>	<b>67</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	81
Fish IBI Score	71
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	57
Lake Plant Community Quality	54
Plant FQI Score	37
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	82
Plant FQI Minimum % Deviation from Threshold	20
Plant FQI Maximum % Deviation from Threshold	82
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>89</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	41.6
Watershed to Lake Area Class	More than 10
Score the Shore	82
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	59
Percent Grass and Shrub	8
Percent Wetland	19
Percent Pasture and Hay	4
Percent Disturbed	4
Predicted Total Phosphorus Load (pounds/year)	10540
Phosphorus Load Reduction Goal (pounds/year)	530

## Schoolcraft (29021500) Metrics

<b>Health Score</b>	<b>60</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>32</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	46
Total Phosphorus (µg/l)	35

TP Sensitivity Index (inches)	7
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	18
Impairments	Mercury in fish
<b>Biology Score</b>	<b>47</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	47
Fish IBI Score	42
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Moderately shallow, heavily vegetated lakes
Fish IBI Lake Type Threshold	24
Fish IBI % Deviation From Threshold	77
Lake Plant Community Quality	46
Plant FQI Score	26
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	55
Plant FQI Minimum % Deviation from Threshold	52
Plant FQI Maximum % Deviation from Threshold	55
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>96</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	19.1
Watershed to Lake Area Class	More than 10
Score the Shore	94
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	76
Percent Grass and Shrub	5
Percent Wetland	9
Percent Pasture and Hay	0
Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	480
Phosphorus Load Reduction Goal (pounds/year)	20

## Spearhead (29023900) Metrics

<b>Health Score</b>	<b>80</b>
Health Score Major Watershed Mean	68

<b>Water Quality Score</b>	<b>65</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	78
Total Phosphorus (µg/l)	12
TP Sensitivity Index (inches)	24
TP Sensitivity Significance Priority Class	High
Water Clarity Score	52
Impairments	None
<b>Biology Score</b>	<b>84</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	84
Fish IBI Score	74
Fish IBI Aquatic Life Use Judgement	Full Support
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	64
Lake Plant Community Quality	Not Evaluated
Plant FQI Score	Not Evaluated
Plant FQI Threshold Status	Not Evaluated
Plant FQI % Deviation From Threshold	Not Evaluated
Plant FQI Minimum % Deviation from Threshold	Not Evaluated
Plant FQI Maximum % Deviation from Threshold	Not Evaluated
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>98</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	25.9
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	63
Percent Grass and Shrub	12
Percent Wetland	10
Percent Pasture and Hay	5
Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	270
Phosphorus Load Reduction Goal (pounds/year)	10

## Twenty (29023100) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	68
<b>Water Quality Score</b>	<b>66</b>
Water Quality Score Major Watershed Mean	48
Total Phosphorus (TP) Score	80
Total Phosphorus (µg/l)	11
TP Sensitivity Index (inches)	76
TP Sensitivity Significance Priority Class	High
Water Clarity Score	51
Impairments	None
<b>Biology Score</b>	<b>41</b>
Biology Score Major Watershed Mean	57
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	41
Plant FQI Score	28
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	39
Plant FQI Minimum % Deviation from Threshold	39
Plant FQI Maximum % Deviation from Threshold	98
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>98</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	98
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	22.2
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	70
Percent Grass and Shrub	13
Percent Wetland	11
Percent Pasture and Hay	0

Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	40
Phosphorus Load Reduction Goal (pounds/year)	2

## Garfield (29006100) Metrics

<b>Health Score</b>	<b>55</b>
Health Score Major Watershed Mean	70
<b>Water Quality Score</b>	<b>42</b>
Water Quality Score Major Watershed Mean	54
Total Phosphorus (TP) Score	62
Total Phosphorus (µg/l)	21
TP Sensitivity Index (inches)	19
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	22
Impairments	Mercury in fish
<b>Biology Score</b>	<b>43</b>
Biology Score Major Watershed Mean	56
Fish Community Quality	44
Fish IBI Score	38
Fish IBI Aquatic Life Use Judgement	Sampled-Not Yet Assessed
Fish IBI Lake Type	Deep lakes with complex shorelines
Fish IBI Lake Type Threshold	45
Fish IBI % Deviation From Threshold	-16
Lake Plant Community Quality	42
Plant FQI Score	29
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	44
Plant FQI Minimum % Deviation from Threshold	29
Plant FQI Maximum % Deviation from Threshold	44
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>82</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	2
Watershed to Lake Area Ratio	3.5
Watershed to Lake Area Class	Less than 5
Score the Shore	66
Score the Shore Rating	Moderate
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Highest

Percent Forested	34
Percent Grass and Shrub	3
Percent Wetland	21
Percent Pasture and Hay	8
Percent Disturbed	9
Predicted Total Phosphorus Load (pounds/year)	290
Phosphorus Load Reduction Goal (pounds/year)	10

## Hart (29006300) Metrics

<b>Health Score</b>	<b>50</b>
Health Score Major Watershed Mean	70
<b>Water Quality Score</b>	<b>27</b>
Water Quality Score Major Watershed Mean	54
Total Phosphorus (TP) Score	36
Total Phosphorus (µg/l)	50
TP Sensitivity Index (inches)	1
TP Sensitivity Significance Priority Class	Impaired
Water Clarity Score	19
Impairments	Nutrients
<b>Biology Score</b>	<b>37</b>
Biology Score Major Watershed Mean	56
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	37
Plant FQI Score	20
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	23
Plant FQI Minimum % Deviation from Threshold	23
Plant FQI Maximum % Deviation from Threshold	68
Biological Significance Class	Outstanding
<b>Hydrology Score</b>	<b>90</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	90
Lake Watershed Transport Capacity Class	7
Watershed to Lake Area Ratio	190.8
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated



Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	48
Percent Grass and Shrub	4
Percent Wetland	22
Percent Pasture and Hay	13
Percent Disturbed	12
Predicted Total Phosphorus Load (pounds/year)	5680
Phosphorus Load Reduction Goal (pounds/year)	280

## Horseshoe (29005900) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	70
<b>Water Quality Score</b>	<b>60</b>
Water Quality Score Major Watershed Mean	54
Total Phosphorus (TP) Score	78
Total Phosphorus (µg/l)	12
TP Sensitivity Index (inches)	53
TP Sensitivity Significance Priority Class	Highest
Water Clarity Score	42
Impairments	None
<b>Biology Score</b>	<b>49</b>
Biology Score Major Watershed Mean	56
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	49
Plant FQI Score	32
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	65
Plant FQI Minimum % Deviation from Threshold	65
Plant FQI Maximum % Deviation from Threshold	65
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>98</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	98

Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	6.3
Watershed to Lake Area Class	5 to 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	Higher
Percent Forested	55
Percent Grass and Shrub	4
Percent Wetland	24
Percent Pasture and Hay	1
Percent Disturbed	4
Predicted Total Phosphorus Load (pounds/year)	100
Phosphorus Load Reduction Goal (pounds/year)	5

## McCarty (29022400) Metrics

<b>Health Score</b>	<b>75</b>
Health Score Major Watershed Mean	70
<b>Water Quality Score</b>	<b>83</b>
Water Quality Score Major Watershed Mean	54
Total Phosphorus (TP) Score	83
Total Phosphorus (µg/l)	10
TP Sensitivity Index (inches)	136
TP Sensitivity Significance Priority Class	High
Water Clarity Score	Not Evaluated
Impairments	None
<b>Biology Score</b>	<b>37</b>
Biology Score Major Watershed Mean	56
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	37
Plant FQI Score	25
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	25
Plant FQI Minimum % Deviation from Threshold	25
Plant FQI Maximum % Deviation from Threshold	25

Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>99</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	99
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	9.3
Watershed to Lake Area Class	5 to 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	86
Percent Grass and Shrub	1
Percent Wetland	0
Percent Pasture and Hay	0
Percent Disturbed	3
Predicted Total Phosphorus Load (pounds/year)	10
Phosphorus Load Reduction Goal (pounds/year)	1

## Shingobee (29004300) Metrics

<b>Health Score</b>	<b>65</b>
Health Score Major Watershed Mean	70
<b>Water Quality Score</b>	<b>55</b>
Water Quality Score Major Watershed Mean	54
Total Phosphorus (TP) Score	66
Total Phosphorus (µg/l)	18
TP Sensitivity Index (inches)	8
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	43
Impairments	Mercury in fish
<b>Biology Score</b>	<b>42</b>
Biology Score Major Watershed Mean	56
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	42
Plant FQI Score	28

Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	43
Plant FQI Minimum % Deviation from Threshold	43
Plant FQI Maximum % Deviation from Threshold	43
Biological Significance Class	High
<b>Hydrology Score</b>	<b>93</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	93
Lake Watershed Transport Capacity Class	6
Watershed to Lake Area Ratio	60.6
Watershed to Lake Area Class	More than 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	58
Percent Grass and Shrub	5
Percent Wetland	12
Percent Pasture and Hay	10
Percent Disturbed	9
Predicted Total Phosphorus Load (pounds/year)	720
Phosphorus Load Reduction Goal (pounds/year)	40

## Twenty-One (29013000) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	70
<b>Water Quality Score</b>	<b>74</b>
Water Quality Score Major Watershed Mean	54
Total Phosphorus (TP) Score	85
Total Phosphorus (µg/l)	9
TP Sensitivity Index (inches)	68
TP Sensitivity Significance Priority Class	High
Water Clarity Score	63
Impairments	None
<b>Biology Score</b>	<b>35</b>
Biology Score Major Watershed Mean	56
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated
Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated

Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	35
Plant FQI Score	24
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	17
Plant FQI Minimum % Deviation from Threshold	17
Plant FQI Maximum % Deviation from Threshold	56
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>95</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	99
Lake Watershed Transport Capacity Class	5
Watershed to Lake Area Ratio	58.9
Watershed to Lake Area Class	More than 10
Score the Shore	92
Score the Shore Rating	High
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	90
Percent Grass and Shrub	3
Percent Wetland	1
Percent Pasture and Hay	0
Percent Disturbed	1
Predicted Total Phosphorus Load (pounds/year)	70
Phosphorus Load Reduction Goal (pounds/year)	4

## Williams (29001500) Metrics

<b>Health Score</b>	<b>70</b>
Health Score Major Watershed Mean	70
<b>Water Quality Score</b>	<b>66</b>
Water Quality Score Major Watershed Mean	54
Total Phosphorus (TP) Score	79
Total Phosphorus (µg/l)	12
TP Sensitivity Index (inches)	92
TP Sensitivity Significance Priority Class	Higher
Water Clarity Score	53
Impairments	Mercury in fish
<b>Biology Score</b>	<b>49</b>
Biology Score Major Watershed Mean	56
Fish Community Quality	Not Evaluated
Fish IBI Score	Not Evaluated

Fish IBI Aquatic Life Use Judgement	Not Evaluated
Fish IBI Lake Type	Not Evaluated
Fish IBI Lake Type Threshold	Not Evaluated
Fish IBI % Deviation From Threshold	Not Evaluated
Lake Plant Community Quality	49
Plant FQI Score	27
Plant FQI Threshold Status	At or Above Impairment Threshold
Plant FQI % Deviation From Threshold	64
Plant FQI Minimum % Deviation from Threshold	64
Plant FQI Maximum % Deviation from Threshold	64
Biological Significance Class	Not Rated
<b>Hydrology Score</b>	<b>97</b>
Hydrology Score Major Watershed Mean	95
Lake Watershed Health Index	97
Lake Watershed Transport Capacity Class	3
Watershed to Lake Area Ratio	5.5
Watershed to Lake Area Class	5 to 10
Score the Shore	Not Evaluated
Score the Shore Rating	Not Rated
<b>Stewardship</b>	<b>Not Scored</b>
Benefit to Cost Assessment Class	High
Percent Forested	70
Percent Grass and Shrub	3
Percent Wetland	4
Percent Pasture and Hay	0
Percent Disturbed	7
Predicted Total Phosphorus Load (pounds/year)	30
Phosphorus Load Reduction Goal (pounds/year)	2



