

# Eden Prairie Lake Data

	Anderson Lake - Northwest	Anderson Lake - Southwest	Birch Island Lake	Bryant Lake	Duck Lake	Grass Lake	Lake Eden	Lake Idlewild	McCoy Lake	Mitchell Lake	Neill Lake	Red Rock Lake	Rice Lake	Rice Marsh Lake	Riley Lake	Round Lake	Smetana Lake	Staring Lake
<b>General Lake Information</b>																		
City Water Body ID #	13-42-A	13-31-A	04-13-B	02-23-A	05-34-A	33-11-A	23-21-B	14-21-A	21-14-A	17-22-A	23-41-A	16-33-A	31-11-A	18-32-B	19-32-A	08-31-A	12-34-A	22-32-A
DNR ID #	27-0062-01 P	27-0062-03 P	27-0081 P	27-0067 P	27-0069 P	27-0080 P	27-1011 W	27-0074 P	27-0077 P	27-0070 P	27-0079 P	27-0076 P	27-0132 P	10-0001 P	10-0002 P	27-0071 P	27-0073 P	27-0078 P
Watershed District	Nine Mile Creek	Nine Mile Creek	Nine Mile Creek	Nine Mile Creek	Riley - Purgatory - Bluff Creek	Lower Minnesota River	Riley - Purgatory - Bluff Creek	Riley - Purgatory - Bluff Creek	Riley - Purgatory - Bluff Creek	Riley - Purgatory - Bluff Creek	Riley - Purgatory - Bluff Creek	Riley - Purgatory - Bluff Creek	Lower Minnesota River	Riley - Purgatory - Bluff Creek	Riley - Purgatory - Bluff Creek	Riley - Purgatory - Bluff Creek	Nine Mile Creek	Riley - Purgatory - Bluff Creek
Ordinary High Water Level (feet)		839		852.6	915.3	697.1		856	824.5	871.5		840.5	699.2	877	865.3	880.8	835.2	815.3
Drainage basin area	452	278	543	1991	211			703		301		462		853	1763	444	929	615
Lake Area (acres) (open water)	138	80	43	177	41	467	17	15	10	112	34	97	517	81	286	32	51	164
Drainage Basin to Lake Area Ratio	3	3	13	11	5			47		3		5		11	6	14	18	4
Maximum Depth (feet)	10	9	14	45	10	3.5		9		16	10	16	3	10	49	37	12	14
Littoral Area (acres)	138	80	43	64	41	467		15		109	34	91	517	81	110	23	51	146
<b>DNR Fish Management Information</b>																		
Primary	BLG	BLG	NOP	NOP, Carp	NOP, Carp			BLB		WHS, BLB, BLG		BLG, BLB		NOP (spawning)	NOP	NOP	NOP	NOP, Carp
Secondary		LMB	BLG	BLG, BLC	BLB			BLG				LMB		-	BLG, Carp	BLG, Carp	BLG	BLB
Winter Kill Status (Yes / No)	Yes	Yes	Yes	No	Yes			No		No		No		Yes	No	No	Yes	Yes
DNR Shoreland Classification	Natural Environment	Natural Environment	Recreational Development	Recreational Development	Recreational Development	Natural Environment	Unspecified	Unspecified	Unspecified	Natural Environment	Unspecified	Recreational Development	Natural Environment	Natural Environment	Recreational Development	Recreational Development	Natural Environment	Recreational Development
DNR Fish Management Classification	Unspecified	Unspecified	30	24	40	Unspecified	Unspecified	Unspecified	Unspecified	42	Unspecified	42	Unspecified	42	24	30	40	43
<b>Fishery Information</b>																		
Public Access Information	None	None	Canoe	Ramp (Henn Parks)	Carry On	None	None	None	None	Ramp	None	Ramp	None	None	Ramp	Ramp	Ramp	DNR Ramp
Northern Pike (NOP)			Yes	Yes				No				Yes			Yes	No	Yes	Yes
Sunfish (SUN, GSF, GRS, BLG)	BLG	BLG	SUN	BLG, GRS	BLG			BLG, GRS, GSF		GRS, BLG, GSF		BLG, GRS			GRS, BLG, GSF	BLG, GSF, GRS	BLG	BLG, GRS, GSF
Bass (SMB, LMB)				LMB	LMB			LMB		LMB		LMB			LMB	LMB	LMB	LMB
White Crappie (WHC)								No		Yes						No		
Black Crappie (BLC)				Yes	Yes			Yes		Yes		Yes			Yes	Yes	Yes	Yes
Yellow Perch (YEP)				Yes				No				Yes			Yes	Yes	Yes	Yes
Walleye (WAE)								No		Yes					Yes	Yes		
Other Species Identified (See Key)		BLB	BLB	Carp, TME				BLC, BLB, BRB, WHS		BLB		BLB, WHS			BLB, WHS	TME, BLB	YEP	YEP, WHS, BLB, BRB, Carp
Public Park Access Information	County	County	City	County	None	None	City	None	City	City	City trail	City Conservation Area	USFWS	City	City	City	City	City
<b>Water Quality Information</b>																		
Years Water Quality Data 2003-2013	6	6	3	7	3	None	1	None	None	8	2	4 + 4 SD Only	None	4	9	4	3	6
Trophic State Index (TSI chl)	60	71	47	60	58		73			64	62	67		58	62	60	48	71
Secchi Depth (meters / feet)	1.6 / 5.2	0.9 / 2.9	1.4 / 4.6	2.2 / 7.2	1.8 / 5.9		0.6 / 2.0			1.3 / 4.3	1.1 / 3.7	1.5 / 4.9		1.7 / 5.6	1.6 / 5.2	1.7 / 5.6	1.5 / 4.9	0.5 / 1.6
Average Summer Phosphorus (ppb)	45	102	41	39	56		185			68	100	73		108	38	46	99	105
Average Summer Chlorophyll (ppb)	21	60	6	20	16		74			30	24	42		16	24	20	6	61
Abundant Aquatic Plants (Yes / No)	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Exotic Aquatic plants (Yes / No)	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

BLC - Black Crappie WHC - White Crappie SUN - Sunfish species BLG - Blue Gill GSF - Pumpkinseed Sunfish LMB - Largemouth Bass SMB - Smallmouth Bass NOP - Northern Pike WAE - Walleye BLB - Black Bullhead BRB - Brown Bullhead TME - Tiger Muskellunge YEP - Yellow Perch WHS - White Sucker

# Anderson Lake North

## LAKE DATA

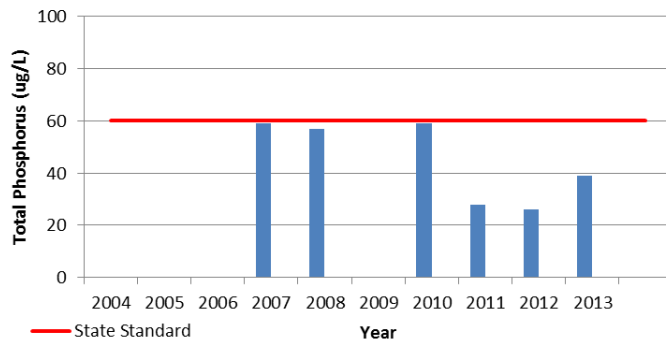
Eden Prairie Basin I.D. #	13-42-A
DNR I.D. #	27-0062-01
DNR Classification	Natural Environment
Lake Area (acres)	138
Littoral Area (acres)	138
Tributary Area (acres)	452
Maximum Depth (feet)	10
Depth Class	Shallow
Recreation	Aesthetics
Fishery	Bluegill
Public Access	None – boating, fishing, swimming, snowmobiling, etc. prohibited



DNR Recreation Compass

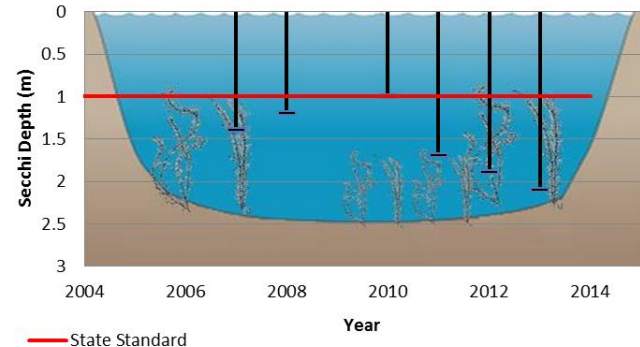
*Anderson Lake is protected by City Ordinance as a nature preserve*

Anderson Lake North Summer Total Phosphorus History

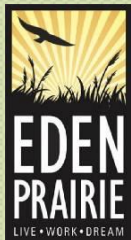


State water quality standard for Total Phosphorus (TP) is  $\leq 60 \mu\text{g/L}$  (ppb)

Anderson Lake North Transparency History



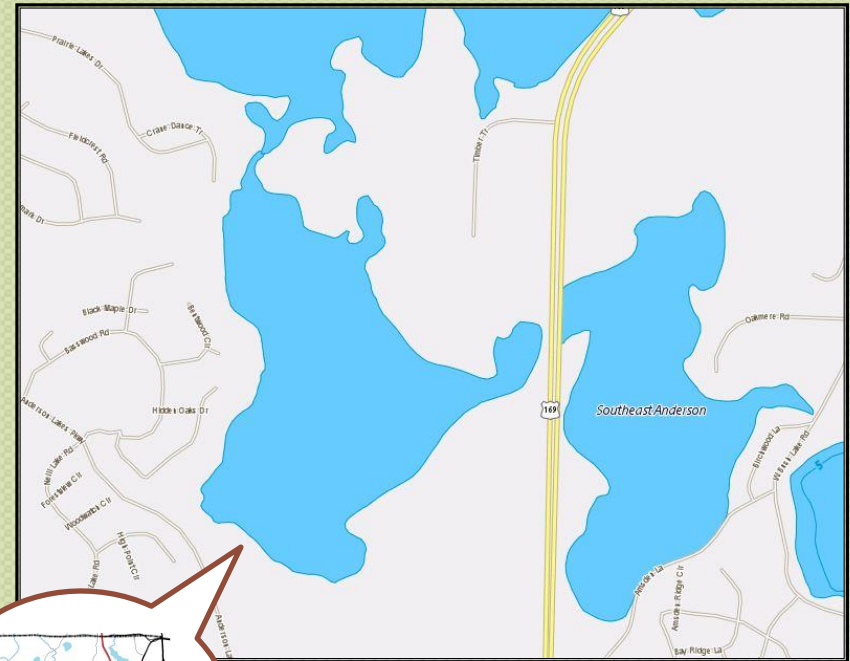
State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.0$  meter



# Anderson Lake Southwest

## LAKE DATA

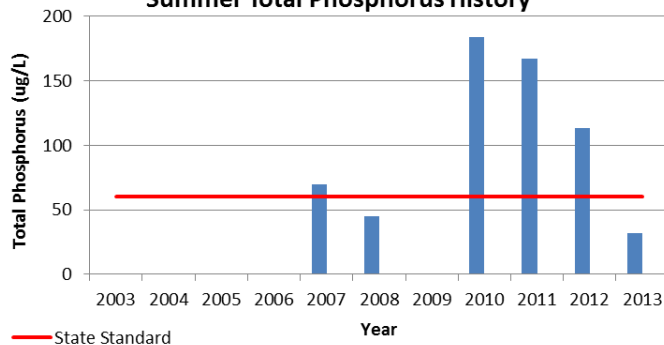
Eden Prairie Basin I.D. #	13-31-A
DNR I.D. #	27-0062-01
DNR Classification	Natural Environment
Lake Area (acres)	80
Littoral Area (acres)	80
Tributary Area (acres)	278
Maximum Depth (feet)	9
Depth Class	Shallow
Recreation	Aesthetics
Fishery	Bluegill
Public Access	None – boating, fishing, swimming, snowmobiling, etc. prohibited



DNR Recreation Compass

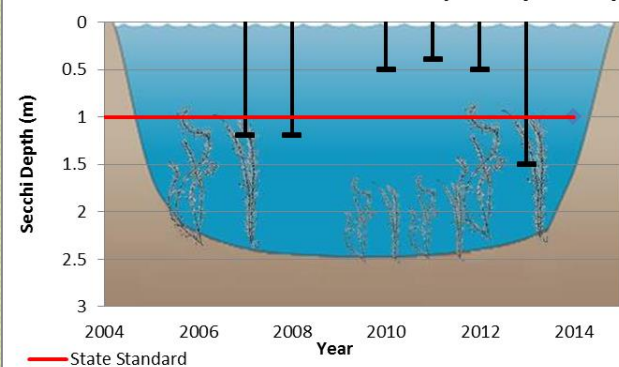
*Anderson Lake is protected by City Ordinance as a nature preserve*

**Anderson Lake Southwest Summer Total Phosphorus History**

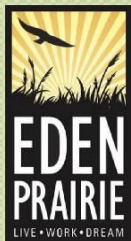


State water quality standard for Total Phosphorus (TP) is  $\leq 60 \mu\text{g/L}$  (ppb)

**Anderson Lake Southwest Transparency History**



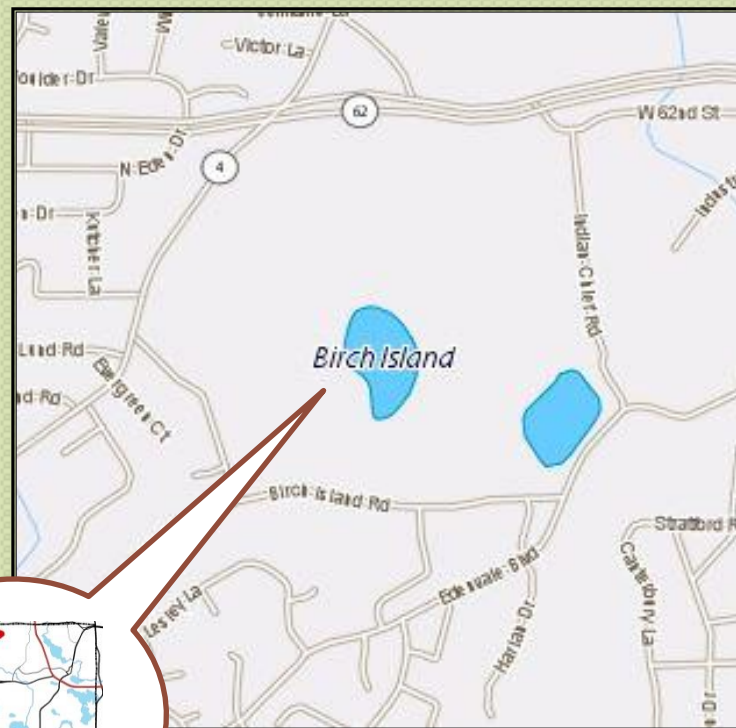
State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.0$  meter



# Birch Island Lake

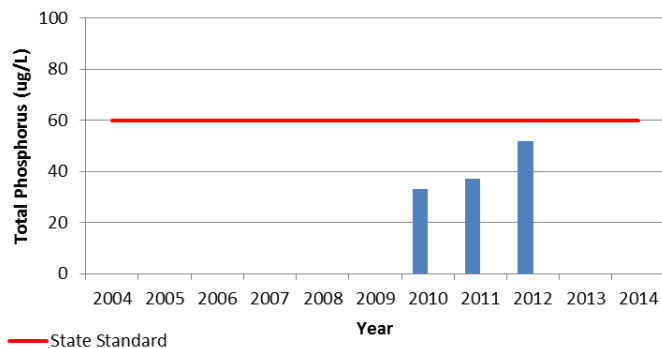
## LAKE DATA

Eden Prairie Basin I.D. #	04-13-B
DNR I.D. #	27-0081
DNR Classification	Recreational Development
Lake Area (acres)	43
Littoral Area (acres)	43
Tributary Area (acres)	543
Maximum Depth (feet)	14
Depth Class	Shallow
Recreation	Aesthetics
Fishery	Unknown
Public Access	None



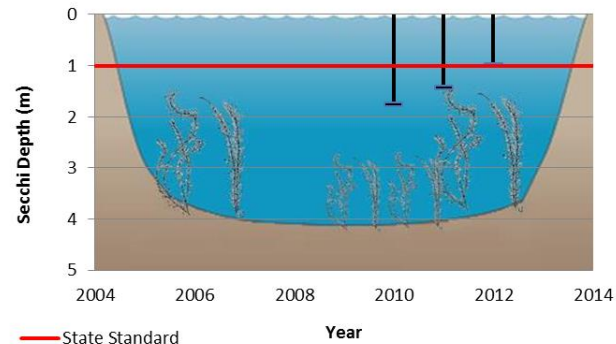
DNR Recreation Compass

### Birch Island Lake Summer Total Phosphorus History



State water quality standard for Total Phosphorus (TP) is  $\leq 60 \mu\text{g/L}$  (ppb)

### Birch Island Lake Transparency History

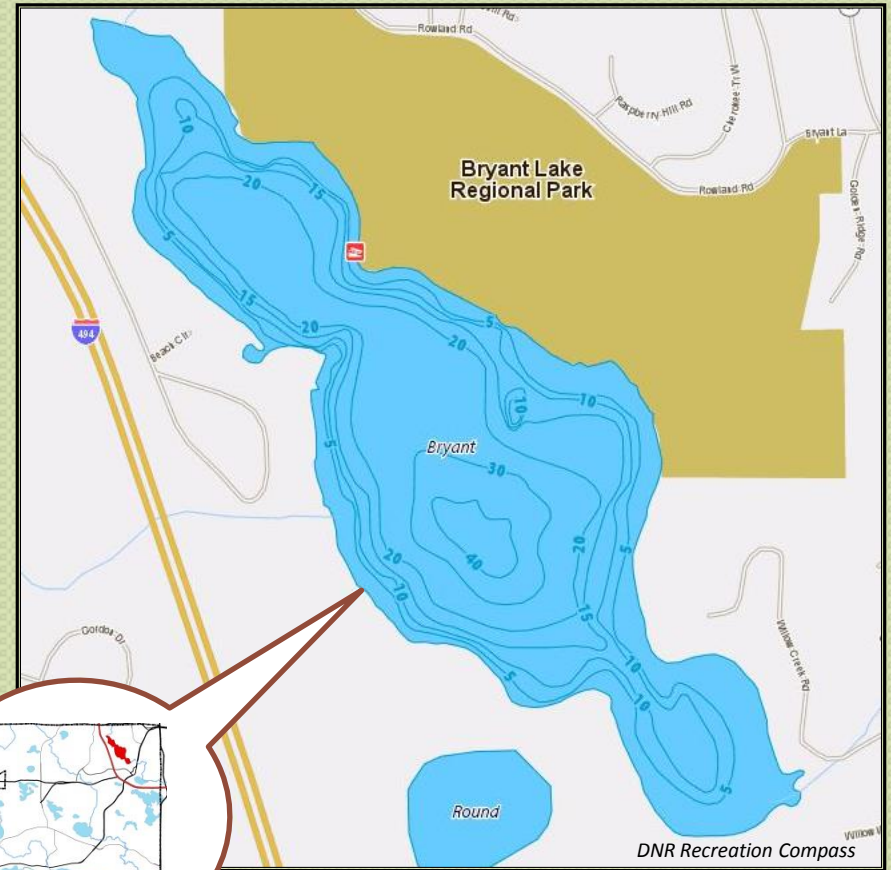


State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.0$  meter

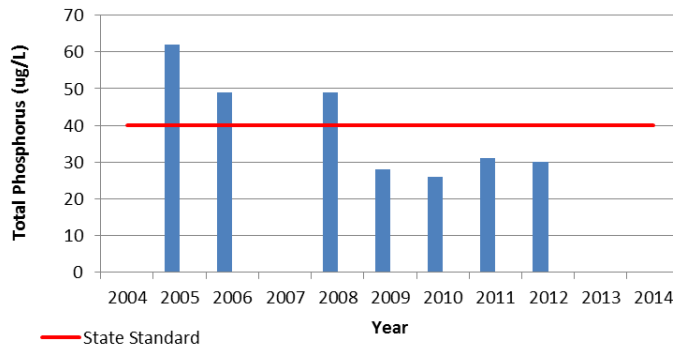
# Bryant Lake

## LAKE DATA

Eden Prairie Basin I.D. #	02-23-A
DNR I.D. #	27-0067
DNR Classification	Recreational Development
Lake Area (acres)	177
Littoral Area (acres)	64
Tributary Area (acres)	1,991
Maximum Depth (feet)	45
Depth Class	Deep
Recreation	Swimming, boating, fishing
Fishery	Muskellunge walleye
Public Access	Ramp, northeast side of lake
Restrictions	15 mph speed limit noon – 6 pm Sundays in summer; all tow boats must include both a driver and observer

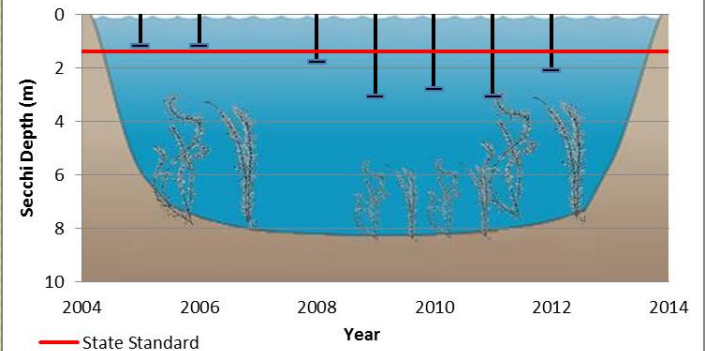


### Bryant Lake Summer Total Phosphorus History



State water quality standard for Total Phosphorus (TP) is  $\leq 40 \mu\text{g/L}$  (ppb)

### Bryant Lake Transparency History

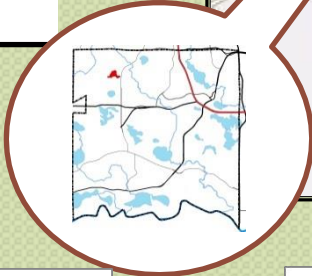
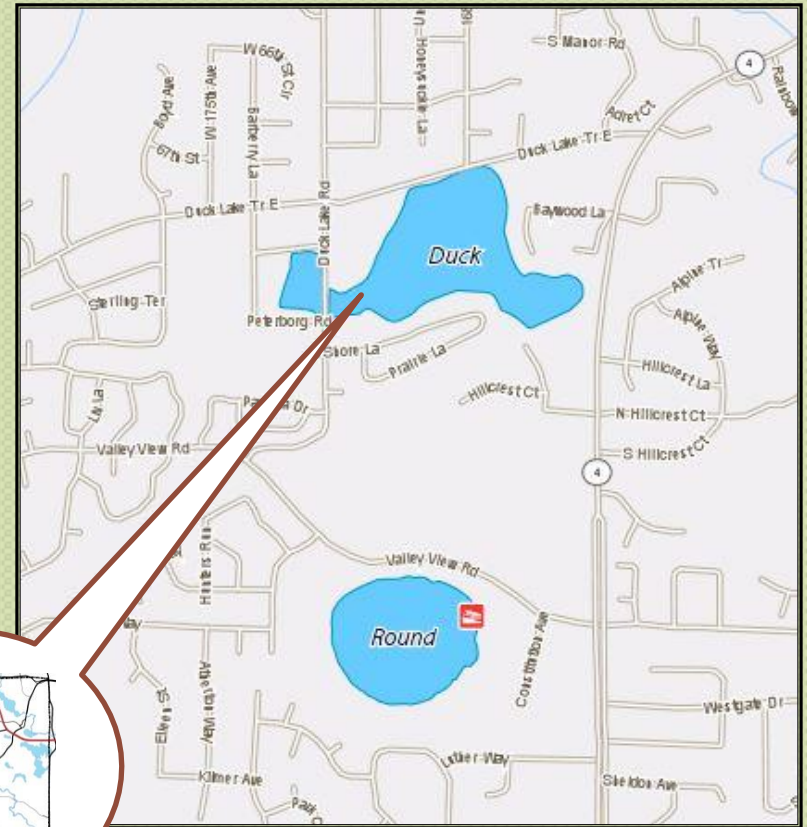


State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.4$  meter

# Duck Lake

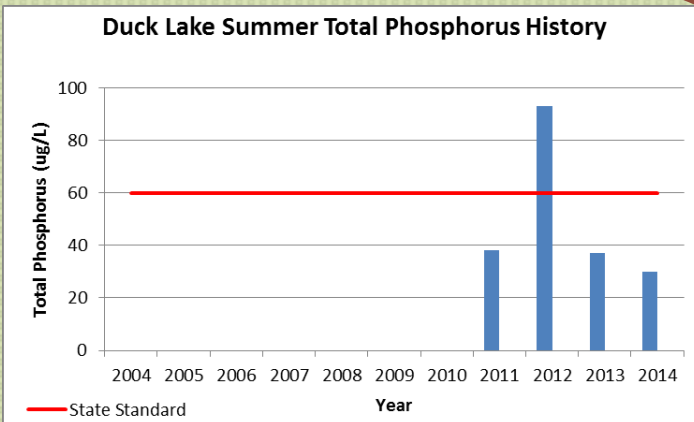
## LAKE DATA

Eden Prairie Basin I.D. #	05-34-A
DNR I.D. #	27-0069
DNR Classification	Recreational Development
Lake Area (acres)	41
Littoral Area (acres)	41
Tributary Area (acres)	211
Maximum Depth (feet)	10
Depth Class	Shallow
Recreation	Aesthetics, fishing
Fishery	Bluegill, largemouth bass
Public Access	Carry-in
Restrictions	No motorized access



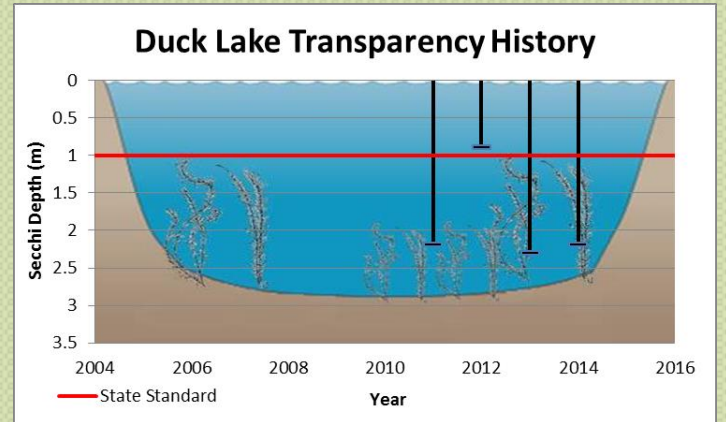
DNR Recreation Compass

### Duck Lake Summer Total Phosphorus History

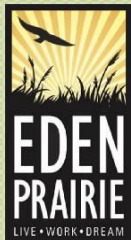


State water quality standard for Total Phosphorus (TP) is  $\leq 60 \mu\text{g/L}$  (ppb)

### Duck Lake Transparency History



State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.0$  meter



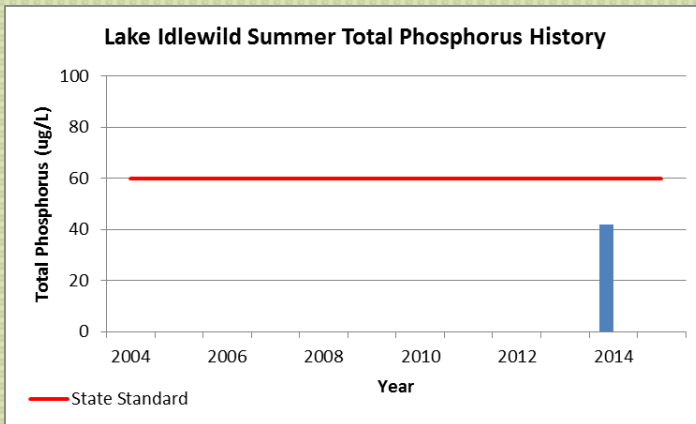
# Idlewild Lake

## LAKE DATA

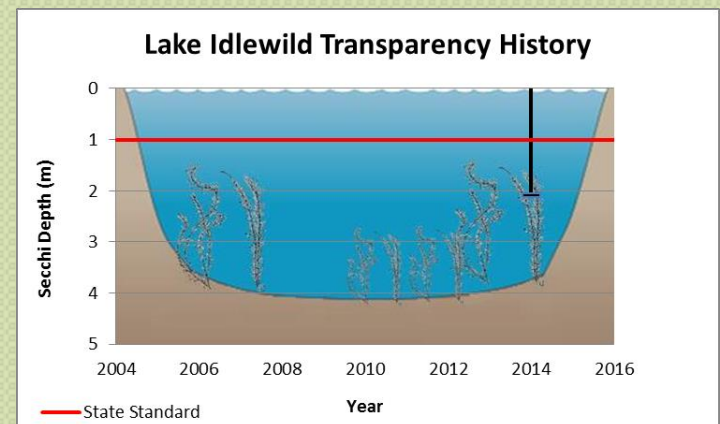
Eden Prairie Basin I.D. #	14-21-A
DNR I.D. #	27-0074
DNR Classification	N/A
Lake Area (acres)	15
Littoral Area (acres)	15
Tributary Area (acres)	703
Maximum Depth (feet)	9
Depth Class	Shallow
Recreation	Aesthetics
Fishery	Bluegill, sunfish
Public Access	None



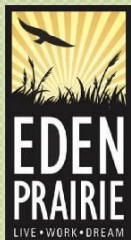
DNR Recreation Compass



State water quality standard for Total Phosphorus (TP) is  $\leq 60 \mu\text{g/L}$  (ppb)



State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.0$  meter



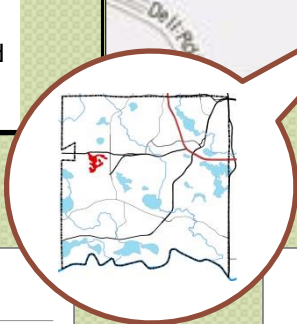
# Mitchell Lake

## LAKE DATA

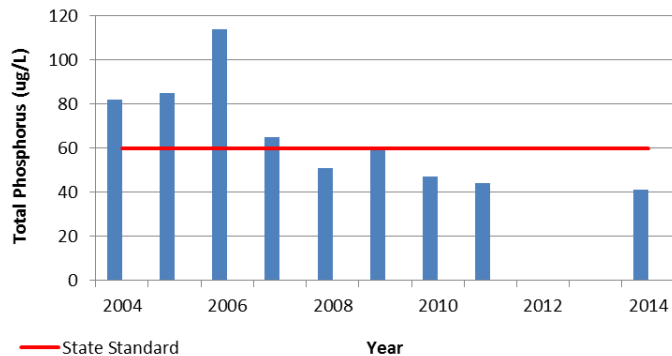
Eden Prairie Basin I.D. #	17-22-A
DNR I.D. #	27-0070
DNR Classification	Natural Environment
Lake Area (acres)	112
Littoral Area (acres)	109
Tributary Area (acres)	301
Maximum Depth (feet)	16
Depth Class	Shallow
Recreation	Boating, fishing pier
Fishery	Bluegill, largemouth bass, walleye
Public Access	Ramp, southeast side
Invasive Species	Curly-leaf pondweed, Eurasian watermilfoil
Restrictions	Motorized watercraft limited to 10 HP or less



DNR Recreation Compass

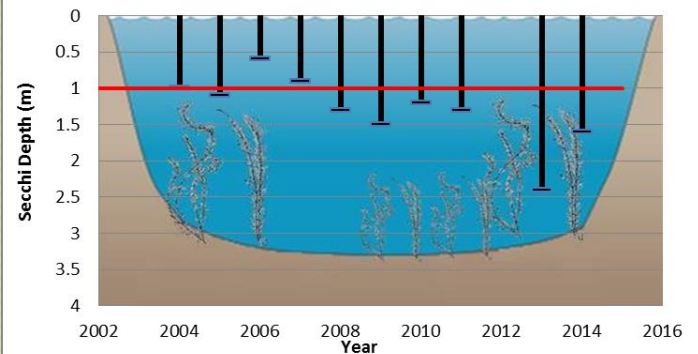


### Mitchell Lake Summer Total Phosphorus History



State water quality standard for Total Phosphorus (TP) is  $\leq 60 \mu\text{g/L}$  (ppb)

### Mitchell Lake Transparency History



State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.0$  meter

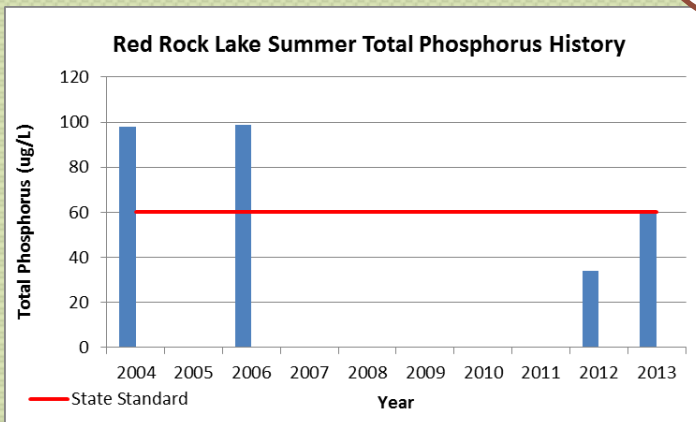
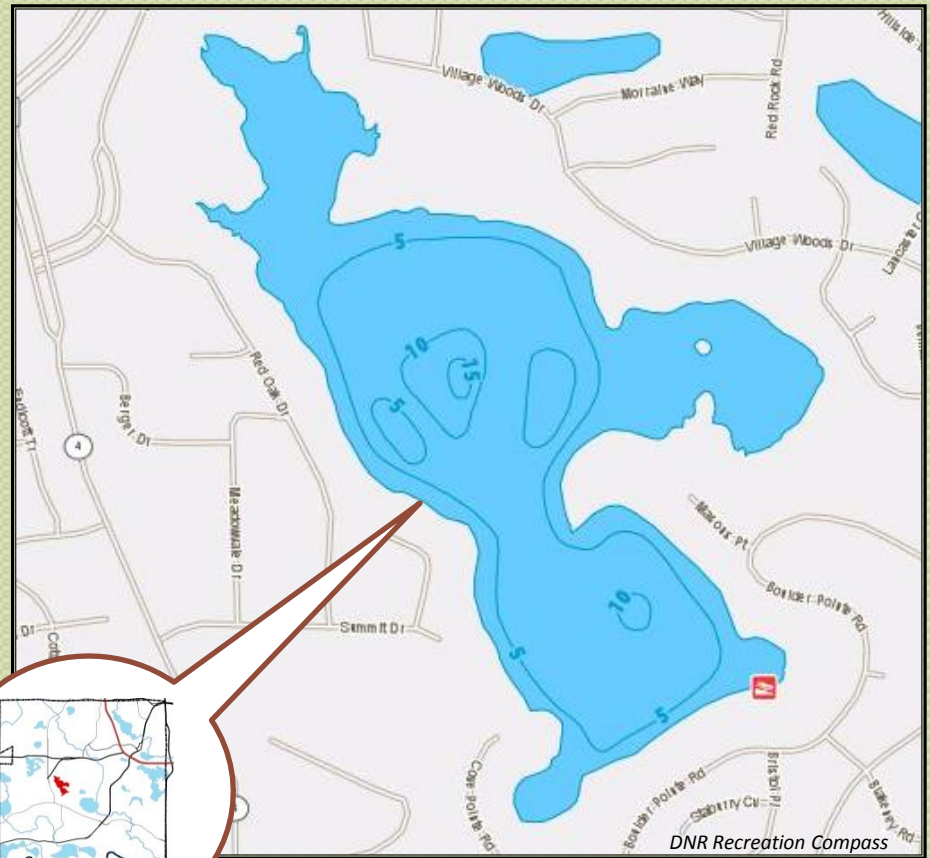




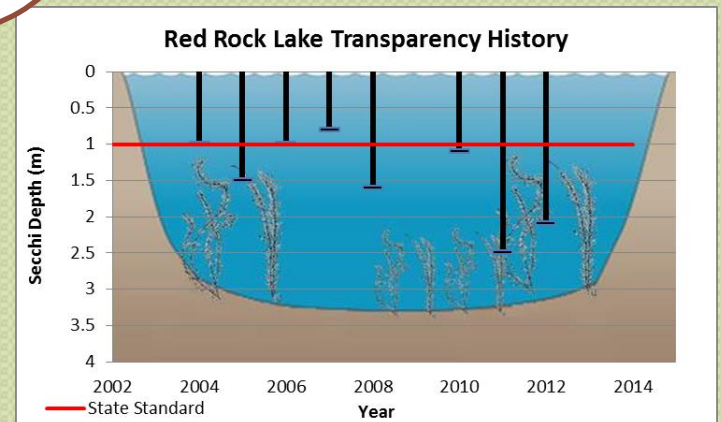
# Red Rock Lake

## LAKE DATA

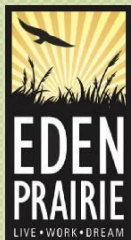
Eden Prairie Basin I.D. #	16-33-A
DNR I.D. #	27-0076
DNR Classification	Recreational Development
Lake Area (acres)	97
Littoral Area (acres)	91
Tributary Area (acres)	462
Maximum Depth (feet)	16
Depth Class	Shallow
Recreation	Boating
Fishery	Bluegill, yellow perch, pike
Public Access	Ramp, southeast side
Invasive Species	Curly-leaf pondweed
Restrictions	Motorized watercraft limited to 10 HP or less



State water quality standard for Total Phosphorus (TP) is  $\leq 60 \mu\text{g/L}$  (ppb)



State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.0$  meter

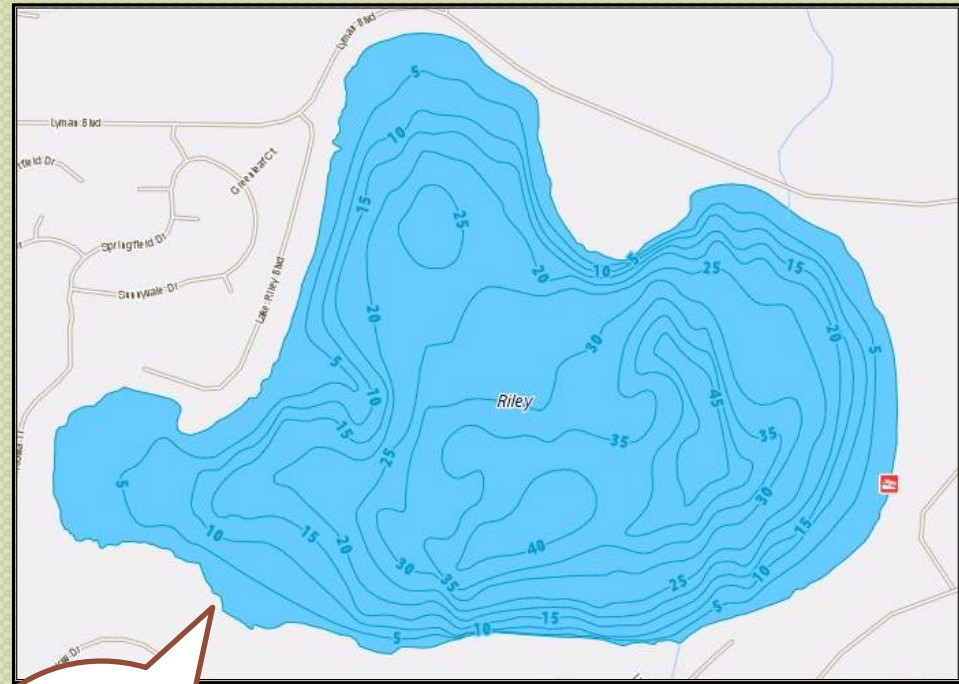




# Riley Lake

## LAKE DATA

Eden Prairie Basin I.D. #	19-32-A
DNR I.D. #	10-0002
DNR Classification	Recreational Development
Lake Area (acres)	286
Littoral Area (acres)	110
Tributary Area (acres)	1763
Maximum Depth (feet)	49
Depth Class	Deep
Recreation	Beach, boating, fishing pier
Fishery	Walleye, bluegill, yellow perch
Public Access	Ramp, east side of lake
Invasive Species	Curly-leaf pondweed, Eurasian watermilfoil, common carp
Restrictions	Slow, no-wake zone adjacent to Riley Lake Park; designated water skier pick up and drop off point

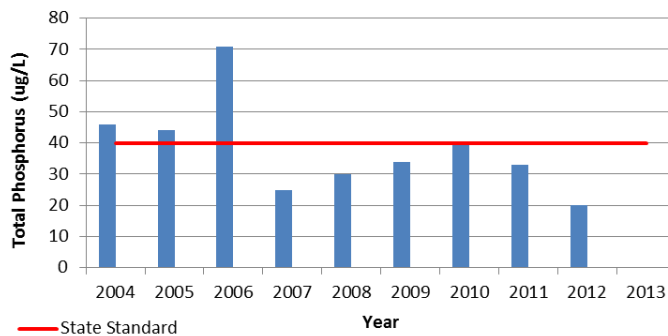


DNR Recreation Compass



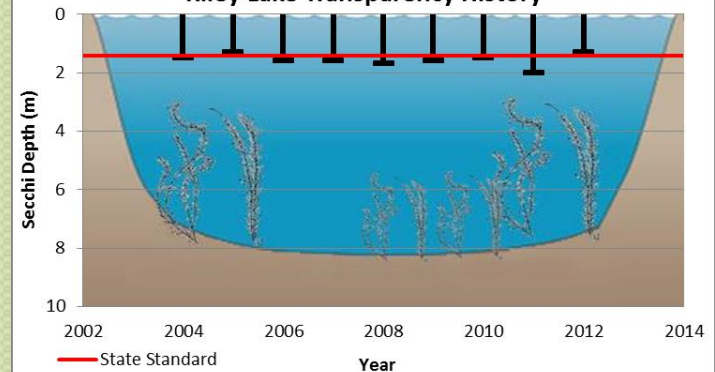
162 acres of Riley Lake are in Eden Prairie while 124 acres lie within Chanhassen

### Lake Riley Summer Total Phosphorus History

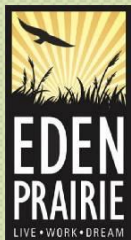


State water quality standard for Total Phosphorus (TP) is  $\leq 40 \mu\text{g/L}$  (ppb)

### Riley Lake Transparency History



State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.4$  meter



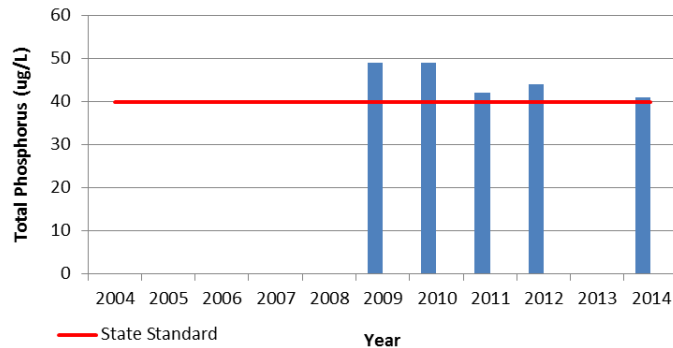
# Round Lake

## LAKE DATA

Eden Prairie Basin I.D. #	08-31-A
DNR I.D. #	27-0071
DNR Classification	Recreational Development
Lake Area (acres)	32
Littoral Area (acres)	23
Tributary Area (acres)	444
Maximum Depth (feet)	37
Depth Class	Deep
Recreation	Beach, boating, fishing pier
Fishery	Bluegill, largemouth bass
Public Access	Ramp, east side of lake
Invasive Species	Curly-leaf pondweed, Eurasian watermilfoil, Brittle naiad, Chinese & banded mystery snail
Restrictions	Motorized boats must use electric motors, except law enforcement and City excursion boats

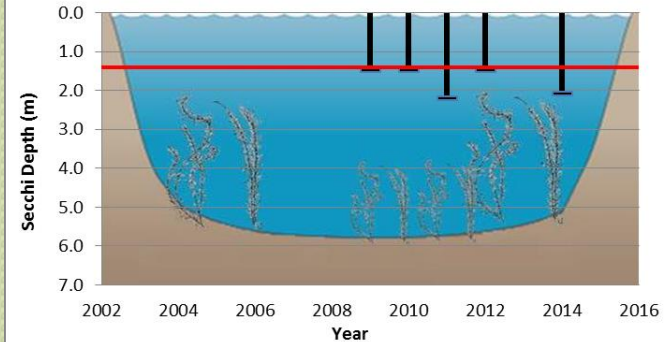


### Round Lake Summer Total Phosphorus History



State water quality standard for Total Phosphorus (TP) is  $\leq 40 \mu\text{g/L}$  (ppb)

### Round Lake Historic Secchi Depth

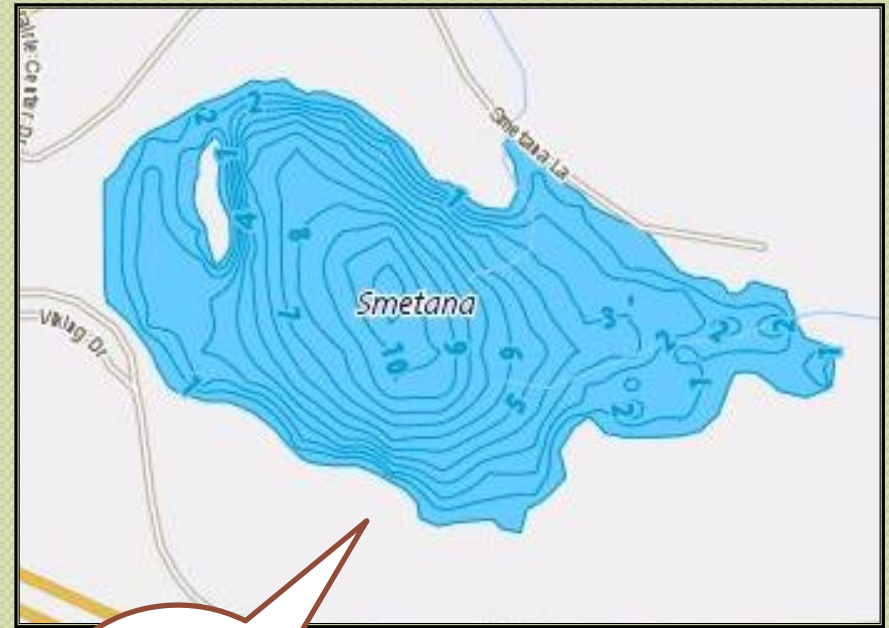


State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.4$  meter

# Lake Smetana

## LAKE DATA

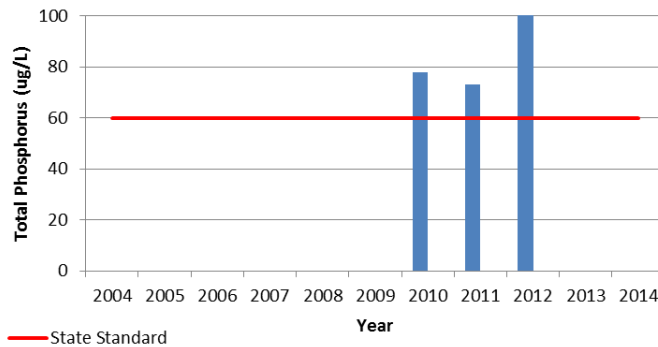
Eden Prairie Basin I.D. #	12-34-A
DNR I.D. #	27-0073
DNR Classification	Natural Environment
Lake Area (acres)	51
Littoral Area (acres)	51
Tributary Area (acres)	929
Maximum Depth (feet)	12
Depth Class	Shallow
Recreation	Boating, fishing
Fishery	Bluegill, northern pike
Public Access	Ramp, northeast side of lake
Invasive Species	Curly-leaf pondweed
Restrictions	Motorized boats must use electric motors, except law enforcement and City excursion boats



DNR Recreation Compass

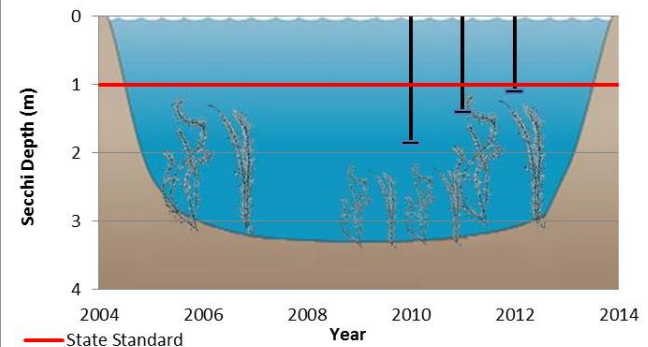


Smetana Lake Summer Total Phosphorus History

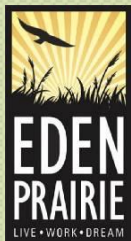


State water quality standard for Total Phosphorus (TP) is  $\leq 60 \mu\text{g/L}$  (ppb)

Smetana Lake Transparency History



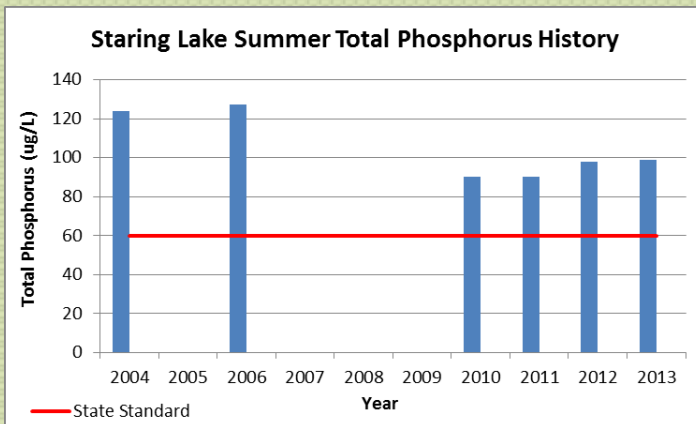
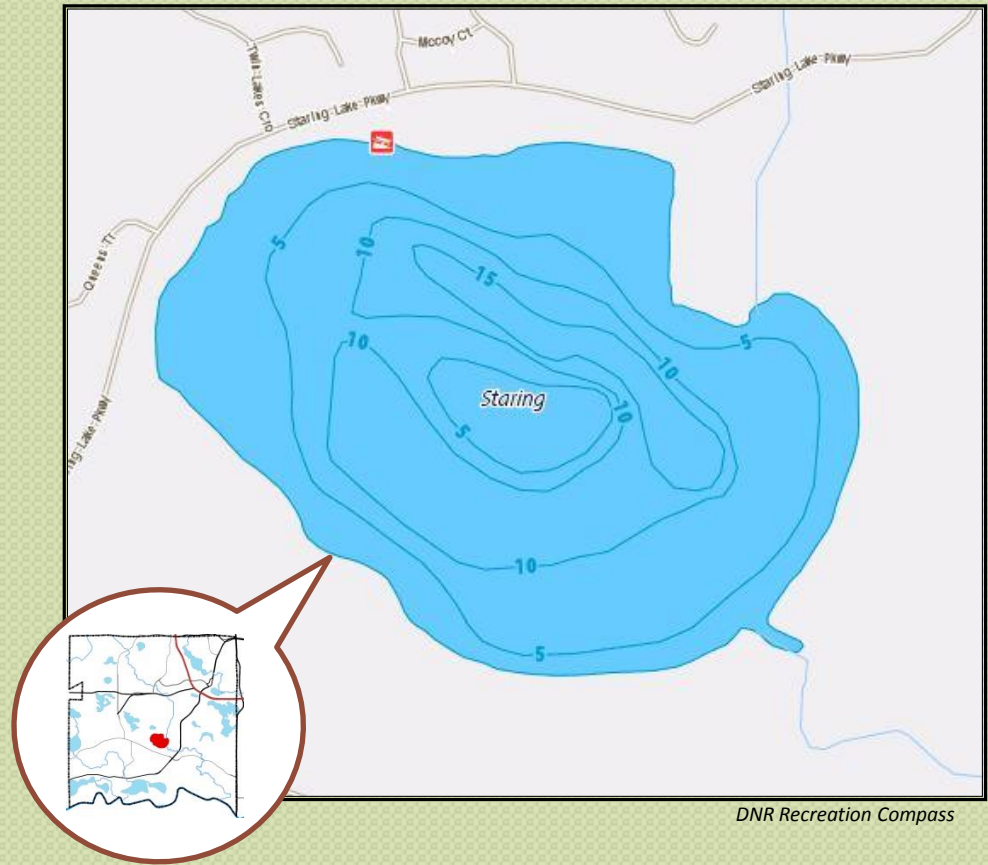
State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.0$  meter



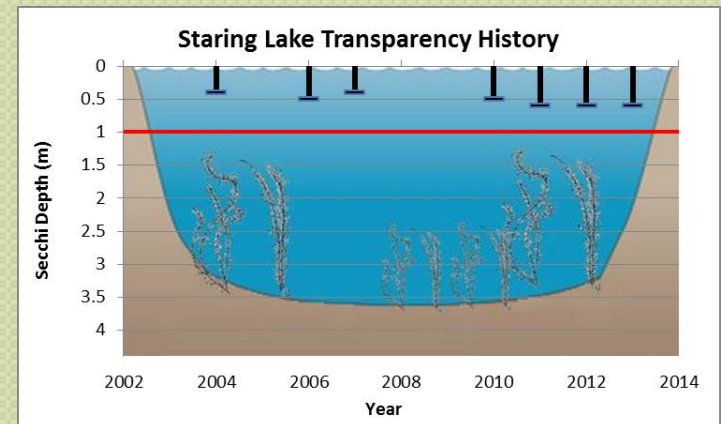
# Staring Lake

## LAKE DATA

Eden Prairie Basin I.D. #	22-32-A
DNR I.D. #	27-0078
DNR Classification	Recreational Development
Lake Area (acres)	164
Littoral Area (acres)	146
Tributary Area (acres)	615
Maximum Depth (feet)	14
Depth Class	Shallow
Recreation	Boating, fishing pier
Fishery	Bluegill, black crappie
Public Access	Ramp, north side of lake
Invasive Species	Curly-leaf pondweed, common carp



State water quality standard for Total Phosphorus (TP) is  $\leq 60 \mu\text{g/L}$  (ppb)



State water quality standard for clarity (Secchi Depth, SD) is  $\geq 1.0$  meter