

Memorandum

Date: May 30, 2026

To: Preston Nielsen, Environment and Climate Programs Coordinator

From: Kris Hadley, Hutchinson Environmental Sciences Ltd.

Re: J100033 - 2025 Water Quality Monitoring Summary

In 2025, Seguin Township completed year 16 of sampling for its Water Quality Monitoring Program. This program collects total phosphorus (TP) concentration data and other pertinent lake information (e.g., Secchi depth, dissolved oxygen concentration, lake depth, and dissolved organic carbon, in support of the water quality model developed to predict phosphorus concentrations in the Township¹. Continued monitoring will also allow the Township to identify any changes in lake water quality as they emerge.

Monitoring in 2025 was conducted by summer students employed by Seguin Township. HESL staff provided sampling instructions which consisted of two half day training sessions in the spring and fall and ongoing technical guidance as well as assisted coordination with the laboratory at Dorset Environmental Science Centre (DESC). Duplicate water samples were collected from 61 sites for analysis of spring overturn TP concentration and in August, 20 sites were revisited to measure dissolved oxygen and temperature profiles, Secchi depth and lake depth.

The major findings from the 2025 Seguin monitoring and the results of the combined data from Seguin's monitoring program and the LPP are summarized below. Recommendations are provided for future sampling.

1. Spring Total Phosphorus

1.1 Data Screening

Water samples for analysis of total phosphorus are taken into duplicate laboratory-provided glass tubes. Contamination of samples can occur during sample collection which can produce elevated TP concentrations and 'bad splits' between the field duplicates. Even with careful sampling, bad splits occur in approximately 10% of sample submissions to DESC (pers. comm., Bev Clark, MOECP retired). All sample pairs that differed by more than a) 40% from the minimum of the two values, and b) 4 µg/L, were therefore flagged and the higher of the two values was removed, assuming contamination.

There were 3 bad splits identified in the 61 samples collected by Seguin Township in 2025 (Table 1). This represents continued good sampling practices as the percentage of bad splits has remained below 10% since 2012. We recommend continued vigilance in following sampling protocol when collecting water samples to maintain the good record of minimum sample contamination.

¹ Hutchinson Environmental Sciences, Ltd., 2016. Review, Update and Refinement of Seguin Township's Water Quality Model (SWQM) and Phosphorus Management Approach. *Final report prepared for Seguin Township. January 2016. 67pp*



Table 1. Bad Splits between Duplicate Samples Collected by the Seguin Township Monitoring Program and the Lake Partner Program (LPP) for Seguin Township Lakes

Year	# of Bad Splits	Total # of Samples	% Bad Splits
2008	3	25	12
2009	7	37	19
2010	4	36	11
2011	8	47	17
2012	4	50	8
2013	1	53	2
2014	1	46	2
2015	0	40	0
2016	1	49	2
2017	0	50	0
2018	2	45	4
2019	4	43	9
2021	5	57	9
2022	0	27	0
2023	1	51	2
2024	0	47	0
2025	3	61	5
Total (08-25)	46	774	6

Outliers from the data set were identified using the Dixon's Q and Grubbs' outlier tests² at a significance level of $\alpha = 0.05$. Fifteen values were identified as outliers in the 2002-2025 data set and were removed from the dataset prior to analysis (Table 2). One new outlier was identified in the 2025 data.

Table 2. Outlier Total Phosphorus Values (2002-2025)

Lake	Year	Outlier TP (µg/L)	Mean 2002-2025 TP (µg/L) (outlier excluded)
Armishaw Lake	2018	14.1	5.4
Blackwater Lake	2008	16.2	9.5
Cosh Lake	2008	21.0	7.0
Fair Lake	2025	26.5	7.2
Gilbank Lake	2006	13.9	7.1
Little Whitefish Lake	2006	10.1	5.1
Maple Lake	2002	18.2	10.2
McKechine Lake	2021	9.8	4.3
Murdock Lake	2018	68.8	11.2
Oastler Lake	2014	10.8	6.8
Salmon Lake	2002	13.2	5.8
Scott Lake	2013	12.3	5.4
Sucker Lake	2008	8.4	5.8
Three-Legged Lake	2009	10.2	4.5
Whitefish Lake	2010	7.4	4.2

² For lakes with 3 to 10 years of data, a sample was considered to be an outlier based on both the Dixon and Grubb's test. For lakes with more than 10 years of data, only the Grubb's test was used to identify outliers.



1.2 Summary

Mean spring total phosphorus concentrations for the 97 Seguin lakes with data from 2002 to 2025 ranged from 3.65 to 21.38 µg/L, with an overall average of 8.04 µg/L (Table 3). Eighty-one (81) of the lakes had spring TP concentrations ≤ 10 µg/L, which provides a high level of protection against aesthetic deterioration due to excessive algal production in lakes (MOE 1994).

The MOECP recommends a minimum of two years of spring overturn TP data to be 95% confident of being within 20% of the mean spring concentration of a lake (Clark and Hutchinson 1992). Eighty-nine (89) lakes in Seguin Township now meet or exceed the minimum monitoring data requirements to provide reliable estimates of long term, spring total phosphorus concentrations.

Mann Kendall trend analysis was used to determine whether TP concentrations were changing significantly over time (2002-2025) in lakes with at least 10 years of data. Forty-one (41) lakes in the full Township of Seguin data set met the criteria for trend analysis. No significant increasing trends in total phosphorus were detected.



Table 3. Mean Spring Total Phosphorus (TP) Concentrations in Seguin Township Lakes (n=97)

Lake name	TP 2025 (µg/L)	# of Years Sampled (02-25)	Mean TP (02-25) (µg/L)
Anselmi Lake		1	8.9
Armishaw Lake	4.9	6	5.3
Baby Lake		11	9.1
Back Lake	7.5	8	7.8
Black Water Lake		11	9.6
Blue Lake	3.1	11	3.9
Brennan Lake		7	10.7
Brush Lake	4.5	8	5.3
Burr Lake		5	7.3
Capton Lake		5	7.2
Carruthers Lake		5	6.4
Clear Lake	3.8	19	3.6
Cochrane Lake		1	10.8
Cosh Lake	6.4	8	7.0
Diamond Lake	6.9	9	8.9
Dick Lake		1	10.6
Draper Lake		9	8.3
Dyson Lake		12	5.0
Fair Lake		7	7.2
Faris Lake	3.2	9	4.1
First Lake	8.0	11	8.1
Flaxman Lake	3.6	7	4.4
Forget Lake		10	6.4
Gerow Lake		5	9.4
Gilbank Lake	4.2	14	6.9
Haines Lake	5.5	9	7.6
Hamer Lake		1	9.0
Heaslip Lake		1	6.7
Home Lake		2	21.4
Hooton Lake	4.0	6	6.1



Lake name	TP 2025 (µg/L)	# of Years Sampled (02-25)	Mean TP (02-25) (µg/L)
Horseshoe Lake	6.0	21	7.1
Isabella Lake	7.5	20	9.4
Joselin (Burnt) Lake		19	5.9
Kight Lake	12.0	7	11.1
Kingshott Lake	11.3	8	9.9
Lake Adele		5	19.7
Lake Leba		5	11.9
Lane Lake		10	5.9
Lieback Lake	3.9	6	5.4
Limestone Lake		1	7.3
Linger Long (Napken) Lake		10	9.3
Lioness Lake	7.3	5	8.9
Little Lake Joe		10	6.4
Little Otter Lake	7.3	10	7.6
Little Seguin/Duck Lake	8.0	18	9.5
Little Whitefish Lake		17	5.1
Long Lake	5.2	9	6.0
Long Lake 1		3	4.3
Lovell Lake		1	9.2
Lower Fry Lake	12.4	9	12.9
Manitouwaba Lake	7.6	19	6.3
Maple Lake	7.5	15	10.0
Martin Lake	7.8	10	6.8
McDonald Lake		10	8.9
McGown Lake	6.9	20	5.2
McKechine Lake	2.4	8	4.0
McLean Lake	9.3	8	7.8
McNutt Lake	9.6	13	10.1
McTaggart Lake		4	10.4
Mill Lake		2	8.0
Mirror Lake	4.9	9	6.8



Lake name	TP 2025 (µg/L)	# of Years Sampled (02-25)	Mean TP (02-25) (µg/L)
Mohan Lake		2	6.9
Murdock Lake	14.2	7	11.8
Mutton Lake	9.2	8	9.6
Neville Lake	9.1	8	11.3
Oastler Lake	4.4	19	6.4
Otter Lake	4.1	21	6.0
Pender Lake	7.3	7	5.9
Pickering Lake		10	13.2
Portage Lake	4.7	11	5.8
Rankin Lake	10.4	19	8.5
Richmond Lake	3.9	7	6.5
Roberts Lake		10	7.9
Salmon Lake	5.4	19	5.7
Scime Lake		2	9.3
Scott Lake		8	5.5
Second Lake	10.8	9	11.4
Sovereign Lake	11.0	4	7.7
Star Lake	10.6	19	10.1
Storm Lake	5.1	7	6.1
Sucker Lake	5.6	11	5.8
Sugar Lake	6.7	20	6.7
Ten Mile Lake	9.8	6	9.9
Third Lake	8.4	9	9.5
Three-Legged Lake	5.1	15	4.5
Tiffin Lake/Silver	6.9	11	6.6
Trout Lake	8.4	10	5.5
Tub Lake	8.6	7	7.3
Tucker Lake	11.5	12	8.9
Turtle Lake		16	8.0
Upper Fry Lake		18	14.0
Virtue Lake		11	10.0



Lake name	TP 2025 (µg/L)	# of Years Sampled (02-25)	Mean TP (02-25) (µg/L)
Watson Lake		4	9.3
Whitefish Lake	3.6	13	4.2
Windfall Lake	8.2	8	8.0
Wright Lake		1	6.4
Yarrow Lake	8.6	7	9.4

2. Dissolved Organic Carbon and Major Ions

Water quality samples were collected and analyzed for dissolved organic carbon during the spring sampling, however samples were not collected for major ions in 2025.

Past sampling performed for the Township of Seguin has focused on the qualitative assessment of dissolved organic substances by water colour observation, however, beginning in 2017 dissolved organic carbon (DOC) samples were also collected to begin to better quantify DOC and identify lakes in which TP concentrations reflect elevated DOC concentrations. Dissolved organic carbon sampling was performed for the sixth time in the 2025 monitoring campaign. Water samples were collected and submitted to the water chemistry lab at ALS for analysis (Table 4). DOC is the dominant factor explaining TP concentrations in Precambrian Shield Lakes and lakes sampled by the District of Muskoka Lake System Health Program show a significant relationship of TP to DOC (HESL 2016). Lakes with high DOC concentration (i.e., >10 mg/L) will have naturally enriched TP concentrations and may not model well because they fall outside the range of DOC in lakes that were used to develop and calibrate the Province's Lakeshore Capacity Model (Ontario, 2010) which was used as the basis of the Seguin Water Quality Model. No lake sampled in 2025 had DOC concentrations above 10 mg/L (Table 4) but Palmer and Yan (2013) reported that DOC concentrations are increasing in Muskoka area lakes. We recommend continued DOC sampling to expand the DOC data set in Seguin and inform future modelling and allow the assessment of trends in DOC in the Seguin lakes.

3. August Field Sampling

Dissolved oxygen and temperature profiles, and lake depth were monitored (Table 5) at 20 study sites in August 2025. Of the lakes monitored, twelve were shallow and mixed to the bottom. Four of the lakes displayed low oxygen concentrations (<2.0 mg/L) within 1 m of the lake bottom. These lakes have potential for internal phosphorus loading via hypolimnetic anoxia and were therefore sampled for total phosphorus at the surface and in the deep water (Table 5). In one lake (i.e., Back Lake) only the bottom-most interval displayed low oxygen concentrations and exceptionally high total phosphorus concentrations which may suggest sampling error (i.e., interference of sediment with measurement), additional sampling at this lake in 2027 will help determine if the DO and TP results collected in 2025 are sampling error or internal loading.



The Seguin Township monitoring program collected samples for total phosphorus from 1 meter above bottom (1mob) to document the potential for phosphorus release from lake sediments (internal loading) in lakes whose dissolved oxygen concentrations fell below 2.0 mg/L (n=4, Table 5). Of the 4 top/bottom samples which displayed low oxygen concentrations, 1 collected in Pickering Lake had no increase between the top and bottom sample. All of the remaining sites sampled in fall of 2025 showed higher phosphorus concentrations in the bottom sample. The magnitude of the increase was small in Third Lake indicating that the increase was more likely related to settling of particulate phosphorus from the surface waters than to internal loading. In Rankin Lake, we recorded a marked increase in bottom water total phosphorus concentrations suggesting internal loading is likely contributing phosphorus to these water bodies. Continued top/bottom sampling of Seguin Township lakes is recommended to identify any additional lakes which may experience internal loading of phosphorus and inform future modelling efforts.

Table 4. Summary of Dissolved Organic Carbon Sampling Conducted in 2025.

Lake Name	Results	Date Sampled
Armishaw Lake	5.48	15-May-2025
Back Lake	5.14	23-May-2025
Blue Lake	3.3	30-May-2025
Brush Lake	4	14-Jun-2025
Clear Lake	2.12	14-Jun-2025
Cosh Lake	5.9	16-May-2025
Diamond Lake	5.53	22-May-2025
Fair Lake	4.84	27-May-2025
Faris Lake	4.02	04-Jun-2025
First Lake	4.19	20-May-2025
Flaxman Lake	3.04	28-May-2025
Gillbank Lake	3.68	13-May-2025
Haines Lake	4.86	03-Jun-2025
Hooton Lake	3.95	29-May-2025
Horseshoe Lake STN 08	3.46	09-May-2025
Horseshoe Lake STN 09	3.56	09-May-2025
Horseshoe Lake STN 10	3.58	09-May-2025
Isabella Lake	5.74	22-May-2025
Joselin (Burnt Lake)	4.74	15-May-2025
Kight Lake	5.2	12-May-2025
Kingshott Lake	5.96	29-May-2025
Lieback Lake	2.95	12-May-2025
Lioness Lake	4.3	27-May-2025
Little Otter Lake	4.39	21-May-2025
Little Seguin/Duck Lake	5.06	28-May-2025
Long Lake	3.23	14-May-2025
Lower Fry Lake	8.58	02-Jun-2025
Manitouwaba Lake	5.69	11-Jun-2025



Maple Lake	5.13	22-May-2025
Martin Lake	5.08	04-Jun-2025
McGown Lake	5.44	09-Jun-2025
McKechine Lake	3.99	14-May-2025
McLean Lake	5.68	04-Jun-2025
Mirror Lake	2.18	27-May-2025
Murdock Lake	7	30-May-2025
Mutton Lake	5.05	13-May-2025
Neville Lake	5.27	03-Jun-2025
Oastler Lake	4.56	21-May-2025
Otter Lake	4.1	09-Jun-2025
Pender Lake	4.08	12-May-2025
Pickering Lake	9.45	23-May-2025
Portage Lake	4.68	15-May-2025
Rankin Lake	4.37	09-Jun-2025
Richmond Lake STN 02	4.71	21-May-2025
Richmond Lake STN 03	4.78	21-May-2025
Salmon Lake	4.29	29-May-2025
Second Lake	4.55	20-May-2025
Sovereign Lake	6.36	29-May-2025
Star Lake	5.05	13-May-2025
Storm Lake	5.27	28-May-2025
Sucker Lake	4.41	27-May-2025
Sugar Lake	3.88	13-May-2025
Ten Mile Lake	6.03	02-Jun-2025
Third Lake	4.35	20-May-2025
Three-Legged Lake	3.43	30-May-2025
Tiffin Lake/Silver	5.79	16-May-2025
Tub Lake	5.14	28-May-2025
Tucker Lake	7.53	16-Jun-2025
White fish Lak	3.42	16-Jun-2025
Windfall Lake	4.65	10-Jun-2025
Yarrow Lake	3.7	12-May-2025



Table 5. Summary of August 2025 Field Sampling Results.

Lake	Depth (m)	Surface Water Temperature (°C)	Dissolved Oxygen (mg/L) ¹	Potentially Anoxic Hypolimnion? ²	Shallow Mixed Water Column? ³	Total Phosphorus Top (mg/L)	Total Phosphorus Bottom (mg/L)
Armishaw Lake	6.3	24.6	2.65	N	Y	9.7	288.5
Back Lake	11.2	26.5	6.95 (0.09)	Y	Y		
Diamond Lake	3.9	22.4	6.98	N	Y		
Fair Lake	3.5	26.1	5.35	N	Y		
First Lake	2.4	23.0	7.24	N	Y		
Haines Lake	13.2	24.0	5.5	N	N	10.2	10.2
Little Otter Lake	4.9	27.1	9.11	N	Y		
Little Seguin/Duck	17.5	27.2	2.75	N	N		
McGown Lake	10.3	24.1	2.84	N	N		
McKechine Lake	5.3	25.1	7.21	N	Y		
Mirror Lake	3.9	26.9	6.96	N	Y	6.1	60.9
Mutton Lake	4.9	27.9	4.78	N	Y		
Pickering Lake	10.8	25.7	0.08	Y	N		
Rankin Lake	20.4	23.7	0.35	Y	N		
Second Lake	2.8	23.1	6.92	N	Y		
Star Lake	21.3	22.3	3.94	N	N	9.4	16.4
Storm Lake	6.8	26.9	11.23	N	N		
Third Lake	9.2	23.3	0.08	Y	N		
Tub Lake	2.8	27.4	8.55	N	Y		
Yarrow Lake	2.6	22.0	5.23	N	Y		

¹value in brackets is the deepest D.O. measurement; ²mean hypolimnetic dissolved oxygen concentration <2.0 mg/L; ³weak stratification refers to lakes that have a thermocline (>1°C change/1 m depth) that extends to the lake bottom.



4. Summary and Recommendations

The 2025 Seguin Water Quality Monitoring Program successfully expanded our understanding of water quality in the Township. Samples were collected for total phosphorus, dissolved oxygen, dissolved organic carbon and temperature, providing important data to inform the ongoing assessment of development capacities and aid in the identification of emerging lake health issues in the Township.

The key results of this years monitoring program and recommendations for future sampling are:

- ❁ A total of 97 of 129 lakes (75%) in Seguin Township have measured spring total phosphorus concentration data, and 89 of these lakes have at least 2 years of data as of the end of the 2025 sampling season. It is important that Seguin Twp. continue to build this record to inform their lake management program.
- ❁ August monitoring of dissolved oxygen, temperature, and lake depth was completed for 20 sites in 2025. These data have been useful to flag lakes where internal loading of phosphorus may pose future management challenges. Continued expansion of this database to include additional lakes and to look for changes over time is recommended but should not be considered authoritative as the sampling period ends well before the end of the period of stratification and so does not capture the maximum oxygen stress.
- ❁ We recommend that the monitoring program continue with the focus on lakes that have little or no TP data ('B' lakes), while expanding the long-term monitoring of more frequently monitored lakes and include the collection of top/bottom total phosphorus samples in low oxygen lakes.
- ❁ Quantitative analysis of DOC was carried out in 2025 for the sixth time. The majority (n=92) of the lakes that are assessable and frequently sampled by the Township now have at least a single year of DOC data. Some "B" lakes (n=44) have not yet been sampled for DOC, however we note that many of these lakes have not been sampled for total phosphorus due to accessibility issues. HESL will work with Seguin Township to select the most appropriate lakes for additional DOC sampling. Several lakes now have 4 years of DOC data collected as of the end of 2025, with an additional years data there is an opportunity to assess trends in DOC over time to assess regional changes. The potential for this analysis will be discussed with the Township for implementation in the 2027 program.
- ❁ Outlier and bad split assessments suggest that the sampling in 2025 was excellent. It is important to reinforce the need for proper field protocol for sample collection and record keeping among the student crew. We recommend that an orientation "refresher" continue to be conducted for the students prior to the August sampling with additional attention to dissolved oxygen sampling methods.

5. References

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Appendix A. Seguin Township Lake List



Lake Name	2009 Model Lake	Accessible?	DOC	'A'	'B'
1	26	-			x
2	27	-			x
3	1	-			x
4	100	-			x
5	87	-			x
7	89	-			x
8	126	-			x
9	127	-			x
10/Good Lake	95	No			x
6/Vinett Lake	88	All Marsh			x
Aikman Lake	54	Yes			x
Anselmi Lake	101	No			x
Armishaw Lake	102	Yes	x	x	
Baby Lake	61	Yes	X	x	
Back Lake	49	Yes	x	x	
Bennett Lake	28	-			x
Black Water Lake	97	Yes	X	x	
Blue Lake	2	Yes	x	x	
Brennan Lake	15	Yes	x	x	
Brush Lake	103	Yes	x		x
Burr Lake	104	Yes			x
Capton Lake	50	-	x	x	
Carruthers Lake	62	Yes			x
Carter Lake	105	-			x
Catfish Lake	29	-			x
Clear Lake	63	Yes	x	x	
Clear Lake 1	30	-			x
Clubbe Lake	106	No			x
Cochrane Lake	51	Yes			x
Cosh Lake	64	Yes	x	x	
Dainty Lake	65	No			x
Dell Lake	44	-			x
Diamond Lake	66	Yes	x	x	
Dick Lake	107	Yes			x
Draper Lake	108	Yes	X	x	
Dyson Lake	109	Yes	X	x	
Fair Lake	110	Yes	x	x	
Faris Lake	67	Yes	x	x	
First Lake	16	Yes	X	x	
Flaxman Lake	17	Yes	x	x	
Forget Lake	31	Yes	x	x	
Fume Lake	90	No			x
Gerow Lake	111	Yes			x
Gilbank Lake	68	Yes	X	x	
Haines Lake	42	Yes	x	x	
Hamer Lake	112	Yes			x
Heaslip Lake	32	Yes			x
Hines Lake	33	-			x
Home Lake	45	Yes			x
Hooton Lake	55	Yes	x		x
Horn Lake	84	No			x
Horseshoe Lake (includes Virtue	18	Yes	X	x	
Hurst Lake	113	No			x
Isabella Lake	60	Yes	x	x	



Jelso Lake	91	No			x
Joselin (Burnt) Lake	34	Yes	x	x	
Kight Lake	52	Yes	x	x	
Kingshott Lake	35	Yes	x	x	
Krapek Lake	114	No			x
Lane Lake	43	Yes	X	x	
Lieback Lake	69	Yes	x	x	
Linger Long Lake/Napken	3	Yes	X	x	
Lioness Lake	19	Yes	x		x
Lipscombe Lake	56	No			x
Little Manitouwaga Lake	98	No			x
Little Seguin/Duck Lake	70	Yes	x	x	
Little Whitefish	71	Yes	X	x	
Long Lake	53	Yes	x	x	
Long Lake 1	72	Yes		x	
Loucks Lake	115	No			x
Lovell Lake	4	Yes			x
Lower Fry Lake	85	Yes	x	x	
Manitouwaba Lake	99	Yes	x	x	
Maple Lake	73	Yes	X	x	
Martin Lake	74	Yes	x	x	
McCan Lake	116	No			x
McCauley Lake	75	No			x
McCoy Lake	57	No			x
McDonald Lake	5	Yes	x	x	
McGowan Lake	36	Yes	x	x	
McGruther Lake	46	-			x
McKechine Lake	37	Yes	x	x	
McLean Lake	76	Yes	x	x	
McNutt Lake	47	Yes	x	x	
McTaggart Lake	117	Yes			x
Mirror Lake	118	Yes	X	x	
Mohan Lake	77	No			x
Motley Lake	119	No			x
Murdock Lake	6	Yes	x	x	
Mutton Lake	78	Yes	x	x	
Neville Lake	48	Yes	X	x	
Oak Lake	38	No			x
Oastler Lake	7	Yes	x	x	
One Island Lake	39	No			x
Otter Lake	8	Yes	X	x	
Payne Lake	40	No			x
Pender Lake	20	Yes	x	x	
Pickering Lake	120	No	x		x
Ponsford Lake	79	No			x
Portage Lake	128	Yes	X	x	
Rankin Lake	9	Yes	x	x	
Richmond Lake	41	Yes			x
Roberts Lake	121	Yes	X	x	
Salmon Lake	10	Yes	X	x	
Santa Lake	96	-			x
Scime Lake	11	Yes		x	
Scott Lake	12	Yes	x	x	
Second Lake	21	Yes	x	x	
Sovereign Lake	13	Yes	x		x
Spectacle Lake	22	-			x
Star Lake	80	Yes	x	x	
Storm Lake	94	Yes	x	x	



Sucker Lake	122	Yes	X	x	
Sugar Lake	81	Yes	X	x	
Tarver Lake	58	No			x
Ten Mile Lake	92	Yes	x	x	
Third Lake	23	Yes	x	x	
Three-Legged Lake	59	Yes	X	x	
Tiffin/Silver Lake	123	Yes	x	x	
Trout Lake	72.5	Yes	x	x	
Tub Lake	93	Yes	x	x	
Tucker Lake	124	Yes	X	x	
Turtle	82	Yes	X	x	
Upper Fry Lake	86	Yes	x	x	
Watson Lake	125	Yes			x
Whitefish Lake	83	Yes	X	x	
Windfall Lake	24	Yes	x	x	
Wright Lake	14	Yes			x
Yarrow Lake	25	Yes	x	x	

KRH

