

Multi-Lake Data Summary

County	Date Range	Data Source
Morrison	05-15-2016 - 09-18-2017	RMB

**RMB Lab note: prior to 2011, the reporting limit for total phosphorus was 5 ug/L. Starting in 2011, the reporting limit is 3 ug/L.*

Lake	Sample Date	Time	Site	Sampler	Lab Code	Data Source	TP ug/L	ChlA ug/L	Secchi Ft.	TSI Phos.	TSI ChlAL	TSI Secchi Ft.	TSI Avg.
Alexander	05-22-2016	05:15 PM	202	Steve Sunde	304576	RMB	11	2.22	15	39	38	38	38
Alexander	06-28-2016	05:40 PM	202	Steve Sunde	319337	RMB	9	< 1	22	36	24	33	31
Alexander	07-26-2016	07:20 AM	202	Steve Sunde	323098	RMB	18	5.34	16	46	47	37	43
Alexander	08-15-2016	05:30 PM	202	Steve Sunde	325980	RMB	17	8.46	11	45	52	43	47
Alexander	09-13-2016	05:45 PM	202	Steve Sunde	328976	RMB	24	12.5	12	50	55	41	49
Alexander	06-06-2017	06:30 PM	202	Steve Sunde	359325	RMB	20	1.34	24	47	33	31	37
Alexander	07-11-2017	05:30 PM	202	Steve Sunde	363804	RMB	14	1.78	16.5	42	36	37	38
Alexander	08-01-2017	06:10 PM	202	Steve Sunde	366564	RMB	12	2.67	13	40	40	40	40
Alexander	09-05-2017	05:30 PM	202	Steve Sunde	372468	RMB	20	8.01	12	47	51	41	46
Historical Mean							16.1	4.8	15.7	43.6	41.8	37.9	41.0

Lake	Sample Date	Time	Site	Sampler	Lab Code	Data Source	TP ug/L	ChlA ug/L	Secchi Ft.	TSI Phos.	TSI ChlAL	TSI Secchi Ft.	TSI Avg.
Cedar	06-06-2016	08:00 AM	202	Jim Drill	305930	RMB	9	4.9	N/A	36	46	N/A	41
Cedar	07-25-2016	08:00 AM	202	Jim Drill	322182	RMB	12	2.22	14	40	38	39	39
Cedar	08-23-2016	08:00 AM	202	Jim Drill	326840	RMB	8	4	N/A	34	44	N/A	39
Cedar	06-12-2017	07:00 PM	202	Jim Drill	359877	RMB	11	4.45	20	39	45	34	39
Cedar	07-31-2017	07:00 PM	202	Jim Drill	366379	RMB	9	< 1	20	36	24	34	31
Cedar	08-27-2017	05:00 PM	202	Jim Drill	371627	RMB	11	3.56	N/A	39	43	N/A	41
Historical Mean							10.0	3.3	18.0	37.3	40.0	35.7	38.3

Lake	Sample Date	Time	Site	Sampler	Lab Code	Data Source	TP ug/L	ChlA ug/L	Secchi Ft.	TSI Phos.	TSI ChlAL	TSI Secchi Ft.	TSI Avg.
Fish Trap	05-17-2016	11:30 AM	204	Jim Fogelberg	304242	RMB	19	5.34	11	47	47	43	46
Fish Trap	06-27-2016	11:10 AM	204	Jim Fogelberg	319112	RMB	14	2.22	11	42	38	43	41
Fish Trap	07-18-2016	11:05 AM	204	Jim Fogelberg	321521	RMB	20	5.34	12	47	47	41	45
Fish Trap	08-15-2016	11:05 AM	204	Jim Fogelberg and Gary Greene	325960	RMB	30	8.46	6.5	53	52	50	52
Fish Trap	09-20-2016	11:35 AM	204	Jim Fogelberg	329891	RMB	21	14.2	7.5	48	57	48	51
Fish Trap	05-21-2017	11:40 AM	204	Jim Fogelberg and Gary Greene	357526	RMB	13	4.45	13	41	45	40	42
Fish Trap	07-09-2017	11:35 AM	204	Jim Fogelberg	363308	RMB	15	2.67	12.5	43	40	41	41
Fish Trap	08-20-2017	11:25 AM	204	Jim Fogelberg	370908	RMB	19	5.78	8	47	48	47	47
Fish Trap	09-17-2017	01:25 PM	204	Jim Fogelberg	373831	RMB	20	7.12	9.5	47	50	45	47
Historical Mean							19.0	6.2	10.1	46.1	47.1	44.2	45.8

Lake	Sample Date	Time	Site	Sampler	Lab Code	Data Source	TP ug/L	ChlA ug/L	Secchi Ft.	TSI Phos.	TSI ChlAL	TSI Secchi Ft.	TSI Avg.
Pine	05-15-2016	12:00 PM	202	Thomas Lind	303977	RMB	12	3.12	22	40	42	33	38
Pine	06-19-2016	01:00 PM	202	Thomas Lind	317986	RMB	11	1.78	17	39	36	36	37
Pine	07-17-2016	02:00 PM	202	Thomas Lind	321303	RMB	16	1.78	17.6	44	36	36	39
Pine	08-14-2016	12:10 PM	202	Thomas Lind	325711	RMB	12	1.78	15	40	36	38	38
Pine	05-14-2017	12:30 PM	202	Thomas Lind	351181	RMB	11	1.78	22	39	36	33	36
Pine	06-25-2017	12:15 PM	202	Thomas Lind	362093	RMB	9	2.22	21	36	38	33	36
Pine	07-16-2017	12:10 PM	202	Thomas Lind	364484	RMB	10	1.34	18	37	33	35	35
Pine	08-20-2017	11:55 AM	202	Thomas Lind	370910	RMB	13	2.67	N/A	41	40	N/A	41
Pine	09-17-2017	11:55 AM	202	Thomas Lind	373826	RMB	11	3.56	17.5	39	43	36	39
Historical Mean							11.7	2.2	18.8	39.4	37.8	35.0	37.7

Lake	Sample Date	Time	Site	Sampler	Lab Code	Data Source	TP ug/L	ChlA ug/L	Secchi Ft.	TSI Phos.	TSI ChlAL	TSI Secchi Ft.	TSI Avg.
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Shamaineau	05-16-2016	09:30 AM	204 Al Doree, Bob Koll	303907 RMB	10	3.12	17	37	42	36	38	
Shamaineau	06-20-2016	09:00 AM	204 Al Doree, Bob Koll	317864 RMB	12	3.12	14	40	42	39	40	
Shamaineau	07-18-2016	09:30 AM	204 Al Doree, Bob Koll	321325 RMB	14	3.56	13	42	43	40	42	
Shamaineau	08-15-2016	08:45 AM	204 Al Doree	325720 RMB	24	4.9	11.01	50	46	43	46	
Shamaineau	09-19-2016	09:30 AM	204 Al Doree	329471 RMB	21	10.7	8.5	48	54	46	49	
Shamaineau	05-15-2017	09:30 AM	204 Al Doree, Bob Koll	351182 RMB	11	3.12	17	39	42	36	39	
Shamaineau	07-17-2017	09:30 AM	204 Al Doree	364485 RMB	10	2.67	13	37	40	40	39	
Shamaineau	08-21-2017	09:30 AM	204 Al Doree, Bob Koll	371089 RMB	12	3.56	10	40	43	44	42	
Shamaineau	09-18-2017	09:30 AM	204 Al Doree, Bob Koll	373833 RMB	14	9.34	10.5	42	53	43	46	
Historical Mean						14.2	4.9	12.7	41.7	45.0	40.8	42.3

Lake	Sample Date	Time	Site	Sampler	Lab Code	Data Source	TP ug/L	ChlA ug/L	Secchi Ft.	TSI Phos.	TSI ChlAL	TSI Secchi Ft.	TSI Avg.
Sullivan	06-07-2016	09:00 AM	201 N/A		306155	RMB	14	3.12	11	42	42	43	42
Sullivan	07-19-2016	11:30 AM	201 N/A		321887	RMB	20	3.56	8.5	47	43	46	45
Sullivan	08-30-2016	09:00 AM	201 Steve Pavelka		327743	RMB	17	6.23	8.5	45	49	46	47
Sullivan	05-08-2017	09:30 AM	201 Steve Pavelka		350732	RMB	21	5.34	10	48	47	44	46
Sullivan	06-12-2017	09:00 AM	201 Steve Pavelka		359751	RMB	15	6.68	12	43	49	41	44
Sullivan	07-10-2017	09:00 AM	201 Steve Pavelka		363305	RMB	14	5.34	N/A	42	47	N/A	45
Sullivan	08-28-2017	08:30 AM	201 Steve Pavelka		371628	RMB	11	7.56	8	39	50	47	45
Sullivan	09-18-2017	09:00 AM	201 Steve Pavelka		373998	RMB	12	4.45	10.5	40	45	43	43
Historical Mean							15.5	5.3	9.8	43.3	46.5	44.3	44.6