

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0.5	4.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0.5	4.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0.5	4.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.40	Sunny	Calm/Ripple	S	Below Normal	0.4	3.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.40	Sunny	Calm/Ripple	S	Below Normal	0.4	3.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.40	Sunny	Calm/Ripple	S	Below Normal	0.4	3.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	1.7	3.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	1.7	3.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	1.7	3.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	2.6	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	2.6	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	2.6	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Below Normal	1.2	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Below Normal	1.2	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Below Normal	1.2	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	No Selection	Calm/Ripple	NONE	Below Normal	0.3	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	No Selection	Calm/Ripple	NONE	Below Normal	0.3	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	No Selection	Calm/Ripple	NONE	Below Normal	0.3	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Overcast	Calm/Ripple	NONE	Below Normal	3	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Overcast	Calm/Ripple	NONE	Below Normal	3	2.00
RCJ	Altamont New	EFFINGHAM	Less Than 5%	0.00	Overcast	Calm/Ripple	NONE	Below Normal	3	2.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.50	Sunny	Small Waves	S	Normal or Full	0	4.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.50	Sunny	Small Waves	S	Normal or Full	0	4.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.50	Sunny	Small Waves	S	Normal or Full	0	4.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	6.25
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	6.25

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RCJ	Altamont New	18-Jun-18	09:15	RCJ-1	48	FALSE	FALSE	0	12	29.0
RCJ	Altamont New	18-Jun-18	09:40	RCJ-2	48	FALSE	FALSE	0	12	17.0
RCJ	Altamont New	18-Jun-18	09:55	RCJ-3	56	FALSE	FALSE	0	7	8.0
RCJ	Altamont New	26-Jun-18	14:05	RCJ-1	48	FALSE	FALSE	0	11	29.0
RCJ	Altamont New	26-Jun-18	14:25	RCJ-2	48	FALSE	FALSE	0	12	17.0
RCJ	Altamont New	26-Jun-18	14:40	RCJ-3	36	FALSE	FALSE	0	13	8.0
RCJ	Altamont New	09-Jul-18	13:30	RCJ-1	24	FALSE	FALSE	0	13	29.0
RCJ	Altamont New	09-Jul-18	13:45	RCJ-2	24	FALSE	FALSE	0	12	17.0
RCJ	Altamont New	09-Jul-18	13:55	RCJ-3	18	FALSE	FALSE	0	7	7.0
RCJ	Altamont New	23-Jul-18	07:25	RCJ-1	15	FALSE	FALSE	0	12	29.0
RCJ	Altamont New	23-Jul-18	07:40	RCJ-2	18	FALSE	FALSE	0	12	17.0
RCJ	Altamont New	23-Jul-18	07:50	RCJ-3	18	FALSE	FALSE	0	15	7.0
RCJ	Altamont New	06-Aug-18	14:15	RCJ-1	18	FALSE	FALSE	0	13	29.0
RCJ	Altamont New	06-Aug-18	14:30	RCJ-2	18	FALSE	FALSE	0	13	17.0
RCJ	Altamont New	06-Aug-18	14:45	RCJ-3	18	FALSE	FALSE	0	12	7.0
RCJ	Altamont New	13-Aug-18	14:40	RCJ-1	9	FALSE	FALSE	0	6	29.0
RCJ	Altamont New	13-Aug-18	15:00	RCJ-2	16	FALSE	FALSE	0	12	17.0
RCJ	Altamont New	13-Aug-18	15:20	RCJ-3	12	FALSE	FALSE	0	6	7.0
RCJ	Altamont New	24-Sep-18	08:30	RCJ-1	24	FALSE	FALSE	0	13	29.0
RCJ	Altamont New	24-Sep-18	08:45	RCJ-2	24	FALSE	FALSE	0	13	17.0
RCJ	Altamont New	24-Sep-18	09:45	RCJ-3	21	FALSE	FALSE	0	12	7.0
RMJ	Apple Canyon	14-May-18	13:19	RMJ-1	203	FALSE	FALSE	0	0	40.0
RMJ	Apple Canyon	14-May-18	13:43	RMJ-2	194	FALSE	FALSE	0	0	52.0
RMJ	Apple Canyon	14-May-18	14:11	RMJ-3	124	TRUE	FALSE	1	0	11.0
RMJ	Apple Canyon	31-May-18	08:10	RMJ-1	106	FALSE	FALSE	0	0	40.0
RMJ	Apple Canyon	31-May-18	08:45	RMJ-2	99	FALSE	FALSE	0	0	48.0
RMJ	Apple Canyon	31-May-18	09:10	RMJ-3	56	FALSE	FALSE	1	0	11.0
RMJ	Apple Canyon	18-Jun-18	07:47	RMJ-1	118	FALSE	FALSE	0	0	39.0
RMJ	Apple Canyon	18-Jun-18	08:19	RMJ-2	127	FALSE	FALSE	0	0	46.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	6.25
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	1.00	Sunny	Calm/Ripple	S	Above Normal	5	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	1.00	Sunny	Calm/Ripple	S	Above Normal	5	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	1.00	Sunny	Calm/Ripple	S	Above Normal	5	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	7.50
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	7.50
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	7.50
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	1.00	Sunny	Small Waves	NW	Normal or Full	3	7.50
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	1.00	Sunny	Small Waves	NW	Normal or Full	3	7.50
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	1.00	Sunny	Small Waves	NW	Normal or Full	3	7.50
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	3.50	Overcast	Calm/Ripple	NE	Above Normal	6	4.50
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	3.50	Overcast	Calm/Ripple	NE	Above Normal	6	4.50
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	3.50	Overcast	Calm/Ripple	NE	Above Normal	6	4.50

Lake Code	Waterbody	Observations	Other Information	Management
				Dredging Weed Harvesting Watershed Program
RMJ	Apple Canyon			Dredging Weed Harvesting Watershed Program
RMJ	Apple Canyon			Dredging Weed Harvesting Watershed Program
RMJ	Apple Canyon			Dredging Weed Harvesting Watershed Program
RMJ	Apple Canyon			Dredging Weed Harvesting Watershed Program
RMJ	Apple Canyon	New lake level gauge is installed		Weed harvesting Dredging Watershed Program
RMJ	Apple Canyon	New lake level gauge is installed		Weed harvesting Dredging Watershed Program
RMJ	Apple Canyon	New lake level gauge is installed		Weed harvesting Dredging Watershed Program
RMJ	Apple Canyon	new lake level gauge is installed		weed harvesting dredging watershed program
RMJ	Apple Canyon	new lake level gauge is installed		weed harvesting dredging watershed program
RMJ	Apple Canyon	new lake level gauge is installed		weed harvesting dredging watershed program
RMJ	Apple Canyon	3.5 inches of rain two days ago a lot of floating duckweed		weed harvesting dredging watershed program
RMJ	Apple Canyon	3.5 inches of rain two days ago a lot of floating duckweed		weed harvesting dredging watershed program
RMJ	Apple Canyon	3.5 inches of rain two days ago a lot of floating duckweed		weed harvesting dredging watershed program

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RMJ	Apple Canyon	18-Jun-18	08:52	RMJ-3	91	FALSE	FALSE	1	0	11.0
RMJ	Apple Canyon	28-Jun-18	07:47	RMJ-1	60	FALSE	FALSE	0	0	41.5
RMJ	Apple Canyon	28-Jun-18	08:22	RMJ-2	60	FALSE	FALSE	0	0	46.0
RMJ	Apple Canyon	28-Jun-18	08:59	RMJ-3	42	FALSE	FALSE	1	0	11.0
RMJ	Apple Canyon	10-Jul-18	07:36	RMJ-1	83	FALSE	FALSE	0	16	42.0
RMJ	Apple Canyon	10-Jul-18	08:08	RMJ-2	56	FALSE	FALSE	0	16	51.0
RMJ	Apple Canyon	10-Jul-18	08:35	RMJ-3	18	FALSE	FALSE	1	16	11.0
RMJ	Apple Canyon	23-Jul-18	08:03	RMJ-1	45	FALSE	FALSE	0	16	39.5
RMJ	Apple Canyon	23-Jul-18	8:28	RMJ-2	46	FALSE	FALSE	0	16	45.0
RMJ	Apple Canyon	23-Jul-18	49:28	RMJ-3	44	FALSE	FALSE	1	16	11.0
RMJ	Apple Canyon	07-Aug-18	08:05	RMJ-1	39	FALSE	FALSE	0	16	39.5
RMJ	Apple Canyon	07-Aug-18	08:28	RMJ-2	42	FALSE	FALSE	0	16	45.0
RMJ	Apple Canyon	07-Aug-18	08:55	RMJ-3	34	FALSE	FALSE	1	16	11.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Overcast	Moderate Waves	SW	Normal or Full	0	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Overcast	Moderate Waves	SW	Normal or Full	0	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Overcast	Moderate Waves	SW	Normal or Full	0	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	6.00
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Normal or Full	0	4.50
RMJ	Apple Canyon	JO DAVIESS	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Normal or Full	0	4.50
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.50	Overcast	Calm/Ripple	S	Below Normal	8	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.50	Overcast	Calm/Ripple	S	Below Normal	8	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.50	Overcast	Calm/Ripple	S	Below Normal	8	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	3	1.50
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	3	1.50
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	3	1.50
RAZP	Arcadia	WILLIAMSON	Less Than 5%	3.00	Partly Cloudy	Moderate Waves	S	Normal or Full	0	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	3.00	Partly Cloudy	Moderate Waves	S	Normal or Full	0	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	3.00	Partly Cloudy	Moderate Waves	S	Normal or Full	0	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	8	0.75
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	8	0.75
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	8	0.75
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.75	Sunny	Calm/Ripple	S	Below Normal	8	2.00

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RMJ	Apple Canyon	27-Aug-18	07:47	RMJ-1	35	FALSE	FALSE	0	16	40.0
RMJ	Apple Canyon	27-Aug-18	08:03	RMJ-2	34	FALSE	FALSE	0	16	46.0
RMJ	Apple Canyon	27-Aug-18	08:19	RMJ-3	30	FALSE	FALSE	1	16	11.0
RMJ	Apple Canyon	25-Sep-18	08:20	RMJ-1	34	FALSE	FALSE	0	8	45.0
RMJ	Apple Canyon	25-Sep-18	08:47	RMJ-2	32	FALSE	FALSE	0	8	47.0
RMJ	Apple Canyon	25-Sep-18	09:15	RMJ-3	19	FALSE	FALSE	1	8	10.0
RMJ	Apple Canyon	16-Oct-18	09:12	RMJ-1	56	FALSE	FALSE	0	17	40.0
RMJ	Apple Canyon	16-Oct-18	09:37	RMJ-2	54	FALSE	FALSE	0	17	46.0
RMJ	Apple Canyon	16-Oct-18	10:10	RMJ-3	45	FALSE	FALSE	0	17	11.0
RMJ	Apple Canyon	19-Nov-18	13:15	RMJ-1	74	FALSE	FALSE	0		40.0
RMJ	Apple Canyon	19-Nov-18	13:45	RMJ-2	74	FALSE	FALSE	0		45.0
RAZP	Arcadia	29-May-18	12:00	RAZP-1	38	FALSE	FALSE	0	8	21.0
RAZP	Arcadia	29-May-18	12:15	RAZP-2	40	FALSE	FALSE	0	8	12.0
RAZP	Arcadia	29-May-18	11:45	RAZP-3	38	FALSE	FALSE	0	8	10.5
RAZP	Arcadia	12-Jun-18	09:15	RAZP-1	38	FALSE	FALSE	0	17	19.5
RAZP	Arcadia	12-Jun-18	09:30	RAZP-2	37	FALSE	FALSE	0	8	11.0
RAZP	Arcadia	12-Jun-18	09:00	RAZP-3	36	FALSE	FALSE	0	8	10.5
RAZP	Arcadia	27-Jun-18	11:00	RAZP-1	34	FALSE	FALSE	0	3	21.0
RAZP	Arcadia	27-Jun-18	11:15	RAZP-2	35	FALSE	FALSE	0	12	11.0
RAZP	Arcadia	27-Jun-18	10:45	RAZP-3	33	FALSE	FALSE	0	12	11.0
RAZP	Arcadia	26-Jul-18	12:30	RAZP-1	36	FALSE	FALSE	0	3	20.5
RAZP	Arcadia	26-Jul-18	12:45	RAZP-2	36	FALSE	FALSE	0	3	10.5
RAZP	Arcadia	26-Jul-18	12:15	RAZP-3	36	FALSE	FALSE	0	3	10.0
RAZP	Arcadia	16-Jul-18	10:00	RAZP-1	34	FALSE	FALSE	0	3	21.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.75	Sunny	Calm/Ripple	S	Below Normal	8	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.75	Sunny	Calm/Ripple	S	Below Normal	8	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	1.50	Partly Cloudy	Calm/Ripple	S	Below Normal	6	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	1.50	Partly Cloudy	Calm/Ripple	S	Below Normal	6	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	1.50	Partly Cloudy	Calm/Ripple	S	Below Normal	6	2.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Small Waves	S	Below Normal	4	1.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Small Waves	S	Below Normal	4	1.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Small Waves	S	Below Normal	4	1.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Overcast	Small Waves	S	Below Normal	4	1.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Overcast	Small Waves	S	Below Normal	4	1.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Overcast	Small Waves	S	Below Normal	4	1.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Small Waves	N	Normal or Full	0	0.75
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Small Waves	N	Normal or Full	0	0.75
RAZP	Arcadia	WILLIAMSON	Less Than 5%	0.00	Sunny	Small Waves	N	Normal or Full	0	0.75
RTZT	Barrington	LAKE	Less Than 5%	1.00	Sunny	Calm/Ripple	E	Above Normal	4	1.00
RTZT	Barrington	LAKE	Less Than 5%	1.00	Sunny	Calm/Ripple	E	Above Normal	4	1.00
RTZT	Barrington	LAKE	Less Than 5%	1.00	Sunny	Calm/Ripple	E	Above Normal	4	1.00
RTZT	Barrington	LAKE	Less Than 5%	1.00	Sunny	Calm/Ripple	E	Above Normal	4	1.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	S	Above Normal	1.5	1.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	S	Above Normal	1.5	1.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	S	Above Normal	1.5	1.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	S	Above Normal	1.5	1.00
RTZT	Barrington	LAKE	Less Than 5%	4.00	Overcast	Calm/Ripple	NW	Above Normal	7	1.00
RTZT	Barrington	LAKE	Less Than 5%	4.00	Overcast	Calm/Ripple	NW	Above Normal	7	1.00
RTZT	Barrington	LAKE	Less Than 5%	4.00	Overcast	Calm/Ripple	NW	Above Normal	7	1.00
RTZT	Barrington	LAKE	Less Than 5%	4.00	Overcast	Calm/Ripple	NW	Above Normal	7	1.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Above Normal	2.5	1.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Above Normal	2.5	1.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Above Normal	2.5	1.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Above Normal	2.5	1.00
RTZT	Barrington	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	6.00
RTZT	Barrington	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	6.00
RTZT	Barrington	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	6.00
RTZT	Barrington	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	6.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	3	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
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RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RAZP	Arcadia			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington			
RTZT	Barrington	20% algae cover in the North Bay		
RTZT	Barrington	20% algae cover in the North Bay		
RTZT	Barrington	20% algae cover in the North Bay		
RTZT	Barrington	20% algae cover in the North Bay		
RTZT	Barrington	sites #1-3 weeds up to 9 feet		
RTZT	Barrington	sites #1-3 weeds up to 9 feet		
RTZT	Barrington	sites #1-3 weeds up to 9 feet		
RTZT	Barrington	sites #1-3 weeds up to 9 feet		
RTZT	Barrington	no significant changes except for water level		

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RAZP	Arcadia	16-Jul-18	10:15	RAZP-2	32	FALSE	FALSE	0	3	11.0
RAZP	Arcadia	16-Jul-18	09:45	RAZP-3	32	FALSE	FALSE	0	12	10.5
RAZP	Arcadia	08-Aug-18	10:00	RAZP-1	36	FALSE	FALSE	0	3	20.5
RAZP	Arcadia	08-Aug-18	10:15	RAZP-2	38	FALSE	FALSE	0	3	10.5
RAZP	Arcadia	08-Aug-18	09:45	RAZP-3	40	FALSE	FALSE	0	3	10.5
RAZP	Arcadia	28-Aug-18	11:45	RAZP-1	41	FALSE	FALSE	0	17	20.5
RAZP	Arcadia	28-Aug-18	12:00	RAZP-2	44	FALSE	FALSE	0	17	11.0
RAZP	Arcadia	28-Aug-18	11:30	RAZP-3	40	FALSE	FALSE	0	17	10.5
RAZP	Arcadia	06-Sep-18	11:15	RAZP-1	37	FALSE	FALSE	0	17	19.5
RAZP	Arcadia	06-Sep-18	11:30	RAZP-2	37	FALSE	FALSE	0	17	10.5
RAZP	Arcadia	06-Sep-18	11:00	RAZP-3	38	FALSE	FALSE	0	17	11.0
RAZP	Arcadia	18-Sep-18	12:15	RAZP-1	44	FALSE	FALSE	1	17	20.5
RAZP	Arcadia	18-Sep-18	12:00	RAZP-2	43	FALSE	FALSE	1	17	11.0
RAZP	Arcadia	18-Sep-18	11:45	RAZP-3	47	FALSE	FALSE	1	17	11.5
RAZP	Arcadia	22-Oct-18	13:30	RAZP-1	35	FALSE	FALSE	0	17	21.0
RAZP	Arcadia	22-Oct-18	13:45	RAZP-2	36	FALSE	FALSE	0	17	11.0
RAZP	Arcadia	22-Oct-18	14:00	RAZP-3	37	FALSE	FALSE	0	17	11.0
RTZT	Barrington	16-May-18	09:45	RTZT-1	132	TRUE	FALSE	0	1	11.0
RTZT	Barrington	16-May-18	09:30	RTZT-2	132	TRUE	FALSE	0	1	11.0
RTZT	Barrington	16-May-18	09:22	RTZT-3	132	TRUE	FALSE	0	1	11.0
RTZT	Barrington	16-May-18	09:15	RTZT-4	90	FALSE	FALSE	0	1	6.0
RTZT	Barrington	30-May-18	09:35	RTZT-1	126	FALSE	FALSE	0	12	11.0
RTZT	Barrington	30-May-18	09:45	RTZT-2	120	FALSE	FALSE	0	12	11.0
RTZT	Barrington	30-May-18	09:58	RTZT-3	120	TRUE	FALSE	0	12	10.0
RTZT	Barrington	30-May-18	09:25	RTZT-4	72	FALSE	FALSE	0	12	7.5
RTZT	Barrington	27-Jun-18	09:25	RTZT-1	66	FALSE	FALSE	0	3	11.5
RTZT	Barrington	27-Jun-18	09:40	RTZT-2	78	FALSE	FALSE	1	3	11.5
RTZT	Barrington	27-Jun-18	09:55	RTZT-3	54	FALSE	FALSE	-1	3	11.0
RTZT	Barrington	27-Jun-18	09:15	RTZT-4	60	FALSE	FALSE	0	3	7.5
RTZT	Barrington	13-Jun-18	09:35	RTZT-1	84	FALSE	FALSE	-1	3	11.0
RTZT	Barrington	13-Jun-18	09:42	RTZT-2	96	FALSE	FALSE	-1	2	12.0
RTZT	Barrington	13-Jun-18	09:55	RTZT-3	96	FALSE	FALSE	-1	2	12.0
RTZT	Barrington	13-Jun-18	09:20	RTZT-4	60	FALSE	FALSE	-1	2	7.0
RTZT	Barrington	11-Jul-18	09:25	RTZT-1	84	FALSE	TRUE	-1	3	7.0
RTZT	Barrington	11-Jul-18	09:35	RTZT-2	84	FALSE	FALSE	-1	3	7.0
RTZT	Barrington	11-Jul-18	09:50	RTZT-3	84	FALSE	FALSE	-1	3	7.0
RTZT	Barrington	11-Jul-18	09:15	RTZT-4	72	FALSE	FALSE	-1	3	6.0
RTZT	Barrington	26-Jul-18	09:25	RTZT-1	72	FALSE	FALSE	-1	2	11.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZT	Barrington	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	3	4.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	3	4.00
RTZT	Barrington	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	3	4.00
RTZT	Barrington	LAKE	No Selection	2.00	Partly Cloudy	Calm/Ripple	NW	Below Normal	4	4.00
RTZT	Barrington	LAKE	No Selection	2.00	Partly Cloudy	Calm/Ripple	NW	Below Normal	4	4.00
RTZT	Barrington	LAKE	No Selection	2.00	Partly Cloudy	Calm/Ripple	NW	Below Normal	4	4.00
RTZT	Barrington	LAKE	No Selection	2.00	Partly Cloudy	Calm/Ripple	NW	Below Normal	4	4.00
RTZT	Barrington	LAKE	Less Than 5%	0.25	Sunny	Small Waves	NW	Below Normal	7	4.00
RTZT	Barrington	LAKE	Less Than 5%	0.25	Sunny	Small Waves	NW	Below Normal	7	4.00
RTZT	Barrington	LAKE	Less Than 5%	0.25	Sunny	Small Waves	NW	Below Normal	7	4.00
RTZT	Barrington	LAKE	Less Than 5%	0.25	Sunny	Small Waves	NW	Below Normal	7	4.00
RTZT	Barrington	LAKE	Less Than 5%	0.25	Partly Cloudy	Small Waves	E	Normal or Full	0	3.00
RTZT	Barrington	LAKE	Less Than 5%	0.25	Partly Cloudy	Small Waves	E	Normal or Full	0	3.00
RTZT	Barrington	LAKE	Less Than 5%	0.25	Partly Cloudy	Small Waves	E	Normal or Full	0	3.00
RTZT	Barrington	LAKE	Less Than 5%	0.25	Partly Cloudy	Small Waves	E	Normal or Full	0	3.00

Lake Code	Waterbody	Observations	Other Information	Management
RTZT	Barrington	no significant changes except for water level		
RTZT	Barrington	no significant changes except for water level		
RTZT	Barrington	no significant changes except for water level		
RTZT	Barrington	Approximately 2" of rainfall in the last 24 hours		
RTZT	Barrington	Approximately 2" of rainfall in the last 24 hours		
RTZT	Barrington	Approximately 2" of rainfall in the last 24 hours		
RTZT	Barrington	Approximately 2" of rainfall in the last 24 hours		
RTZT	Barrington		Purple Loosestrife: end of island view. Tree limb down in Heron's Bay	
RTZT	Barrington		Purple Loosestrife: end of island view. Tree limb down in Heron's Bay	
RTZT	Barrington		Purple Loosestrife: end of island view. Tree limb down in Heron's Bay	
RTZT	Barrington		Purple Loosestrife: end of island view. Tree limb down in Heron's Bay	
RTZT	Barrington	North Bay tree branch in lake 6/7 shoreline tree in the water		
RTZT	Barrington	North Bay tree branch in lake 6/7 shoreline tree in the water		
RTZT	Barrington	North Bay tree branch in lake 6/7 shoreline tree in the water		
RTZT	Barrington	North Bay tree branch in lake 6/7 shoreline tree in the water		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZT	Barrington	26-Jul-18	09:33	RTZT-2	48	FALSE	TRUE	-1	3	10.5
RTZT	Barrington	26-Jul-18	09:43	RTZT-3	60	FALSE	FALSE	-1	3	10.5
RTZT	Barrington	26-Jul-18	09:18	RTZT-4	60	FALSE	FALSE	0	3	7.0
RTZT	Barrington	08-Aug-18	09:45	RTZT-1	60	FALSE	FALSE	-1	3	10.5
RTZT	Barrington	08-Aug-18	09:35	RTZT-2	54	FALSE	FALSE	-1	3	10.5
RTZT	Barrington	08-Aug-18	09:25	RTZT-3	54	FALSE	FALSE	-1	3	10.0
RTZT	Barrington	08-Aug-18	09:15	RTZT-4	60	FALSE	FALSE	1	3	6.5
RTZT	Barrington	22-Aug-18	09:25	RTZT-1	48	FALSE	FALSE	0	4	10.0
RTZT	Barrington	22-Aug-18	09:35	RTZT-2	48	FALSE	FALSE	0	3	10.0
RTZT	Barrington	22-Aug-18	09:50	RTZT-3	48	FALSE	FALSE	1	3	10.0
RTZT	Barrington	22-Aug-18	09:15	RTZT-4	60	FALSE	FALSE	0	3	6.5
RTZT	Barrington	19-Sep-18	09:30	RTZT-1	3	FALSE	FALSE	-1	4	11.0
RTZT	Barrington	19-Sep-18	09:38	RTZT-2	3	FALSE	FALSE	-1	4	11.0
RTZT	Barrington	19-Sep-18	09:50	RTZT-3	3	FALSE	FALSE	-1	4	11.5
RTZT	Barrington	19-Sep-18	09:20	RTZT-4	3	FALSE	FALSE	-1	4	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZT	Barrington	LAKE	5% To 25%	1.50	Sunny	Small Waves	SW	Above Normal	4	4.00
RTZT	Barrington	LAKE	5% To 25%	1.50	Sunny	Small Waves	SW	Above Normal	4	4.00
RTZT	Barrington	LAKE	5% To 25%	1.50	Sunny	Small Waves	SW	Above Normal	4	4.00
RTZT	Barrington	LAKE	5% To 25%	1.50	Sunny	Small Waves	SW	Above Normal	4	4.00
RPJ	Bass	LEE	No Selection	0.10	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
RPJ	Bass	LEE	No Selection	0.10	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
RPJ	Bass	LEE	No Selection	0.10	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
RPJ	Bass	LEE	No Selection	0.60	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	1.00
RPJ	Bass	LEE	No Selection	0.60	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	1.00
RPJ	Bass	LEE	No Selection	0.60	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RTZT	Barrington	Heavy rains have raised the water level	Willow tree down in the North Bay, tree down in ends	
RTZT	Barrington	Heavy rains have raised the water level	Willow tree down in the North Bay, tree down in ends	
RTZT	Barrington	Heavy rains have raised the water level	Willow tree down in the North Bay, tree down in ends	
RTZT	Barrington	Heavy rains have raised the water level	Willow tree down in the North Bay, tree down in ends	
RPJ	Bass		Surface water temperature: 67 degrees F Filamentous algae - especially in south end of lake. Chara sp. and lilly pads noted. 15 Canada geese noted on lake.	Treatment for filamentous algae on 4/26/18. Spot treated 5 areas mostly in south end and all fingers of lake. Used a total of 42 gals of Cutrine liquid.
RPJ	Bass		Surface water temperature: 67 degrees F Filamentous algae - especially in south end of lake. Chara sp. and lilly pads noted. 15 Canada geese noted on lake.	Treatment for filamentous algae on 4/26/18. Spot treated 5 areas mostly in south end and all fingers of lake. Used a total of 42 gals of Cutrine liquid.
RPJ	Bass		Surface water temperature: 67 degrees F Filamentous algae - especially in south end of lake. Chara sp. and lilly pads noted. 15 Canada geese noted on lake.	Treatment for filamentous algae on 4/26/18. Spot treated 5 areas mostly in south end and all fingers of lake. Used a total of 42 gals of Cutrine liquid.
RPJ	Bass		Some filamentous algae along shorelines Chara sp. @ site #2 6 adult geese on lake	Spot treated using Granular Cutrine Plus in 7 areas of lake on 5/16/18. 240 pounds used.
RPJ	Bass		Some filamentous algae along shorelines Chara sp. @ site #2 6 adult geese on lake	Spot treated using Granular Cutrine Plus in 7 areas of lake on 5/16/18. 240 pounds used.
RPJ	Bass		Some filamentous algae along shorelines Chara sp. @ site #2 6 adult geese on lake	Spot treated using Granular Cutrine Plus in 7 areas of lake on 5/16/18. 240 pounds used.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZT	Barrington	05-Sep-18	09:30	RTZT-1	48	FALSE	FALSE	2	3	11.0
RTZT	Barrington	05-Sep-18	10:00	RTZT-2	48	FALSE	FALSE	2	3	11.0
RTZT	Barrington	05-Sep-18	10:15	RTZT-3	48	FALSE	FALSE	-1	3	11.0
RTZT	Barrington	05-Sep-18	09:32	RTZT-4	36	FALSE	FALSE	1	3	7.0
RPJ	Bass	07-May-18	11:31	RPJ-1	52	FALSE	FALSE	0	3	12.0
RPJ	Bass	07-May-18	11:40	RPJ-2	47	FALSE	FALSE	1	3	6.0
RPJ	Bass	07-May-18	11:49	RPJ-3	40	TRUE	FALSE	2	3	3.5
RPJ	Bass	22-May-18	11:00	RPJ-1	42	FALSE	FALSE	0	12	11.5
RPJ	Bass	22-May-18	11:28	RPJ-2	46	FALSE	FALSE	1	3	6.0
RPJ	Bass	22-May-18	11:34	RPJ-3	42	TRUE	FALSE	0	3	3.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPJ	Bass	LEE	No Selection	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPJ	Bass	LEE	No Selection	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPJ	Bass	LEE	No Selection	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPJ	Bass	LEE	No Selection	0.00	Partly Cloudy	Small Waves	S	Above Normal	2	1.00
RPJ	Bass	LEE	No Selection	0.00	Partly Cloudy	Small Waves	S	Above Normal	2	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RPJ	Bass	none	Curlyleaf Pondweed fragments on water surface, filamentous algae along shorelines, pondweed species present. 30 pontoon boats counted on shoreline	Spot treated for aquatic weeds & algae on 5/23 & 5/25 using Cutrine Plus liquid and Reward at 3 locations on the lake.
RPJ	Bass	none	Curlyleaf Pondweed fragments on water surface, filamentous algae along shorelines, pondweed species present. 30 pontoon boats counted on shoreline	Spot treated for aquatic weeds & algae on 5/23 & 5/25 using Cutrine Plus liquid and Reward at 3 locations on the lake.
RPJ	Bass	none	Curlyleaf Pondweed fragments on water surface, filamentous algae along shorelines, pondweed species present. 30 pontoon boats counted on shoreline	Spot treated for aquatic weeds & algae on 5/23 & 5/25 using Cutrine Plus liquid and Reward at 3 locations on the lake.
RPJ	Bass	Heavy rains throughout the period with high heat. Rains last Thursday & Friday totaled 2.5 inches.	Lake surface is 'clear'-no vegetation floating, pondweed sp. treated last week did not seem to be affected by treatment. South end of lake at VLMP #3 site.	Conducted spot treatments on 6/5/18 using Cutrine Granular targeting 6 areas which included fingers and some shorelines. Conducted treatment in the south end of the lake targeting pondweed sp., curlyleaf pondweed and filamentous algae on 6/20/18 using Reward and Cutrine Ultra. Cleaned off the dish on the south SolarBee.
RPJ	Bass	Heavy rains throughout the period with high heat. Rains last Thursday & Friday totaled 2.5 inches.	Lake surface is 'clear'-no vegetation floating, pondweed sp. treated last week did not seem to be affected by treatment. South end of lake at VLMP #3 site.	Conducted spot treatments on 6/5/18 using Cutrine Granular targeting 6 areas which included fingers and some shorelines. Conducted treatment in the south end of the lake targeting pondweed sp., curlyleaf pondweed and filamentous algae on 6/20/18 using Reward and Cutrine Ultra. Cleaned off the dish on the south SolarBee.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPJ	Bass	04-Jun-18	12:54	RPJ-1	55	FALSE	FALSE	0	3	11.5
RPJ	Bass	04-Jun-18	13:11	RPJ-2	40	FALSE	FALSE	1	3	6.0
RPJ	Bass	04-Jun-18	13:17	RPJ-3	42	TRUE	FALSE	1	3	3.5
RPJ	Bass	26-Jun-18	11:30	RPJ-1	36	FALSE	FALSE	0	12	12.0
RPJ	Bass	26-Jun-18	11:53	RPJ-2	48	FALSE	FALSE	1	12	6.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPJ	Bass	LEE	No Selection	0.00	Partly Cloudy	Small Waves	S	Above Normal	2	1.00
RPJ	Bass	LEE	26% To 50%	0.00	Sunny	Calm/Ripple	SE	No Selection	0	1.00
RPJ	Bass	LEE	26% To 50%	0.00	Sunny	Calm/Ripple	SE	No Selection	0	1.00
RPJ	Bass	LEE	26% To 50%	0.00	Sunny	Calm/Ripple	SE	No Selection	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RPJ	Bass	Heavy rains throughout the period with high heat. Rains last Thursday & Friday totaled 2.5 inches.	Lake surface is 'clear'-no vegetation floating, pondweed sp. treated last week did not seem to be affected by treatment. South end of lake at VLMP #3 site.	Conducted spot treatments on 6/5/18 using Cutrine Granular targeting 6 areas which included fingers and some shorelines. Conducted treatment in the south end of the lake targeting pondweed sp., curlyleaf pondweed and filamentous algae on 6/20/18 using Reward and Cutrine Ultra. Cleaned off the dish on the south SolarBee.
RPJ	Bass	Hot/humid period with little rain	Pondweed specie abundant on lake, Sago pondweed. Filamentous algae mats are abundant throughout the south end of the lake. Lyngbya sp. present across the surface of lake; these are flat greenish chunks. Spatterdock in a couple locations along shoreline.	Harvesting aquatic vegetation July 2-11. Treatments for aquatic weeds and algae on June 29 and July 6 at several locations using Reward and Cutrine Ultra mixed.
RPJ	Bass	Hot/humid period with little rain	Pondweed specie abundant on lake, Sago pondweed. Filamentous algae mats are abundant throughout the south end of the lake. Lyngbya sp. present across the surface of lake; these are flat greenish chunks. Spatterdock in a couple locations along shoreline.	Harvesting aquatic vegetation July 2-11. Treatments for aquatic weeds and algae on June 29 and July 6 at several locations using Reward and Cutrine Ultra mixed.
RPJ	Bass	Hot/humid period with little rain	Pondweed specie abundant on lake, Sago pondweed. Filamentous algae mats are abundant throughout the south end of the lake. Lyngbya sp. present across the surface of lake; these are flat greenish chunks. Spatterdock in a couple locations along shoreline.	Harvesting aquatic vegetation July 2-11. Treatments for aquatic weeds and algae on June 29 and July 6 at several locations using Reward and Cutrine Ultra mixed.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPJ	Bass	26-Jun-18	11:59	RPJ-3	43	TRUE	FALSE	2	12	3.5
RPJ	Bass	11-Jul-18	14:16	RPJ-1	104	FALSE	FALSE	0	3	12.0
RPJ	Bass	11-Jul-18	14:38	RPJ-2	58	FALSE	FALSE	1	3	6.0
RPJ	Bass	11-Jul-18	14:44	RPJ-3	35	FALSE	FALSE	3	3	3.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPJ	Bass	LEE	26% To 50%	0.10	Partly Cloudy	Small Waves	N	Normal or Full	0	1.00
RPJ	Bass	LEE	26% To 50%	0.10	Partly Cloudy	Small Waves	N	Normal or Full	0	1.00
RPJ	Bass	LEE	26% To 50%	0.10	Partly Cloudy	Small Waves	N	Normal or Full	0	1.00
RPJ	Bass	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RPJ	Bass	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RPJ	Bass	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RPJ	Bass	LEE	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RPJ	Bass	LEE	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RPJ	Bass	LEE	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RPJ	Bass		Sago Pondweed, Spatterdock, coontail, filamentous algae. Pontoon boats counted on shoreline and in water: 31	Harvesting weekdays 7/11-7/23. Chemical treatments conducted on 7/17 south 1/3 of lake using Aquathol liquid and on 7/19 south and southeast fingers using Cutrine Ultra.
RPJ	Bass		Sago Pondweed, Spatterdock, coontail, filamentous algae. Pontoon boats counted on shoreline and in water: 31	Harvesting weekdays 7/11-7/23. Chemical treatments conducted on 7/17 south 1/3 of lake using Aquathol liquid and on 7/19 south and southeast fingers using Cutrine Ultra.
RPJ	Bass		Sago Pondweed, Spatterdock, coontail, filamentous algae. Pontoon boats counted on shoreline and in water: 31	Harvesting weekdays 7/11-7/23. Chemical treatments conducted on 7/17 south 1/3 of lake using Aquathol liquid and on 7/19 south and southeast fingers using Cutrine Ultra.
RPJ	Bass		14 Canada geese on lake, plant species noted: coontail, milfoil sp., spatterdock, filamentous algae. Oak wilt trees noted in section 3 near access	Spot treated using Cutrine Plus Granular on 7/25/18 at 4 locations in the south part of the lake. Harvesting 7/24 - 8/1/2018 on weekdays only.
RPJ	Bass		14 Canada geese on lake, plant species noted: coontail, milfoil sp., spatterdock, filamentous algae. Oak wilt trees noted in section 3 near access	Spot treated using Cutrine Plus Granular on 7/25/18 at 4 locations in the south part of the lake. Harvesting 7/24 - 8/1/2018 on weekdays only.
RPJ	Bass		14 Canada geese on lake, plant species noted: coontail, milfoil sp., spatterdock, filamentous algae. Oak wilt trees noted in section 3 near access	Spot treated using Cutrine Plus Granular on 7/25/18 at 4 locations in the south part of the lake. Harvesting 7/24 - 8/1/2018 on weekdays only.
RPJ	Bass	none	Vegetation noted: pondweed sp., coontail. Lake clarity has decreased.	Harvesting: 8/2-8/8, 8/17-8/22 weekdays.
RPJ	Bass	none	Vegetation noted: pondweed sp., coontail. Lake clarity has decreased.	Harvesting: 8/2-8/8, 8/17-8/22 weekdays.
RPJ	Bass	none	Vegetation noted: pondweed sp., coontail. Lake clarity has decreased.	Harvesting: 8/2-8/8, 8/17-8/22 weekdays.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPJ	Bass	23-Jul-18	12:53	RPJ-1	57	FALSE	FALSE	0	3	11.5
RPJ	Bass	23-Jul-18	13:16	RPJ-2	55	FALSE	FALSE	1	3	6.0
RPJ	Bass	23-Jul-18	13:21	RPJ-3	42	TRUE	FALSE	1	3	3.5
RPJ	Bass	01-Aug-18	10:04	RPJ-1	85	FALSE	FALSE	0	3	12.0
RPJ	Bass	01-Aug-18	10:27	RPJ-2	36	FALSE	FALSE	0	12	6.0
RPJ	Bass	01-Aug-18	10:39	RPJ-3	34	FALSE	FALSE	1	12	3.5
RPJ	Bass	27-Aug-18	14:13	RPJ-1	53	FALSE	FALSE	0	9	12.0
RPJ	Bass	27-Aug-18	13:36	RPJ-2	50	FALSE	FALSE	1	3	6.0
RPJ	Bass	27-Aug-18	13:42	RPJ-3	34	FALSE	FALSE	2	12	3.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPJ	Bass	LEE	26% To 50%	0.00	Sunny	Small Waves	NW	Normal or Full	0	1.00
RPJ	Bass	LEE	26% To 50%	0.00	Sunny	Small Waves	NW	Normal or Full	0	1.00
RPJ	Bass	LEE	26% To 50%	0.00	Sunny	Small Waves	NW	Normal or Full	0	1.00
RPJ	Bass	LEE	5% To 25%	0.00	Overcast	Small Waves	S	Normal or Full	0	0.50
RPJ	Bass	LEE	5% To 25%	0.00	Overcast	Small Waves	S	Normal or Full	0	0.50
RPJ	Bass	LEE	5% To 25%	0.00	Overcast	Small Waves	S	Normal or Full	0	0.50
RPJ	Bass	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RPJ	Bass	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RPJ	Bass	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RPJ	Bass	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPJ	Bass	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPJ	Bass	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.00
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	3	2.00
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	3	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RPJ	Bass		milfoil sp., pondweed sp. patches in south end near vtmp #3.	Harvesting 8/27-8/31 and 9/4 throughout lake.
RPJ	Bass		milfoil sp., pondweed sp. patches in south end near vtmp #3.	Harvesting 8/27-8/31 and 9/4 throughout lake.
RPJ	Bass		milfoil sp., pondweed sp. patches in south end near vtmp #3.	Harvesting 8/27-8/31 and 9/4 throughout lake.
RPJ	Bass	None	coontail, Pondweed sp., Filamentous algae on bottom	none
RPJ	Bass	None	coontail, Pondweed sp., Filamentous algae on bottom	none
RPJ	Bass	None	coontail, Pondweed sp., Filamentous algae on bottom	none
RPJ	Bass	Significant precipitation over the Columbus Day weekend with up to 3 inches measured.	Coontail, Duckweed sp., Pondweed sp., filamentous algae on bottom at site #3.	None
RPJ	Bass	Significant precipitation over the Columbus Day weekend with up to 3 inches measured.	Coontail, Duckweed sp., Pondweed sp., filamentous algae on bottom at site #3.	None
RPJ	Bass	Significant precipitation over the Columbus Day weekend with up to 3 inches measured.	Coontail, Duckweed sp., Pondweed sp., filamentous algae on bottom at site #3.	None
RPJ	Bass		Fil. Algae on bottom site #3 Pondweed sp	
RPJ	Bass		Fil. Algae on bottom site #3 Pondweed sp	
RPJ	Bass		Fil. Algae on bottom site #3 Pondweed sp	
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			6-28 Applied
RDW	Beaver			6-28 Applied

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPJ	Bass	10-Sep-18	13:35	RPJ-1	50	FALSE	FALSE	0	3	12.0
RPJ	Bass	10-Sep-18	13:52	RPJ-2	44	FALSE	FALSE	1	3	6.0
RPJ	Bass	10-Sep-18	14:00	RPJ-3	32	FALSE	FALSE	1	12	3.5
RPJ	Bass	24-Sep-18	13:48	RPJ-1	54	FALSE	FALSE	0	3	11.5
RPJ	Bass	24-Sep-18	14:02	RPJ-2	39	FALSE	FALSE	0	3	6.0
RPJ	Bass	24-Sep-18	14:09	RPJ-3	37	FALSE	FALSE	2	3	3.5
RPJ	Bass	09-Oct-18	12:42	RPJ-1	44	FALSE	FALSE	0	3	11.5
RPJ	Bass	09-Oct-18	13:01	RPJ-2	60	FALSE	FALSE	1	12	6.0
RPJ	Bass	09-Oct-18	13:08	RPJ-3	46	TRUE	FALSE	1	20	4.0
RPJ	Bass	18-Oct-18	12:44	RPJ-1	66	FALSE	FALSE	0	3	11.5
RPJ	Bass	18-Oct-18	13:00	RPJ-2	74	TRUE	FALSE	0	3	6.0
RPJ	Bass	18-Oct-18	13:06	RPJ-3	42	TRUE	FALSE	1	3	3.5
RDW	Beaver	20-May-18	16:55	RDW-1	216	FALSE	FALSE	0	8	21.0
RDW	Beaver	20-May-18	16:10	RDW-2	144	FALSE	FALSE	0	6	17.0
RDW	Beaver	20-May-18	16:00	RDW-3	54	TRUE	FALSE	0	17	4.5
RDW	Beaver	20-May-18	16:25	RDW-4	132	FALSE	FALSE	0	8	12.0
RDW	Beaver	20-May-18	16:40	RDW-6	144	FALSE	FALSE	0	7	15.0
RDW	Beaver	07-Jun-18	15:20	RDW-1	240	FALSE	FALSE	0		20.5
RDW	Beaver	07-Jun-18	15:10	RDW-2	222	FALSE	FALSE	0	6	19.0
RDW	Beaver	07-Jun-18	15:00	RDW-3	36	TRUE	FALSE	0	12	4.5
RDW	Beaver	07-Jun-18	15:30	RDW-4	246	FALSE	FALSE	1	6	20.0
RDW	Beaver	07-Jun-18	15:15	RDW-6	180	FALSE	FALSE	2	4	16.0
RDW	Beaver	28-Jun-18	13:30	RDW-1	216	FALSE	FALSE	0	7	20.0
RDW	Beaver	28-Jun-18	12:55	RDW-2	180	FALSE	FALSE	0	9	18.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	3	2.00
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	3	2.00
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	3	2.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RDW	Beaver	GRUNDY	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
RDW	Beaver	GRUNDY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
WGZU	Big Bear	LAKE	Less Than 5%	0.60	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.50
WGZU	Big Bear	LAKE	Less Than 5%	0.60	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.50
WGZU	Big Bear	LAKE	Less Than 5%	0.60	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.50
WGZU	Big Bear	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	1.50
WGZU	Big Bear	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	1.50
WGZU	Big Bear	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	1.50
WGZU	Big Bear	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NONE	Above Normal	4	2.00
WGZU	Big Bear	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NONE	Above Normal	4	2.00
WGZU	Big Bear	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NONE	Above Normal	4	2.00
WGZU	Big Bear	LAKE	No Selection	0.00	Overcast	No Selection	NONE	No Selection	0	1.50
WGZU	Big Bear	LAKE	No Selection	0.00	Overcast	No Selection	NONE	No Selection	0	1.50
WGZU	Big Bear	LAKE	No Selection	0.00	Overcast	No Selection	NONE	No Selection	0	1.50
SEB	Bird's Pond	SANGAMON	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RDW	Beaver			6-28 Applied
RDW	Beaver			6-28 Applied
RDW	Beaver			6-28 Applied
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
RDW	Beaver			
WGZU	Big Bear			
WGZU	Big Bear			
WGZU	Big Bear			
WGZU	Big Bear	Mechanical weed control (7/8 - 7/14)		
WGZU	Big Bear	Mechanical weed control (7/8 - 7/14)		
WGZU	Big Bear	Mechanical weed control (7/8 - 7/14)		
WGZU	Big Bear			Dropped off samples of weeds at Lake County
WGZU	Big Bear			Dropped off samples of weeds at Lake County
WGZU	Big Bear			Dropped off samples of weeds at Lake County
WGZU	Big Bear	overcast/hazy in the morning		
WGZU	Big Bear	overcast/hazy in the morning		
WGZU	Big Bear	overcast/hazy in the morning		
SEB	Bird's Pond		TEMP S=B1 SEB2 1 28.4 28.6 5 28.1 28.3 9 27.8 28.1 Too much cut grass in pond	AIK 180 TH 180 PH 7.5 NO3NO2 - 0 PO4 200 ppb (x2 Methods)

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RDW	Beaver	28-Jun-18	12:45	RDW-3	36	FALSE	FALSE	0	12	4.0
RDW	Beaver	28-Jun-18	13:50	RDW-4	117	FALSE	FALSE	1	7	13.0
RDW	Beaver	28-Jun-18	13:05	RDW-6	216	FALSE	FALSE	1	8	20.5
RDW	Beaver	07-Jul-18	13:50	RDW-1	216	FALSE	FALSE	0	7	19.5
RDW	Beaver	07-Jul-18	13:10	RDW-2	144	FALSE	FALSE	1	8	18.5
RDW	Beaver	07-Jul-18	13:00	RDW-3	48	TRUE	FALSE	0	12	4.0
RDW	Beaver	07-Jul-18	13:20	RDW-4	132	FALSE	FALSE	0	9	13.5
RDW	Beaver	07-Jul-18	13:30	RDW-6	192	FALSE	FALSE	0	8	21.0
RDW	Beaver	29-Jul-18	14:20	RDW-1	96	FALSE	FALSE	0	7	19.0
RDW	Beaver	29-Jul-18	14:10	RDW-2	102	FALSE	FALSE	0	4	17.0
RDW	Beaver	29-Jul-18	14:00	RDW-3	24	TRUE	TRUE	1	12	4.0
RDW	Beaver	29-Jul-18	14:55	RDW-4	120	FALSE	FALSE	1	9	13.0
RDW	Beaver	29-Jul-18	14:35	RDW-6	99	FALSE	FALSE	0	6	20.0
WGZU	Big Bear	31-May-18	11:08	WGZU-1	48	FALSE	FALSE	0	8	9.0
WGZU	Big Bear	31-May-18	11:15	WGZU-2	48	FALSE	FALSE	0	8	7.0
WGZU	Big Bear	31-May-18	10:55	WGZU-3	48	FALSE	FALSE	0	8	7.0
WGZU	Big Bear	15-Jul-18	12:15	WGZU-1	42	FALSE	FALSE	-1	18	6.5
WGZU	Big Bear	15-Jul-18	12:00	WGZU-2	48	FALSE	FALSE	-1	19	9.0
WGZU	Big Bear	15-Jul-18	11:45	WGZU-3	48	FALSE	FALSE	-1	17	8.5
WGZU	Big Bear	30-Aug-18	10:30	WGZU-1	18	FALSE	FALSE	0	17	7.5
WGZU	Big Bear	30-Aug-18	10:45	WGZU-2	18	FALSE	FALSE	2	17	7.5
WGZU	Big Bear	30-Aug-18	11:00	WGZU-3	18	FALSE	FALSE	1	8	9.0
WGZU	Big Bear	08-Oct-18	09:45	WGZU-1	36	FALSE	FALSE	0	18	8.0
WGZU	Big Bear	08-Oct-18	10:00	WGZU-2	30	FALSE	FALSE	3	18	7.5
WGZU	Big Bear	08-Oct-18	10:15	WGZU-3	36	FALSE	FALSE	1		7.5
SEB	Bird's Pond	26-Jul-18	11:30	SEB-1	24	FALSE	FALSE	0	17	12.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
SEB	Bird's Pond	SANGAMON	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	2.00
SEB	Bird's Pond	SANGAMON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	South	Normal or Full	0	2.00
SEB	Bird's Pond	SANGAMON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	South	Normal or Full	0	2.00
SEB	Bird's Pond	SANGAMON		0.00	Sunny	Moderate Waves	South	Normal or Full	0	2.00
SEB	Bird's Pond	SANGAMON		0.00	Sunny	Moderate Waves	South	Normal or Full	0	2.00
SEB	Bird's Pond	SANGAMON		0.00	Sunny	Small Waves	N	Normal or Full	0	2.00
SEB	Bird's Pond	SANGAMON	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	3.00

Lake Code	Waterbody	Observations	Other Information	Management
SEB	Bird's Pond		TEMP S=B1 SEB2 1 28.4 28.6 5 28.1 28.3 9 27.8 28.1 Too much cut grass in pond	AIK 180 TH 180 PH 7.5 NO3NO2 - 0 PO4 200 ppb (x2 Methods)
SEB	Bird's Pond	Frequent Rains for 2 weeks, SFB	PH 7.5 ACK 120 TH 120 NO2+NO3 0 PO4 50 ppb	1 280 27.9 28.5 3 27.5 27.8 5 7 27.4 10 27.3 27.6
SEB	Bird's Pond	Frequent Rains for 2 weeks, SFB	PH 7.5 ACK 120 TH 120 NO2+NO3 0 PO4 50 ppb	1 280 27.9 28.5 3 27.5 27.8 5 7 27.4 10 27.3 27.6
SEB	Bird's Pond		NO2 NO3 0 PH 8 ALK 180 PPM TH 180 PPM	1 8.6 deg C 5 8.3 deg C 10 8.2 deg C
SEB	Bird's Pond		NO2 NO3 0 PH 8 ALK 180 PPM TH 180 PPM	1 8.6 deg C 5 8.3 deg C 10 8.2 deg C
SEB	Bird's Pond		Hardness 180 ALK 180 PH 7.5 NO2NO3 0 50ppb PS 0 PS	1 8.9c 5 7.5 c 6.7
SEB	Bird's Pond	Algae less than normal. Southern naiad 50%. Shoreline coverage to 3 ft deep. Excessive Grass clippings	SERI 27c SER3 269 No Stratification Aerator Working	NO3-0-20 NO2-0-.5 ph-7.5 ALK-120 PH-120 300ppb

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
SEB	Bird's Pond	26-Jul-18	12:00	SEB-2	23	FALSE	FALSE	0	17	8.0
SEB	Bird's Pond	24-Jun-18	11:20	SEB-1	24	FALSE	FALSE	0		12.5
SEB	Bird's Pond	24-Jun-18	11:40	SEB-2	18	FALSE	FALSE	0		9.0
SEB	Bird's Pond	11-Apr-18	10:20	SEB-1	24	FALSE	FALSE	0	9	11.0
SEB	Bird's Pond	11-Apr-18	10:35	SEB-2	24	FALSE	FALSE	0		9.0
SEB	Bird's Pond	12-Mar-18	16:05	SEB-1	52	FALSE	FALSE	0	1	10.0
SEB	Bird's Pond	01-Aug-18	09:07	SEB-1	22	FALSE	FALSE	0	3	13.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
SEB	Bird's Pond	SANGAMON	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	3.00
RPK	Black Oak	LEE	Less Than 5%	0.10	Sunny	Calm/Ripple	NONE	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.10	Sunny	Calm/Ripple	NONE	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.10	Sunny	Calm/Ripple	NONE	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.60	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.60	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.60	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Small Waves	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Small Waves	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Small Waves	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	No Selection	0.00	Sunny	Small Waves	S	Normal or Full	0	0.50
RPK	Black Oak	LEE	No Selection	0.00	Sunny	Small Waves	S	Normal or Full	0	0.50
RPK	Black Oak	LEE	No Selection	0.00	Sunny	Small Waves	S	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
SEB	Bird's Pond	Algae less than normal. Southern naiad 50%. Shoreline coverage to 3 ft deep. Excessive Grass clippings	SERI 27c SER3 269 No Stratification Aerator Working	NO3-0-20 NO2-0-.5 ph-7.5 ALK-120 PH-120 300ppb
RPK	Black Oak		Surface water temperature - 67 degrees F, 4 adult Canada geese on lake, Beaver activity noted.	aerator has been off through the winter & spring.
RPK	Black Oak		Surface water temperature - 67 degrees F, 4 adult Canada geese on lake, Beaver activity noted.	aerator has been off through the winter & spring.
RPK	Black Oak		Surface water temperature - 67 degrees F, 4 adult Canada geese on lake, Beaver activity noted.	aerator has been off through the winter & spring.
RPK	Black Oak		13 Adult Canada geese on lake, no vegetation noted at this time.	Lake aerator not in operation
RPK	Black Oak		13 Adult Canada geese on lake, no vegetation noted at this time.	Lake aerator not in operation
RPK	Black Oak		13 Adult Canada geese on lake, no vegetation noted at this time.	Lake aerator not in operation
RPK	Black Oak	None	Milfoil sp., Pondweed sp., along shorelines, very little filamentous algae	none
RPK	Black Oak	None	Milfoil sp., Pondweed sp., along shorelines, very little filamentous algae	none
RPK	Black Oak	None	Milfoil sp., Pondweed sp., along shorelines, very little filamentous algae	none
RPK	Black Oak	Heavy rains through the period and high heat.	Milfoil sp., Duckweed sp., coontail, filamentous algae all along shoreline.	None
RPK	Black Oak	Heavy rains through the period and high heat.	Milfoil sp., Duckweed sp., coontail, filamentous algae all along shoreline.	None
RPK	Black Oak	Heavy rains through the period and high heat.	Milfoil sp., Duckweed sp., coontail, filamentous algae all along shoreline.	None

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
SEB	Bird's Pond	01-Aug-18	09:40	SEB-2	20	FALSE	FALSE	0	3	8.0
RPK	Black Oak	07-May-18	11:00	RPK-1	50	FALSE	FALSE	0	17	7.0
RPK	Black Oak	07-May-18	11:06	RPK-2	54	FALSE	FALSE	0	17	7.0
RPK	Black Oak	07-May-18	11:41	RPK-3	53	FALSE	FALSE	0	17	7.0
RPK	Black Oak	22-May-18	10:29	RPK-1	44	FALSE	FALSE	0	3	7.5
RPK	Black Oak	22-May-18	10:33	RPK-2	44	FALSE	FALSE	0	3	7.0
RPK	Black Oak	22-May-18	10:36	RPK-3	43	FALSE	FALSE	0	3	7.0
RPK	Black Oak	04-Jun-18	13:45	RPK-1	50	FALSE	FALSE	1	3	7.0
RPK	Black Oak	04-Jun-18	13:52	RPK-2	47	FALSE	FALSE	0	3	7.5
RPK	Black Oak	04-Jun-18	13:56	RPK-3	48	FALSE	FALSE	0	3	7.0
RPK	Black Oak	29-Jun-18	10:32	RPK-1	46	FALSE	FALSE	0	12	7.5
RPK	Black Oak	29-Jun-18	10:37	RPK-2	39	FALSE	FALSE	0	12	7.5
RPK	Black Oak	29-Jun-18	10:41	RPK-3	38	FALSE	FALSE	0	3	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPK	Black Oak	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RPK	Black Oak	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RPK	Black Oak	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RPK	Black Oak	LEE	5% To 25%	0.00	Sunny	Small Waves	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	5% To 25%	0.00	Sunny	Small Waves	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	5% To 25%	0.00	Sunny	Small Waves	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
RPK	Black Oak	Hot/Humid period and dry.	Some filamentous algae along shoreline, Lyngbya sp. "globs" floating on surface. duckweed sp. and milfoil sp. present.	None
RPK	Black Oak	Hot/Humid period and dry.	Some filamentous algae along shoreline, Lyngbya sp. "globs" floating on surface. duckweed sp. and milfoil sp. present.	None
RPK	Black Oak	Hot/Humid period and dry.	Some filamentous algae along shoreline, Lyngbya sp. "globs" floating on surface. duckweed sp. and milfoil sp. present.	None
RPK	Black Oak		Milfoil sp., coontail, filamentous algae present in the lake along shoreline zone. A plankton bloom was present as there was a scum on the south shoreline. Photos were taken.	none
RPK	Black Oak		Milfoil sp., coontail, filamentous algae present in the lake along shoreline zone. A plankton bloom was present as there was a scum on the south shoreline. Photos were taken.	none
RPK	Black Oak		Milfoil sp., coontail, filamentous algae present in the lake along shoreline zone. A plankton bloom was present as there was a scum on the south shoreline. Photos were taken.	none
RPK	Black Oak		Milfoil sp., coontail, filamentous algae (all found near shoreline)	None
RPK	Black Oak		Milfoil sp., coontail, filamentous algae (all found near shoreline)	None
RPK	Black Oak		Milfoil sp., coontail, filamentous algae (all found near shoreline)	None
RPK	Black Oak		Plankton scum on water surface most collection is on the south and west shorelines	none

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPK	Black Oak	11-Jul-18	14:02	RPK-1	38	FALSE	FALSE	0	3	7.0
RPK	Black Oak	11-Jul-18	13:45	RPK-2	40	FALSE	FALSE	0	3	7.0
RPK	Black Oak	11-Jul-18	13:35	RPK-3	43	FALSE	FALSE	0	3	7.0
RPK	Black Oak	24-Jul-18	10:46	RPK-1	18	FALSE	FALSE	0	8	7.0
RPK	Black Oak	24-Jul-18	10:58	RPK-2	19	FALSE	FALSE	0	8	7.0
RPK	Black Oak	24-Jul-18	11:02	RPK-3	24	FALSE	FALSE	0	8	7.0
RPK	Black Oak	01-Aug-18	11:09	RPK-1	22	FALSE	FALSE	0	8	7.0
RPK	Black Oak	01-Aug-18	11:15	RPK-2	21	FALSE	FALSE	0	8	7.5
RPK	Black Oak	01-Aug-18	11:19	RPK-3	25	FALSE	FALSE	0	8	7.0
RPK	Black Oak	23-Aug-18	09:54	RPK-1	16	FALSE	FALSE	0	7	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	0.50
RPK	Black Oak	LEE	5% To 25%	0.00	Sunny	Small Waves	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	5% To 25%	0.00	Sunny	Small Waves	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	5% To 25%	0.00	Sunny	Small Waves	NW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Partly Cloudy	Small Waves	S	Normal or Full	0	5.00
RPK	Black Oak	LEE	Less Than 5%	0.00	Partly Cloudy	Small Waves	S	Normal or Full	0	5.00
RPK	Black Oak	LEE	Less Than 5%	0.00	Partly Cloudy	Small Waves	S	Normal or Full	0	5.00
RPK	Black Oak	LEE	Less Than 5%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RPK	Black Oak	LEE	Less Than 5%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RPK	Black Oak	LEE	Less Than 5%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPK	Black Oak	LEE	Less Than 5%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	N			3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	N			3.00

Lake Code	Waterbody	Observations	Other Information	Management
RPK	Black Oak		Plankton scum on water surface most collection is on the south and west shorelines	none
RPK	Black Oak		Plankton scum on water surface most collection is on the south and west shorelines	none
RPK	Black Oak		Milfoil sp., Duckweed sp.	none
RPK	Black Oak		Milfoil sp., Duckweed sp.	none
RPK	Black Oak		Milfoil sp., Duckweed sp.	none
RPK	Black Oak	None	Milfoils sp., coontail, duckweed sp., pondweed sp.	none
RPK	Black Oak	None	Milfoils sp., coontail, duckweed sp., pondweed sp.	none
RPK	Black Oak	None	Milfoils sp., coontail, duckweed sp., pondweed sp.	none
RPK	Black Oak	Significant rain over the Columbus Day weekend with up to 3 inches measured.	Pondweed sp., coontail, duckweed sp.	None
RPK	Black Oak	Significant rain over the Columbus Day weekend with up to 3 inches measured.	Pondweed sp., coontail, duckweed sp.	None
RPK	Black Oak	Significant rain over the Columbus Day weekend with up to 3 inches measured.	Pondweed sp., coontail, duckweed sp.	None
RPK	Black Oak	NONE	Milfoil sp., duckweed sp., noted along shoreline.	None
RPK	Black Oak	NONE	Milfoil sp., duckweed sp., noted along shoreline.	None
RPK	Black Oak	NONE	Milfoil sp., duckweed sp., noted along shoreline.	None
RDO	Bloomington		New Color Strip, Retired old one	Samples to Contract, Will send nutrient solids + chlorophyll data at end of season data at end of season plus lake profile data
RDO	Bloomington		New Color Strip, Retired old one	Samples to Contract, Will send nutrient solids + chlorophyll data at end of season data at end of season plus lake profile data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPK	Black Oak	23-Aug-18	09:49	RPK-2	15	FALSE	FALSE	0	7	7.0
RPK	Black Oak	23-Aug-18	09:34	RPK-3	19	FALSE	FALSE	0	3	7.0
RPK	Black Oak	10-Sep-18	13:00	RPK-1	29	FALSE	FALSE	0	12	7.0
RPK	Black Oak	10-Sep-18	13:09	RPK-2	30	FALSE	FALSE	0	12	7.0
RPK	Black Oak	10-Sep-18	13:15	RPK-3	30	FALSE	FALSE	0	12	7.0
RPK	Black Oak	24-Sep-18	14:37	RPK-1	22	FALSE	FALSE	0	12	7.5
RPK	Black Oak	24-Sep-18	14:42	RPK-2	21	FALSE	FALSE	0	12	7.0
RPK	Black Oak	24-Sep-18	14:52	RPK-3	22	FALSE	FALSE	0	12	7.0
RPK	Black Oak	09-Oct-18	13:42	RPK-1	35	FALSE	FALSE	0	3	7.5
RPK	Black Oak	09-Oct-18	13:47	RPK-2	33	FALSE	FALSE	0	3	7.0
RPK	Black Oak	09-Oct-18	13:51	RPK-3	36	FALSE	FALSE	0	3	7.0
RPK	Black Oak	18-Oct-18	13:35	RPK-1	65	FALSE	FALSE	0	3	7.0
RPK	Black Oak	18-Oct-18	13:43	RPK-2	60	FALSE	FALSE	0	3	7.0
RPK	Black Oak	18-Oct-18	13:47	RPK-3	60	FALSE	FALSE	0	3	7.0
RDO	Bloomington	25-Apr-18	10:10	RDO-1	30	FALSE	FALSE	0	15	33.0
RDO	Bloomington	25-Apr-18	10:26	RDO-2	26	FALSE	FALSE	0	11	27.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	N			3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	N			3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.05	Sunny	Calm/Ripple	W	Above Normal	1.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.05	Sunny	Calm/Ripple	W	Above Normal	1.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.05	Sunny	Calm/Ripple	W	Above Normal	1.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.05	Sunny	Calm/Ripple	W	Above Normal	1.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.09	Sunny	Calm/Ripple	N	Normal or Full	2.4	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.09	Sunny	Calm/Ripple	N	Normal or Full	2.4	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.09	Sunny	Calm/Ripple	N	Normal or Full	2.4	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.09	Sunny	Calm/Ripple	N	Normal or Full	2.4	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	7.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	7.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	7.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	7.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	SW	Above Normal	3.96	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	SW	Above Normal	3.96	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	SW	Above Normal	3.96	3.00

Lake Code	Waterbody	Observations	Other Information	Management
RDO	Bloomington		New Color Strip, Retired old one	Samples to Contract, Will send nutrient solids + chlorophyll data at end of season data at end of season plus lake profile data
RDO	Bloomington		New Color Strip, Retired old one	Samples to Contract, Will send nutrient solids + chlorophyll data at end of season data at end of season plus lake profile data
RDO	Bloomington		Had to switch boats after site 2, boat used for 3+4 hard to run profile/DO temp. No data	
RDO	Bloomington		Had to switch boats after site 2, boat used for 3+4 hard to run profile/DO temp. No data	
RDO	Bloomington		Had to switch boats after site 2, boat used for 3+4 hard to run profile/DO temp. No data	
RDO	Bloomington		Had to switch boats after site 2, boat used for 3+4 hard to run profile/DO temp. No data	
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington		numerous solid chlorophyll sent to contract lab & DO profiles will be sent at end of season	
RDO	Bloomington		numerous solid chlorophyll sent to contract lab & DO profiles will be sent at end of season	
RDO	Bloomington		numerous solid chlorophyll sent to contract lab & DO profiles will be sent at end of season	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RDO	Bloomington	25-Apr-18	10:50	RDO-3	14	FALSE	FALSE	0	10	13.0
RDO	Bloomington	25-Apr-18	11:05	RDO-4	18	FALSE	FALSE	0	16	16.0
RDO	Bloomington	10-May-18	10:05	RDO-1	36	FALSE	FALSE	0	8	31.0
RDO	Bloomington	10-May-18	10:20	RDO-2	38	FALSE	FALSE	0	8	26.0
RDO	Bloomington	10-May-18	12:45	RDO-3	31	FALSE	FALSE	0	8	12.5
RDO	Bloomington	10-May-18	13:10	RDO-4	40	FALSE	FALSE	0	8	13.5
RDO	Bloomington	23-May-18	10:56	RDO-1	54	FALSE	FALSE	0	2	35.0
RDO	Bloomington	23-May-18	11:10	RDO-2	50	FALSE	FALSE	0	2	24.0
RDO	Bloomington	23-May-18	11:33	RDO-3	32	FALSE	FALSE	0	6	12.0
RDO	Bloomington	23-May-18	11:50	RDO-4	36	FALSE	FALSE	0	8	14.0
RDO	Bloomington	05-Jun-18	11:00	RDO-1	54	FALSE	FALSE	0	8	34.0
RDO	Bloomington	05-Jun-18	11:15	RDO-2	52	FALSE	FALSE	0	8	24.0
RDO	Bloomington	05-Jun-18	11:33	RDO-3	18	FALSE	FALSE	0	15	12.0
RDO	Bloomington	05-Jun-18	11:50	RDO-4	30	FALSE	FALSE	0	7	15.0
RDO	Bloomington	20-Jun-18	10:45	RDO-1	42	FALSE	FALSE	0	8	30.0
RDO	Bloomington	20-Jun-18	10:57	RDO-2	36	FALSE	FALSE	0	9	24.0
RDO	Bloomington	20-Jun-18	11:15	RDO-3	24	FALSE	FALSE	0	6	13.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RDO	Bloomington	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	SW	Above Normal	3.96	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	1.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	1.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	1.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	1.92	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	0.72	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	0.72	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	0.72	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	0.72	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Below Normal	0.12	4.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Below Normal	0.12	4.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Below Normal	0.12	4.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Below Normal	0.12	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RDO	Bloomington		numerous solid chlorophyll sent to contract lab & DO profiles will be sent at end of season	
RDO	Bloomington		nutrients/chlorophyll/solids samples sent to contract lab. These (plus DO/temp profiles) will be sent at end of season.	
RDO	Bloomington		nutrients/chlorophyll/solids samples sent to contract lab. These (plus DO/temp profiles) will be sent at end of season.	
RDO	Bloomington		nutrients/chlorophyll/solids samples sent to contract lab. These (plus DO/temp profiles) will be sent at end of season.	
RDO	Bloomington		nutrients/chlorophyll/solids samples sent to contract lab. These (plus DO/temp profiles) will be sent at end of season.	
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington		chemistry+solids+chlorophyll data sent to contract lab DO temp profile will also be sent to IEPA at end of season	
RDO	Bloomington		chemistry+solids+chlorophyll data sent to contract lab DO temp profile will also be sent to IEPA at end of season	
RDO	Bloomington		chemistry+solids+chlorophyll data sent to contract lab DO temp profile will also be sent to IEPA at end of season	
RDO	Bloomington		chemistry+solids+chlorophyll data sent to contract lab DO temp profile will also be sent to IEPA at end of season	

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RDO	Bloomington	20-Jun-18	11:35	RDO-4	20	FALSE	FALSE	0	6	12.0
RDO	Bloomington	03-Jul-18	10:46	RDO-1	36	FALSE	FALSE	0	6	31.0
RDO	Bloomington	03-Jul-18	11:00	RDO-2	38	FALSE	FALSE	0	6	23.0
RDO	Bloomington	03-Jul-18	11:17	RDO-3	30	FALSE	FALSE	0	9	12.0
RDO	Bloomington	03-Jul-18	11:35	RDO-4	32	FALSE	FALSE	0	9	16.0
RDO	Bloomington	18-Jul-18	11:00	RDO-1	32	FALSE	FALSE	0	9	31.0
RDO	Bloomington	18-Jul-18	11:16	RDO-2	28	FALSE	FALSE	0	9	30.0
RDO	Bloomington	18-Jul-18	11:33	RDO-3	18	FALSE	FALSE	0	15	12.0
RDO	Bloomington	18-Jul-18	11:50	RDO-4	20	FALSE	FALSE	0	11	15.0
RDO	Bloomington	31-Jul-18	11:05	RDO-1	24	FALSE	FALSE	0	10	29.0
RDO	Bloomington	31-Jul-18	11:27	RDO-2	26	FALSE	FALSE	0	9	24.0
RDO	Bloomington	31-Jul-18	11:48	RDO-3	16	FALSE	FALSE	0	15	12.0
RDO	Bloomington	31-Jul-18	12:03	RDO-4	18	FALSE	FALSE	0	9	15.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	3.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	3.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	3.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	3.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	S	Below Normal	4.08	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	S	Below Normal	4.08	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	S	Below Normal	4.08	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	S	Below Normal	4.08	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	3.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	3.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	3.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	3.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	3.6	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	3.6	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	3.6	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	3.6	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.41	Sunny	Calm/Ripple	SE	Below Normal	4.08	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.41	Sunny	Calm/Ripple	SE	Below Normal	4.08	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.41	Sunny	Calm/Ripple	SE	Below Normal	4.08	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.41	Sunny	Calm/Ripple	SE	Below Normal	4.08	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	12.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	12.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	12.12	3.00
RDO	Bloomington	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	12.12	3.00
VTJ	Bluff	LAKE	Less Than 5%	0.25	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
VTJ	Bluff	LAKE	Less Than 5%	0.25	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
VTJ	Bluff	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			Chemistry+chloro samples sent to contract lab. DO/Temp profiles taken. Will send results at end of season
RDO	Bloomington			Chemistry+chloro samples sent to contract lab. DO/Temp profiles taken. Will send results at end of season
RDO	Bloomington			Chemistry+chloro samples sent to contract lab. DO/Temp profiles taken. Will send results at end of season
RDO	Bloomington			Chemistry+chloro samples sent to contract lab. DO/Temp profiles taken. Will send results at end of season
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
RDO	Bloomington			
VTJ	Bluff			
VTJ	Bluff			
VTJ	Bluff	70's		

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RDO	Bloomington	14-Aug-18	12:28	RDO-1	24	FALSE	FALSE	0	10	28.0
RDO	Bloomington	14-Aug-18	12:54	RDO-2	22	FALSE	FALSE	0	10	24.0
RDO	Bloomington	14-Aug-18	13:26	RDO-3	18	FALSE	FALSE	0	9	11.0
RDO	Bloomington	14-Aug-18	13:52	RDO-4	18	FALSE	FALSE	0	9	13.0
RDO	Bloomington	29-Aug-18	10:48	RDO-1	24	FALSE	FALSE	0	16	29.0
RDO	Bloomington	29-Aug-18	11:00	RDO-2	24	FALSE	FALSE	0	10	10.0
RDO	Bloomington	29-Aug-18	11:15	RDO-3	16	FALSE	FALSE	0	12	15.0
RDO	Bloomington	29-Aug-18	11:35	RDO-4	18	FALSE	FALSE	0	15	15.0
RDO	Bloomington	11-Sep-18	11:00	RDO-1	30	FALSE	FALSE	0	10	28.0
RDO	Bloomington	11-Sep-18	11:10	RDO-2	26	FALSE	FALSE	0	9	24.0
RDO	Bloomington	11-Sep-18	11:31	RDO-3	20	FALSE	FALSE	0	15	8.0
RDO	Bloomington	11-Sep-18	11:50	RDO-4	24	FALSE	FALSE	0	9	12.0
RDO	Bloomington	25-Sep-18	10:45	RDO-1	28	FALSE	FALSE	0	9	28.0
RDO	Bloomington	25-Sep-18	11:08	RDO-2	24	FALSE	FALSE	0	9	22.0
RDO	Bloomington	25-Sep-18	11:25	RDO-3	16	FALSE	FALSE	0	15	10.0
RDO	Bloomington	25-Sep-18	11:45	RDO-4	16	FALSE	FALSE	0	15	11.0
RDO	Bloomington	09-Oct-18	11:25	RDO-1	26	FALSE	FALSE	0	9	27.0
RDO	Bloomington	09-Oct-18	11:45	RDO-2	24	FALSE	FALSE	0	9	23.0
RDO	Bloomington	09-Oct-18	12:00	RDO-3	12	FALSE	FALSE	0	15	10.0
RDO	Bloomington	09-Oct-18	12:20	RDO-4	18	FALSE	FALSE	0	11	12.0
RDO	Bloomington	24-Oct-18	10:40	RDO-1	18	FALSE	FALSE	0	11	29.0
RDO	Bloomington	24-Oct-18	11:00	RDO-2	20	FALSE	FALSE	0	8	23.0
RDO	Bloomington	24-Oct-18	11:15	RDO-3	16	FALSE	FALSE	0	11	11.0
RDO	Bloomington	24-Oct-18	11:27	RDO-4	18	FALSE	FALSE	0	8	13.0
VTJ	Bluff	31-May-18	08:30	VTJ-1	55	FALSE	FALSE	0	13	26.0
VTJ	Bluff	31-May-18	08:35	VTJ-3	52	FALSE	FALSE	0	13	13.5
VTJ	Bluff	14-Jun-18	08:25	VTJ-1	40	FALSE	FALSE	0	12	24.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VTJ	Bluff	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
VTJ	Bluff	LAKE	Less Than 5%	0.00	Hazy	Small Waves	SW	Above Normal	0	1.00
VTJ	Bluff	LAKE	Less Than 5%	0.00	Hazy	Small Waves	SW	Above Normal	0	1.00
VTJ	Bluff	LAKE	Less Than 5%	0.00	Partly Cloudy	Small Waves	SE	Above Normal	0	1.00
VTJ	Bluff	LAKE	Less Than 5%	0.00	Partly Cloudy	Small Waves	SE	Above Normal	0	1.00
VTJ	Bluff	LAKE	Less Than 5%	0.00	Partly Cloudy	Small Waves	NE	Normal or Full	0	1.00
VTJ	Bluff	LAKE	Less Than 5%	0.00	Partly Cloudy	Small Waves	NE	Normal or Full	0	1.00
VTJ	Bluff	LAKE	Less Than 5%	0.00	Hazy	Small Waves	NW	Above Normal	0	1.00
VTJ	Bluff	LAKE	Less Than 5%	0.00	Hazy	Small Waves	NW	Above Normal	0	1.00
RGA	Bruce	DU PAGE	Greater than 70%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	3.00
RGA	Bruce	DU PAGE	Greater than 70%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	3.00
RGA	Bruce	DU PAGE	Greater than 70%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	3.00
RGA	Bruce	DU PAGE	51% To 70%	0.00	Sunny	Calm/Ripple	S	Above Normal	1	2.00
RGA	Bruce	DU PAGE	51% To 70%	0.00	Sunny	Calm/Ripple	S	Above Normal	1	2.00
RGA	Bruce	DU PAGE	51% To 70%	0.00	Sunny	Calm/Ripple	S	Above Normal	1	2.00
RGA	Bruce	DU PAGE	No Selection	0.47	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
RGA	Bruce	DU PAGE	No Selection	0.47	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
RGA	Bruce	DU PAGE	No Selection	0.47	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
VTJ	Bluff	70's		
VTJ	Bluff			
VTJ	Bluff			
VTJ	Bluff			
VTJ	Bluff			
VTJ	Bluff			
VTJ	Bluff			
VTJ	Bluff			
VTJ	Bluff			
RGA	Bruce		EWM, Chara, Narrow leaved pondweed, water lily, small duckweed, filamentous algae	Aeration system on w/ 12 diffusers Aquatic herbicide applied on 5/25 Muskrat trapping on going and Canadian Goose Chasing on going.
RGA	Bruce		EWM, Chara, Narrow leaved pondweed, water lily, small duckweed, filamentous algae	Aeration system on w/ 12 diffusers Aquatic herbicide applied on 5/25 Muskrat trapping on going and Canadian Goose Chasing on going.
RGA	Bruce		EWM, Chara, Narrow leaved pondweed, water lily, small duckweed, filamentous algae	Aeration system on w/ 12 diffusers Aquatic herbicide applied on 5/25 Muskrat trapping on going and Canadian Goose Chasing on going.
RGA	Bruce			
RGA	Bruce			
RGA	Bruce			
RGA	Bruce		Heavy plant load and muck when pulling up anchor.	Lake was chemically treated on 7/3/18 Heavy weed growth at bottom of lake in some spots. 15 muskrats were trapped and removed.
RGA	Bruce		Heavy plant load and muck when pulling up anchor.	Lake was chemically treated on 7/3/18 Heavy weed growth at bottom of lake in some spots. 15 muskrats were trapped and removed.
RGA	Bruce		Heavy plant load and muck when pulling up anchor.	Lake was chemically treated on 7/3/18 Heavy weed growth at bottom of lake in some spots. 15 muskrats were trapped and removed.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VTJ	Bluff	14-Jun-18	08:45	VTJ-3	38	FALSE	FALSE	0	12	13.0
VTJ	Bluff	12-Jul-18	08:35	VTJ-1	36	FALSE	FALSE	0	12	23.5
VTJ	Bluff	12-Jul-18	08:45	VTJ-3	34	FALSE	FALSE	0	12	13.0
VTJ	Bluff	27-Jul-18	08:50	VTJ-1	36	FALSE	FALSE	0	12	24.0
VTJ	Bluff	27-Jul-18	08:55	VTJ-3	34	FALSE	FALSE	0	12	13.0
VTJ	Bluff	09-Aug-18	08:45	VTJ-1	35	FALSE	FALSE	0	13	24.5
VTJ	Bluff	09-Aug-18	08:55	VTJ-3	34	FALSE	FALSE	0	13	13.5
VTJ	Bluff	23-Aug-18	08:25	VTJ-1	30	FALSE	FALSE	0	0	24.5
VTJ	Bluff	23-Aug-18	08:30	VTJ-3	32	FALSE	FALSE	0	12	13.5
RGA	Bruce	30-May-18	10:55	RGA-1	73	TRUE	FALSE	1	12	6.0
RGA	Bruce	30-May-18	10:25	RGA-2	42	TRUE	FALSE	3	12	3.5
RGA	Bruce	30-May-18	10:00	RGA-3	30	TRUE	FALSE	3	12	2.5
RGA	Bruce	15-Jun-18	14:53	RGA-1	63	FALSE	TRUE	2	12	6.5
RGA	Bruce	15-Jun-18	15:35	RGA-2	45	TRUE	FALSE	4	12	3.5
RGA	Bruce	15-Jun-18	15:07	RGA-3	31	TRUE	FALSE	3	12	2.5
RGA	Bruce	06-Jul-18	10:51	RGA-1	60	TRUE	FALSE	1	12	5.0
RGA	Bruce	06-Jul-18	10:33	RGA-2	32	TRUE	FALSE	2	12	2.5
RGA	Bruce	06-Jul-18	10:14	RGA-3	33	TRUE	FALSE	3	12	3.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGA	Bruce	DU PAGE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NW	Below Normal	1	1.50
RGA	Bruce	DU PAGE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NW	Below Normal	1	1.50
RGA	Bruce	DU PAGE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NW	Below Normal	1	1.50
RGA	Bruce	DU PAGE	51% To 70%	0.03	Overcast	Moderate Waves	SE	Above Normal	1	1.50
RGA	Bruce	DU PAGE	51% To 70%	0.03	Overcast	Moderate Waves	SE	Above Normal	1	1.50
RGA	Bruce	DU PAGE	51% To 70%	0.03	Overcast	Moderate Waves	SE	Above Normal	1	1.50
RGA	Bruce	DU PAGE	51% To 70%	0.03	Overcast	Moderate Waves	SE	Above Normal	1	1.50
RGJ	Butler	LAKE	Greater than 70%	0.00	Partly Cloudy	Calm/Ripple	E	No Selection	0	4.00
RGJ	Butler	LAKE	Greater than 70%	0.00	Partly Cloudy	Calm/Ripple	E	No Selection	0	4.00
RGJ	Butler	LAKE	Greater than 70%	0.00	Partly Cloudy	Calm/Ripple	E	No Selection	0	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RGA	Bruce	Not much rain in the past 5 days. Increased algae in the past 2-3 days. Increased goose activity in the past 4 days.	Increased algae....heavy mats of it around the edges of the lake.	Lake treatment is scheduled for July 27. (This would be 14 days since last treatment.
RGA	Bruce	Not much rain in the past 5 days. Increased algae in the past 2-3 days. Increased goose activity in the past 4 days.	Increased algae....heavy mats of it around the edges of the lake.	Lake treatment is scheduled for July 27. (This would be 14 days since last treatment.
RGA	Bruce	Not much rain in the past 5 days. Increased algae in the past 2-3 days. Increased goose activity in the past 4 days.	Increased algae....heavy mats of it around the edges of the lake.	Lake treatment is scheduled for July 27. (This would be 14 days since last treatment.
RGA	Bruce	We received ~2.0 inches of rain within the past week which helped reduce some of our algae.	Water is very clear. Medium level of algae. We have been fighting heavy algae since approx. July 8th. A lot of Geese have been visiting the lake since our goose chaser contract was up. We have him coming back starting in the next 2 weeks.	The lake has been treated almost every week since mid July due to very heavy algae.
RGA	Bruce	We received ~2.0 inches of rain within the past week which helped reduce some of our algae.	Water is very clear. Medium level of algae. We have been fighting heavy algae since approx. July 8th. A lot of Geese have been visiting the lake since our goose chaser contract was up. We have him coming back starting in the next 2 weeks.	The lake has been treated almost every week since mid July due to very heavy algae.
RGA	Bruce	We received ~2.0 inches of rain within the past week which helped reduce some of our algae.	Water is very clear. Medium level of algae. We have been fighting heavy algae since approx. July 8th. A lot of Geese have been visiting the lake since our goose chaser contract was up. We have him coming back starting in the next 2 weeks.	The lake has been treated almost every week since mid July due to very heavy algae.
RGJ	Butler	22" at bridge. much greater plant coverage		
RGJ	Butler	22" at bridge. much greater plant coverage		
RGJ	Butler	22" at bridge. much greater plant coverage		

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGA	Bruce	26-Jul-18	15:35	RGA-1	60	TRUE	FALSE	3	12	5.0
RGA	Bruce	26-Jul-18	15:21	RGA-2	40	TRUE	FALSE	3	12	3.5
RGA	Bruce	26-Jul-18	15:10	RGA-3	32	TRUE	FALSE	3	12	3.0
RGA	Bruce	24-Aug-18	15:19	RGA-1	76	TRUE	FALSE	3	12	6.5
RGA	Bruce	24-Aug-18	15:06	RGA-2	39	TRUE	FALSE	4	12	3.5
RGA	Bruce	24-Aug-18	14:53	RGA-3	32	TRUE	FALSE	3	12	3.0
RGJ	Butler	24-Jul-18	17:02	RGJ-1	33	FALSE	FALSE	3	13	7.5
RGJ	Butler	24-Jul-18	17:19	RGJ-2	21	FALSE	FALSE	0	3	7.5
RGJ	Butler	24-Jul-18	16:53	RGJ-3	36	FALSE	FALSE	4	13	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGJ	Butler	LAKE	51% To 70%	0.00	No Selection	Small Waves	NE	No Selection	0	3.00
RGJ	Butler	LAKE	51% To 70%	0.00	No Selection	Small Waves	NE	No Selection	0	3.00
RGJ	Butler	LAKE	51% To 70%	0.00	No Selection	Small Waves	NE	No Selection	0	3.00
RGJ	Butler	LAKE	51% To 70%	0.00	Sunny	Small Waves	E	No Selection	0	3.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Sunny	Small Waves	SE	Normal or Full	0	3.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Sunny	Small Waves	SE	Normal or Full	0	3.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Sunny	Small Waves	SE	Normal or Full	0	3.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Partly Cloudy	Small Waves	West	Normal or Full	0	10.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Partly Cloudy	Small Waves	West	Normal or Full	0	10.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Partly Cloudy	Small Waves	West	Normal or Full	0	10.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	North	Normal or Full	0	4.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	North	Normal or Full	0	4.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	North	Normal or Full	0	4.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	9.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	9.00
UDB	Camelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	9.00
UDB	Camelot	PEORIA		1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	2.00
UDB	Camelot	PEORIA		1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RGJ	Butler	level from bridge marker. More turbid than last month. Wind 6 mph	Plants treated with herbicide during the week of 9/12: subsequent fish kill (approx. 400 fish / all different species) Low DO cited as the cause. Lilies are coontail were treated	
RGJ	Butler	level from bridge marker. More turbid than last month. Wind 6 mph	Plants treated with herbicide during the week of 9/12: subsequent fish kill (approx. 400 fish / all different species) Low DO cited as the cause. Lilies are coontail were treated	
RGJ	Butler	level from bridge marker. More turbid than last month. Wind 6 mph	Plants treated with herbicide during the week of 9/12: subsequent fish kill (approx. 400 fish / all different species) Low DO cited as the cause. Lilies are coontail were treated	
RGJ	Butler		WWL, curlyleaf pw, chara	
UDB	Camelot			
UDB	Camelot			
UDB	Camelot			
UDB	Camelot	Scum forming blue-Green algae. Some very brown planktonic matter in the upper reaches past site 3.		algae & weed treatment 3 days ago
UDB	Camelot	Scum forming blue-Green algae. Some very brown planktonic matter in the upper reaches past site 3.		algae & weed treatment 3 days ago
UDB	Camelot	Scum forming blue-Green algae. Some very brown planktonic matter in the upper reaches past site 3.		algae & weed treatment 3 days ago
UDB	Camelot		Filamentous algae present but not bad	Algae & plant treatments every 3 weeks
UDB	Camelot		Filamentous algae present but not bad	Algae & plant treatments every 3 weeks
UDB	Camelot		Filamentous algae present but not bad	Algae & plant treatments every 3 weeks
UDB	Camelot	Recent heavy rains		Weed and Algae treatments
UDB	Camelot	Recent heavy rains		Weed and Algae treatments
UDB	Camelot	Recent heavy rains		Weed and Algae treatments
UDB	Camelot			
UDB	Camelot			

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGJ	Butler	30-Aug-18	17:12	RGJ-1	52	FALSE	FALSE	0	12	8.0
RGJ	Butler	30-Aug-18	17:26	RGJ-2	35	FALSE	FALSE	0	13	8.0
RGJ	Butler	30-Aug-18	17:07	RGJ-3	51	FALSE	FALSE	1	12	7.0
RGJ	Butler	23-May-18	16:47	RGJ-1	70	FALSE	FALSE	1	12	6.5
UDB	Camelot	14-Jun-18	11:35	UDB-1	24	FALSE	FALSE	0	3	33.0
UDB	Camelot	14-Jun-18	11:45	UDB-2	24	FALSE	FALSE	0	12	31.0
UDB	Camelot	14-Jun-18	11:55	UDB-3	24	FALSE	FALSE	0	12	17.0
UDB	Camelot	27-Jun-18	12:40	UDB-1	46	FALSE	FALSE	0	8	36.0
UDB	Camelot	27-Jun-18	13:20	UDB-2	40	FALSE	FALSE	0	8	25.0
UDB	Camelot	27-Jun-18	13:40	UDB-3	66	FALSE	FALSE	0	11	18.0
UDB	Camelot	25-Jul-18	11:38	UDB-1	36	FALSE	FALSE	0	12	36.0
UDB	Camelot	25-Jul-18	12:16	UDB-2	32	FALSE	FALSE	0	12	26.0
UDB	Camelot	25-Jul-18	12:38	UDB-3	34	FALSE	FALSE	0	12	15.0
UDB	Camelot	12-Sep-18	11:15	UDB-1	31	FALSE	FALSE	0	17	31.0
UDB	Camelot	12-Sep-18	11:55	UDB-2	25	FALSE	FALSE	0	8	25.0
UDB	Camelot	12-Sep-18	12:20	UDB-3	24	FALSE	FALSE	0	12	10.0
UDB	Camelot	26-Sep-18	13:12	UDB-1	22	FALSE	FALSE	0	17	20.0
UDB	Camelot	26-Sep-18	13:28	UDB-2	24	FALSE	FALSE	0	17	29.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
UDB	Camelot	PEORIA		1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	2.00
STJ	Campton	KANE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	2.00
STJ	Campton	KANE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	2.00
STJ	Campton	KANE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	2.00
RNZH	Campus	JACKSON	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Above Normal	12	5.25
RNZH	Campus	JACKSON	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Above Normal	12	5.25
RNZH	Campus	JACKSON	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Above Normal	12	5.25
RNZH	Campus	JACKSON	Less Than 5%	0.25	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RNZH	Campus	JACKSON	Less Than 5%	0.25	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RNZH	Campus	JACKSON	Less Than 5%	0.25	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RNZH	Campus	JACKSON	Less Than 5%	0.25	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00
RNZH	Campus	JACKSON	Less Than 5%	0.25	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00
RNZH	Campus	JACKSON	Less Than 5%	0.25	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00
RNZH	Campus	JACKSON	Less Than 5%	0.50	Sunny	Calm/Ripple	S	Normal or Full	0	3.00
RNZH	Campus	JACKSON	Less Than 5%	0.50	Sunny	Calm/Ripple	S	Normal or Full	0	3.00
RNZH	Campus	JACKSON	Less Than 5%	0.50	Sunny	Calm/Ripple	S	Normal or Full	0	3.00
RNZH	Campus	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	SW	Normal or Full	0	2.00
RNZH	Campus	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	SW	Normal or Full	0	2.00
RNZH	Campus	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	SW	Normal or Full	0	2.00
RPV	Candlewick	BOONE	51% To 70%	0.00	Partly Cloudy	Moderate Waves	W	Normal or Full	0	2.00
RPV	Candlewick	BOONE	51% To 70%	0.00	Partly Cloudy	Moderate Waves	W	Normal or Full	0	2.00
RPV	Candlewick	BOONE	51% To 70%	0.00	Partly Cloudy	Moderate Waves	W	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
UDB	Camelot			
STJ	Campton			
STJ	Campton			
STJ	Campton			
RNZH	Campus		Breezy 10-15 mph	Site 1 near (<25') to 2 aerators- No difference in D.O. from sites 2 & 3
RNZH	Campus		Breezy 10-15 mph	Site 1 near (<25') to 2 aerators- No difference in D.O. from sites 2 & 3
RNZH	Campus		Breezy 10-15 mph	Site 1 near (<25') to 2 aerators- No difference in D.O. from sites 2 & 3
RNZH	Campus	Very Calm		Site 1 near 2 aerators- lowest O2 at all strata.
RNZH	Campus	Very Calm		Site 1 near 2 aerators- lowest O2 at all strata.
RNZH	Campus	Very Calm		Site 1 near 2 aerators- lowest O2 at all strata.
RNZH	Campus			Site D.O about same as others.
RNZH	Campus			Site D.O about same as others.
RNZH	Campus			Site D.O about same as others.
RNZH	Campus		Slight 5mph breeze	No aerators running
RNZH	Campus		Slight 5mph breeze	No aerators running
RNZH	Campus		Slight 5mph breeze	No aerators running
RNZH	Campus		Breezy	
RNZH	Campus		Breezy	
RNZH	Campus		Breezy	
RPV	Candlewick	Algae bloom just starting	Coontail and hybrid milfoil present.	5/4 whole lake treatment with Sonar for hybrid milfoil
RPV	Candlewick	Algae bloom just starting	Coontail and hybrid milfoil present.	5/4 whole lake treatment with Sonar for hybrid milfoil
RPV	Candlewick	Algae bloom just starting	Coontail and hybrid milfoil present.	5/4 whole lake treatment with Sonar for hybrid milfoil

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
UDB	Camelot	26-Sep-18	13:45	UDB-3	25	FALSE	FALSE	0	17	16.0
STJ	Campton	16-Sep-18	16:47	STJ-1	18	FALSE	FALSE	0	12	7.0
STJ	Campton	16-Sep-18	16:34	STJ-2	20	FALSE	FALSE	0	12	3.5
STJ	Campton	16-Sep-18	16:22	STJ-3	12	FALSE	FALSE	0	12	2.0
RNZH	Campus	03-May-18	09:30	RNZH-1	50	FALSE	FALSE	0	8	16.0
RNZH	Campus	03-May-18	09:45	RNZH-2	51	FALSE	FALSE	0	17	12.0
RNZH	Campus	03-May-18	09:15	RNZH-3	49	FALSE	FALSE	0	8	9.5
RNZH	Campus	13-Jun-18	13:30	RNZH-1	28	FALSE	FALSE	1	17	15.0
RNZH	Campus	13-Jun-18	12:55	RNZH-1	31	FALSE	FALSE	1	8	14.0
RNZH	Campus	13-Jun-18	13:50	RNZH-1	29	FALSE	FALSE	0	17	11.0
RNZH	Campus	17-Jul-18	10:30	RNZH-1	21	FALSE	FALSE	0	8	15.0
RNZH	Campus	17-Jul-18	10:00	RNZH-2	21	FALSE	FALSE	0	2	11.0
RNZH	Campus	17-Jul-18	11:40	RNZH-3	21	FALSE	FALSE	0	8	11.0
RNZH	Campus	28-Aug-18	10:33	RNZH-1	32	FALSE	FALSE	0	9	13.0
RNZH	Campus	28-Aug-18	10:10	RNZH-2	33	FALSE	FALSE	0	8	11.0
RNZH	Campus	28-Aug-18	10:33	RNZH-3	29	FALSE	FALSE	0	3	9.0
RNZH	Campus	01-Oct-18	12:30	RNZH-1	39	FALSE	FALSE	1	3	15.0
RNZH	Campus	01-Oct-18	12:20	RNZH-2	41	FALSE	FALSE	1	8	12.0
RNZH	Campus	01-Oct-18	13:20	RNZH-3	40	FALSE	FALSE	1		10.0
RPV	Candlewick	20-May-18	17:00	RPV-1	114	FALSE	FALSE	0	3	27.0
RPV	Candlewick	20-May-18	17:20	RPV-2	108	FALSE	FALSE	0	3	14.0
RPV	Candlewick	20-May-18	17:40	RPV-3	84	TRUE	FALSE	1	3	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPV	Candlewick	BOONE	51% To 70%	0.00	Sunny	Small Waves	E	Normal or Full	0	2.00
RPV	Candlewick	BOONE	51% To 70%	0.00	Sunny	Small Waves	E	Normal or Full	0	2.00
RPV	Candlewick	BOONE	51% To 70%	0.00	Sunny	Small Waves	E	Normal or Full	0	2.00
RPV	Candlewick	BOONE	5% To 25%	0.00	Partly Cloudy	Moderate Waves	W	Normal or Full	3	1.00
RPV	Candlewick	BOONE	5% To 25%	0.00	Partly Cloudy	Moderate Waves	W	Normal or Full	3	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RPV	Candlewick	Very warm weather caused algae bloom over holiday weekend.	Algae bloom was reduced by chemical treatment. Large algae bloom in fingers 5/24 - 5/29	Citrine Ultra treatment for algae 5/22 - 20 gallons 5/23 - 12.5 gallons 5/25 - granular 5/29 - 25 gallons 5/31 - 12.5 gallons
RPV	Candlewick	Very warm weather caused algae bloom over holiday weekend.	Algae bloom was reduced by chemical treatment. Large algae bloom in fingers 5/24 - 5/29	Citrine Ultra treatment for algae 5/22 - 20 gallons 5/23 - 12.5 gallons 5/25 - granular 5/29 - 25 gallons 5/31 - 12.5 gallons
RPV	Candlewick	Very warm weather caused algae bloom over holiday weekend.	Algae bloom was reduced by chemical treatment. Large algae bloom in fingers 5/24 - 5/29	Citrine Ultra treatment for algae 5/22 - 20 gallons 5/23 - 12.5 gallons 5/25 - granular 5/29 - 25 gallons 5/31 - 12.5 gallons
RPV	Candlewick	Rain - 12 inches from 6/4 to 6/26		6/6 Clarke did a bump treatment of Sonar - 5 gallons. 6/18 Maintenance - 6 gallons of Citrine Ultra for algae at Fisherman's Cove, Dip area and Friendship Park, most area treatment was on top, few areas used bailer.
RPV	Candlewick	Rain - 12 inches from 6/4 to 6/26		6/6 Clarke did a bump treatment of Sonar - 5 gallons. 6/18 Maintenance - 6 gallons of Citrine Ultra for algae at Fisherman's Cove, Dip area and Friendship Park, most area treatment was on top, few areas used bailer.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPV	Candlewick	03-Jun-18	16:00	RPV-1	120	FALSE	FALSE	0	3	27.0
RPV	Candlewick	03-Jun-18	16:20	RPV-2	114	FALSE	FALSE	0	3	14.0
RPV	Candlewick	03-Jun-18	16:40	RPV-3	84	TRUE	FALSE	1	3	7.0
RPV	Candlewick	26-Jun-18	17:00	RPV-1	48	FALSE	FALSE	0	3	27.0
RPV	Candlewick	26-Jun-18	17:15	RPV-2	36	FALSE	FALSE	0	3	15.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPV	Candlewick	BOONE	5% To 25%	0.00	Partly Cloudy	Moderate Waves	W	Normal or Full	3	1.00
RPV	Candlewick	BOONE	5% To 25%	0.00	Sunny	Calm/Ripple	S	Normal or Full	5	1.00
RPV	Candlewick	BOONE	5% To 25%	0.00	Sunny	Calm/Ripple	S	Normal or Full	5	1.00
RPV	Candlewick	BOONE	5% To 25%	0.00	Sunny	Calm/Ripple	S	Normal or Full	5	1.00
RPV	Candlewick	BOONE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	1.50
RPV	Candlewick	BOONE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	1.50
RPV	Candlewick	BOONE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	1.50
RPV	Candlewick	BOONE	5% To 25%	0.00	Sunny	Moderate Waves	SW	Normal or Full	0	1.50
RPV	Candlewick	BOONE	5% To 25%	0.00	Sunny	Moderate Waves	SW	Normal or Full	0	1.50

Lake Code	Waterbody	Observations	Other Information	Management
RPV	Candlewick	Rain - 12 inches from 6/4 to 6/26		6/6 Clarke did a bump treatment of Sonar - 5 gallons. 6/18 Maintenance - 6 gallons of Cutrine Ultra for algae at Fisherman's Cove, Dip area and Friendship Park, most area treatment was on top, few areas used bailer.
RPV	Candlewick	Little rain, normal summer temperatures. Recreational usage high on 7/7 for community celebration		7/5 Cutrine Ultra - 12 gallons applied to approximately 4 acres - Fisherman's Cove and North end shoreline
RPV	Candlewick	Little rain, normal summer temperatures. Recreational usage high on 7/7 for community celebration		7/5 Cutrine Ultra - 12 gallons applied to approximately 4 acres - Fisherman's Cove and North end shoreline
RPV	Candlewick	Little rain, normal summer temperatures. Recreational usage high on 7/7 for community celebration		7/5 Cutrine Ultra - 12 gallons applied to approximately 4 acres - Fisherman's Cove and North end shoreline
RPV	Candlewick			7/11 and 7/12 Harvester went out to pick up algae in the North and Northwest cove and along shoreline
RPV	Candlewick			7/11 and 7/12 Harvester went out to pick up algae in the North and Northwest cove and along shoreline
RPV	Candlewick			7/11 and 7/12 Harvester went out to pick up algae in the North and Northwest cove and along shoreline
RPV	Candlewick	Blue Green Algae was present and sent to the lab for testing. A small amount of Microcystins, Anatoxin and Saxitoxin were detected in samples.		7/16 Harvester was out on North Cove for Algae 7/24 Cutrine Ultra treatment for blue green algae at Inlet Cove, Highland Valley and along dam.
RPV	Candlewick	Blue Green Algae was present and sent to the lab for testing. A small amount of Microcystins, Anatoxin and Saxitoxin were detected in samples.		7/16 Harvester was out on North Cove for Algae 7/24 Cutrine Ultra treatment for blue green algae at Inlet Cove, Highland Valley and along dam.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPV	Candlewick	26-Jun-18	17:30	RPV-3	36	FALSE	FALSE	0	3	8.0
RPV	Candlewick	08-Jul-18	12:00	RPV-1	72	FALSE	FALSE	0	3	27.0
RPV	Candlewick	08-Jul-18	12:15	RPV-2	48	FALSE	FALSE	0	3	14.0
RPV	Candlewick	08-Jul-18	12:30	RPV-3	48	FALSE	FALSE	0	3	9.0
RPV	Candlewick	15-Jul-18	17:00	RPV-1	30	FALSE	FALSE	0	3	28.0
RPV	Candlewick	15-Jul-18	16:30	RPV-2	36	FALSE	FALSE	0	3	15.0
RPV	Candlewick	15-Jul-18	16:00	RPV-3	42	FALSE	FALSE	0	3	7.0
RPV	Candlewick	29-Jul-18	18:00	RPV-1	24	FALSE	FALSE	0	3	28.0
RPV	Candlewick	29-Jul-18	17:30	RPV-2	24	FALSE	FALSE	0	3	15.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPV	Candlewick	BOONE	5% To 25%	0.00	Sunny	Moderate Waves	SW	Normal or Full	0	1.50
RPV	Candlewick	BOONE	5% To 25%	0.00	Overcast	Calm/Ripple	S	Above Normal	6	1.00
RPV	Candlewick	BOONE	5% To 25%	0.00	Overcast	Calm/Ripple	S	Above Normal	6	1.00
RPV	Candlewick	BOONE	5% To 25%	0.00	Overcast	Calm/Ripple	S	Above Normal	6	1.00
RNI	Carbondale	JACKSON	Less Than 5%	1.34	Overcast	Small Waves	S	Normal or Full	0	2.00
RNI	Carbondale	JACKSON	Less Than 5%	1.34	Overcast	Small Waves	S	Normal or Full	0	2.00
RNI	Carbondale	JACKSON	Less Than 5%	1.86	Overcast	Calm/Ripple	SE	Below Normal	5	2.00
RNI	Carbondale	JACKSON	Less Than 5%	1.86	Overcast	Calm/Ripple	SE	Below Normal	5	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	6	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	6	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.31	Overcast	Calm/Ripple	SW	Below Normal	4	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.31	Overcast	Calm/Ripple	SW	Below Normal	4	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Below Normal	6	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Below Normal	6	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.22	Overcast	Calm/Ripple	NW	Below Normal	6	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.22	Overcast	Calm/Ripple	NW	Below Normal	6	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	6	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	6	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	7	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	7	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Below Normal	5	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Below Normal	5	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.12	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.12	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	S	Below Normal	5	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	S	Below Normal	5	2.00

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPV	Candlewick	29-Jul-18	17:00	RPV-3	24	FALSE	FALSE	0	3	7.0
RPV	Candlewick	14-Oct-18	14:30	RPV-1	42	FALSE	FALSE	0	4	28.0
RPV	Candlewick	14-Oct-18	14:15	RPV-2	42	FALSE	FALSE	0	4	15.0
RPV	Candlewick	14-Oct-18	14:00	RPV-3	42	FALSE	FALSE	0	4	7.0
RNI	Carbondale	21-May-18	13:13	RNI-1	24	FALSE	FALSE	0	12	11.0
RNI	Carbondale	21-May-18	13:24	RNI-2	8	FALSE	FALSE	0	13	9.0
RNI	Carbondale	31-May-18	13:50	RNI-1	24	FALSE	FALSE	0	12	8.5
RNI	Carbondale	31-May-18	14:00	RNI-2	24	FALSE	FALSE	0	12	8.0
RNI	Carbondale	11-Jun-18	08:39	RNI-1	18	FALSE	FALSE	0	12	8.0
RNI	Carbondale	11-Jun-18	08:50	RNI-2	16	FALSE	FALSE	0	12	8.0
RNI	Carbondale	25-Jun-18	10:50	RNI-1	15	FALSE	FALSE	0	12	11.0
RNI	Carbondale	25-Jun-18	11:05	RNI-2	14	FALSE	FALSE	0	12	6.5
RNI	Carbondale	09-Jul-18	09:01	RNI-1	12	FALSE	FALSE	0	12	10.5
RNI	Carbondale	09-Jul-18	09:14	RNI-2	12	FALSE	FALSE	0	12	8.0
RNI	Carbondale	30-Jul-18	08:07	RNI-1	10	FALSE	FALSE	0	12	9.0
RNI	Carbondale	30-Jul-18	09:05	RNI-2	10	FALSE	FALSE	0	12	8.0
RNI	Carbondale	13-Aug-18	08:44	RNI-1	12	FALSE	FALSE	0	8	10.0
RNI	Carbondale	13-Aug-18	08:54	RNI-2	10	FALSE	FALSE	0	12	8.0
RNI	Carbondale	31-Aug-18	08:56	RNI-1	10	FALSE	FALSE	0	12	8.5
RNI	Carbondale	31-Aug-18	09:00	RNI-2	12	FALSE	FALSE	0	12	8.0
RNI	Carbondale	11-Sep-18	13:55	RNI-1	10	FALSE	FALSE	0	12	11.0
RNI	Carbondale	11-Sep-18	14:01	RNI-2	12	FALSE	FALSE	0	12	9.0
RNI	Carbondale	28-Sep-18	14:00	RNI-1	12	FALSE	FALSE	0	12	11.0
RNI	Carbondale	28-Sep-18	14:08	RNI-2	10	FALSE	FALSE	0	12	8.0
RNI	Carbondale	09-Oct-18	14:01	RNI-1	10	FALSE	FALSE	0	12	11.5
RNI	Carbondale	09-Oct-18	14:08	RNI-2	12	FALSE	FALSE	0	12	9.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	NW	Below Normal	5	2.00
RNI	Carbondale	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	NW	Below Normal	5	2.00
RMQ	Carroll	CARROLL	26% To 50%	4.00	Overcast	Moderate Waves	East/NE	Above Normal	3.5	4.00
RMQ	Carroll	CARROLL	26% To 50%	4.00	Overcast	Moderate Waves	East/NE	Above Normal	3.5	4.00
RMQ	Carroll	CARROLL	26% To 50%	4.00	Overcast	Moderate Waves	East/NE	Above Normal	3.5	4.00
RMQ	Carroll	CARROLL	26% To 50%	4.00	Overcast	Moderate Waves	East/NE	Above Normal	3.5	4.00
RMQ	Carroll	CARROLL	26% To 50%	4.00	Overcast	Moderate Waves	East/NE	Above Normal	3.5	4.00
RMQ	Carroll	CARROLL	26% To 50%	4.00	Overcast	Moderate Waves	East/NE	Above Normal	3.5	4.00
RMQ	Carroll	CARROLL	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NNW	Above Normal	1	7.50
RMQ	Carroll	CARROLL	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NNW	Above Normal	1	7.50
RMQ	Carroll	CARROLL	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NNW	Above Normal	1	7.50
RMQ	Carroll	CARROLL	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NNW	Above Normal	1	7.50
RMQ	Carroll	CARROLL	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NNW	Above Normal	1	7.50
RMQ	Carroll	CARROLL	5% To 25%	1.00	Overcast	Calm/Ripple	NNE	Above Normal	1	4.00
RMQ	Carroll	CARROLL	5% To 25%	1.00	Overcast	Calm/Ripple	NNE	Above Normal	1	4.00
RMQ	Carroll	CARROLL	5% To 25%	1.00	Overcast	Calm/Ripple	NNE	Above Normal	1	4.00
RMQ	Carroll	CARROLL	5% To 25%	1.00	Overcast	Calm/Ripple	NNE	Above Normal	1	4.00
RMQ	Carroll	CARROLL	5% To 25%	1.00	Overcast	Calm/Ripple	NNE	Above Normal	1	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RNI	Carbondale			
RNI	Carbondale			
RMQ	Carroll	Heavy rain recently. Flood in Febuary. Above average rainfall	Alt Gage reading 3.5"	Dredging (since April 2018) Near site 4. Aquatic plant Harvesting (daily)
RMQ	Carroll	Heavy rain recently. Flood in Febuary. Above average rainfall	Alt Gage reading 3.5"	Dredging (since April 2018) Near site 4. Aquatic plant Harvesting (daily)
RMQ	Carroll	Heavy rain recently. Flood in Febuary. Above average rainfall	Alt Gage reading 3.5"	Dredging (since April 2018) Near site 4. Aquatic plant Harvesting (daily)
RMQ	Carroll	Heavy rain recently. Flood in Febuary. Above average rainfall	Alt Gage reading 3.5"	Dredging (since April 2018) Near site 4. Aquatic plant Harvesting (daily)
RMQ	Carroll	Heavy rain recently. Flood in Febuary. Above average rainfall	Alt Gage reading 3.5"	Dredging (since April 2018) Near site 4. Aquatic plant Harvesting (daily)
RMQ	Carroll	Water clarity is less. Green color is not usual since zebra mussels	Clarity is lower than normal	Dredging south bay weed treatment program end of June 4, 7/13/18
RMQ	Carroll	Water clarity is less. Green color is not usual since zebra mussels	Clarity is lower than normal	Dredging south bay weed treatment program end of June 4, 7/13/18
RMQ	Carroll	Water clarity is less. Green color is not usual since zebra mussels	Clarity is lower than normal	Dredging south bay weed treatment program end of June 4, 7/13/18
RMQ	Carroll	Water clarity is less. Green color is not usual since zebra mussels	Clarity is lower than normal	Dredging south bay weed treatment program end of June 4, 7/13/18
RMQ	Carroll	Water clarity is less. Green color is not usual since zebra mussels	Clarity is lower than normal	Dredging south bay weed treatment program end of June 4, 7/13/18
RMQ	Carroll		Winds picked up after site 1 and 3 completed, moderate waves after that	Dredging at site 5
RMQ	Carroll		Winds picked up after site 1 and 3 completed, moderate waves after that	Dredging at site 5
RMQ	Carroll		Winds picked up after site 1 and 3 completed, moderate waves after that	Dredging at site 5
RMQ	Carroll		Winds picked up after site 1 and 3 completed, moderate waves after that	Dredging at site 5
RMQ	Carroll		Winds picked up after site 1 and 3 completed, moderate waves after that	Dredging at site 5

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RNI	Carbondale	19-Oct-18	14:15	RNI-1	12	FALSE	FALSE	0	12	11.0
RNI	Carbondale	19-Oct-18	14:21	RNI-2	12	FALSE	FALSE	0	12	8.0
RMQ	Carroll	11-Jun-18	13:06	RMQ-1	180	FALSE	FALSE	0	3	51.5
RMQ	Carroll	11-Jun-18	13:46	RMQ-2	102	FALSE	FALSE	0	17	26.5
RMQ	Carroll	11-Jun-18	14:33	RMQ-3	156	FALSE	FALSE	0	8	32.0
RMQ	Carroll	11-Jun-18	14:06	RMQ-4	74	FALSE	FALSE	0	17	17.5
RMQ	Carroll	11-Jun-18	14:54	RMQ-5	30	FALSE	FALSE	2	13	10.0
RMQ	Carroll	17-Jul-18	13:20	RMQ-1	79	FALSE	FALSE	0	8	50.0
RMQ	Carroll	17-Jul-18	13:53	RMQ-2	63	FALSE	FALSE	0	8	27.0
RMQ	Carroll	17-Jul-18	14:08	RMQ-3	53	FALSE	FALSE	0	8	18.5
RMQ	Carroll	17-Jul-18	14:26	RMQ-4	72	FALSE	FALSE	0	8	33.0
RMQ	Carroll	17-Jul-18	14:44	RMQ-5	60	FALSE	FALSE	0	17	10.0
RMQ	Carroll	19-Sep-18	12:03	RMQ-1	60	FALSE	FALSE	0	8	50.0
RMQ	Carroll	19-Sep-18	13:50	RMQ-2	60	FALSE	FALSE	0	8	33.0
RMQ	Carroll	19-Sep-18	13:00	RMQ-3	55	FALSE	FALSE	0	7	18.5
RMQ	Carroll	19-Sep-18	13:20	RMQ-4	60	FALSE	FALSE	0	8	25.5
RMQ	Carroll	19-Sep-18	13:33	RMQ-5	45	FALSE	FALSE	0	12	10.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Small Waves	NE	Above Normal	1	2.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Small Waves	NE	Above Normal	1	2.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Above Normal	1	6.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Above Normal	1	6.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Hazy	Calm/Ripple	SW	Below Normal	1	2.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Hazy	Calm/Ripple	SW	Below Normal	1	2.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0.5	4.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0.5	4.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.75	Partly Cloudy	Calm/Ripple	NE	Above Normal	1	2.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.75	Partly Cloudy	Calm/Ripple	NE	Above Normal	1	2.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	7.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	7.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Hazy	Calm/Ripple	NW	Above Normal	1	3.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Hazy	Calm/Ripple	NW	Above Normal	1	3.00
VDE	Catatoga	MACOUPIN	Less Than 5%	1.00	Overcast	Small Waves	SW	Above Normal	1	7.00
VDE	Catatoga	MACOUPIN	Less Than 5%	1.00	Overcast	Small Waves	SW	Above Normal	1	7.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.25	Overcast	Small Waves	S	Above Normal	2	4.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.25	Overcast	Small Waves	S	Above Normal	2	4.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Small Waves	SE	Below Normal	3	3.50
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Small Waves	SE	Below Normal	3	3.50

Lake Code	Waterbody	Observations	Other Information	Management
VDE	Catatoga			Nearby farm fields plowed and sprayed with unknown. Copper sulfate applied to lake 4/28 and 4/30.
VDE	Catatoga			Nearby farm fields plowed and sprayed with unknown. Copper sulfate applied to lake 4/28 and 4/30.
VDE	Catatoga			Diquat applied today (5/14/18)
VDE	Catatoga			Diquat applied today (5/14/18)
VDE	Catatoga			Diquat applied 5/29/18
VDE	Catatoga			Diquat applied 5/29/18
VDE	Catatoga	Heat advisory last several days		
VDE	Catatoga	Heat advisory last several days		
VDE	Catatoga		A few duckweed seen	Since last testing, about 12 days ago, selected copper sulfate treatments were done - 150 lbs total for three locations
VDE	Catatoga		A few duckweed seen	Since last testing, about 12 days ago, selected copper sulfate treatments were done - 150 lbs total for three locations
VDE	Catatoga			
VDE	Catatoga			
VDE	Catatoga			
VDE	Catatoga			
VDE	Catatoga			
VDE	Catatoga			
VDE	Catatoga			
VDE	Catatoga	Dry; harvest of surrounding corn and bean fields. No aquatic plants seen except small amount of filamentous algae.		None known
VDE	Catatoga	Dry; harvest of surrounding corn and bean fields. No aquatic plants seen except small amount of filamentous algae.		None known

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VDE	Catatoga	07-May-18	13:55	VDE-1	59	FALSE	FALSE	0	12	49.0
VDE	Catatoga	07-May-18	14:20	VDE-2	65	FALSE	FALSE	0	12	33.0
VDE	Catatoga	14-May-18	10:30	VDE-1	70	FALSE	FALSE	0	3	49.0
VDE	Catatoga	14-May-18	11:10	VDE-2	70	FALSE	FALSE	0	3	32.0
VDE	Catatoga	08-Jun-18	10:05	VDE-1	63	FALSE	FALSE	0	2	49.0
VDE	Catatoga	08-Jun-18	10:45	VDE-2	64	FALSE	FALSE	0	3	32.5
VDE	Catatoga	18-Jun-18	10:24	VDE-1	52	FALSE	FALSE	0	2	48.0
VDE	Catatoga	18-Jun-18	11:00	VDE-2	41	FALSE	FALSE	0	2	33.0
VDE	Catatoga	02-Jul-18	13:55	VDE-1	56	FALSE	FALSE	0	3	49.0
VDE	Catatoga	02-Jul-18	14:10	VDE-2	47	FALSE	FALSE	0	8	32.5
VDE	Catatoga	25-Jul-18	12:20	VDE-1	74	FALSE	FALSE	0	3	49.0
VDE	Catatoga	25-Jul-18	12:50	VDE-2	65	FALSE	FALSE	0	2	32.0
VDE	Catatoga	12-Aug-18	10:10	VDE-1	79	FALSE	FALSE	0	2	48.0
VDE	Catatoga	12-Aug-18	10:00	VDE-2	70	FALSE	FALSE	0	1	32.0
VDE	Catatoga	20-Aug-18	14:40	VDE-1	63	FALSE	FALSE	0	3	47.0
VDE	Catatoga	20-Aug-18	14:55	VDE-2	60	FALSE	FALSE	0	3	31.5
VDE	Catatoga	01-Sep-18	10:15	VDE-1	82	FALSE	FALSE	0	8	48.0
VDE	Catatoga	01-Sep-18	10:30	VDE-2	73	FALSE	FALSE	0	8	32.0
VDE	Catatoga	29-Sep-18	15:40	VDE-1	76	FALSE	FALSE	0	8	48.0
VDE	Catatoga	29-Sep-18	15:55	VDE-2	76	FALSE	FALSE	0	8	32.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VDE	Catatoga	MACOUPIN	Less Than 5%	0.12	Partly Cloudy	Small Waves	SW	Below Normal	4	2.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.12	Partly Cloudy	Small Waves	SW	Below Normal	4	2.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	4	2.00
VDE	Catatoga	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	4	2.00
RTD	Catherine	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	2.00
RTD	Catherine	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	2.00
RTD	Catherine	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	2.00
RTD	Catherine	LAKE	No Selection	0.00	Sunny	Small Waves	W	Above Normal	5	2.00
RTD	Catherine	LAKE	No Selection	0.00	Sunny	Small Waves	W	Above Normal	5	2.00
RTD	Catherine	LAKE	No Selection	0.00	Sunny	Small Waves	W	Above Normal	5	2.00
RTD	Catherine	LAKE	Less Than 5%	1.20	Partly Cloudy	Small Waves	SE	Normal or Full	0	2.50
RTD	Catherine	LAKE	Less Than 5%	1.20	Partly Cloudy	Small Waves	SE	Normal or Full	0	2.50
RTD	Catherine	LAKE	Less Than 5%	1.20	Partly Cloudy	Small Waves	SE	Normal or Full	0	2.50
RTD	Catherine	LAKE	5% To 25%	0.00	Sunny	Small Waves	NE	Normal or Full	0	2.00
RTD	Catherine	LAKE	5% To 25%	0.00	Sunny	Small Waves	NE	Normal or Full	0	2.00
RTD	Catherine	LAKE	5% To 25%	0.00	Sunny	Small Waves	NE	Normal or Full	0	2.00
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Small Waves	NE	Normal or Full	0	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Small Waves	NE	Normal or Full	0	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Small Waves	NE	Normal or Full	0	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Partly Cloudy	Small Waves	W	Below Normal	4	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Partly Cloudy	Small Waves	W	Below Normal	4	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Partly Cloudy	Small Waves	W	Below Normal	4	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	3.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	2.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	2.50
RTD	Catherine	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	2.50
RTD	Catherine	LAKE	Less Than 5%	0.07	Overcast	Calm/Ripple	NE	Below Normal	4	3.50
RTD	Catherine	LAKE	Less Than 5%	0.07	Overcast	Calm/Ripple	NE	Below Normal	4	3.50
RTD	Catherine	LAKE	Less Than 5%	0.07	Overcast	Calm/Ripple	NE	Below Normal	4	3.50
RNE	Cedar	JACKSON	Less Than 5%	1.50	Partly Cloudy	Small Waves	S	Above Normal	6	16.00

Lake Code	Waterbody	Observations	Other Information	Management
VDE	Catatoga		Water was calmer at site2 which might have impacted the Secchi depth to be deeper than site1's.	None known
VDE	Catatoga		Water was calmer at site2 which might have impacted the Secchi depth to be deeper than site1's.	None known
VDE	Catatoga			
VDE	Catatoga			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine	HAB along shoreline		
RTD	Catherine	HAB along shoreline		
RTD	Catherine	HAB along shoreline		
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RTD	Catherine			
RNE	Cedar			

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VDE	Catatoga	05-Oct-18	11:20	VDE-1	77	FALSE	FALSE	0	8	48.0
VDE	Catatoga	05-Oct-18	11:45	VDE-2	93	FALSE	FALSE	0	8	32.0
VDE	Catatoga	23-Oct-18	15:40	VDE-1	115	FALSE	FALSE	0	3	48.5
VDE	Catatoga	23-Oct-18	15:55	VDE-2	116	FALSE	FALSE	0	2	32.0
RTD	Catherine	06-May-18	13:31	RTD-1	52	FALSE	FALSE	0	12	37.5
RTD	Catherine	06-May-18	13:58	RTD-2	56	FALSE	FALSE	0	12	30.0
RTD	Catherine	06-May-18	14:26	RTD-3	61	FALSE	FALSE	0	12	33.5
RTD	Catherine	27-May-18	11:26	RTD-1	36	FALSE	FALSE	0	3	38.0
RTD	Catherine	27-May-18	11:12	RTD-2	38	FALSE	FALSE	0	3	30.5
RTD	Catherine	27-May-18	10:58	RTD-3	39	FALSE	FALSE	0	3	34.5
RTD	Catherine	16-Jun-18	10:33	RTD-1	125	FALSE	FALSE	0	13	35.0
RTD	Catherine	16-Jun-18	10:52	RTD-2	114	FALSE	FALSE	0	13	34.0
RTD	Catherine	16-Jun-18	11:08	RTD-3	123	FALSE	FALSE	0	13	33.5
RTD	Catherine	03-Jun-18	09:50	RTD-1	125	FALSE	FALSE	0	12	39.0
RTD	Catherine	03-Jun-18	09:40	RTD-2	128	FALSE	FALSE	0	12	31.0
RTD	Catherine	03-Jun-18	09:20	RTD-3	117	FALSE	FALSE	0	12	34.0
RTD	Catherine	06-Jul-18	09:05	RTD-1	70	FALSE	FALSE	0	13	35.0
RTD	Catherine	06-Jul-18	09:18	RTD-2	72	FALSE	FALSE	0	13	35.0
RTD	Catherine	06-Jul-18	09:32	RTD-3	68	FALSE	FALSE	0	13	34.0
RTD	Catherine	29-Jul-18	10:42	RTD-1	39	FALSE	FALSE	0	11	34.0
RTD	Catherine	29-Jul-18	10:54	RTD-2	42	FALSE	FALSE	0	11	34.0
RTD	Catherine	29-Jul-18	11:10	RTD-3	42	FALSE	FALSE	0	11	34.0
RTD	Catherine	12-Aug-18	10:33	RTD-1	48	FALSE	FALSE	0	11	35.0
RTD	Catherine	12-Aug-18	10:46	RTD-2	50	FALSE	FALSE	0	11	34.0
RTD	Catherine	12-Aug-18	11:01	RTD-3	50	FALSE	FALSE	0	11	34.0
RTD	Catherine	26-Aug-18	10:33	RTD-1	81	FALSE	FALSE	0	12	35.0
RTD	Catherine	26-Aug-18	10:52	RTD-2	81	FALSE	FALSE	0	12	34.0
RTD	Catherine	26-Aug-18	11:06	RTD-3	80	FALSE	FALSE	0	12	34.0
RTD	Catherine	16-Sep-18	10:19	RTD-1	82	FALSE	FALSE	0	13	35.0
RTD	Catherine	16-Sep-18	10:31	RTD-2	78	FALSE	FALSE	0	13	35.0
RTD	Catherine	16-Sep-18	10:42	RTD-3	90	FALSE	FALSE	0	13	34.0
RTD	Catherine	30-Sep-18	16:04	RTD-1	86	FALSE	FALSE	0	12	36.0
RTD	Catherine	30-Sep-18	16:31	RTD-2	101	FALSE	FALSE	0	12	35.0
RTD	Catherine	30-Sep-18	16:17	RTD-3	95	FALSE	FALSE	0	12	34.0
RNE	Cedar	30-May-18	10:15	RNE-1	78	FALSE	FALSE	0	12	44.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RNE	Cedar	JACKSON	Less Than 5%	1.50	Partly Cloudy	Small Waves	S	Above Normal	6	16.00
RNE	Cedar	JACKSON	Less Than 5%	1.50	Partly Cloudy	Small Waves	S	Above Normal	6	16.00
RNE	Cedar	JACKSON	Less Than 5%	1.50	Partly Cloudy	Small Waves	S	Above Normal	6	16.00
RNE	Cedar	JACKSON	Less Than 5%	1.50	Partly Cloudy	Small Waves	S	Above Normal	6	16.00
RNE	Cedar	JACKSON	Less Than 5%	1.50	Partly Cloudy	Small Waves	S	Above Normal	6	16.00
RNE	Cedar	JACKSON	Less Than 5%	1.50	Partly Cloudy	Small Waves	S	Above Normal	6	16.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	5	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	5	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	5	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	5	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	5	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	5	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	5	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	NONE	Normal or Full	0	9.00
RNE	Cedar	JACKSON	Less Than 5%	1.00	Sunny	Small Waves	SW	Above Normal	12	1.00
RNE	Cedar	JACKSON	Less Than 5%	1.00	Sunny	Small Waves	SW	Above Normal	12	1.00
RNE	Cedar	JACKSON	Less Than 5%	1.00	Sunny	Small Waves	SW	Above Normal	12	1.00
RNE	Cedar	JACKSON	Less Than 5%	1.00	Sunny	Small Waves	SW	Above Normal	12	1.00
RNE	Cedar	JACKSON	Less Than 5%	1.00	Sunny	Small Waves	SW	Above Normal	12	1.00
RNE	Cedar	JACKSON	Less Than 5%	1.00	Sunny	Small Waves	SW	Above Normal	12	1.00
RNE	Cedar	JACKSON	Less Than 5%	1.00	Sunny	Small Waves	SW	Above Normal	12	1.00
RNE	Cedar	JACKSON	Less Than 5%	1.00	Sunny	Small Waves	SW	Above Normal	12	1.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	2	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	2	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	2	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	2	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	2	9.00

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RNE	Cedar	30-May-18	09:54	RNE-2	70	FALSE	FALSE	0	12	35.0
RNE	Cedar	30-May-18	09:20	RNE-3	69	FALSE	FALSE	0	13	20.0
RNE	Cedar	30-May-18	09:40	RNE-4	54	FALSE	FALSE	0	13	15.0
RNE	Cedar	30-May-18	10:45	RNE-5	70	FALSE	FALSE	0	12	39.0
RNE	Cedar	30-May-18	10:32	RNE-7	45	FALSE	FALSE	0	12	10.0
RNE	Cedar	30-May-18	11:00	RNE-9	58	FALSE	FALSE	0	13	10.0
RNE	Cedar	18-Jun-18	14:14	RNE-1	75	FALSE	FALSE	0	12	41.0
RNE	Cedar	18-Jun-18	14:23	RNE-2	78	FALSE	FALSE	0	13	34.0
RNE	Cedar	18-Jun-18	14:07	RNE-3	46	FALSE	FALSE	0	12	17.0
RNE	Cedar	18-Jun-18	13:36	RNE-4	44	FALSE	FALSE	0	13	13.5
RNE	Cedar	18-Jun-18	15:20	RNE-5	88	FALSE	FALSE	0	14	38.0
RNE	Cedar	18-Jun-18	15:04	RNE-7	64	FALSE	FALSE	0	13	10.0
RNE	Cedar	18-Jun-18	15:31	RNE-9	61	FALSE	FALSE	0	13	7.0
RNE	Cedar	25-Jul-18	13:26	RNE-1	35	FALSE	FALSE	0	13	41.5
RNE	Cedar	25-Jul-18	12:52	RNE-2	71	FALSE	FALSE	0	12	35.0
RNE	Cedar	25-Jul-18	12:15	RNE-3	60	FALSE	FALSE	0	13	18.0
RNE	Cedar	25-Jul-18	12:32	RNE-4	33	FALSE	FALSE	0	12	15.5
RNE	Cedar	25-Jul-18	11:36	RNE-5	47	FALSE	FALSE	0	13	44.0
RNE	Cedar	25-Jul-18	13:12	RNE-7	41	FALSE	FALSE	0	12	10.0
RNE	Cedar	25-Jul-18	13:42	RNE-9	36	FALSE	FALSE	0	12	10.0
RNE	Cedar	22-Aug-18	15:23	RNE-1	56	FALSE	FALSE	0	12	43.0
RNE	Cedar	22-Aug-18	15:00	RNE-2	60	FALSE	FALSE	0	12	33.0
RNE	Cedar	22-Aug-18	14:52	RNE-3	62	FALSE	FALSE	0	13	18.0
RNE	Cedar	22-Aug-18	14:34	RNE-4	43	FALSE	FALSE	0	13	14.5
RNE	Cedar	22-Aug-18	14:15	RNE-5	66	FALSE	FALSE	0	12	41.0
RNE	Cedar	22-Aug-18	15:38	RNE-7	51	FALSE	FALSE	0	12	9.5
RNE	Cedar	22-Aug-18	15:58	RNE-9	41	FALSE	FALSE	0	13	10.0
RNE	Cedar	28-Sep-18	11:14	RNE-1	50	FALSE	FALSE	0	13	44.5
RNE	Cedar	28-Sep-18	10:37	RNE-2	50	FALSE	FALSE	0	12	34.5
RNE	Cedar	28-Sep-18	10:21	RNE-3	41	FALSE	FALSE	0	12	21.0
RNE	Cedar	28-Sep-18	10:04	RNE-4	34	FALSE	FALSE	0	12	14.5
RNE	Cedar	28-Sep-18	11:35	RNE-5	61	FALSE	FALSE	0	13	39.5
RNE	Cedar	28-Sep-18	11:00	RNE-7	53	FALSE	FALSE	0	12	10.5
RNE	Cedar	28-Sep-18	11:49	RNE-9	48	FALSE	FALSE	0	13	10.0
RNE	Cedar	23-Oct-18	11:43	RNE-1	54	FALSE	FALSE	0	13	43.0
RNE	Cedar	23-Oct-18	11:59	RNE-2	50	FALSE	FALSE	0	13	35.0
RNE	Cedar	23-Oct-18	12:44	RNE-3	46	FALSE	FALSE	0	12	19.0
RNE	Cedar	23-Oct-18	12:18	RNE-4	50	FALSE	FALSE	0	12	15.0
RNE	Cedar	23-Oct-18	10:02	RNE-5	54	FALSE	FALSE	0	13	39.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	2	9.00
RNE	Cedar	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	2	9.00
RTI	Channel	LAKE	Less Than 5%	0.00	Sunny	No Selection	NONE	Above Normal	12	1.00
RTI	Channel	LAKE	Less Than 5%	0.00	Sunny	No Selection	NONE	Above Normal	12	1.00
RTI	Channel	LAKE	Less Than 5%	0.00	Sunny	No Selection	NONE	Above Normal	12	1.00
RTI	Channel	LAKE	Less Than 5%	0.00	Sunny	Small Waves	NONE	No Selection	0	2.00
RTI	Channel	LAKE	Less Than 5%	0.00	Sunny	Small Waves	NONE	No Selection	0	2.00
RTI	Channel	LAKE	Less Than 5%	0.00	Sunny	Small Waves	NONE	No Selection	0	2.00
RTI	Channel	LAKE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	NONE	Below Normal	6	2.00
RTI	Channel	LAKE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	NONE	Below Normal	6	2.00
RTI	Channel	LAKE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	NONE	Below Normal	6	2.00
RTI	Channel	LAKE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	SE	Normal or Full	0	2.00
RTI	Channel	LAKE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	SE	Normal or Full	0	2.00
RTI	Channel	LAKE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	SE	Normal or Full	0	2.00
RTI	Channel	LAKE	Less Than 5%	0.07	Overcast	Calm/Ripple	NE	Below Normal	4	3.00
RTI	Channel	LAKE	Less Than 5%	0.07	Overcast	Calm/Ripple	NE	Below Normal	4	3.00
RTI	Channel	LAKE	Less Than 5%	0.07	Overcast	Calm/Ripple	NE	Below Normal	4	3.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	2.5	2.50

Lake Code	Waterbody	Observations	Other Information	Management
RNE	Cedar			
RNE	Cedar			
RTI	Channel	Heavy rain last 7 days. Algae throughout water column		
RTI	Channel	Heavy rain last 7 days. Algae throughout water column		
RTI	Channel	Heavy rain last 7 days. Algae throughout water column		
RTI	Channel			
RTI	Channel			
RTI	Channel			
RTI	Channel			
RTI	Channel			
RTI	Channel			
RTI	Channel			
RTI	Channel			
RTI	Channel			
RTI	Channel			
RTI	Channel			
RGR	Charles		slight filamentous, ducks, 3 dead fish, turtle, slight spirogyra, 23 RR ties at far end of path, small fry	missing aerators at beach, Snabel-Kmak, site 1 and pier 1. 12 aerators on since 7 April. someone dumped concrete mix on the ES path. 7Apr2018: 58 oz Avast, compressors turned on but one is not functioning. 1-S:8.75pH,74.0F,1261ms,630ppm; 1-16:8.56ph,71.7F,1273ms,632ppm; 2-S:7.97pH,69.7F,1277ms,637ppm; 2-3:8.6pH,70.0F,1274ms,636ppm; 3-S:8.65pH,72.1F,1283ms,640ppm; 3-3:8.72pH,70.9F,1280ms,638ppm;

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RNE	Cedar	23-Oct-18	10:28	RNE-7	53	FALSE	FALSE	0	12	10.0
RNE	Cedar	23-Oct-18	10:12	RNE-9	51	FALSE	FALSE	0	12	11.0
RTI	Channel	24-Jun-18	12:55	RTI-1	120	FALSE	FALSE		12	37.5
RTI	Channel	24-Jun-18	12:40	RTI-2	109	FALSE	FALSE		12	25.0
RTI	Channel	24-Jun-18	12:25	RTI-3	110	FALSE	FALSE		12	17.5
RTI	Channel	03-Jun-18	10:37	RTI-1	124	FALSE	FALSE	0	13	37.0
RTI	Channel	03-Jun-18	10:46	RTI-2	115	FALSE	FALSE	0	12	24.0
RTI	Channel	03-Jun-18	10:52	RTI-3	113	FALSE	FALSE	0	12	16.5
RTI	Channel	05-Aug-18	11:25	RTI-1	30	FALSE	FALSE	0	11	35.0
RTI	Channel	05-Aug-18	11:07	RTI-2	32	FALSE	FALSE	0	11	25.0
RTI	Channel	05-Aug-18	10:42	RTI-3	36	FALSE	FALSE	0	11	18.0
RTI	Channel	05-Jul-18	08:20	RTI-1	65	FALSE	FALSE	-1	12	18.0
RTI	Channel	05-Jul-18	08:42	RTI-2	48	FALSE	FALSE	-1	12	25.0
RTI	Channel	05-Jul-18	08:58	RTI-3	53	FALSE	FALSE	-1	12	35.0
RTI	Channel	30-Sep-18	17:05	RTI-1	54	FALSE	FALSE	0	12	35.0
RTI	Channel	30-Sep-18	17:19	RTI-2	60	FALSE	FALSE	0	12	22.0
RTI	Channel	30-Sep-18	17:29	RTI-3	57	FALSE	FALSE	0	12	19.0
RGR	Charles	08-May-18	12:16	RGR-1	39	FALSE	FALSE	0	12	17.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGR	Charles	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	2.5	2.50
RGR	Charles	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	2.5	2.50
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	1.25	2.50
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	1.25	2.50

Lake Code	Waterbody	Observations	Other Information	Management
RGR	Charles		slight filamentous, ducks, 3 dead fish, turtle, slight spirogyra, 23 RR ties at far end of path, small fry	missing aerators at beach, Shabel-Kmak, site 1 and pier 1. 12 aerators on since 7 April. someone dumped concrete mix on the ES path. 7Apr2018: 58 oz Avast, compressors turned on but one is not functioning. 1-S:8.75pH,74.0F,1261ms,630ppm; 1-16:8.56ph,71.7F,1273ms,632ppm; 2-S:7.97pH,69.7F,1277ms,637ppm; 2-3:8.6pH,70.0F,1274ms,636ppm; 3-S:8.65pH,72.1F,1283ms,640ppm; 3-3:8.72pH,70.9F,1280ms,638ppm;
RGR	Charles		slight filamentous, ducks, 3 dead fish, turtle, slight spirogyra, 23 RR ties at far end of path, small fry	missing aerators at beach, Shabel-Kmak, site 1 and pier 1. 12 aerators on since 7 April. someone dumped concrete mix on the ES path. 7Apr2018: 58 oz Avast, compressors turned on but one is not functioning. 1-S:8.75pH,74.0F,1261ms,630ppm; 1-16:8.56ph,71.7F,1273ms,632ppm; 2-S:7.97pH,69.7F,1277ms,637ppm; 2-3:8.6pH,70.0F,1274ms,636ppm; 3-S:8.65pH,72.1F,1283ms,640ppm; 3-3:8.72pH,70.9F,1280ms,638ppm;
RGR	Charles		dragon flies, slight spirogyra, terns, mallards, 2 GB Heron, cattail, burreed, little bluestem, small fry, turkey vulture, purple loosestrife, paddleboat sinking in large inlet, scum, water iris, waterwillow, pickerel	aerators off at beach, shabel-Kmak, site 1, site 1S, pier 1; aerator weak at Geraci-Ricciardi; 29 May: DO=5.6, 80F, 5 gal cutrine plus; 12 June: DO=7.0, 70F, 2 gal cutrine
RGR	Charles		dragon flies, slight spirogyra, terns, mallards, 2 GB Heron, cattail, burreed, little bluestem, small fry, turkey vulture, purple loosestrife, paddleboat sinking in large inlet, scum, water iris, waterwillow, pickerel	aerators off at beach, shabel-Kmak, site 1, site 1S, pier 1; aerator weak at Geraci-Ricciardi; 29 May: DO=5.6, 80F, 5 gal cutrine plus; 12 June: DO=7.0, 70F, 2 gal cutrine

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGR	Charles	08-May-18	10:59	RGR-2	38	FALSE	FALSE	0	12	5.5
RGR	Charles	08-May-18	11:33	RGR-3	34	FALSE	FALSE	0	12	5.0
RGR	Charles	15-Jun-18	14:41	RGR-1	32	FALSE	FALSE	0	12	5.0
RGR	Charles	15-Jun-18	14:06	RGR-2	32	FALSE	FALSE	0	13	6.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	1.25	2.50
RGR	Charles	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	1.5	6.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	1.5	6.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	1.5	6.00

Lake Code	Waterbody	Observations	Other Information	Management
RGR	Charles		dragon flies, slight spirogyra, terns, mallards, 2 GB Heron, cattail, burreed, little bluestem, small fry, turkey vulture, purple loosestrife, paddleboat sinking in large inlet, scum, water iris, waterwillow, pickerel	aerators off at beach, shabel-Kmak, site 1, site 1S, pier 1; aerator weak at Geraci-Ricciardi; 29 May: DO=5.6, 80F, 5 gal cutrine plus; 12 June: DO=7.0, 70F, 2 gal cutrine
RGR	Charles	GB Heron, slight filamentous, spirogyra, terns, pickerel, waterwillow, snails		missing aerators at Kmak-Shabel, site1, site1s, pier2, beach. 11 aerators on. 26Jun22018:DO-6.8, 75F, 5 gals cutrine; 1-S:8.89pH,81.2F,563ms,282ppm; 1-17:7.44pH,69.7F,766ms,385ppm; 2-S:8.71pH,564ms,282ppm; 2-4:8.79pH,558ms,280ppm; 3-S:8.83pH,80.8F,577ms,290ppm; 3-3:8.89pH,569ms,286ppm;
RGR	Charles	GB Heron, slight filamentous, spirogyra, terns, pickerel, waterwillow, snails		missing aerators at Kmak-Shabel, site1, site1s, pier2, beach. 11 aerators on. 26Jun22018:DO-6.8, 75F, 5 gals cutrine; 1-S:8.89pH,81.2F,563ms,282ppm; 1-17:7.44pH,69.7F,766ms,385ppm; 2-S:8.71pH,564ms,282ppm; 2-4:8.79pH,558ms,280ppm; 3-S:8.83pH,80.8F,577ms,290ppm; 3-3:8.89pH,569ms,286ppm;
RGR	Charles	GB Heron, slight filamentous, spirogyra, terns, pickerel, waterwillow, snails		missing aerators at Kmak-Shabel, site1, site1s, pier2, beach. 11 aerators on. 26Jun22018:DO-6.8, 75F, 5 gals cutrine; 1-S:8.89pH,81.2F,563ms,282ppm; 1-17:7.44pH,69.7F,766ms,385ppm; 2-S:8.71pH,564ms,282ppm; 2-4:8.79pH,558ms,280ppm; 3-S:8.83pH,80.8F,577ms,290ppm; 3-3:8.89pH,569ms,286ppm;

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGR	Charles	15-Jun-18	15:24	RGR-3	32	FALSE	FALSE	0	12	19.5
RGR	Charles	09-Jul-18	10:41	RGR-1	27	FALSE	FALSE	0	12	19.0
RGR	Charles	09-Jul-18	11:21	RGR-2	28	FALSE	FALSE	0	12	5.0
RGR	Charles	09-Jul-18	10:19	RGR-3	27	FALSE	FALSE	0	12	6.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGR	Charles	DU PAGE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	E	Below Normal	1.5	3.00
RGR	Charles	DU PAGE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	E	Below Normal	1.5	3.00
RGR	Charles	DU PAGE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	E	Below Normal	1.5	3.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	1.75	4.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	1.75	4.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	1.75	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RGR	Charles		bull rush, cattail, tern,chara, slight filamentous, Boat #124 is sinking at large inlet, outlet grate is collapsing, waterwillow, water iris	1May2018: DO=9.1 no treatment; 15May2018:DO=9.5, no treatment; 10 aerators on; 1- S:8.85pH,81.2F,971ms,484ppm; 1- 17:7.86pH,68.6F,905ms,452ppm; 2- S:8.39pH,77.7F,962ms,481ppm; 2- 3:8.49pH,78.6F,960ms,480ppm; 3- S:8.60pH,78.2F,969ms,492ppm; 3- 3:8.65pH,78.7F,964ms,482ppm:
RGR	Charles		bull rush, cattail, tern,chara, slight filamentous, Boat #124 is sinking at large inlet, outlet grate is collapsing, waterwillow, water iris	1May2018: DO=9.1 no treatment; 15May2018:DO=9.5, no treatment; 10 aerators on; 1- S:8.85pH,81.2F,971ms,484ppm; 1- 17:7.86pH,68.6F,905ms,452ppm; 2- S:8.39pH,77.7F,962ms,481ppm; 2- 3:8.49pH,78.6F,960ms,480ppm; 3- S:8.60pH,78.2F,969ms,492ppm; 3- 3:8.65pH,78.7F,964ms,482ppm:
RGR	Charles		bull rush, cattail, tern,chara, slight filamentous, Boat #124 is sinking at large inlet, outlet grate is collapsing, waterwillow, water iris	1May2018: DO=9.1 no treatment; 15May2018:DO=9.5, no treatment; 10 aerators on; 1- S:8.85pH,81.2F,971ms,484ppm; 1- 17:7.86pH,68.6F,905ms,452ppm; 2- S:8.39pH,77.7F,962ms,481ppm; 2- 3:8.49pH,78.6F,960ms,480ppm; 3- S:8.60pH,78.2F,969ms,492ppm; 3- 3:8.65pH,78.7F,964ms,482ppm:
RGR	Charles		waterwillow, bullrush, cattail, pickerel, slight algae, sago pondweed, GB heron, ducks, geese, egret, tern, snails, giant floaters	10July2018:DO=7.8,85F,4 gal cutrine; 14 aerators on; missing aerators at site1S and pier2
RGR	Charles		waterwillow, bullrush, cattail, pickerel, slight algae, sago pondweed, GB heron, ducks, geese, egret, tern, snails, giant floaters	10July2018:DO=7.8,85F,4 gal cutrine; 14 aerators on; missing aerators at site1S and pier2
RGR	Charles		waterwillow, bullrush, cattail, pickerel, slight algae, sago pondweed, GB heron, ducks, geese, egret, tern, snails, giant floaters	10July2018:DO=7.8,85F,4 gal cutrine; 14 aerators on; missing aerators at site1S and pier2

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGR	Charles	28-May-18	11:25	RGR-1	45	FALSE	FALSE	0	12	19.5
RGR	Charles	28-May-18	10:15	RGR-2	51	FALSE	FALSE	0	12	5.0
RGR	Charles	28-May-18	10:44	RGR-3	48	FALSE	FALSE	0	12	5.0
RGR	Charles	24-Jul-18	11:31	RGR-1	30	FALSE	FALSE	0	12	18.5
RGR	Charles	24-Jul-18	10:15	RGR-2	30	FALSE	FALSE	0	12	5.5
RGR	Charles	24-Jul-18	10:41	RGR-3	29	FALSE	FALSE	0	12	5.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGR	Charles	DU PAGE	Less Than 5%	0.00	Hazy	Calm/Ripple	SW	Below Normal	3.25	3.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Hazy	Calm/Ripple	SW	Below Normal	3.25	3.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Hazy	Calm/Ripple	SW	Below Normal	3.25	3.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Hazy	Small Waves	W	Below Normal	2.5	3.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Hazy	Small Waves	W	Below Normal	2.5	3.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Hazy	Small Waves	W	Below Normal	2.5	3.00

Lake Code	Waterbody	Observations	Other Information	Management
RGR	Charles	herons, terns, ducks,	sago, waterwillow, pickerel, water iris, bullrush	15 aerators running. 16th was restarted after monitoring. 7Aug2018: DO=9.8, 83F, 8 gals cutrine; 21Aug2018: DO=7.9, 78F, no treatment
RGR	Charles	herons, terns, ducks,	sago, waterwillow, pickerel, water iris, bullrush	15 aerators running. 16th was restarted after monitoring. 7Aug2018: DO=9.8, 83F, 8 gals cutrine; 21Aug2018: DO=7.9, 78F, no treatment
RGR	Charles	herons, terns, ducks,	sago, waterwillow, pickerel, water iris, bullrush	15 aerators running. 16th was restarted after monitoring. 7Aug2018: DO=9.8, 83F, 8 gals cutrine; 21Aug2018: DO=7.9, 78F, no treatment
RGR	Charles		bull rush, cattail, little bluestem, waterwillow, pickerel, water iris, oily sheen at large inlet, ducks, GB heron, snails, slight filamentous	21 Aug 2018: DO=7.9, 78F, no treatment. 1-S:9.19pH,78.6F,531ms,265ppm; 1-17:8.14pH,74.3F,536ms,267ppm; 2-S:9.47pH,77.1F,525ms,263ppm; 2-4:9.22pH,77.8F,531ms,265ppm; 3-S:9.10pH,78.5F,531ms,267ppm; 3-3:9.07pH,78.0F,532ms,265ppm:
RGR	Charles		bull rush, cattail, little bluestem, waterwillow, pickerel, water iris, oily sheen at large inlet, ducks, GB heron, snails, slight filamentous	21 Aug 2018: DO=7.9, 78F, no treatment. 1-S:9.19pH,78.6F,531ms,265ppm; 1-17:8.14pH,74.3F,536ms,267ppm; 2-S:9.47pH,77.1F,525ms,263ppm; 2-4:9.22pH,77.8F,531ms,265ppm; 3-S:9.10pH,78.5F,531ms,267ppm; 3-3:9.07pH,78.0F,532ms,265ppm:
RGR	Charles		bull rush, cattail, little bluestem, waterwillow, pickerel, water iris, oily sheen at large inlet, ducks, GB heron, snails, slight filamentous	21 Aug 2018: DO=7.9, 78F, no treatment. 1-S:9.19pH,78.6F,531ms,265ppm; 1-17:8.14pH,74.3F,536ms,267ppm; 2-S:9.47pH,77.1F,525ms,263ppm; 2-4:9.22pH,77.8F,531ms,265ppm; 3-S:9.10pH,78.5F,531ms,267ppm; 3-3:9.07pH,78.0F,532ms,265ppm:

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGR	Charles	14-Aug-18	11:02	RGR-1	34	FALSE	FALSE	0	12	19.0
RGR	Charles	14-Aug-18	10:15	RGR-2	36	FALSE	FALSE	0	12	5.5
RGR	Charles	14-Aug-18	10:39	RGR-3	32	FALSE	FALSE	0	12	5.0
RGR	Charles	27-Aug-18	11:15	RGR-1	26	FALSE	FALSE	0	12	19.5
RGR	Charles	27-Aug-18	10:04	RGR-2	26	FALSE	FALSE	0	12	5.5
RGR	Charles	27-Aug-18	10:24	RGR-3	28	FALSE	FALSE	0	12	5.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Below Normal	1.5	4.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Below Normal	1.5	4.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Below Normal	1.5	4.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	3.5	3.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	3.5	3.00

Lake Code	Waterbody	Observations	Other Information	Management
RGR	Charles		geese, ducks, GB heron, egret, bullrush, cattail, waterwillow, little bluestem, slight filamentous, dead 17" striped bass, pickerel, water iris, water smart weed, leafy pondweed, oil sheen in west bay	15 aerators on, missing one near site 1; 4Sept2018: DO=9.3, 76F, no treatment
RGR	Charles		geese, ducks, GB heron, egret, bullrush, cattail, waterwillow, little bluestem, slight filamentous, dead 17" striped bass, pickerel, water iris, water smart weed, leafy pondweed, oil sheen in west bay	15 aerators on, missing one near site 1; 4Sept2018: DO=9.3, 76F, no treatment
RGR	Charles		geese, ducks, GB heron, egret, bullrush, cattail, waterwillow, little bluestem, slight filamentous, dead 17" striped bass, pickerel, water iris, water smart weed, leafy pondweed, oil sheen in west bay	15 aerators on, missing one near site 1; 4Sept2018: DO=9.3, 76F, no treatment
RGR	Charles	very dry - .3" in past 18 days;	ducks, bulrush, cattail, geese, leafy pondweed, sedge, sago	1-S:8.19pH,71.5F,505ms,253ppm; 1-17:8.29pH,505ms,253ppm; 2-S:8.05pH,70.3F,512ms,255ppm; 2-4:8.05pH,70.5F,503ms,252ppm; 3-S:8.12pH,70.4F,508ms,253ppm; 3-3:8.15pH,507ms,254ppm; 19Sept2018:DO=8.6,73F,10 gal cutrine
RGR	Charles	very dry - .3" in past 18 days;	ducks, bulrush, cattail, geese, leafy pondweed, sedge, sago	1-S:8.19pH,71.5F,505ms,253ppm; 1-17:8.29pH,505ms,253ppm; 2-S:8.05pH,70.3F,512ms,255ppm; 2-4:8.05pH,70.5F,503ms,252ppm; 3-S:8.12pH,70.4F,508ms,253ppm; 3-3:8.15pH,507ms,254ppm; 19Sept2018:DO=8.6,73F,10 gal cutrine

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGR	Charles	10-Sep-18	12:35	RGR-1	30	FALSE	FALSE	0	12	19.5
RGR	Charles	10-Sep-18	11:19	RGR-2	28	FALSE	FALSE	0	12	6.5
RGR	Charles	10-Sep-18	11:48	RGR-3	31	FALSE	FALSE	0	12	5.5
RGR	Charles	22-Sep-18	11:08	RGR-1	34	FALSE	FALSE	0	12	19.0
RGR	Charles	22-Sep-18	10:14	RGR-2	37	FALSE	FALSE	0	12	5.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGR	Charles	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	3.5	3.00
RGR	Charles	DU PAGE	Less Than 5%	0.80	Partly Cloudy	Small Waves	W	Above Normal	6	6.00
RGR	Charles	DU PAGE	Less Than 5%	0.80	Partly Cloudy	Small Waves	W	Above Normal	6	6.00
RGR	Charles	DU PAGE	Less Than 5%	0.80	Partly Cloudy	Small Waves	W	Above Normal	6	6.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	No Selection	W	Below Normal	2.75	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RGR	Charles	very dry - .3" in past 18 days;	ducks, bulrush, cattail, geese, leafy pondweed, sedge, sago	1-S:8.19pH,71.5F,505ms,253ppm; 1-17:8.29pH,505ms,253ppm; 2-S:8.05pH,70.3F,512ms,255ppm; 2-4:8.05pH,70.5F,503ms,252ppm; 3-S:8.12pH,70.4F,508ms,253ppm; 3-3:8.15pH,507ms,254ppm; 19Sept2018:DO=8.6,73F,10 gal cutrine
RGR	Charles	about 4" rain since October 1	geese, GB heron, waterwillow, bulrush, pickerel, water iris	16 aerators on; 1-S:8.05pH,68.6F,430ms,216ppm; 1-17:8.02pH,66.1F,430ms,214ppm; 2-S:7.85pH,64.0F,450ms,223ppm; 2-4:7.88pH,64.8F,436ms,219ppm; 3-S:7.92pH,65.6F,412ms,206ppm; 3-4:7.90pH,64.3F,424ms,212ppm
RGR	Charles	about 4" rain since October 1	geese, GB heron, waterwillow, bulrush, pickerel, water iris	16 aerators on; 1-S:8.05pH,68.6F,430ms,216ppm; 1-17:8.02pH,66.1F,430ms,214ppm; 2-S:7.85pH,64.0F,450ms,223ppm; 2-4:7.88pH,64.8F,436ms,219ppm; 3-S:7.92pH,65.6F,412ms,206ppm; 3-4:7.90pH,64.3F,424ms,212ppm
RGR	Charles	about 4" rain since October 1	geese, GB heron, waterwillow, bulrush, pickerel, water iris	16 aerators on; 1-S:8.05pH,68.6F,430ms,216ppm; 1-17:8.02pH,66.1F,430ms,214ppm; 2-S:7.85pH,64.0F,450ms,223ppm; 2-4:7.88pH,64.8F,436ms,219ppm; 3-S:7.92pH,65.6F,412ms,206ppm; 3-4:7.90pH,64.3F,424ms,212ppm
RGR	Charles		cattail, bulrush, slight filamentous, geese, GB Heron	aerators were turned off 17 October 2018; 1-S:9.06pH,49.6F,491ms,246ppm; 1-18:9.04pH,48.2F,493ms,247ppm; 2-S:8.56pH,50.5F,495ms,246ppm; 2-5:8.70pH,49.4F,488ms,246ppm; 3-S:9.11pH,49.3F,497ms,249ppm; 3-4:9.11pH,49.5F,495ms,246ppm;

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGR	Charles	22-Sep-18	10:35	RGR-3	40	FALSE	FALSE	0	12	5.0
RGR	Charles	08-Oct-18	11:55	RGR-1	38	FALSE	FALSE	0	12	19.0
RGR	Charles	08-Oct-18	11:00	RGR-2	40	FALSE	FALSE	0	12	7.0
RGR	Charles	08-Oct-18	11:25	RGR-3	35	FALSE	FALSE	0	12	6.0
RGR	Charles	22-Oct-18	12:41	RGR-1	52	FALSE	FALSE	0	12	18.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	No Selection	W	Below Normal	2.75	4.00
RGR	Charles	DU PAGE	Less Than 5%	0.00	Partly Cloudy	No Selection	W	Below Normal	2.75	4.00
RGR	Charles	DU PAGE	Less Than 5%	0.50	Overcast	Calm/Ripple	S	Above Normal	0.5	3.00
RGR	Charles	DU PAGE	Less Than 5%	0.50	Overcast	Calm/Ripple	S	Above Normal	0.5	3.00

Lake Code	Waterbody	Observations	Other Information	Management
RGR	Charles		cattail, bulrush, slight filamentous, geese, GB Heron	aerators were turned off 17 October 2018; 1-S:9.06pH,49.6F,491ms,246ppm; 1-18:9.04pH,48.2F,493ms,247ppm; 2-S:8.56pH,50.5F,495ms,246ppm; 2-5:8.70pH,49.4F,488ms,246ppm; 3-S:9.11pH,49.3F,497ms,249ppm; 3-4:9.11pH,49.5F,495ms,246ppm;
RGR	Charles		cattail, bulrush, slight filamentous, geese, GB Heron	aerators were turned off 17 October 2018; 1-S:9.06pH,49.6F,491ms,246ppm; 1-18:9.04pH,48.2F,493ms,247ppm; 2-S:8.56pH,50.5F,495ms,246ppm; 2-5:8.70pH,49.4F,488ms,246ppm; 3-S:9.11pH,49.3F,497ms,249ppm; 3-4:9.11pH,49.5F,495ms,246ppm;
RGR	Charles		Slight spirogyra, little bluestem, scum, purple loosestrife, mallards, terns, great blue heron, dragonflies, waterwillow, pickerel plant, smartweed.	Aerators off at beach, Shabel-Kmak, Site 1. 1-S: 6.3mg/L DO,79.1F,8.29pH,675ms,337ppm; 1-17: 0.1mg/L DO,70.1F,7.32pH,868ms,432ppm; 2-S: 6.6mg/L DO,78.1F,7.91pH,681ms,340ppm; 3-S: 7.2mg/L DO 78.8F 8.23pH 679ms 339ppm
RGR	Charles		Slight spirogyra, little bluestem, scum, purple loosestrife, mallards, terns, great blue heron, dragonflies, waterwillow, pickerel plant, smartweed.	Aerators off at beach, Shabel-Kmak, Site 1. 1-S: 6.3mg/L DO,79.1F,8.29pH,675ms,337ppm; 1-17: 0.1mg/L DO,70.1F,7.32pH,868ms,432ppm; 2-S: 6.6mg/L DO,78.1F,7.91pH,681ms,340ppm; 3-S: 7.2mg/L DO 78.8F 8.23pH 679ms 339ppm

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGR	Charles	22-Oct-18	12:19	RGR-2	50	FALSE	FALSE	0	12	6.5
RGR	Charles	22-Oct-18	13:05	RGR-3	50	FALSE	FALSE	0	12	5.0
RGR	Charles	20-Jun-18	12:06	RGR-1	39	FALSE	FALSE	0	12	19.0
RGR	Charles	20-Jun-18	11:17	RGR-2	41	FALSE	FALSE	0	12	5.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGR	Charles	DU PAGE	Less Than 5%	0.50	Overcast	Calm/Ripple	S	Above Normal	0.5	3.00
VTZ	Charlotte	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Above Normal	1	4.00
VTZ	Charlotte	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Above Normal	1	4.00
VTZ	Charlotte	KANE	Less Than 5%	0.03	Partly Cloudy	Calm/Ripple	SW	Below Normal	2	2.00
VTZ	Charlotte	KANE	Less Than 5%	0.03	Partly Cloudy	Calm/Ripple	SW	Below Normal	2	2.00
VTZ	Charlotte	KANE	Less Than 5%	1.07	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00
VTZ	Charlotte	KANE	Less Than 5%	1.07	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00
VTZ	Charlotte	KANE	Less Than 5%	0.35	Overcast	Calm/Ripple	NE	Below Normal	2	2.00
VTZ	Charlotte	KANE	Less Than 5%	0.35	Overcast	Calm/Ripple	NE	Below Normal	2	2.00

Lake Code	Waterbody	Observations	Other Information	Management
				Aerators off at beach, Shabel-Kmak, Site 1.
RGR	Charles		Slight spirogyra, little bluestem, scum, purple loosestrife, mallards, terns, great blue heron, dragonflies, waterwillow, pickerel plant, smartweed.	1-S: 6.3mg/L DO,79.1F,8.29pH,675ms,337ppm; 1-17: 0.1mg/L DO,70.1F,7.32pH,868ms,432ppm; 2-S: 6.6mg/L DO,78.1F,7.91pH,681ms,340ppm; 3-S: 7.2mg/L DO 78.8F 8.23pH 679ms 339ppm
VTZ	Charlotte		Cottonwood pollen on lake surface, algae clumps on surface, recreation - people swimming yesterday, unusually hot today	Stocked crappie, bluegill, redeared sunfish and bait minnows in both lakes first week of May
VTZ	Charlotte		Cottonwood pollen on lake surface, algae clumps on surface, recreation - people swimming yesterday, unusually hot today	Stocked crappie, bluegill, redeared sunfish and bait minnows in both lakes first week of May
VTZ	Charlotte		Recreational activity - boating & swimming; Hot weather (95)	None
VTZ	Charlotte		Recreational activity - boating & swimming; Hot weather (95)	None
VTZ	Charlotte	Heavy rain last week	Algae clumps appear to be dissapating. Cottonwood pollen on lake surface	none; DO probe is not working so could not take DO/Temp readings
VTZ	Charlotte	Heavy rain last week	Algae clumps appear to be dissapating. Cottonwood pollen on lake surface	none; DO probe is not working so could not take DO/Temp readings
VTZ	Charlotte	Algae clumps on lake - not significant. However, more algae this year than last	none	None
VTZ	Charlotte	Algae clumps on lake - not significant. However, more algae this year than last	none	None

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGR	Charles	20-Jun-18	11:37	RGR-3	36	FALSE	FALSE	0	12	5.0
VTZ	Charlotte	28-May-18	10:25	VTZ-1	127	FALSE	FALSE	0	17	12.0
VTZ	Charlotte	28-May-18	11:00	VTZ-2	50	TRUE	FALSE	0	17	4.0
VTZ	Charlotte	17-Jun-18	01:00	VTZ-1	78	FALSE	FALSE	0	17	12.0
VTZ	Charlotte	17-Jun-18	10:35	VTZ-2	46	TRUE	FALSE	0	17	4.0
VTZ	Charlotte	24-Jun-18	10:10	VTZ-1	131	FALSE	FALSE	0	17	12.0
VTZ	Charlotte	24-Jun-18	10:25	VTZ-2	50	TRUE	FALSE	0	17	4.0
VTZ	Charlotte	22-Jul-18	10:45	VTZ-1	113	FALSE	FALSE	0	17	11.5
VTZ	Charlotte	22-Jul-18	11:15	VTZ-2	50	TRUE	FALSE	0	17	4.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VTZ	Charlotte	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	4	2.00
VTZ	Charlotte	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	4	2.00
VTZ	Charlotte	KANE	Less Than 5%	0.14	Sunny	Calm/Ripple	W	Below Normal	2	2.00
VTZ	Charlotte	KANE	Less Than 5%	0.14	Sunny	Calm/Ripple	W	Below Normal	2	2.00
VTZ	Charlotte	KANE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NW	Below Normal	2	1.50
VTZ	Charlotte	KANE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NW	Below Normal	2	1.50
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	NONE	Below Normal	2	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	NONE	Below Normal	2	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	NONE	Below Normal	2	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	S	Below Normal	6	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	S	Below Normal	6	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	S	Below Normal	6	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
VTZ	Charlotte		Small clumps of algae still on lake lake surface. Recreational activities (swimming, boating) all week. Spotted 3 Monarch Butterfly caterpillars on milkweed on shoreline	Neighbor added chemicals to the lake about 1 1/2 weeks ago. Not sure what chemicals, but assume copper sulfate.
VTZ	Charlotte		Small clumps of algae still on lake lake surface. Recreational activities (swimming, boating) all week. Spotted 3 Monarch Butterfly caterpillars on milkweed on shoreline	Neighbor added chemicals to the lake about 1 1/2 weeks ago. Not sure what chemicals, but assume copper sulfate.
VTZ	Charlotte		Floating algae (small clumps); Have see a few geese on lake for brief periods; 10+ mallard hens on lake	None
VTZ	Charlotte		Floating algae (small clumps); Have see a few geese on lake for brief periods; 10+ mallard hens on lake	None
VTZ	Charlotte		Pollen on lake; Recreational activities over weekend (boating, swimming, fishing); mallard ducks on lake most days	none
VTZ	Charlotte		Pollen on lake; Recreational activities over weekend (boating, swimming, fishing); mallard ducks on lake most days	none
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua	Localized bloom in small cove, none in main lake. Has no odor.		
SNA	Chautauqua	Localized bloom in small cove, none in main lake. Has no odor.		
SNA	Chautauqua	Localized bloom in small cove, none in main lake. Has no odor.		
SNA	Chautauqua			

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VTZ	Charlotte	12-Aug-18	10:15	VTZ-1	113	FALSE	FALSE	0	17	11.5
VTZ	Charlotte	12-Aug-18	03:00	VTZ-2	52	TRUE	FALSE	0	17	4.0
VTZ	Charlotte	26-Aug-18	10:15	VTZ-1	92	FALSE	FALSE	0	17	12.0
VTZ	Charlotte	26-Aug-18	10:45	VTZ-2	58	TRUE	FALSE	0	17	5.0
VTZ	Charlotte	16-Sep-18	10:15	VTZ-1	107	FALSE	FALSE	0	17	12.0
VTZ	Charlotte	16-Sep-18	10:45	VTZ-2	47	FALSE	FALSE	0	17	4.0
SNA	Chautauqua	13-May-18	14:20	SNA-1	27	FALSE	FALSE	0	12	23.0
SNA	Chautauqua	13-May-18	14:10	SNA-2	21	FALSE	FALSE	0	12	20.0
SNA	Chautauqua	13-May-18	14:00	SNA-3	14	FALSE	FALSE	0	12	1.5
SNA	Chautauqua	27-May-18	14:30	SNA-1	34	FALSE	FALSE	1	12	13.0
SNA	Chautauqua	27-May-18	14:40	SNA-2	27	FALSE	FALSE	0	12	15.0
SNA	Chautauqua	27-May-18	14:50	SNA-3	14	TRUE	FALSE	0	12	1.0
SNA	Chautauqua	23-Jun-18	15:20	SNA-1	26	FALSE	FALSE	0	12	17.0
SNA	Chautauqua	23-Jun-18	15:10	SNA-2	24	FALSE	FALSE	0	12	16.0
SNA	Chautauqua	23-Jun-18	15:00	SNA-3	16	TRUE	FALSE	3	12	1.5
SNA	Chautauqua	10-Jun-18	13:40	SNA-1	27	FALSE	FALSE	0	12	18.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Above Normal	3	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Above Normal	3	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Above Normal	3	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	1.00	No Selection	No Selection	NONE	Below Normal	12	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	1.00	No Selection	No Selection	NONE	Below Normal	12	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	1.00	No Selection	No Selection	NONE	Below Normal	12	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.50	Overcast	Calm/Ripple	NONE	Below Normal	5	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.50	Overcast	Calm/Ripple	NONE	Below Normal	5	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.50	Overcast	Calm/Ripple	NONE	Below Normal	5	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	N	Below Normal	6	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	N	Below Normal	6	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	No Selection	N	Below Normal	6	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Sunny	No Selection	S	Above Normal	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Sunny	No Selection	S	Above Normal	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Sunny	No Selection	S	Above Normal	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	3	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	3	2.00
SNA	Chautauqua	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	3	2.00
RHJA	Chicago Botanic Garden	COOK	5% To 25%	0.00	Sunny	Small Waves	NE	Normal or Full	0	4.00
RHJA	Chicago Botanic Garden	COOK	5% To 25%	0.00	Sunny	Small Waves	NE	Normal or Full	0	4.00
RHJA	Chicago Botanic Garden	COOK	5% To 25%	0.00	Sunny	Small Waves	NE	Normal or Full	0	4.00
RHJA	Chicago Botanic Garden	COOK	5% To 25%	0.25	Sunny	Small Waves	NE	Normal or Full	0	4.00
RHJA	Chicago Botanic Garden	COOK	5% To 25%	0.25	Sunny	Small Waves	NE	Normal or Full	0	4.00
RHJA	Chicago Botanic Garden	COOK	5% To 25%	0.25	Sunny	Small Waves	NE	Normal or Full	0	4.00
RGQ	Countryside	LAKE	51% To 70%	0.75	Sunny	Calm/Ripple	NW	Above Normal	0	3.00

Lake Code	Waterbody	Observations	Other Information	Management
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua		No B.G algae seen; water temp cooler	Lake was shocked yesterday by SIU Fisheries for fish count
SNA	Chautauqua		No B.G algae seen; water temp cooler	Lake was shocked yesterday by SIU Fisheries for fish count
SNA	Chautauqua		No B.G algae seen; water temp cooler	Lake was shocked yesterday by SIU Fisheries for fish count
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua			
SNA	Chautauqua		some cyanobacteria in water column but no clumps	
SNA	Chautauqua		some cyanobacteria in water column but no clumps	
SNA	Chautauqua		some cyanobacteria in water column but no clumps	
RHJA	Chicago Botanic Garden			
RHJA	Chicago Botanic Garden			
RHJA	Chicago Botanic Garden			
RHJA	Chicago Botanic Garden			
RHJA	Chicago Botanic Garden			
RHJA	Chicago Botanic Garden			
RGQ	Countryside	Lot of Rain and not to many weeds		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
SNA	Chautauqua	10-Jun-18	13:50	SNA-2	27	FALSE	FALSE	0	12	15.0
SNA	Chautauqua	10-Jun-18	13:15	SNA-3	18	TRUE	FALSE	1	12	1.5
SNA	Chautauqua	04-Jul-18	13:50	SNA-1	34	FALSE	FALSE	-1	12	16.0
SNA	Chautauqua	04-Jul-18	13:40	SNA-2	32	FALSE	FALSE	-1	12	18.0
SNA	Chautauqua	04-Jul-18	13:20	SNA-3	16	TRUE	FALSE	-1	12	1.5
SNA	Chautauqua	28-Jul-18	15:20	SNA-1	20	FALSE	FALSE	0	12	17.0
SNA	Chautauqua	28-Jul-18	15:10	SNA-2	18	FALSE	FALSE	0	12	15.0
SNA	Chautauqua	28-Jul-18	15:00	SNA-3	11	TRUE	FALSE	1	12	1.0
SNA	Chautauqua	19-Aug-18	15:20	SNA-1	21	FALSE	FALSE	1	12	17.0
SNA	Chautauqua	19-Aug-18	15:10	SNA-2	21	FALSE	FALSE	0	12	15.0
SNA	Chautauqua	19-Aug-18	15:00	SNA-3	14	TRUE	FALSE	2	12	1.0
SNA	Chautauqua	11-Aug-18	15:20	SNA-1	18	FALSE	FALSE	0	12	17.0
SNA	Chautauqua	11-Aug-18	15:10	SNA-2	18	FALSE	FALSE	0	12	12.0
SNA	Chautauqua	11-Aug-18	15:00	SNA-3	14	TRUE	FALSE	1	12	1.0
SNA	Chautauqua	05-Sep-18	15:40	SNA-1	18	FALSE	FALSE	0	12	19.0
SNA	Chautauqua	05-Sep-18	15:30	SNA-2	18	FALSE	FALSE	0	12	16.0
SNA	Chautauqua	05-Sep-18	15:20	SNA-3	18	TRUE	FALSE	1	12	1.5
SNA	Chautauqua	30-Sep-18	14:50	SNA-1	21	FALSE	FALSE	0	12	17.0
SNA	Chautauqua	30-Sep-18	14:40	SNA-2	18	FALSE	FALSE	0	12	15.0
SNA	Chautauqua	30-Sep-18	14:30	SNA-3	13	FALSE	FALSE	0	12	1.5
SNA	Chautauqua	09-Oct-18	14:20	SNA-1	21	FALSE	FALSE	0	12	19.0
SNA	Chautauqua	09-Oct-18	14:10	SNA-2	20	FALSE	FALSE	0	12	19.0
SNA	Chautauqua	09-Oct-18	14:00	SNA-3	17	TRUE	FALSE	0	12	1.5
SNA	Chautauqua	21-Oct-18	14:40	SNA-1	23	FALSE	FALSE	-1	12	16.0
SNA	Chautauqua	21-Oct-18	14:30	SNA-2	22	FALSE	FALSE	-1	12	16.0
SNA	Chautauqua	21-Oct-18	14:20	SNA-3	14	TRUE	FALSE	-1	12	1.0
RHJA	Chicago Botanic Garden	23-Apr-18	14:30	RHJA-2	90	FALSE	FALSE	0	12	15.0
RHJA	Chicago Botanic Garden	23-Apr-18	13:50	RHJA-1	48	FALSE	FALSE	0	12	14.0
RHJA	Chicago Botanic Garden	23-Apr-18	14:50	RHJA-3	60	FALSE	FALSE	0	12	12.0
RHJA	Chicago Botanic Garden	17-Jul-18	11:40	RHJA-1	37	FALSE	FALSE	0	17	13.0
RHJA	Chicago Botanic Garden	17-Jul-18	12:20	RHJA-2	75	FALSE	FALSE	0	12	13.0
RHJA	Chicago Botanic Garden	17-Jul-18	12:40	RHJA-3	39	FALSE	FALSE	0	17	12.0
RGQ	Countryside	30-Jun-18	18:35	RGQ-1	36	FALSE	FALSE	1	13	9.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGQ	Countryside	LAKE	51% To 70%	0.75	Sunny	Calm/Ripple	NW	Above Normal	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.75	Sunny	Calm/Ripple	NW	Above Normal	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.50	Partly Cloudy	Calm/Ripple	NW	Above Normal	3	2.00
RGQ	Countryside	LAKE	51% To 70%	0.50	Partly Cloudy	Calm/Ripple	NW	Above Normal	3	2.00
RGQ	Countryside	LAKE	51% To 70%	0.50	Partly Cloudy	Calm/Ripple	NW	Above Normal	3	2.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	2.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	2.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	2.00
RGQ	Countryside	LAKE	26% To 50%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	3.00
RGQ	Countryside	LAKE	26% To 50%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	3.00
RGQ	Countryside	LAKE	26% To 50%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	3.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	3.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	3.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	N	Above Normal	3	3.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	N	Above Normal	3	3.00
RGQ	Countryside	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	N	Above Normal	3	3.00
RGQ	Countryside	LAKE	51% To 70%	0.50	Sunny	Calm/Ripple	NE	Normal or Full	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.50	Sunny	Calm/Ripple	NE	Normal or Full	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.50	Sunny	Calm/Ripple	NE	Normal or Full	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.50	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.50	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	3.00
RGQ	Countryside	LAKE	51% To 70%	0.50	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	3.00
RGQ	Countryside	LAKE	51% To 70%	2.00	Partly Cloudy	Small Waves	SE	Above Normal	12	3.00

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGQ	Countryside	30-Jun-18	18:23	RGQ-2	36	FALSE	FALSE	1	13	9.0
RGQ	Countryside	30-Jun-18	18:10	RGQ-3	48	FALSE	FALSE	0	12	9.0
RGQ	Countryside	13-Jun-18	16:07	RGQ-1	95	FALSE	FALSE	1	12	9.0
RGQ	Countryside	13-Jun-18	16:17	RGQ-2	97	FALSE	FALSE	2	12	9.0
RGQ	Countryside	13-Jun-18	16:30	RGQ-3	97	FALSE	FALSE	1	12	9.0
RGQ	Countryside	15-May-18	19:00	RGQ-1	77	FALSE	FALSE	3	13	8.0
RGQ	Countryside	15-May-18	19:17	RGQ-2	84	TRUE	FALSE	2	13	7.0
RGQ	Countryside	15-May-18	19:30	RGQ-3	73	FALSE	FALSE	3	13	8.0
RGQ	Countryside	31-May-18	19:30	RGQ-1	72	FALSE	FALSE	2	4	8.0
RGQ	Countryside	31-May-18	19:45	RGQ-2	65	FALSE	FALSE	3	6	8.0
RGQ	Countryside	31-May-18	19:55	RGQ-3	77	FALSE	FALSE	3	6	8.5
RGQ	Countryside	12-Jul-18	18:10	RGQ-1	42	FALSE	FALSE	1	13	8.5
RGQ	Countryside	12-Jul-18	17:58	RGQ-2	36	FALSE	FALSE	1	13	8.5
RGQ	Countryside	12-Jul-18	17:45	RGQ-3	45	FALSE	FALSE	1	13	8.0
RGQ	Countryside	30-Jul-18	11:27	RGQ-1	12	FALSE	FALSE	2	13	8.5
RGQ	Countryside	30-Jul-18	11:35	RGQ-2	12	FALSE	FALSE	2	13	8.0
RGQ	Countryside	30-Jul-18	11:41	RGQ-3	13	FALSE	FALSE	2	13	8.0
RGQ	Countryside	28-Sep-18	14:05	RGQ-1	36	FALSE	FALSE	3	13	8.0
RGQ	Countryside	28-Sep-18	14:15	RGQ-2	37	FALSE	FALSE	3	13	8.0
RGQ	Countryside	28-Sep-18	14:30	RGQ-3	37	FALSE	FALSE	2	13	8.5
RGQ	Countryside	10-Aug-18	12:00	RGQ-1	13	FALSE	FALSE	3	3	8.0
RGQ	Countryside	10-Aug-18	12:15	RGQ-2	14	FALSE	FALSE	3	3	8.0
RGQ	Countryside	10-Aug-18	12:35	RGQ-3	13	FALSE	FALSE	3	3	8.5
RGQ	Countryside	31-Aug-18	13:00	RGQ-1	23	FALSE	FALSE	3	8	8.0
RGQ	Countryside	31-Aug-18	13:15	RGQ-2	23	FALSE	FALSE	3	8	8.0
RGQ	Countryside	31-Aug-18	13:40	RGQ-3	25	FALSE	FALSE	3	8	8.5
RGQ	Countryside	07-Sep-18	12:30	RGQ-1	20	FALSE	FALSE	3	15	9.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGQ	Countryside	LAKE	51% To 70%	2.00	Partly Cloudy	Small Waves	SE	Above Normal	12	3.00
RGQ	Countryside	LAKE	51% To 70%	2.00	Partly Cloudy	Small Waves	SE	Above Normal	12	3.00
RGZA	Crooked	LAKE	5% To 25%	1.69	Hazy	Small Waves	S	Below Normal	5	1.00
RGZA	Crooked	LAKE	5% To 25%	1.69	Hazy	Small Waves	S	Below Normal	5	1.00
RGZA	Crooked	LAKE	5% To 25%	1.69	Hazy	Small Waves	S	Below Normal	5	1.00
RGZA	Crooked	LAKE	No Selection	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	0.50
RGZA	Crooked	LAKE	No Selection	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	0.50
RGZA	Crooked	LAKE	No Selection	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
RGQ	Countryside			
RGQ	Countryside			
RGZA	Crooked	Thunder storms in the last 48 hours. 90-94 degree temps in the last 28 hours.	increased lily pads in bay by Peacock Camp. Channel and bay almost filled with road silt. This silt was not present last year. The silt smells and blankets most of the bottom of the shoreline at 'cloa' Aquatic plants present: water silk, lily pads, water milfoil, cattails, grasses	Attempting weed management with a professional service; attempt to mitigate drainage in/out
RGZA	Crooked	Thunder storms in the last 48 hours. 90-94 degree temps in the last 28 hours.	increased lily pads in bay by Peacock Camp. Channel and bay almost filled with road silt. This silt was not present last year. The silt smells and blankets most of the bottom of the shoreline at 'cloa' Aquatic plants present: water silk, lily pads, water milfoil, cattails, grasses	Attempting weed management with a professional service; attempt to mitigate drainage in/out
RGZA	Crooked	Thunder storms in the last 48 hours. 90-94 degree temps in the last 28 hours.	increased lily pads in bay by Peacock Camp. Channel and bay almost filled with road silt. This silt was not present last year. The silt smells and blankets most of the bottom of the shoreline at 'cloa' Aquatic plants present: water silk, lily pads, water milfoil, cattails, grasses	Attempting weed management with a professional service; attempt to mitigate drainage in/out
RGZA	Crooked	1st spraying for weeds scheduled for next week		
RGZA	Crooked	1st spraying for weeds scheduled for next week		
RGZA	Crooked	1st spraying for weeds scheduled for next week		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGQ	Countryside	07-Sep-18	12:45	RGQ-2	20	FALSE	FALSE	3	15	9.0
RGQ	Countryside	07-Sep-18	13:00	RGQ-3	24	FALSE	FALSE	3	15	9.0
RGZA	Crooked	17-Jun-18	06:44	RGZA-1	64	FALSE	FALSE	0	17	27.5
RGZA	Crooked	17-Jun-18	06:52	RGZA-2	71	FALSE	FALSE	0	8	20.0
RGZA	Crooked	17-Jun-18	07:04	RGZA-3	70	FALSE	FALSE	0	7	14.0
RGZA	Crooked	29-May-18	06:28	RGZA-1	79	FALSE	FALSE	0	8	22.0
RGZA	Crooked	29-May-18	06:49	RGZA-2	80	FALSE	FALSE	0	12	20.0
RGZA	Crooked	29-May-18	06:36	RGZA-3	80	FALSE	FALSE	0	8	14.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGZA	Crooked	LAKE	No Selection	0.01	Sunny	Calm/Ripple	NONE	Below Normal	6	1.00
RGZA	Crooked	LAKE	No Selection	0.01	Sunny	Calm/Ripple	NONE	Below Normal	6	1.00
RGZA	Crooked	LAKE	No Selection	0.01	Sunny	Calm/Ripple	NONE	Below Normal	6	1.00
RGZA	Crooked	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	12	1.00
RGZA	Crooked	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	12	1.00
RGZA	Crooked	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	12	1.00
UTV	Cross	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	0.50
UTV	Cross	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	0.50
UTV	Cross	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	0.50
UTV	Cross	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	0.50
UTV	Cross	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	1.00
UTV	Cross	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	1.00
UTV	Cross	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	1.00
UTV	Cross	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	1.00
UTV	Cross	LAKE	51% To 70%	1.00	Sunny	Moderate Waves	W	Above Normal	8.4	2.00
UTV	Cross	LAKE	51% To 70%	1.00	Sunny	Moderate Waves	W	Above Normal	8.4	2.00
UTV	Cross	LAKE	51% To 70%	1.00	Sunny	Moderate Waves	W	Above Normal	8.4	2.00
UTV	Cross	LAKE	51% To 70%	1.00	Sunny	Moderate Waves	W	Above Normal	8.4	2.00
UTV	Cross	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	1	0.50
UTV	Cross	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	1	0.50
UTV	Cross	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	1	0.50
UTV	Cross	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	1	0.50
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	2.50

Lake Code	Waterbody	Observations	Other Information	Management
RGZA	Crooked	maybe blue green algae: smelly, green, oily, gloppy scum on the surface of the lake for the past two weeks.		
RGZA	Crooked	maybe blue green algae: smelly, green, oily, gloppy scum on the surface of the lake for the past two weeks.		
RGZA	Crooked	maybe blue green algae: smelly, green, oily, gloppy scum on the surface of the lake for the past two weeks.		
RGZA	Crooked	lake level is exceptionally low: boats resting on lake bottom	2'7" off pier	need to address fluctuating lake level. Maybe a dam between CL and Hastings?
RGZA	Crooked	lake level is exceptionally low: boats resting on lake bottom	2'7" off pier	need to address fluctuating lake level. Maybe a dam between CL and Hastings?
RGZA	Crooked	lake level is exceptionally low: boats resting on lake bottom	2'7" off pier	need to address fluctuating lake level. Maybe a dam between CL and Hastings?
UTV	Cross			
UTV	Cross			
UTV	Cross			
UTV	Cross			
UTV	Cross			
UTV	Cross			
UTV	Cross			
UTV	Cross			
UTV	Cross			
UTV	Cross			
UTV	Cross			
UTV	Cross			
UTV	Cross		extensive waterlily growth	
UTV	Cross		extensive waterlily growth	
UTV	Cross		extensive waterlily growth	
UTV	Cross		extensive waterlily growth	
RBU	Crystal			Since last year of lake sampling we began alum applications.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGZA	Crooked	15-Jul-18	08:19	RGZA-1	35	FALSE	FALSE	0	13	2.0
RGZA	Crooked	15-Jul-18	08:12	RGZA-2	31	FALSE	FALSE	0	13	2.0
RGZA	Crooked	15-Jul-18	08:27	RGZA-3	32	FALSE	FALSE	0	12	2.0
RGZA	Crooked	26-Aug-18	09:33	RGZA-1	15	FALSE	FALSE	0	17	21.5
RGZA	Crooked	26-Aug-18	09:39	RGZA-2	17	FALSE	FALSE	0	12	18.0
RGZA	Crooked	26-Aug-18	09:25	RGZA-3	17	FALSE	FALSE	0	12	13.0
UTV	Cross	06-May-18	11:58	UTV-1	99	FALSE	FALSE	0	12	34.5
UTV	Cross	06-May-18	12:10	UTV-2	66	TRUE	FALSE	0	12	5.5
UTV	Cross	06-May-18	12:20	UTV-3	106	FALSE	FALSE	0	8	29.5
UTV	Cross	06-May-18	12:29	UTV-4	96	FALSE	FALSE	0	12	12.5
UTV	Cross	29-May-18	11:10	UTV-1	80	FALSE	FALSE	0	3	36.0
UTV	Cross	29-May-18	11:28	UTV-2	76	TRUE	FALSE	1	17	6.5
UTV	Cross	29-May-18	11:37	UTV-3	180	FALSE	FALSE	0	3	33.0
UTV	Cross	29-May-18	11:50	UTV-4	162	FALSE	FALSE	0	2	16.5
UTV	Cross	13-Jun-18	12:39	UTV-1	126	FALSE	FALSE	0	3	26.0
UTV	Cross	13-Jun-18	12:57	UTV-2	79	TRUE	FALSE	0	20	6.5
UTV	Cross	13-Jun-18	13:07	UTV-3	204	FALSE	FALSE	0	3	27.0
UTV	Cross	13-Jun-18	13:24	UTV-4	114	TRUE	TRUE	2	8	9.5
UTV	Cross	18-Jul-18	13:50	UTV-1	108	FALSE	FALSE	0	3	31.5
UTV	Cross	18-Jul-18	14:04	UTV-2	102	FALSE	FALSE	1	3	9.0
UTV	Cross	18-Jul-18	14:14	UTV-3	108	FALSE	FALSE	0	3	21.0
UTV	Cross	18-Jul-18	14:24	UTV-4	102	FALSE	FALSE	2	3	15.0
RBU	Crystal	11-May-18	10:55	RBU-1	26	FALSE	FALSE	0	12	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	2.50
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	2.50
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	5	4.50
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	5	4.50
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	5	4.50
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.08	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	1.50
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.08	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	1.50
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.08	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	1.50
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Below Normal	2	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Below Normal	2	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Below Normal	2	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	6	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	6	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	6	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.04	Partly Cloudy	Calm/Ripple	SW	Below Normal	10	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.04	Partly Cloudy	Calm/Ripple	SW	Below Normal	10	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.04	Partly Cloudy	Calm/Ripple	SW	Below Normal	10	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	2.00	Sunny	Calm/Ripple	NW	Normal or Full	0	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RBU	Crystal			Since last year of lake sampling we began alum applications.
RBU	Crystal			Since last year of lake sampling we began alum applications.
RBU	Crystal			
RBU	Crystal			
RBU	Crystal			
RBU	Crystal			
RBU	Crystal			
RBU	Crystal			
RBU	Crystal		Potential blue green algae bloom, not confirmed.	
RBU	Crystal		Potential blue green algae bloom, not confirmed.	
RBU	Crystal		Potential blue green algae bloom, not confirmed.	
RBU	Crystal			liquid aluminum sulfate application on 7/10/18
RBU	Crystal			liquid aluminum sulfate application on 7/10/18
RBU	Crystal			liquid aluminum sulfate application on 7/10/18
RBU	Crystal		Blue green algae bloom about a week ago. Cleared up for about 7 days and there's a new bloom on other side of lake.	liquid alum application on July 31
RBU	Crystal		Blue green algae bloom about a week ago. Cleared up for about 7 days and there's a new bloom on other side of lake.	liquid alum application on July 31
RBU	Crystal		Blue green algae bloom about a week ago. Cleared up for about 7 days and there's a new bloom on other side of lake.	liquid alum application on July 31
RBU	Crystal		Rain has been consistent most of summer. Nuisance weed growth tends to be worst after rainfall.	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RBU	Crystal	11-May-18	10:33	RBU-3	52	FALSE	FALSE	0	17	8.5
RBU	Crystal	11-May-18	10:21	RBU-7	60	FALSE	FALSE	0	12	10.5
RBU	Crystal	05-Jun-18	11:17	RBU-1	29	FALSE	FALSE	0	8	9.5
RBU	Crystal	05-Jun-18	11:02	RBU-3	29	FALSE	FALSE	0	8	8.5
RBU	Crystal	05-Jun-18	10:48	RBU-7	34	FALSE	FALSE	0	12	10.0
RBU	Crystal	27-Jun-18	10:15	RBU-1	24	FALSE	FALSE	0	12	9.0
RBU	Crystal	27-Jun-18	10:27	RBU-3	36	FALSE	FALSE	0	8	8.5
RBU	Crystal	27-Jun-18	09:55	RBU-7	41	FALSE	FALSE	0	8	11.0
RBU	Crystal	09-Jul-18	11:35	RBU-1	24	FALSE	FALSE	0	8	9.5
RBU	Crystal	09-Jul-18	11:25	RBU-3	34	FALSE	FALSE	0	9	9.0
RBU	Crystal	09-Jul-18	11:15	RBU-7	42	FALSE	FALSE	0	2	10.5
RBU	Crystal	24-Jul-18	10:31	RBU-1	32	FALSE	FALSE	0	3	8.5
RBU	Crystal	24-Jul-18	10:18	RBU-3	28	FALSE	FALSE	0	17	8.5
RBU	Crystal	24-Jul-18	10:07	RBU-7	33	FALSE	FALSE	0	3	10.0
RBU	Crystal	08-Aug-18	10:26	RBU-1	26	FALSE	FALSE	0	20	6.5
RBU	Crystal	08-Aug-18	10:13	RBU-3	34	FALSE	FALSE	0	2	8.5
RBU	Crystal	08-Aug-18	09:59	RBU-7	30	FALSE	FALSE	0	8	10.0
RBU	Crystal	22-Aug-18	11:36	RBU-1	25	FALSE	FALSE	0	3	7.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RBU	Crystal	CHAMPAIGN	Less Than 5%	2.00	Sunny	Calm/Ripple	NW	Normal or Full	0	4.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	2.00	Sunny	Calm/Ripple	NW	Normal or Full	0	4.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	5	4.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	5	4.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	3	4.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	3	4.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	3	4.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.10	Sunny	Small Waves	NW	Below Normal	8	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.10	Sunny	Small Waves	NW	Below Normal	8	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.10	Sunny	Small Waves	NW	Below Normal	8	3.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.23	Overcast	Calm/Ripple	N	Below Normal	13	2.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.23	Overcast	Calm/Ripple	N	Below Normal	13	2.00
RBU	Crystal	CHAMPAIGN	Less Than 5%	0.23	Overcast	Calm/Ripple	N	Below Normal	13	2.00
VTZH	Crystal	MCHENRY	No Selection	0.00	Partly Cloudy	Calm/Ripple	W	Above Normal	4.5	6.00
VTZH	Crystal	MCHENRY	No Selection	0.00	Partly Cloudy	Calm/Ripple	W	Above Normal	4.5	6.00
VTZH	Crystal	MCHENRY	No Selection	0.00	Partly Cloudy	Calm/Ripple	W	Above Normal	4.5	6.00
VTZH	Crystal	MCHENRY	26% To 50%	0.70	Overcast	Small Waves	NE	Above Normal	4.4	6.00
VTZH	Crystal	MCHENRY	26% To 50%	0.70	Overcast	Small Waves	NE	Above Normal	4.4	6.00
VTZH	Crystal	MCHENRY	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NE	Above Normal	4.5	6.00
VTZH	Crystal	MCHENRY	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NE	Above Normal	4.5	6.00
VTZH	Crystal	MCHENRY	5% To 25%	0.66	Partly Cloudy	Calm/Ripple	W	Above Normal	4	8.00
VTZH	Crystal	MCHENRY	5% To 25%	0.66	Partly Cloudy	Calm/Ripple	W	Above Normal	4	8.00

Lake Code	Waterbody	Observations	Other Information	Management
RBU	Crystal		Rain has been consistent most of summer. Nuisance weed growth tends to be worst after rainfall.	
RBU	Crystal		Rain has been consistent most of summer. Nuisance weed growth tends to be worst after rainfall.	
RBU	Crystal		blue-green algae bloom at RBU-1, so data not gathered from that station	liquid alum applied 8/28/18
RBU	Crystal		blue-green algae bloom at RBU-1, so data not gathered from that station	liquid alum applied 8/28/18
RBU	Crystal			
RBU	Crystal			
RBU	Crystal			
RBU	Crystal			
RBU	Crystal			
RBU	Crystal			
RBU	Crystal			
RBU	Crystal			
VTZH	Crystal	Initial spring sampling	None	Spring beach treatments performed on 5/22/18 for chara and milfoil
VTZH	Crystal	Initial spring sampling	None	Spring beach treatments performed on 5/22/18 for chara and milfoil
VTZH	Crystal	Initial spring sampling	None	Spring beach treatments performed on 5/22/18 for chara and milfoil
VTZH	Crystal	none		West Bay treated for Milfoil
VTZH	Crystal	none		West Bay treated for Milfoil
VTZH	Crystal	none	Eelgrass present floating in west bay and down through middle of lake	- In-pier treatments conducted in West Bay - Two harvesting days in July for floating eelgrass in West Bay
VTZH	Crystal	none	Eelgrass present floating in west bay and down through middle of lake	- In-pier treatments conducted in West Bay - Two harvesting days in July for floating eelgrass in West Bay
VTZH	Crystal			beach treatments performed 5/22/18 to treat Chara and milfoil
VTZH	Crystal			beach treatments performed 5/22/18 to treat Chara and milfoil

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RBU	Crystal	22-Aug-18	11:25	RBU-3	27	FALSE	FALSE	0	8	9.0
RBU	Crystal	22-Aug-18	11:11	RBU-7	26	FALSE	FALSE	0	8	10.5
RBU	Crystal	04-Sep-18	10:17	RBU-3	42	FALSE	FALSE	0	8	7.5
RBU	Crystal	04-Sep-18	10:05	RBU-7	38	FALSE	FALSE	0	8	10.0
RBU	Crystal	17-Sep-18	10:26	RBU-1	31	FALSE	FALSE	0	8	7.5
RBU	Crystal	17-Sep-18	10:12	RBU-3	35	FALSE	FALSE	0	8	8.0
RBU	Crystal	17-Sep-18	10:01	RBU-7	36	FALSE	FALSE	0	8	10.0
RBU	Crystal	11-Oct-18	10:38	RBU-1	17	FALSE	FALSE	0	8	9.0
RBU	Crystal	11-Oct-18	10:28	RBU-3	36	FALSE	FALSE	0	3	8.5
RBU	Crystal	11-Oct-18	10:23	RBU-7	30	FALSE	FALSE	0	3	10.0
RBU	Crystal	31-Oct-18	13:27	RBU-1	24	FALSE	FALSE	0	8	8.5
RBU	Crystal	31-Oct-18	13:18	RBU-3	34	FALSE	FALSE	0	8	8.0
RBU	Crystal	31-Oct-18	13:02	RBU-7	49	FALSE	FALSE	0	3	9.5
VTZH	Crystal	23-May-18	14:00	VTZH-1	137	FALSE	FALSE	0	3	41.0
VTZH	Crystal	23-May-18	15:15	VTZH-2	100	FALSE	FALSE	1	12	16.0
VTZH	Crystal	23-May-18	13:40	VTZH-3	110	FALSE	FALSE	0	12	21.0
VTZH	Crystal	20-Jun-18	13:10	VTZH-1	142	FALSE	FALSE	0	3	41.0
VTZH	Crystal	20-Jun-18	14:00	VTZH-1	120	FALSE	FALSE	4	3	16.0
VTZH	Crystal	31-Jul-18	13:55	VTZH-1	144	FALSE	FALSE	0	3	40.0
VTZH	Crystal	31-Jul-18	14:43	VTZH-2	132	FALSE	FALSE	3	3	16.0
VTZH	Crystal	23-May-18	14:30	VTZH-1	137	FALSE	FALSE	0	3	41.0
VTZH	Crystal	23-May-18	15:15	VTZH-2	100	FALSE	FALSE	1	12	16.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VTZH	Crystal	MCHEMRY	5% To 25%	0.66	Partly Cloudy	Calm/Ripple	W	Above Normal	4	8.00
VTZH	Crystal	MCHEMRY	26% To 50%	1.50	Overcast	Calm/Ripple	NW	Above Normal	0	6.00
VTZH	Crystal	MCHEMRY	26% To 50%	1.50	Overcast	Calm/Ripple	NW	Above Normal	0	6.00
VTZH	Crystal	MCHEMRY	26% To 50%	0.04	Overcast	Calm/Ripple	SW	Above Normal	3	6.00
VTZH	Crystal	MCHEMRY	26% To 50%	0.04	Overcast	Calm/Ripple	SW	Above Normal	3	6.00
VTZH	Crystal	MCHEMRY	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NW	Above Normal	2	6.00
VTZH	Crystal	MCHEMRY	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NW	Above Normal	2	6.00
REE	Dawson	MCLEAN	Less Than 5%	0.10	Sunny	Calm/Ripple	W	Above Normal	0	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.10	Sunny	Calm/Ripple	W	Above Normal	0	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.10	Sunny	Calm/Ripple	W	Above Normal	0	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.10	Overcast	Calm/Ripple	E	Normal or Full	0	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.10	Overcast	Calm/Ripple	E	Normal or Full	0	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.10	Overcast	Calm/Ripple	E	Normal or Full	0	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.50	Overcast	Calm/Ripple	NW	Above Normal	2	3.00
REE	Dawson	MCLEAN	Less Than 5%	0.50	Overcast	Calm/Ripple	NW	Above Normal	2	3.00
REE	Dawson	MCLEAN	Less Than 5%	0.50	Overcast	Calm/Ripple	NW	Above Normal	2	3.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Small Waves	E	Above Normal	2	2.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Small Waves	E	Above Normal	2	2.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Small Waves	E	Above Normal	2	2.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	NW	Below Normal	0.5	2.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	NW	Below Normal	0.5	2.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	NW	Below Normal	0.5	2.00
REE	Dawson	MCLEAN	No Selection	0.20	Sunny	Small Waves	N	Below Normal	1.5	2.00
REE	Dawson	MCLEAN	No Selection	0.20	Sunny	Small Waves	N	Below Normal	1.5	2.00
REE	Dawson	MCLEAN	No Selection	0.20	Sunny	Small Waves	N	Below Normal	1.5	2.00
REE	Dawson	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Small Waves	S	Below Normal	2.5	2.00
REE	Dawson	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Small Waves	S	Below Normal	2.5	2.00
REE	Dawson	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Small Waves	S	Below Normal	2.5	2.00

Lake Code	Waterbody	Observations	Other Information	Management
VTZH	Crystal			beach treatments performed 5/22/18 to treat Chara and milfoil
VTZH	Crystal			
VTZH	Crystal			
VTZH	Crystal			eelgrass milfoil treated in West Bay on 9/17/18
VTZH	Crystal			eelgrass milfoil treated in West Bay on 9/17/18
VTZH	Crystal			
VTZH	Crystal			
REE	Dawson		First reading of 2018. Water very clear 67 degrees	
REE	Dawson		First reading of 2018. Water very clear 67 degrees	
REE	Dawson		First reading of 2018. Water very clear 67 degrees	
REE	Dawson		Surface temp 83	
REE	Dawson		Surface temp 83	
REE	Dawson		Surface temp 83	
REE	Dawson		water temp 76	
REE	Dawson		water temp 76	
REE	Dawson		water temp 76	
REE	Dawson			
REE	Dawson			
REE	Dawson			
REE	Dawson	Wind NW @ 6, Water temp 85		
REE	Dawson	Wind NW @ 6, Water temp 85		
REE	Dawson	Wind NW @ 6, Water temp 85		
REE	Dawson		water temp 79	
REE	Dawson		water temp 79	
REE	Dawson		water temp 79	
REE	Dawson	Water temp 82.9 Wind S @ 8mph		
REE	Dawson	Water temp 82.9 Wind S @ 8mph		
REE	Dawson	Water temp 82.9 Wind S @ 8mph		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VTZH	Crystal	23-May-18	13:40	VTZH-3	110	FALSE	FALSE	0	12	21.0
VTZH	Crystal	29-Aug-18	13:30	VTZH-1	144	FALSE	FALSE	0	12	42.0
VTZH	Crystal	29-Aug-18	14:20	VTZH-2	156	FALSE	FALSE	1	13	16.5
VTZH	Crystal	25-Sep-18	10:41	VTZH-1	156	FALSE	FALSE	0	12	39.5
VTZH	Crystal	25-Sep-18	11:23	VTZH-2	144	FALSE	FALSE	3	13	17.0
VTZH	Crystal	24-Oct-18	10:00	VTZH-1	204	FALSE	FALSE	0	12	40.5
VTZH	Crystal	24-Oct-18	10:48	VTZH-2	180	FALSE	FALSE	1	12	17.0
REE	Dawson	05-May-18	12:01	REE-1	112	FALSE	FALSE	0	18	24.0
REE	Dawson	05-May-18	11:52	REE-2	67	FALSE	FALSE	0	7	12.0
REE	Dawson	05-May-18	11:11	REE-3	58	FALSE	FALSE	0	17	7.0
REE	Dawson	29-May-18	11:20	REE-1	80	FALSE	FALSE	0	8	24.0
REE	Dawson	29-May-18	11:31	REE-2	63	FALSE	FALSE	0	17	12.5
REE	Dawson	29-May-18	11:39	REE-3	37	FALSE	FALSE	0	17	6.5
REE	Dawson	11-Jun-18	11:55	REE-1	72	FALSE	FALSE	0	9	24.0
REE	Dawson	11-Jun-18	11:45	REE-2	52	FALSE	FALSE	0	17	12.5
REE	Dawson	11-Jun-18	11:19	REE-3	39	FALSE	FALSE	0	8	7.0
REE	Dawson	26-Jun-18	12:55	REE-1	58	FALSE	FALSE	0	8	24.0
REE	Dawson	26-Jun-18	12:44	REE-2	46	FALSE	FALSE	0	8	12.0
REE	Dawson	26-Jun-18	12:35	REE-3	34	FALSE	FALSE	0	17	7.0
REE	Dawson	10-Jul-18	10:34	REE-1	58	FALSE	FALSE	0	17	24.0
REE	Dawson	10-Jul-18	12:04	REE-2	51	FALSE	FALSE	0	17	12.0
REE	Dawson	10-Jul-18	12:16	REE-3	48	FALSE	FALSE	0	17	7.0
REE	Dawson	23-Jul-18	12:08	REE-2	31	FALSE	FALSE	0	14	12.0
REE	Dawson	23-Jul-18	11:48	REE-1	38	FALSE	FALSE	0	12	24.0
REE	Dawson	23-Jul-18	12:16	REE-3	28	FALSE	FALSE	0	12	7.0
REE	Dawson	07-Aug-18	10:59	REE-1	47	FALSE	FALSE	0	12	23.5
REE	Dawson	07-Aug-18	11:11	REE-2	42	FALSE	FALSE	0	12	12.0
REE	Dawson	07-Aug-18	11:20	REE-3	39	FALSE	FALSE	0	7	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REE	Dawson	MCLEAN	Less Than 5%	0.40	Overcast	Calm/Ripple	S	Below Normal	4	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.40	Overcast	Calm/Ripple	S	Below Normal	4	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.40	Overcast	Calm/Ripple	S	Below Normal	4	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Below Normal	4	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Below Normal	4	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Below Normal	4	4.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Small Waves	E	Below Normal	4	1.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Small Waves	E	Below Normal	4	1.00
REE	Dawson	MCLEAN	Less Than 5%	0.00	Partly Cloudy	Small Waves	E	Below Normal	4	1.00
REE	Dawson	MCLEAN	Less Than 5%	2.00	Sunny	Small Waves	S	Below Normal	1	2.00
REE	Dawson	MCLEAN	Less Than 5%	2.00	Sunny	Small Waves	S	Below Normal	1	2.00
REE	Dawson	MCLEAN	Less Than 5%	2.00	Sunny	Small Waves	S	Below Normal	1	2.00
REE	Dawson	MCLEAN	Less Than 5%	1.00	Overcast	Small Waves	NE	Below Normal	2	1.00
REE	Dawson	MCLEAN	Less Than 5%	1.00	Overcast	Small Waves	NE	Below Normal	2	1.00
REE	Dawson	MCLEAN	Less Than 5%	1.00	Overcast	Small Waves	NE	Below Normal	2	1.00
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	7	8.00
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	7	8.00

Lake Code	Waterbody	Observations	Other Information	Management
REE	Dawson		overcast for #1; cleared up for #2 and #3. wind S @ 9	
REE	Dawson		overcast for #1; cleared up for #2 and #3. wind S @ 9	
REE	Dawson		overcast for #1; cleared up for #2 and #3. wind S @ 9	
REE	Dawson	Wind SW @10		
REE	Dawson	Wind SW @10		
REE	Dawson	Wind SW @10		
REE	Dawson	Water temp 75 Wind East at 10		
REE	Dawson	Water temp 75 Wind East at 10		
REE	Dawson	Water temp 75 Wind East at 10		
REE	Dawson	Water temp 70.1 Wind S @ 10		
REE	Dawson	Water temp 70.1 Wind S @ 10		
REE	Dawson	Water temp 70.1 Wind S @ 10		
REE	Dawson		Water temp 53 Wind NE @ 8	
REE	Dawson		Water temp 53 Wind NE @ 8	
REE	Dawson		Water temp 53 Wind NE @ 8	
VGZF	Deboer Woods	First measures of 2018	Ostillatoria blobs, Auatic plants observed - coontail, CLP, Elodea, narrow leaved pondweed spp,horned pondweed	Relocated aeration heads, only 4 out of 6 are operable now, 2 on north side are inoperable
VGZF	Deboer Woods	First measures of 2018	Ostillatoria blobs, Auatic plants observed - coontail, CLP, Elodea, narrow leaved pondweed spp,horned pondweed	Relocated aeration heads, only 4 out of 6 are operable now, 2 on north side are inoperable

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REE	Dawson	20-Aug-18	11:59	REE-1	36	FALSE	FALSE	0	8	24.0
REE	Dawson	20-Aug-18	13:38	REE-2	34	FALSE	FALSE	0	12	12.0
REE	Dawson	20-Aug-18	13:45	REE-3	24	FALSE	FALSE	0	12	6.5
REE	Dawson	05-Sep-18	12:02	REE-1	46	FALSE	FALSE	0	12	23.0
REE	Dawson	05-Sep-18	11:53	REE-2	42	FALSE	FALSE	0	12	12.0
REE	Dawson	05-Sep-18	11:43	REE-3	34	FALSE	FALSE	0	8	6.5
REE	Dawson	22-Sep-18	11:50	REE-1	46	FALSE	FALSE	0	14	23.5
REE	Dawson	22-Sep-18	11:38	REE-2	39	FALSE	FALSE	0	7	12.5
REE	Dawson	22-Sep-18	11:30	REE-3	32	FALSE	FALSE	0	14	7.0
REE	Dawson	08-Oct-18	11:34	REE-1	37	FALSE	FALSE	0	8	23.5
REE	Dawson	08-Oct-18	11:17	REE-2	41	FALSE	FALSE	0	12	12.0
REE	Dawson	08-Oct-18	11:09	REE-3	35	FALSE	FALSE	0	7	6.5
REE	Dawson	01-Nov-18	10:47	REE-1	46	FALSE	FALSE	0	12	23.5
REE	Dawson	01-Nov-18	10:37	REE-2	41	FALSE	FALSE	0	12	12.5
REE	Dawson	01-Nov-18	10:29	REE-3	86	FALSE	FALSE	0	8	7.5
VGZF	Deboer Woods	16-May-18	11:48	VGZF-1	132	FALSE	FALSE	0	13	22.0
VGZF	Deboer Woods	16-May-18	12:58	VGZF-2	127	FALSE	FALSE	0	13	12.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	7	8.00
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Hazy	Calm/Ripple	NE	Above Normal	5	4.50
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Hazy	Calm/Ripple	NE	Above Normal	5	4.50
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Hazy	Calm/Ripple	NE	Above Normal	5	4.50
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Hazy	Calm/Ripple	N	Above Normal	7	7.00
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Hazy	Calm/Ripple	N	Above Normal	7	7.00
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Hazy	Calm/Ripple	N	Above Normal	7	7.00
VGZF	Deboer Woods	WILL	Less Than 5%	2.00	Overcast	Calm/Ripple	NW	Above Normal	9	4.00

Lake Code	Waterbody	Observations	Other Information	Management
VGZF	Deboer Woods	First measures of 2018	Ostillatoria blobs, Auatic plants observed - coontail, CLP, Elodea, narrow leaved pondweed spp, horned pondweed	Relocated aeration heads, only 4 out of 6 are operable now, 2 on north side are inoperable
VGZF	Deboer Woods	Extremely hot conditions for severall days about 95, algae is increasing around the shoreline. Plants have increased between The island Mackinac Rd shore. Report of blue-green algae, but could not observe to confirm.	Oscillitoria have pretty much dissipated. Micro algae in the lake are beginning.	All aerators (6) are on and working
VGZF	Deboer Woods	Extremely hot conditions for severall days about 95, algae is increasing around the shoreline. Plants have increased between The island Mackinac Rd shore. Report of blue-green algae, but could not observe to confirm.	Oscillitoria have pretty much dissipated. Micro algae in the lake are beginning.	All aerators (6) are on and working
VGZF	Deboer Woods	Extremely hot conditions for severall days about 95, algae is increasing around the shoreline. Plants have increased between The island Mackinac Rd shore. Report of blue-green algae, but could not observe to confirm.	Oscillitoria have pretty much dissipated. Micro algae in the lake are beginning.	All aerators (6) are on and working
VGZF	Deboer Woods	Lake plants have reached surface, heavy between island and Mackinac Rd. Will submit B/G bloom to IEPA	Curlyleaf Pondweed, Phragmites. B/G algae appearing	Rollins Aquatic Solutions has sprayed to control B/G
VGZF	Deboer Woods	Lake plants have reached surface, heavy between island and Mackinac Rd. Will submit B/G bloom to IEPA	Curlyleaf Pondweed, Phragmites. B/G algae appearing	Rollins Aquatic Solutions has sprayed to control B/G
VGZF	Deboer Woods	Lake plants have reached surface, heavy between island and Mackinac Rd. Will submit B/G bloom to IEPA	Curlyleaf Pondweed, Phragmites. B/G algae appearing	Rollins Aquatic Solutions has sprayed to control B/G
VGZF	Deboer Woods	Rain has flushed surface algae out of the lake through the discharge culvert.		B/G has dissipated. Rollins Aquatics continues to monitor and treat as necessary

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VGZF	Deboer Woods	16-May-18	13:19	VGZF-3	114	FALSE	FALSE	0	13	11.0
VGZF	Deboer Woods	29-May-18	09:58	VGZF-1	114	FALSE	FALSE	0	12	21.0
VGZF	Deboer Woods	29-May-18	10:30	VGZF-2	114	FALSE	FALSE	0	12	12.0
VGZF	Deboer Woods	29-May-18	10:58	VGZF-3	108	TRUE	FALSE	0	12	9.0
VGZF	Deboer Woods	13-Jun-18	11:42	VGZF-1	60	FALSE	FALSE	0	12	21.0
VGZF	Deboer Woods	13-Jun-18	12:25	VGZF-2	52	FALSE	FALSE	0	12	12.0
VGZF	Deboer Woods	13-Jun-18	12:43	VGZF-3	48	FALSE	FALSE	0	12	11.5
VGZF	Deboer Woods	27-Jun-18	11:16	VGZF-1	58	FALSE	FALSE	0	12	19.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VGZF	Deboer Woods	WILL	Less Than 5%	2.00	Overcast	Calm/Ripple	NW	Above Normal	9	4.00
VGZF	Deboer Woods	WILL	Less Than 5%	2.00	Overcast	Calm/Ripple	NW	Above Normal	9	4.00
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	4	6.00
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	4	6.00
VGZF	Deboer Woods	WILL	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	4	6.00
VGZF	Deboer Woods	WILL	5% To 25%	0.00	Hazy	Calm/Ripple	NW	Above Normal	4	4.00
VGZF	Deboer Woods	WILL	5% To 25%	0.00	Hazy	Calm/Ripple	NW	Above Normal	4	4.00
VGZF	Deboer Woods	WILL	5% To 25%	0.00	Hazy	Calm/Ripple	NW	Above Normal	4	4.00
VGZF	Deboer Woods	WILL	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	6.00
VGZF	Deboer Woods	WILL	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	6.00
VGZF	Deboer Woods	WILL	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	6.00

Lake Code	Waterbody	Observations	Other Information	Management
VGZF	Deboer Woods	Rain has flushed surface algae out of the lake through the discharge culvert.		B/G has dissipated. Rollins Aquatics continues to monitor and treat as necessary
VGZF	Deboer Woods	Rain has flushed surface algae out of the lake through the discharge culvert.		B/G has dissipated. Rollins Aquatics continues to monitor and treat as necessary
VGZF	Deboer Woods	Recent weather has been variable with very hot to war, humid to dry and thunderstorms in the past week		Continued monitoring and treatment as required by Rollins Aquatic Systems
VGZF	Deboer Woods	Recent weather has been variable with very hot to war, humid to dry and thunderstorms in the past week		Continued monitoring and treatment as required by Rollins Aquatic Systems
VGZF	Deboer Woods	Recent weather has been variable with very hot to war, humid to dry and thunderstorms in the past week		Continued monitoring and treatment as required by Rollins Aquatic Systems
VGZF	Deboer Woods	Clarity has slipped. B/G algae on the northside of the big weed bed. Also large bloom on SE and SW corners. Some lily pads have appeared.	Lily pads, curlyleaf pondweed, milfoil	Chelated copper is being applied by Rollins, approximately every two weeks.We may have to go to weekly to control the B/G. HOA is discussing actions on the weed bed.
VGZF	Deboer Woods	Clarity has slipped. B/G algae on the northside of the big weed bed. Also large bloom on SE and SW corners. Some lily pads have appeared.	Lily pads, curlyleaf pondweed, milfoil	Chelated copper is being applied by Rollins, approximately every two weeks.We may have to go to weekly to control the B/G. HOA is discussing actions on the weed bed.
VGZF	Deboer Woods	Clarity has slipped. B/G algae on the northside of the big weed bed. Also large bloom on SE and SW corners. Some lily pads have appeared.	Lily pads, curlyleaf pondweed, milfoil	Chelated copper is being applied by Rollins, approximately every two weeks.We may have to go to weekly to control the B/G. HOA is discussing actions on the weed bed.
VGZF	Deboer Woods	Very dry weather, no rain. Water milfoil, curly leaf pondweed, and B/G algae	water milfoil, curly leaf pondweed	Still applying chelated copper to control B/G algae, but the hot weather is not helping.
VGZF	Deboer Woods	Very dry weather, no rain. Water milfoil, curly leaf pondweed, and B/G algae	water milfoil, curly leaf pondweed	Still applying chelated copper to control B/G algae, but the hot weather is not helping.
VGZF	Deboer Woods	Very dry weather, no rain. Water milfoil, curly leaf pondweed, and B/G algae	water milfoil, curly leaf pondweed	Still applying chelated copper to control B/G algae, but the hot weather is not helping.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VGZF	Deboer Woods	27-Jun-18	11:41	VGZF-2	52	FALSE	FALSE	0	12	13.0
VGZF	Deboer Woods	27-Jun-18	11:55	VGZF-3	45	FALSE	FALSE	0	12	8.0
VGZF	Deboer Woods	11-Jul-18	09:57	VGZF-1	36	FALSE	FALSE	0	12	18.5
VGZF	Deboer Woods	11-Jul-18	10:46	VGZF-2	35	FALSE	FALSE	0	12	11.5
VGZF	Deboer Woods	11-Jul-18	11:03	VGZF-3	34	FALSE	FALSE	0	12	11.0
VGZF	Deboer Woods	25-Jul-18	10:28	VGZF-1	28	FALSE	FALSE	0	12	16.5
VGZF	Deboer Woods	25-Jul-18	10:54	VGZF-2	24	FALSE	FALSE	0	12	11.5
VGZF	Deboer Woods	25-Jul-18	11:14	VGZF-3	26	FALSE	FALSE	0	12	11.0
VGZF	Deboer Woods	13-Aug-18	10:29	VGZF-1	27	FALSE	FALSE	0	12	21.0
VGZF	Deboer Woods	13-Aug-18	11:24	VGZF-2	20	FALSE	FALSE	0	12	12.0
VGZF	Deboer Woods	13-Aug-18	11:37	VGZF-3	22	FALSE	FALSE	0	12	10.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VGZF	Deboer Woods	WILL	5% To 25%	1.00	Overcast	Calm/Ripple	N	Above Normal	3	4.00
VGZF	Deboer Woods	WILL	5% To 25%	1.00	Overcast	Calm/Ripple	N	Above Normal	3	4.00
VGZF	Deboer Woods	WILL	5% To 25%	1.00	Overcast	Calm/Ripple	N	Above Normal	3	4.00
VGZF	Deboer Woods	WILL	5% To 25%	0.00	Sunny	Calm/Ripple	W	Above Normal	3	6.75
VGZF	Deboer Woods	WILL	5% To 25%	0.00	Sunny	Calm/Ripple	W	Above Normal	3	6.75
VGZF	Deboer Woods	WILL	5% To 25%	0.00	Sunny	Calm/Ripple	W	Above Normal	3	6.75
VGZF	Deboer Woods	WILL	Less Than 5%	0.25	Sunny	Small Waves	NW	Above Normal	3	3.00
VGZF	Deboer Woods	WILL	Less Than 5%	0.25	Sunny	Small Waves	NW	Above Normal	3	3.00
VGZF	Deboer Woods	WILL	Less Than 5%	0.25	Sunny	Small Waves	NW	Above Normal	3	3.00
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	6	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	6	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	6	2.00

Lake Code	Waterbody	Observations	Other Information	Management
VGZF	Deboer Woods	Visibly lower as summer has progressed. Rain early AM day f testing. Delayed work until lateer in the day		Ongoing chelated copper treatments on the B? algae
VGZF	Deboer Woods	Visibly lower as summer has progressed. Rain early AM day f testing. Delayed work until lateer in the day		Ongoing chelated copper treatments on the B? algae
VGZF	Deboer Woods	Visibly lower as summer has progressed. Rain early AM day f testing. Delayed work until lateer in the day		Ongoing chelated copper treatments on the B? algae
VGZF	Deboer Woods	B?G algae increased	curlyleaf	B/G all around the lake. Trated by Rollins aquatic while we were on the lake sampling and testing. Lake weeds are dying off.
VGZF	Deboer Woods	B?G algae increased	curlyleaf	B/G all around the lake. Trated by Rollins aquatic while we were on the lake sampling and testing. Lake weeds are dying off.
VGZF	Deboer Woods	B?G algae increased	curlyleaf	B/G all around the lake. Trated by Rollins aquatic while we were on the lake sampling and testing. Lake weeds are dying off.
VGZF	Deboer Woods	Heavy brief rain storm night of 23rd	Lake weeds are dying and below surface	Rollins Aquatics apples copper treatment as needed to keep B/G in check. Still have minor bloom going on.
VGZF	Deboer Woods	Heavy brief rain storm night of 23rd	Lake weeds are dying and below surface	Rollins Aquatics apples copper treatment as needed to keep B/G in check. Still have minor bloom going on.
VGZF	Deboer Woods	Heavy brief rain storm night of 23rd	Lake weeds are dying and below surface	Rollins Aquatics apples copper treatment as needed to keep B/G in check. Still have minor bloom going on.
VTD	Deep	Zebra trap=0		
VTD	Deep	Zebra trap=0		
VTD	Deep	Zebra trap=0		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VGZF	Deboer Woods	29-Aug-18	14:27	VGZF-1	32	FALSE	FALSE	0	12	16.0
VGZF	Deboer Woods	29-Aug-18	14:38	VGZF-2	21	FALSE	FALSE	0	12	11.5
VGZF	Deboer Woods	29-Aug-18	14:55	VGZF-3	28	FALSE	FALSE	0	12	8.5
VGZF	Deboer Woods	12-Sep-18	10:16	VGZF-1	45	FALSE	FALSE	0	13	21.0
VGZF	Deboer Woods	12-Sep-18	10:55	VGZF-2	37	FALSE	FALSE	0	12	12.0
VGZF	Deboer Woods	12-Sep-18	11:08	VGZF-3	35	FALSE	FALSE	0	12	11.0
VGZF	Deboer Woods	26-Sep-18	09:58	VGZF-1	26	FALSE	FALSE	0	12	21.0
VGZF	Deboer Woods	26-Sep-18	10:16	VGZF-2	22	FALSE	FALSE	0	12	12.0
VGZF	Deboer Woods	26-Sep-18	10:28	VGZF-3	28	FALSE	FALSE	0	12	10.0
VTD	Deep	09-May-18	10:30	VTD-1	90	FALSE	FALSE	0	14	49.5
VTD	Deep	09-May-18	11:05	VTD-2	92	FALSE	FALSE	0	14	35.5
VTD	Deep	09-May-18	11:30	VTD-3	93	FALSE	FALSE	0	14	38.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	6	2.00
VTD	Deep	LAKE	Less Than 5%	1.20	Partly Cloudy	Calm/Ripple	E	Above Normal	5	2.00
VTD	Deep	LAKE	Less Than 5%	1.20	Partly Cloudy	Calm/Ripple	E	Above Normal	5	2.00
VTD	Deep	LAKE	Less Than 5%	1.20	Partly Cloudy	Calm/Ripple	E	Above Normal	5	2.00
VTD	Deep	LAKE	Less Than 5%	1.20	Partly Cloudy	Calm/Ripple	E	Above Normal	5	2.00
VTD	Deep	LAKE	Less Than 5%	1.20	Partly Cloudy	Calm/Ripple	E	Above Normal	5	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Overcast	Small Waves	NE	Below Normal	3	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Overcast	Small Waves	NE	Below Normal	3	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Overcast	Small Waves	NE	Below Normal	3	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Overcast	Small Waves	NE	Below Normal	3	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	White Caps	E	Above Normal	1	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	White Caps	E	Above Normal	1	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	White Caps	E	Above Normal	1	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	White Caps	E	Above Normal	1	2.00
VTD	Deep	LAKE	5% To 25%	0.18	Sunny	Calm/Ripple	NE	Above Normal	2	2.00
VTD	Deep	LAKE	5% To 25%	0.18	Sunny	Calm/Ripple	NE	Above Normal	2	2.00
VTD	Deep	LAKE	5% To 25%	0.18	Sunny	Calm/Ripple	NE	Above Normal	2	2.00
VTD	Deep	LAKE	5% To 25%	0.18	Sunny	Calm/Ripple	NE	Above Normal	2	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	E	Below Normal	2	2.50
VTD	Deep	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	E	Below Normal	2	2.50
VTD	Deep	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	E	Below Normal	2	2.50
VTD	Deep	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	E	Below Normal	2	2.50
VTD	Deep	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	5	2.00
VTD	Deep	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	5	2.00
VTD	Deep	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	5	2.00

Lake Code	Waterbody	Observations	Other Information	Management
VTD	Deep	Zebra trap=0		
VTD	Deep	Zebra trap=0 Total onsite rain for may 7.68 inches Major hail damage in this area 1.5 inch hail		
VTD	Deep	Zebra trap=0 Total onsite rain for may 7.68 inches Major hail damage in this area 1.5 inch hail		
VTD	Deep	Zebra trap=0 Total onsite rain for may 7.68 inches Major hail damage in this area 1.5 inch hail		
VTD	Deep	Zebra trap=0 Total onsite rain for may 7.68 inches Major hail damage in this area 1.5 inch hail		
VTD	Deep		Zebra trap=0	
VTD	Deep		Zebra trap=0	
VTD	Deep		Zebra trap=0	
VTD	Deep		Zebra trap=0	
VTD	Deep		Zebra trap=0	
VTD	Deep		Zebra trap=0	
VTD	Deep		Zebra trap=0	
VTD	Deep	On site rain total for june 8.26	Zebratrap = 3@ 7mm	
VTD	Deep	On site rain total for june 8.26	Zebratrap = 3@ 7mm	
VTD	Deep	On site rain total for june 8.26	Zebratrap = 3@ 7mm	
VTD	Deep	On site rain total for june 8.26	Zebratrap = 3@ 7mm	
VTD	Deep			
VTD	Deep			
VTD	Deep			
VTD	Deep			
VTD	Deep		Zebra trap=0 Onsite rain for August 6.56 inches	
VTD	Deep		Zebra trap=0 Onsite rain for August 6.56 inches	
VTD	Deep		Zebra trap=0 Onsite rain for August 6.56 inches	

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VTD	Deep	09-May-18	11:50	VTD-4	51	FALSE	FALSE	0	14	25.5
VTD	Deep	29-May-18	13:20	VTD-1	242	FALSE	FALSE	0	14	49.5
VTD	Deep	29-May-18	13:50	VTD-2	245	FALSE	FALSE	0	14	35.5
VTD	Deep	29-May-18	14:25	VTD-3	247	FALSE	FALSE	0	14	38.5
VTD	Deep	29-May-18	14:55	VTD-4	182	FALSE	FALSE	0	14	25.5
VTD	Deep	11-Jun-18	10:20	VTD-1	385	FALSE	FALSE	0	17	49.0
VTD	Deep	11-Jun-18	10:45	VTD-2	382	FALSE	FALSE	0	17	35.0
VTD	Deep	11-Jun-18	11:10	VTD-3	386	FALSE	FALSE	0	17	38.0
VTD	Deep	11-Jun-18	11:35	VTD-4	305	FALSE	FALSE	0	17	25.0
VTD	Deep	25-Jun-18	14:15	VTD-1	397	FALSE	FALSE	0	2	49.0
VTD	Deep	25-Jun-18	14:40	VTD-2	394	FALSE	FALSE	0	2	35.0
VTD	Deep	25-Jun-18	15:05	VTD-3	390	FALSE	FALSE	0	2	38.0
VTD	Deep	25-Jun-18	15:30	VTD-4	262	FALSE	FALSE	0	17	25.0
VTD	Deep	02-Jul-18	14:15	VTD-1	361	FALSE	FALSE	0	8	49.0
VTD	Deep	02-Jul-18	14:50	VTD-2	363	FALSE	FALSE	0	8	35.0
VTD	Deep	02-Jul-18	15:10	VTD-3	365	FALSE	FALSE	0	8	38.0
VTD	Deep	02-Jul-18	15:45	VTD-4	277	FALSE	FALSE	0	17	25.0
VTD	Deep	09-Jul-18	10:30	VTD-1	278	FALSE	FALSE	0	8	49.0
VTD	Deep	09-Jul-18	10:50	VTD-2	279	FALSE	FALSE	0	8	35.0
VTD	Deep	09-Jul-18	11:15	VTD-3	281	FALSE	FALSE	0	8	38.0
VTD	Deep	09-Jul-18	11:55	VTD-4	201	FALSE	FALSE	0	9	25.0
VTD	Deep	31-Aug-18	14:10	VTD-1	239	FALSE	FALSE	0	8	48.0
VTD	Deep	31-Aug-18	14:20	VTD-2	238	FALSE	FALSE	0	8	34.0
VTD	Deep	31-Aug-18	14:55	VTD-3	241	FALSE	FALSE	0	8	37.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VTD	Deep	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	5	2.00
VTD	Deep	LAKE	Less Than 5%	0.00	Overcast	Small Waves	NW	Below Normal	9	2.50
VTD	Deep	LAKE	Less Than 5%	0.00	Overcast	Small Waves	NW	Below Normal	9	2.50
VTD	Deep	LAKE	Less Than 5%	0.00	Overcast	Small Waves	NW	Below Normal	9	2.50
VTD	Deep	LAKE	Less Than 5%	0.00	Overcast	Small Waves	NW	Below Normal	9	2.50
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Above Normal	3	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Above Normal	3	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Above Normal	3	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Above Normal	3	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Overcast	Small Waves	W	Above Normal	1.5	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Overcast	Small Waves	W	Above Normal	1.5	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Overcast	Small Waves	W	Above Normal	1.5	2.00
VTD	Deep	LAKE	5% To 25%	0.00	Overcast	Small Waves	W	Above Normal	1.5	2.00
RTB	Defiance	MCHENRY	No Selection	0.46	Overcast	Calm/Ripple	NE	No Selection	0	3.00
RTB	Defiance	MCHENRY	51% To 70%	0.00	Partly Cloudy	Small Waves	NE	No Selection	0	5.50
RTB	Defiance	MCHENRY	51% To 70%	0.00	Sunny	Calm/Ripple	N	No Selection	0	4.00
RTB	Defiance	MCHENRY	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NE	Below Normal	0	3.00
RTB	Defiance	MCHENRY	51% To 70%	0.00	Sunny	Calm/Ripple	NONE	Below Normal	0	4.00

Lake Code	Waterbody	Observations	Other Information	Management
VTD	Deep		Zebra trap=0 Onsite rain for August 6.56 inches	
VTD	Deep	zebra trap = 0 on site rain total July= 1.68"		
VTD	Deep	zebra trap = 0 on site rain total July= 1.68"		
VTD	Deep	zebra trap = 0 on site rain total July= 1.68"		
VTD	Deep	zebra trap = 0 on site rain total July= 1.68"		
VTD	Deep		Zebra trap=zero	
VTD	Deep		Zebra trap=zero	
VTD	Deep		Zebra trap=zero	
VTD	Deep		Zebra trap=zero	
VTD	Deep		Zebra trap=0	
VTD	Deep		Zebra trap=0	
VTD	Deep		Zebra trap=0	
VTD	Deep		Zebra trap=0	
RTB	Defiance		WWL, EWM, curlyleaf, sago, northern milfoil, spatterdock, common bladderwort, unidentified bladderwort (not U. vulgaris), chara	
RTB	Defiance		EWM, WWL, Spatterdock, sago pw, leafy pw, curlyleaf pw, northern milfoil, chara, common bladderwort, Illinois pw(?), another bladderwort - possibly U. intermedia (?)	
RTB	Defiance		coontail, WWL, EWM, spatterdock common bladderwort; Active osprey nest - 1 juvenile, 2 adults	
RTB	Defiance	very little rain lately	Illinois pondweed noted	
RTB	Defiance		floatingleaf PW, evidence of E. lecontei feeding on EWM. Color at site 2 was a little more orange than color #13 on color chart.	

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VTD	Deep	31-Aug-18	13:45	VTD-4	227	FALSE	FALSE	0	8	24.0
VTD	Deep	06-Aug-18	13:30	VTD-1	208	FALSE	FALSE	0	14	48.0
VTD	Deep	06-Aug-18	13:05	VTD-2	206	FALSE	FALSE	0	14	34.0
VTD	Deep	06-Aug-18	12:30	VTD-3	207	FALSE	FALSE	0	14	37.0
VTD	Deep	06-Aug-18	11:55	VTD-4	193	FALSE	FALSE	0	14	24.0
VTD	Deep	14-Sep-18	12:30	VTD-1	205	FALSE	FALSE	0	8	48.5
VTD	Deep	14-Sep-18	12:50	VTD-2	200	FALSE	FALSE	0	8	34.5
VTD	Deep	14-Sep-18	13:15	VTD-3	207	FALSE	FALSE	0	8	37.5
VTD	Deep	14-Sep-18	12:05	VTD-4	191	FALSE	FALSE	0	15	24.5
VTD	Deep	25-Sep-18	13:46	VTD-1	170	FALSE	FALSE	0	3	48.5
VTD	Deep	25-Sep-18	14:05	VTD-2	168	FALSE	FALSE	0	3	34.5
VTD	Deep	25-Sep-18	14:32	VTD-3	175	FALSE	FALSE	0	3	37.5
VTD	Deep	25-Sep-18	13:20	VTD-4	120	FALSE	FALSE	0	17	24.5
RTB	Defiance	12-Jun-18	10:59	RTB-1	115	FALSE	FALSE	0	13	16.5
RTB	Defiance	25-Jun-18	10:02	RTB-1	102	FALSE	FALSE	0	13	17.0
RTB	Defiance	23-Jul-18	09:39	RTB-1	78	FALSE	FALSE	0	13	16.0
RTB	Defiance	07-Aug-18	11:55	RTB-1	81	FALSE	FALSE	0	13	16.0
RTB	Defiance	23-Aug-18	10:15	RTB-1	87	FALSE	FALSE	0	13	16.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTB	Defiance	MCHENRY	51% To 70%	2.00	Partly Cloudy	Small Waves	SW	No Selection	0	3.00
RTB	Defiance	MCHENRY	51% To 70%	0.42	Overcast	Calm/Ripple	E	Above Normal	0	4.00
RTB	Defiance	MCHENRY	51% To 70%	0.46	Overcast	Calm/Ripple	NE	No Selection	0	3.00
RTB	Defiance	MCHENRY	51% To 70%	0.00	Partly Cloudy	Small Waves	NE	No Selection	0	5.50
VGZD	Des Plaines	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Above Normal	34	2.00
VGZD	Des Plaines	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Above Normal	34	2.00
VGZD	Des Plaines	LAKE	Less Than 5%	0.70	Overcast	Calm/Ripple	E	Above Normal	8	2.00
VGZD	Des Plaines	LAKE	Less Than 5%	0.70	Overcast	Calm/Ripple	E	Above Normal	8	2.00
VGZD	Des Plaines	LAKE	Less Than 5%	0.20	Sunny	Small Waves	NW	Normal or Full	0	2.00
VGZD	Des Plaines	LAKE	Less Than 5%	0.20	Sunny	Small Waves	NW	Normal or Full	0	2.00
VGZD	Des Plaines	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	1.50
VGZD	Des Plaines	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	1.50
VGZD	Des Plaines	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.50
VGZD	Des Plaines	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.50
VGZD	Des Plaines	LAKE	Less Than 5%	1.70	Sunny	Calm/Ripple	NW	Above Normal	22	1.50
VGZD	Des Plaines	LAKE	Less Than 5%	1.70	Sunny	Calm/Ripple	NW	Above Normal	22	1.50
VGZD	Des Plaines	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Above Normal	31	1.50
VGZD	Des Plaines	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Above Normal	31	1.50
VGZD	Des Plaines	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	11	1.50
VGZD	Des Plaines	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	11	1.50
RNJ	Devils Kitchen	WILLIAMSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	48	4.00
RNJ	Devils Kitchen	WILLIAMSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	48	4.00
RNJ	Devils Kitchen	WILLIAMSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	48	4.00
RNJ	Devils Kitchen	WILLIAMSON	51% To 70%	0.50	Sunny	Small Waves	SE	Normal or Full	0	4.00
RNJ	Devils Kitchen	WILLIAMSON	51% To 70%	0.50	Sunny	Small Waves	SE	Normal or Full	0	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RTB	Defiance	heavy rain over last 2 days	coontail WWL, common bladderwort, floatingleaf pw. Illinois pw, spatterdock	
RTB	Defiance		Color at all site much more orange than #13 on color chart.	
RTB	Defiance		Northern watermilfoil, EWM, spatterdock, WWL, curlyleaf pw, sago pw, common bladderwort, chara	
RTB	Defiance		EWM, Northern milfoil, WWL, spatterdock, sago pw, curlyleaf pw, chara, common bladderwort, leafy pw,	
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines		Variable Wind	
VGZD	Des Plaines		Variable Wind	
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines			
VGZD	Des Plaines			
RNJ	Devils Kitchen			Lowered lake kud-3-4ft to work on ramp and spillway.
RNJ	Devils Kitchen			Lowered lake kud-3-4ft to work on ramp and spillway.
RNJ	Devils Kitchen			Lowered lake kud-3-4ft to work on ramp and spillway.
RNJ	Devils Kitchen	Major storm went through on 6-28-2018.		
RNJ	Devils Kitchen	Major storm went through on 6-28-2018.		

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTB	Defiance	04-Sep-18	12:04	RTB-1	96	FALSE	FALSE	0	13	16.0
RTB	Defiance	01-Oct-18	10:15	RTB-1	48	FALSE	FALSE	0	13	17.0
RTB	Defiance	12-Jun-18	10:59	RTB-1	115	FALSE	FALSE	0	13	16.5
RTB	Defiance	25-Jun-18	10:02	RTB-1	102	FALSE	FALSE	0	13	17.0
VGZD	Des Plaines	27-May-18	10:20	VGZD-1	12	FALSE	FALSE	0	13	24.5
VGZD	Des Plaines	27-May-18	10:32	VGZD-2	16	FALSE	FALSE	0	13	24.5
VGZD	Des Plaines	11-Jun-18	15:00	VGZD-1	7	FALSE	FALSE	0	14	19.0
VGZD	Des Plaines	11-Jun-18	15:19	VGZD-2	7	FALSE	FALSE	0	14	20.5
VGZD	Des Plaines	16-Jul-18	15:45	VGZD-1	8	FALSE	FALSE	0	12	19.5
VGZD	Des Plaines	16-Jul-18	15:55	VGZD-2	7	FALSE	FALSE	0	7	22.0
VGZD	Des Plaines	14-Aug-18	15:10	VGZD-1	13	FALSE	FALSE	0	17	20.5
VGZD	Des Plaines	14-Aug-18	15:17	VGZD-2	14	FALSE	FALSE	0	17	22.5
VGZD	Des Plaines	29-Jul-18	10:50	VGZD-1	13	FALSE	FALSE	0	8	20.5
VGZD	Des Plaines	29-Jul-18	10:59	VGZD-2	34	FALSE	FALSE	0	17	22.0
VGZD	Des Plaines	29-Aug-18	15:18	VGZD-1	12	FALSE	FALSE	0	13	21.5
VGZD	Des Plaines	29-Aug-18	15:40	VGZD-2	14	FALSE	FALSE	0	12	24.0
VGZD	Des Plaines	12-Sep-18	15:01	VGZD-1	13	FALSE	FALSE	0	12	20.0
VGZD	Des Plaines	12-Sep-18	15:17	VGZD-2	15	FALSE	FALSE	0	12	24.0
VGZD	Des Plaines	23-Sep-18	16:31	VGZD-1	16	FALSE	FALSE	0	8	20.5
VGZD	Des Plaines	23-Sep-18	16:42	VGZD-2	14	FALSE	FALSE	0	12	23.0
RNJ	Devils Kitchen	17-Jun-18	09:30	RNJ-1	96	FALSE	FALSE	3	12	22.0
RNJ	Devils Kitchen	17-Jun-18	10:04	RNJ-2	96	FALSE	FALSE	3	12	25.0
RNJ	Devils Kitchen	17-Jun-18	10:20	RNJ-3	96	FALSE	FALSE	2	12	45.0
RNJ	Devils Kitchen	30-Jun-18	11:15	RNJ-1	120	FALSE	FALSE	3	12	20.0
RNJ	Devils Kitchen	30-Jun-18	11:37	RNJ-2	96	FALSE	FALSE	3	12	20.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RNJ	Devils Kitchen	WILLIAMSON	51% To 70%	0.50	Sunny	Small Waves	SE	Normal or Full	0	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Partly Cloudy	Small Waves	NE	Below Normal	2	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Partly Cloudy	Small Waves	NE	Below Normal	2	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Partly Cloudy	Small Waves	NE	Below Normal	2	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	48	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	48	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	48	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Sunny	Calm/Ripple	S	Below Normal	48	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Sunny	Calm/Ripple	S	Below Normal	48	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Sunny	Calm/Ripple	S	Below Normal	48	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.10	Sunny	Small Waves	SW	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.10	Sunny	Small Waves	SW	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.10	Sunny	Small Waves	SW	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Sunny	Calm/Ripple	N	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Sunny	Calm/Ripple	N	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Sunny	Calm/Ripple	N	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Sunny	Calm/Ripple	S	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Sunny	Calm/Ripple	S	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Sunny	Calm/Ripple	S	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.10	Overcast	Calm/Ripple	S	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.10	Overcast	Calm/Ripple	S	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.10	Overcast	Calm/Ripple	S	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Partly Cloudy	Small Waves	S	Below Normal	60	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RNJ	Devils Kitchen	Major storm went through on 6-28-2018.		
RNJ	Devils Kitchen			
RNJ	Devils Kitchen			
RNJ	Devils Kitchen			
RNJ	Devils Kitchen	Lake level dropped 4 foot.		Lake level dropped to work on dam.
RNJ	Devils Kitchen	Lake level dropped 4 foot.		Lake level dropped to work on dam.
RNJ	Devils Kitchen	Lake level dropped 4 foot.		Lake level dropped to work on dam.
RNJ	Devils Kitchen			Lake level is lowered 4-5 feet below pool, to work on the dam.
RNJ	Devils Kitchen			Lake level is lowered 4-5 feet below pool, to work on the dam.
RNJ	Devils Kitchen			Lake level is lowered 4-5 feet below pool, to work on the dam.
RNJ	Devils Kitchen			Lake level is lowered to work on the dam, lake is lowered 3-5 feet.
RNJ	Devils Kitchen			Lake level is lowered to work on the dam, lake is lowered 3-5 feet.
RNJ	Devils Kitchen			Lake level is lowered to work on the dam, lake is lowered 3-5 feet.
RNJ	Devils Kitchen			Lake level is lowered 3-5 feet to work on dam.
RNJ	Devils Kitchen			Lake level is lowered 3-5 feet to work on dam.
RNJ	Devils Kitchen			Lake level is lowered 3-5 feet to work on dam.
RNJ	Devils Kitchen	None.		Lake level dropped 3-5 feet to work on dam.
RNJ	Devils Kitchen	None.		Lake level dropped 3-5 feet to work on dam.
RNJ	Devils Kitchen	None.		Lake level dropped 3-5 feet to work on dam.
RNJ	Devils Kitchen			Lake level lowered 3-5 feet to work on the dam.
RNJ	Devils Kitchen			Lake level lowered 3-5 feet to work on the dam.
RNJ	Devils Kitchen			Lake level lowered 3-5 feet to work on the dam.
RNJ	Devils Kitchen			Lake level lowered to work on dam.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RNJ	Devils Kitchen	30-Jun-18	12:00	RNJ-3	96	FALSE	FALSE	2	12	40.0
RNJ	Devils Kitchen	06-Jul-18	13:56	RNJ-1	108	FALSE	FALSE	3	12	20.0
RNJ	Devils Kitchen	06-Jul-18	13:20	RNJ-2	108	FALSE	FALSE	3	12	20.0
RNJ	Devils Kitchen	06-Jul-18	12:38	RNJ-3	108	FALSE	FALSE	2	12	41.0
RNJ	Devils Kitchen	29-Jul-18	10:44	RNJ-1	96	FALSE	FALSE	3	13	31.0
RNJ	Devils Kitchen	29-Jul-18	10:30	RNJ-2	96	FALSE	FALSE	3	12	31.0
RNJ	Devils Kitchen	29-Jul-18	10:03	RNJ-3	96	FALSE	FALSE	2	13	44.0
RNJ	Devils Kitchen	04-Aug-18	12:13	RNJ-1	84	FALSE	FALSE	3	12	30.0
RNJ	Devils Kitchen	04-Aug-18	11:40	RNJ-2	84	FALSE	FALSE	3	12	20.0
RNJ	Devils Kitchen	04-Aug-18	11:13	RNJ-3	84	FALSE	FALSE	2	12	30.0
RNJ	Devils Kitchen	26-Aug-18	13:23	RNJ-1	60	FALSE	FALSE	3	12	44.0
RNJ	Devils Kitchen	26-Aug-18	13:03	RNJ-2	60	FALSE	FALSE	3	12	25.0
RNJ	Devils Kitchen	26-Aug-18	12:26	RNJ-3	60	FALSE	FALSE	2	13	43.0
RNJ	Devils Kitchen	15-Sep-18	11:50	RNJ-1	84	FALSE	FALSE	3	12	25.0
RNJ	Devils Kitchen	15-Sep-18	11:21	RNJ-2	84	FALSE	FALSE	3	12	25.0
RNJ	Devils Kitchen	15-Sep-18	10:52	RNJ-3	96	FALSE	FALSE	2	12	45.0
RNJ	Devils Kitchen	30-Sep-18	12:00	RNJ-1	84	FALSE	FALSE	3	12	25.0
RNJ	Devils Kitchen	30-Sep-18	13:00	RNJ-2	84	FALSE	FALSE	3	12	25.0
RNJ	Devils Kitchen	30-Sep-18	13:30	RNJ-3	84	FALSE	FALSE	2	12	40.0
RNJ	Devils Kitchen	13-Oct-18	15:00	RNJ-1	96	FALSE	FALSE	3	12	27.0
RNJ	Devils Kitchen	13-Oct-18	14:00	RNJ-2	84	FALSE	FALSE	3	12	48.0
RNJ	Devils Kitchen	13-Oct-18	13:22	RNJ-3	96	FALSE	FALSE	2	12	40.0
RNJ	Devils Kitchen	30-Oct-18	11:20	RNJ-1	84	FALSE	FALSE	3	12	25.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Partly Cloudy	Small Waves	S	Below Normal	60	4.00
RNJ	Devils Kitchen	WILLIAMSON	26% To 50%	0.00	Partly Cloudy	Small Waves	S	Below Normal	60	4.00
RGB	Diamond	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	2.50
RGB	Diamond	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	2.50
RGB	Diamond	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	2.50
RGB	Diamond	LAKE	5% To 25%	0.00	Sunny	Small Waves	E	Above Normal	2	2.00
RGB	Diamond	LAKE	5% To 25%	0.00	Sunny	Small Waves	E	Above Normal	2	2.00
RGB	Diamond	LAKE	5% To 25%	0.00	Sunny	Small Waves	E	Above Normal	2	2.00
RGB	Diamond	LAKE	Less Than 5%	0.00	No Selection	No Selection	NONE	Above Normal	3	1.00
RGB	Diamond	LAKE	Less Than 5%	0.00	No Selection	No Selection	NONE	Above Normal	3	1.00
RGB	Diamond	LAKE	Less Than 5%	0.00	No Selection	No Selection	NONE	Above Normal	3	1.00
RGB	Diamond	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	1.50
RGB	Diamond	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	1.50
RGB	Diamond	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	1.50
RGB	Diamond	LAKE	5% To 25%	0.00	Sunny	Small Waves	SW	Below Normal	4	1.50
RGB	Diamond	LAKE	5% To 25%	0.00	Sunny	Small Waves	SW	Below Normal	4	1.50
RGB	Diamond	LAKE	5% To 25%	0.00	Sunny	Small Waves	SW	Below Normal	4	1.50
RGB	Diamond	LAKE	Less Than 5%	0.00	Sunny	Moderate Waves	S	Below Normal	5	1.50
RGB	Diamond	LAKE	Less Than 5%	0.00	Sunny	Moderate Waves	S	Below Normal	5	1.50
RGB	Diamond	LAKE	Less Than 5%	0.00	Sunny	Moderate Waves	S	Below Normal	5	1.50
RGV	Druce	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	NONE	Normal or Full	0	1.00
RGV	Druce	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	NONE	Normal or Full	0	1.00
RGV	Druce	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	NONE	Normal or Full	0	1.00
RGV	Druce	LAKE	Less Than 5%	0.90	Hazy	Moderate Waves	NE	Normal or Full	0	1.00
RGV	Druce	LAKE	Less Than 5%	0.90	Hazy	Moderate Waves	NE	Normal or Full	0	1.00
RGV	Druce	LAKE	Less Than 5%	0.90	Hazy	Moderate Waves	NE	Normal or Full	0	1.00
RGV	Druce	LAKE	5% To 25%	1.04	Partly Cloudy	Small Waves	NE	Above Normal	2	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RNJ	Devils Kitchen			Lake level lowered to work on dam.
RNJ	Devils Kitchen			Lake level lowered to work on dam.
RGB	Diamond	Very turbid water		
RGB	Diamond	Very turbid water		
RGB	Diamond	Very turbid water		
RGB	Diamond			
RGB	Diamond			
RGB	Diamond			
RGB	Diamond	Very turbid		
RGB	Diamond	Very turbid		
RGB	Diamond	Very turbid		
RGB	Diamond	Very few aquatic plants		
RGB	Diamond	Very few aquatic plants		
RGB	Diamond	Very few aquatic plants		
RGB	Diamond			
RGB	Diamond			
RGB	Diamond			
RGB	Diamond	Still very turbid	Blue green algae: has been intermittent in areas	
RGB	Diamond	Still very turbid	Blue green algae: has been intermittent in areas	
RGB	Diamond	Still very turbid	Blue green algae: has been intermittent in areas	
RGV	Druce		below average water quality recently returned to normal water level moderate amount of floating algae	
RGV	Druce		below average water quality recently returned to normal water level moderate amount of floating algae	
RGV	Druce		below average water quality recently returned to normal water level moderate amount of floating algae	
RGV	Druce			
RGV	Druce			
RGV	Druce			
RGV	Druce			

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RNJ	Devils Kitchen	30-Oct-18	10:50	RNJ-2	84	FALSE	FALSE	3	12	32.0
RNJ	Devils Kitchen	30-Oct-18	10:00	RNJ-3	84	FALSE	FALSE	2	12	21.0
RGB	Diamond	29-May-18	08:28	RGB-1	48	FALSE	FALSE	0	4	22.0
RGB	Diamond	29-May-18	08:15	RGB-2	44	FALSE	FALSE	0	4	11.0
RGB	Diamond	29-May-18	08:00	RGB-3	40	FALSE	FALSE	0	4	7.0
RGB	Diamond	24-Jun-18	16:26	RGB-1	52	FALSE	FALSE	-1	7	22.0
RGB	Diamond	24-Jun-18		RGB-2	50	FALSE	FALSE	-1	7	11.0
RGB	Diamond	24-Jun-18	3:54	RGB-3	54	FALSE	FALSE	-1	7	8.0
RGB	Diamond	30-Jun-18	11:04	RGB-1		FALSE	FALSE	0	12	23.5
RGB	Diamond	30-Jun-18	10:35	RGB-2		FALSE	FALSE	0	12	10.0
RGB	Diamond	30-Jun-18	10:12	RGB-3		FALSE	FALSE	0	12	6.0
RGB	Diamond	04-Aug-18	15:45	RGB-1	17	FALSE	FALSE	0	13	21.5
RGB	Diamond	04-Aug-18	14:30	RGB-2	17	FALSE	FALSE	0	13	9.0
RGB	Diamond	04-Aug-18	13:50	RGB-3	18	FALSE	FALSE	0	13	6.0
RGB	Diamond	12-Aug-18	15:02	RGB-1	29	FALSE	FALSE	0	12	22.0
RGB	Diamond	12-Aug-18	14:34	RGB-2	18	FALSE	FALSE	0	12	9.5
RGB	Diamond	12-Aug-18	14:03	RGB-3	13	FALSE	FALSE	0	12	6.5
RGB	Diamond	26-Aug-18	12:13	RGB-1	35	FALSE	FALSE	0	13	22.0
RGB	Diamond	26-Aug-18	11:57	RGB-2	18	FALSE	FALSE	0	12	12.0
RGB	Diamond	26-Aug-18	11:32	RGB-3	21	FALSE	FALSE	0	12	6.5
RGV	Druce	30-May-18	20:04	RGV-1	55	FALSE	FALSE	0	11	32.0
RGV	Druce	30-May-18	20:14	RGV-2	53	FALSE	FALSE	0	11	16.0
RGV	Druce	30-May-18	20:21	RGV-3	55	FALSE	FALSE	0	11	18.0
RGV	Druce	10-Jun-18	13:49	RGV-1	149	FALSE	FALSE	0	17	34.0
RGV	Druce	10-Jun-18	13:57	RGV-2	152	FALSE	FALSE	0	8	20.0
RGV	Druce	10-Jun-18	14:04	RGV-3	144	FALSE	FALSE	0	8	19.0
RGV	Druce	24-Jun-18	20:04	RGV-1	135	FALSE	FALSE	0	16	33.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGV	Druce	LAKE	5% To 25%	1.04	Partly Cloudy	Small Waves	NE	Above Normal	2	1.00
RGV	Druce	LAKE	5% To 25%	1.04	Partly Cloudy	Small Waves	NE	Above Normal	2	1.00
RGV	Druce	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	1.00
RGV	Druce	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	1.00
RGV	Druce	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	1.00
RGV	Druce	LAKE	5% To 25%	0.00	Overcast	Small Waves	SW	No Selection	0	0.50
RGV	Druce	LAKE	5% To 25%	1.05	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RGV	Druce	LAKE	5% To 25%	1.05	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RGV	Druce	LAKE	5% To 25%	1.05	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RGV	Druce	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	1.00
RGV	Druce	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	1.00
RGV	Druce	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	1.00
RTZG	Duck	LAKE	Less Than 5%	0.40	Sunny	Small Waves	NW	No Selection	0	1.00
RTZG	Duck	LAKE	Less Than 5%	0.40	Sunny	Small Waves	NW	No Selection	0	1.00
RTZG	Duck	LAKE	Less Than 5%	0.40	Sunny	Small Waves	NW	No Selection	0	1.00
RTZG	Duck	LAKE	Less Than 5%	0.50	Sunny	Calm/Ripple	NONE	Above Normal	0	1.00
RTZG	Duck	LAKE	Less Than 5%	0.50	Sunny	Calm/Ripple	NONE	Above Normal	0	1.00
RTZG	Duck	LAKE	Less Than 5%	0.50	Sunny	Calm/Ripple	NONE	Above Normal	0	1.00
RTZG	Duck	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	1.00
RTZG	Duck	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	1.00
RTZG	Duck	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	1.00
RTZG	Duck	LAKE	Less Than 5%	1.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
RTZG	Duck	LAKE	Less Than 5%	1.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
RTZG	Duck	LAKE	Less Than 5%	1.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.25	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.25
RJD	Dunlap	MADISON	Less Than 5%	0.25	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.25
RJD	Dunlap	MADISON	Less Than 5%	0.25	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.25
RJD	Dunlap	MADISON	Less Than 5%	0.00	Overcast	Calm/Ripple	WSW	Normal or Full	0	4.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Overcast	Calm/Ripple	WSW	Normal or Full	0	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RGV	Druce			
RGV	Druce			
RGV	Druce		4 boats on the lake, swimmers presents	
RGV	Druce		4 boats on the lake, swimmers presents	
RGV	Druce		4 boats on the lake, swimmers presents	
RGV	Druce			
RGV	Druce			
RGV	Druce			
RGV	Druce			
RGV	Druce			
RGV	Druce			
RTZG	Duck			recent lake treatment for invasives
RTZG	Duck			recent lake treatment for invasives
RTZG	Duck			recent lake treatment for invasives
RTZG	Duck			
RTZG	Duck			
RTZG	Duck			
RTZG	Duck			
RTZG	Duck			
RTZG	Duck			
RTZG	Duck			
RTZG	Duck			
RTZG	Duck			
RJD	Dunlap			
RJD	Dunlap			
RJD	Dunlap			
RJD	Dunlap		Planktonic algae bloom evident. Some areas of paint-like bloom evident last week. None at present. Water temp 82F at boat ramp.	
RJD	Dunlap		Planktonic algae bloom evident. Some areas of paint-like bloom evident last week. None at present. Water temp 82F at boat ramp.	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGV	Druce	24-Jun-18	20:11	RGV-2	125	FALSE	FALSE	0	11	21.0
RGV	Druce	24-Jun-18	20:19	RGV-3	123	FALSE	FALSE	0	11	18.5
RGV	Druce	15-Jul-18	16:51	RGV-1	144	FALSE	FALSE	0	3	32.5
RGV	Druce	15-Jul-18	17:01	RGV-2	144	FALSE	FALSE	0	3	19.0
RGV	Druce	15-Jul-18	17:09	RGV-3	114	FALSE	FALSE	0	3	16.0
RGV	Druce	31-Jul-18	10:16	RGV-1	144	FALSE	FALSE	0	9	32.0
RGV	Druce	08-Aug-18	19:41	RGV-1	113	FALSE	FALSE	0	11	33.0
RGV	Druce	08-Aug-18	19:51	RGV-2	108	FALSE	FALSE	0	11	12.0
RGV	Druce	08-Aug-18	19:49	RGV-3	106	FALSE	FALSE	0	11	18.0
RGV	Druce	26-Aug-18	19:30	RGV-1	98	FALSE	FALSE	0	17	29.0
RGV	Druce	26-Aug-18	19:38	RGV-2	88	FALSE	FALSE	0	3	15.0
RGV	Druce	26-Aug-18	19:46	RGV-3	102	FALSE	FALSE	0	3	14.5
RTZG	Duck	05-Jun-18	18:30	RTZG-1	50	FALSE	FALSE	0	12	8.0
RTZG	Duck	05-Jun-18	18:50	RTZG-2	52	FALSE	FALSE	1	12	6.0
RTZG	Duck	05-Jun-18	18:40	RTZG-3	65	FALSE	FALSE	0	12	6.0
RTZG	Duck	06-Jul-18	20:10	RTZG-1	30	FALSE	FALSE	0	12	8.5
RTZG	Duck	06-Jul-18	20:20	RTZG-2	34	FALSE	FALSE	0	12	9.0
RTZG	Duck	06-Jul-18	20:00	RTZG-3	24	FALSE	FALSE	0	12	6.0
RTZG	Duck	12-Aug-18	12:30	RTZG-1	20	FALSE	FALSE	0	12	8.5
RTZG	Duck	12-Aug-18	12:35	RTZG-2	18	FALSE	FALSE	0	12	7.5
RTZG	Duck	12-Aug-18	12:40	RTZG-3	20	FALSE	FALSE	0	12	7.5
RTZG	Duck	31-Aug-18	16:05	RTZG-1	17	FALSE	FALSE	0	12	8.5
RTZG	Duck	31-Aug-18	16:00	RTZG-2	15	FALSE	FALSE	0	12	8.5
RTZG	Duck	31-Aug-18	16:10	RTZG-3	18	FALSE	FALSE	0	12	7.5
RJD	Dunlap	16-May-18	09:15	RJD-1	33	FALSE	FALSE	0	17	22.0
RJD	Dunlap	16-May-18	09:35	RJD-1	32	FALSE	FALSE	0	17	15.5
RJD	Dunlap	16-May-18	09:45	RJD-1	23	FALSE	FALSE	0	11	8.0
RJD	Dunlap	31-May-18	09:40	RJD-1	35	FALSE	FALSE	0	17	20.5
RJD	Dunlap	31-May-18	09:50	RJD-2	32	FALSE	FALSE	0	17	15.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RJD	Dunlap	MADISON	Less Than 5%	0.00	Overcast	Calm/Ripple	WSW	Normal or Full	0	4.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Overcast	Calm/Ripple	E	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Overcast	Calm/Ripple	E	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Overcast	Calm/Ripple	E	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Overcast	Small Waves	N	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Overcast	Small Waves	N	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Overcast	Small Waves	N	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.50	Overcast	Small Waves	NW	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.50	Overcast	Small Waves	NW	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.50	Overcast	Small Waves	NW	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.50	Overcast	Small Waves	NW	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.50	Overcast	Small Waves	NW	Normal or Full	0	1.00
RJD	Dunlap	MADISON	Less Than 5%	0.50	Overcast	Small Waves	NW	Normal or Full	0	1.00
RTM	East Loon	LAKE	26% To 50%	0.25	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
RTM	East Loon	LAKE	26% To 50%	0.25	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RJD	Dunlap		Planktonic algae bloom evident. Some areas of paint-like bloom evident last week. None at present. Water temp 82F at boat ramp.	
RJD	Dunlap			
RJD	Dunlap			
RJD	Dunlap			
RJD	Dunlap		surface water temperature at site 3 is 90F	
RJD	Dunlap		surface water temperature at site 3 is 90F	
RJD	Dunlap		surface water temperature at site 3 is 90F	
RJD	Dunlap	moderate rain 3 days prior to sample	Air temperature 82F and surface water temperature 82F at Site 1	
RJD	Dunlap	moderate rain 3 days prior to sample	Air temperature 82F and surface water temperature 82F at Site 1	
RJD	Dunlap	moderate rain 3 days prior to sample	Air temperature 82F and surface water temperature 82F at Site 1	
RJD	Dunlap		Water temperature 70F at Site 1	
RJD	Dunlap		Water temperature 70F at Site 1	
RJD	Dunlap		Water temperature 70F at Site 1	
RJD	Dunlap		Surface water temp 64F at Site 1	
RJD	Dunlap		Surface water temp 64F at Site 1	
RJD	Dunlap		Surface water temp 64F at Site 1	
RJD	Dunlap		Water temperature at Site 1 is 54F	
RJD	Dunlap		Water temperature at Site 1 is 54F	
RJD	Dunlap		Water temperature at Site 1 is 54F	
RJD	Dunlap		water temp at site 1 is 54F	
RJD	Dunlap		water temp at site 1 is 54F	
RJD	Dunlap		water temp at site 1 is 54F	
RTM	East Loon	Lake has receded to normal (down 8 in) since May 3, 2018. Algae Bloom in water column and attached to submerged plants.		
RTM	East Loon	Lake has receded to normal (down 8 in) since May 3, 2018. Algae Bloom in water column and attached to submerged plants.		

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RJD	Dunlap	31-May-18	10:00	RJD-3	28	FALSE	FALSE	0	17	8.0
RJD	Dunlap	14-Jun-18	16:45	RJD-1	24	FALSE	FALSE	0	9	22.0
RJD	Dunlap	14-Jun-18	16:55	RJD-1	24	FALSE	FALSE	0	11	16.0
RJD	Dunlap	14-Jun-18	17:05	RJD-1	20	FALSE	FALSE	0	11	8.0
RJD	Dunlap	20-Jul-18	15:30	RJD-1	29	FALSE	FALSE	0	9	22.0
RJD	Dunlap	20-Jul-18	15:40	RJD-1	29	FALSE	FALSE	0	9	16.0
RJD	Dunlap	20-Jul-18	15:50	RJD-1	25	FALSE	FALSE	0	9	8.0
RJD	Dunlap	18-Aug-18	09:10	RJD-1	34	FALSE	FALSE	0	9	22.0
RJD	Dunlap	18-Aug-18	09:20	RJD-1	30	FALSE	FALSE	0	9	15.5
RJD	Dunlap	18-Aug-18	09:30	RJD-1	22	FALSE	FALSE	0	11	8.0
RJD	Dunlap	29-Sep-18	09:00	RJD-1	25	FALSE	FALSE	0	11	23.0
RJD	Dunlap	29-Sep-18	09:15	RJD-1	22	FALSE	FALSE	0	11	16.0
RJD	Dunlap	29-Sep-18	09:25	RJD-1	18	FALSE	FALSE	0	11	8.5
RJD	Dunlap	18-Oct-18	16:20	RJD-1	28	FALSE	FALSE	0	11	22.0
RJD	Dunlap	18-Oct-18	16:40	RJD-2	28	FALSE	FALSE	0	11	15.0
RJD	Dunlap	18-Oct-18	16:50	RJD-3	23	FALSE	FALSE	0	8	7.0
RJD	Dunlap	06-Nov-18	16:00	RJD-1	29	FALSE	FALSE	0	12	21.0
RJD	Dunlap	06-Nov-18	16:10	RJD-2	29	FALSE	FALSE	0	12	15.5
RJD	Dunlap	06-Nov-18	16:20	RJD-3	27	FALSE	FALSE	0	12	8.5
RJD	Dunlap	06-Nov-18	16:00	RJD-1	29	FALSE	FALSE	0	12	21.0
RJD	Dunlap	06-Nov-18	16:10	RJD-2	29	FALSE	FALSE	0	12	15.5
RJD	Dunlap	06-Nov-18	16:20	RJD-3	27	FALSE	FALSE	0	12	8.5
RTM	East Loon	14-Jun-18	08:05	RTM-1	96	FALSE	FALSE	0	13	22.0
RTM	East Loon	14-Jun-18	08:15	RTM-2	49	FALSE	TRUE	4	13	6.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTM	East Loon	LAKE	26% To 50%	0.25	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
RTM	East Loon	LAKE	26% To 50%	0.00	Sunny	Small Waves	W	Normal or Full	0	2.00
RTM	East Loon	LAKE	26% To 50%	0.00	Sunny	Small Waves	W	Normal or Full	0	2.00
RTM	East Loon	LAKE	26% To 50%	0.00	Sunny	Small Waves	W	Normal or Full	0	2.00
RTM	East Loon	LAKE	26% To 50%	0.25	Partly Cloudy	Calm/Ripple	W	Below Normal	4	2.00
RTM	East Loon	LAKE	26% To 50%	0.25	Partly Cloudy	Calm/Ripple	W	Below Normal	4	2.00
RTM	East Loon	LAKE	26% To 50%	0.25	Partly Cloudy	Calm/Ripple	W	Below Normal	4	2.00
RTM	East Loon	LAKE	26% To 50%	0.00	Sunny	Calm/Ripple	S	Above Normal	4	1.00
RTM	East Loon	LAKE	26% To 50%	0.00	Sunny	Calm/Ripple	S	Above Normal	4	1.00
RTM	East Loon	LAKE	26% To 50%	0.00	Sunny	Calm/Ripple	S	Above Normal	4	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Overcast	Small Waves	S	Normal or Full	0	2.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Overcast	Small Waves	S	Normal or Full	0	2.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Overcast	Small Waves	S	Normal or Full	0	2.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
RTZR	Echo	LAKE	Greater than 70%	3.00	Partly Cloudy	Small Waves	S	Above Normal	12	1.00
RTZR	Echo	LAKE	Greater than 70%	3.00	Partly Cloudy	Small Waves	S	Above Normal	12	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RTM	East Loon	Lake has receded to normal (down 8 in) since May 3, 2018. Algae Bloom in water column and attached to submerged plants.		
RTM	East Loon	Heavy rains closed the lake on June 29. Lake level to the spring normal		weed harvesting
RTM	East Loon	Heavy rains closed the lake on June 29. Lake level to the spring normal		weed harvesting
RTM	East Loon	Heavy rains closed the lake on June 29. Lake level to the spring normal		weed harvesting
RTM	East Loon			Herbicide Treatment 7/24. Mechanical Harvesting ongoing
RTM	East Loon			Herbicide Treatment 7/24. Mechanical Harvesting ongoing
RTM	East Loon			Herbicide Treatment 7/24. Mechanical Harvesting ongoing
RTM	East Loon			Mechanical Harvesting ongoing
RTM	East Loon			Mechanical Harvesting ongoing
RTM	East Loon			Mechanical Harvesting ongoing
RTZR	Echo	Lake covered 100% by submerged aquatic plants. Algae present on the surface in areas. Curlyleaf, coontail, and <u>S. naiad present</u> .		No treatments this season so far.
RTZR	Echo	Lake covered 100% by submerged aquatic plants. Algae present on the surface in areas. Curlyleaf, coontail, and <u>S. naiad present</u> .		No treatments this season so far.
RTZR	Echo	Lake covered 100% by submerged aquatic plants. Algae present on the surface in areas. Curlyleaf, coontail, and <u>S. naiad present</u> .		No treatments this season so far.
RTZR	Echo	Weeds dying back from treatment on 6/4/2018	treated on 6/4/18 for weeds and algae	
RTZR	Echo	Weeds dying back from treatment on 6/4/2018	treated on 6/4/18 for weeds and algae	
RTZR	Echo	Weeds dying back from treatment on 6/4/2018	treated on 6/4/18 for weeds and algae	
RTZR	Echo	Rain on and off for last 2 weeks		lake treated for plants June 4, 2018
RTZR	Echo	Rain on and off for last 2 weeks		lake treated for plants June 4, 2018

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTM	East Loon	14-Jun-18	08:10	RTM-3	93	FALSE	FALSE	0	13	11.5
RTM	East Loon	09-Jul-18	11:23	RTM-1	36	FALSE	FALSE	0	13	22.0
RTM	East Loon	09-Jul-18	11:12	RTM-2	37	FALSE	FALSE	2	13	5.5
RTM	East Loon	09-Jul-18	11:02	RTM-3	40	FALSE	FALSE	0	13	14.5
RTM	East Loon	09-Aug-18	15:17	RTM-1	34	FALSE	FALSE	0	13	19.5
RTM	East Loon	09-Aug-18	15:10	RTM-2	33	FALSE	FALSE	0	13	5.0
RTM	East Loon	09-Aug-18	15:25	RTM-3	34	FALSE	FALSE	0	13	13.0
RTM	East Loon	12-Sep-18	11:20	RTM-1	47	FALSE	FALSE	0	13	21.0
RTM	East Loon	12-Sep-18	11:27	RTM-2	42	FALSE	FALSE	0	13	5.5
RTM	East Loon	12-Sep-18	11:35	RTM-3	45	FALSE	FALSE	0	13	13.0
RTZR	Echo	29-May-18	12:05	RTZR-1	86	FALSE	FALSE	0	12	11.0
RTZR	Echo	29-May-18	11:30	RTZR-2	36	FALSE	TRUE	4	8	4.0
RTZR	Echo	29-May-18	11:46	RTZR-3	42	FALSE	FALSE	3	8	3.5
RTZR	Echo	14-Jun-18	12:01	RTZR-1	49	FALSE	FALSE	3	12	12.0
RTZR	Echo	14-Jun-18	12:20	RTZR-2	35	FALSE	TRUE	4	11	5.0
RTZR	Echo	14-Jun-18	12:30	RTZR-3	48	FALSE	TRUE	4	11	5.0
RTZR	Echo	27-Jun-18	11:50	RTZR-1	48	FALSE	FALSE	2	13	11.0
RTZR	Echo	27-Jun-18	11:43	RTZR-2	36	FALSE	FALSE	2	13	5.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZR	Echo	LAKE	Greater than 70%	3.00	Partly Cloudy	Small Waves	S	Above Normal	12	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Sunny	Calm/Ripple	N	Below Normal	2	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Sunny	Calm/Ripple	N	Below Normal	2	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Sunny	Calm/Ripple	N	Below Normal	2	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Overcast	Calm/Ripple	S	Below Normal	3	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Overcast	Calm/Ripple	S	Below Normal	3	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Overcast	Calm/Ripple	S	Below Normal	3	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Sunny	Moderate Waves	E	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Sunny	Moderate Waves	E	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Sunny	Moderate Waves	E	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	E	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	E	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	E	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Moderate Waves	N	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Moderate Waves	N	Normal or Full	0	1.00
RTZR	Echo	LAKE	26% To 50%	0.00	Partly Cloudy	Moderate Waves	N	Normal or Full	0	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	1	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	1	1.00
RTZR	Echo	LAKE	Greater than 70%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	1	1.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.05	Overcast	Calm/Ripple	W	Below Normal	2.04	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.05	Overcast	Calm/Ripple	W	Below Normal	2.04	3.00

Lake Code	Waterbody	Observations	Other Information	Management
RTZR	Echo	Rain on and off for last 2 weeks		lake treated for plants June 4, 2018
RTZR	Echo	Lots of coontail and some algae.		
RTZR	Echo	Lots of coontail and some algae.		
RTZR	Echo	Lots of coontail and some algae.		
RTZR	Echo	Coontail covers 90% of lake plus 60% algae coverage at surface.		
RTZR	Echo	Coontail covers 90% of lake plus 60% algae coverage at surface.		
RTZR	Echo	Coontail covers 90% of lake plus 60% algae coverage at surface.		
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
RTZR	Echo			
SDA	Evergreen	Chemistry, Chlorophyll, nutrient samples sent to contract lab. Will send data+DO/temp data at end of season.		
SDA	Evergreen	Chemistry, Chlorophyll, nutrient samples sent to contract lab. Will send data+DO/temp data at end of season.		

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZR	Echo	27-Jun-18	12:01	RTZR-3	46	FALSE	FALSE	2	11	4.0
RTZR	Echo	11-Jul-18	13:07	RTZR-1	90	FALSE	FALSE	0	12	11.0
RTZR	Echo	11-Jul-18	13:15	RTZR-2	36	FALSE	TRUE	4	12	5.0
RTZR	Echo	11-Jul-18	13:30	RTZR-3	40	FALSE	TRUE	4	12	4.0
RTZR	Echo	31-Jul-18	10:53	RTZR-1	39	FALSE	TRUE	4	12	3.5
RTZR	Echo	31-Jul-18	10:46	RTZR-2	84	FALSE	FALSE	1	12	11.0
RTZR	Echo	31-Jul-18	10:40	RTZR-3	30	FALSE	TRUE	4	12	36.0
RTZR	Echo	17-Oct-18	12:00	RTZR-1	49	FALSE	FALSE	0	12	10.0
RTZR	Echo	17-Oct-18	12:20	RTZR-2	35	FALSE	FALSE	0	12	5.0
RTZR	Echo	17-Oct-18	12:30	RTZR-3	47	FALSE	FALSE	0	12	4.0
RTZR	Echo	04-Oct-18	11:30	RTZR-1	25	FALSE	FALSE	0	13	9.0
RTZR	Echo	04-Oct-18	11:15	RTZR-2	23	FALSE	FALSE	0	13	4.5
RTZR	Echo	04-Oct-18	12:05	RTZR-3	24	FALSE	FALSE	0	13	3.0
RTZR	Echo	24-Sep-18	11:05	RTZR-1	20	FALSE	FALSE	0	13	8.5
RTZR	Echo	24-Sep-18	10:57	RTZR-2	78	FALSE	FALSE	0	13	4.0
RTZR	Echo	24-Sep-18	11:10	RTZR-3	19	FALSE	FALSE	0	13	3.0
RTZR	Echo	08-Sep-18	10:25	RTZR-1	21	FALSE	FALSE	0	13	9.0
RTZR	Echo	08-Sep-18	11:35	RTZR-2	19	FALSE	FALSE	0	13	4.5
RTZR	Echo	08-Sep-18	11:50	RTZR-3	20	FALSE	FALSE	0	13	3.0
RTZR	Echo	25-Aug-18	11:00	RTZR-1	20	FALSE	FALSE	0	13	8.0
RTZR	Echo	25-Aug-18	10:50	RTZR-2	18	FALSE	FALSE	0	13	4.0
RTZR	Echo	25-Aug-18	11:10	RTZR-3	19	FALSE	FALSE	0	13	3.0
RTZR	Echo	13-Aug-18	12:00	RTZR-1	35	FALSE	TRUE	4	12	3.5
RTZR	Echo	13-Aug-18	12:15	RTZR-2	40	FALSE	FALSE	3	12	7.0
RTZR	Echo	13-Aug-18	12:30	RTZR-3	25	FALSE	FALSE	3	12	3.0
SDA	Evergreen	11-May-18	10:05	SDA-1	28	FALSE	FALSE	0	11	50.0
SDA	Evergreen	11-May-18	10:36	SDA-2	18	FALSE	FALSE	0	6	10.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
SDA	Evergreen	MCLEAN	Less Than 5%	0.05	Overcast	Calm/Ripple	W	Below Normal	2.04	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.05	Overcast	Calm/Ripple	W	Below Normal	2.04	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.09	Sunny	Calm/Ripple	N	Normal or Full	0	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.09	Sunny	Calm/Ripple	N	Normal or Full	0	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.09	Sunny	Calm/Ripple	N	Normal or Full	0	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.09	Sunny	Calm/Ripple	N	Normal or Full	0	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	S	Normal or Full	0	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	S	Normal or Full	0	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	S	Normal or Full	0	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Small Waves	S	Normal or Full	0	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	S	Above Normal	0.36	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	S	Above Normal	0.36	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	S	Above Normal	0.36	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	S	Above Normal	0.36	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	0.48	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	0.48	3.00

Lake Code	Waterbody	Observations	Other Information	Management
SDA	Evergreen	Chemistry, Chlorophyll, nutrient samples sent to contract lab. Will send data+DO/temp data at end of season.		
SDA	Evergreen	Chemistry, Chlorophyll, nutrient samples sent to contract lab. Will send data+DO/temp data at end of season.		
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen	Nutrient Solids Chlorophyll sent to contract lab & DO profiles. Will be sent at end of season.		
SDA	Evergreen	Nutrient Solids Chlorophyll sent to contract lab & DO profiles. Will be sent at end of season.		
SDA	Evergreen	Nutrient Solids Chlorophyll sent to contract lab & DO profiles. Will be sent at end of season.		
SDA	Evergreen	Nutrient Solids Chlorophyll sent to contract lab & DO profiles. Will be sent at end of season.		
SDA	Evergreen		Nutrients/Solids/Chlorophyll samples sent to contract lab. Will send results (plus DO/temp profiles) at end of season.	
SDA	Evergreen		Nutrients/Solids/Chlorophyll samples sent to contract lab. Will send results (plus DO/temp profiles) at end of season.	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
SDA	Evergreen	11-May-18	10:46	SDA-3	16	FALSE	FALSE	0	10	10.0
SDA	Evergreen	11-May-18	10:20	SDA-4	28	FALSE	FALSE	0	11	33.0
SDA	Evergreen	23-May-18	09:28	SDA-1	56	FALSE	FALSE	0	2	46.0
SDA	Evergreen	23-May-18	10:10	SDA-2	30	FALSE	FALSE	0	6	10.0
SDA	Evergreen	23-May-18	10:19	SDA-3	16	FALSE	FALSE	0	15	10.0
SDA	Evergreen	23-May-18	09:50	SDA-4	42	FALSE	FALSE	0	4	35.0
SDA	Evergreen	05-Jun-18	09:35	SDA-1	44	FALSE	FALSE	0	8	48.0
SDA	Evergreen	05-Jun-18	10:15	SDA-2	30	FALSE	FALSE	0	7	9.0
SDA	Evergreen	05-Jun-18	10:25	SDA-3	16	FALSE	FALSE	0	15	11.0
SDA	Evergreen	05-Jun-18	09:53	SDA-4	38	FALSE	FALSE	0	8	35.0
SDA	Evergreen	20-Jun-18	09:23	SDA-1	36	FALSE	FALSE	0	6	47.0
SDA	Evergreen	20-Jun-18	09:57	SDA-2	30	FALSE	FALSE	0	6	8.0
SDA	Evergreen	20-Jun-18	10:07	SDA-3	20	FALSE	FALSE	0	11	11.0
SDA	Evergreen	20-Jun-18	09:45	SDA-4	38	FALSE	FALSE	0	8	34.0
SDA	Evergreen	03-Jul-18	09:28	SDA-1	48	FALSE	FALSE	0	8	48.0
SDA	Evergreen	03-Jul-18	10:00	SDA-2	34	FALSE	FALSE	1	11	9.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	0.48	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	0.48	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	11.52	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	11.52	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	11.52	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	11.52	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Below Normal	18.24	4.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Below Normal	18.24	4.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Below Normal	18.24	4.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Below Normal	18.24	4.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	29.04	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	29.04	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	29.04	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	29.04	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	S	Below Normal	38.04	3.00
SDA	Evergreen	MCLEAN	Less Than 5%	0.00	Overcast	Calm/Ripple	S	Below Normal	38.04	3.00

Lake Code	Waterbody	Observations	Other Information	Management
SDA	Evergreen		Nutrients/Solids/Chlorophyll samples sent to contract lab. Will send results (plus DO/temp profiles) at end of season.	
SDA	Evergreen		Nutrients/Solids/Chlorophyll samples sent to contract lab. Will send results (plus DO/temp profiles) at end of season.	
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen			
SDA	Evergreen		Nutrients+chemistry+solids samples sent to contract lab. DO/Temp profiles All will be sent at end of season	
SDA	Evergreen		Nutrients+chemistry+solids samples sent to contract lab. DO/Temp profiles All will be sent at end of season	
SDA	Evergreen		Nutrients+chemistry+solids samples sent to contract lab. DO/Temp profiles All will be sent at end of season	
SDA	Evergreen		Nutrients+chemistry+solids samples sent to contract lab. DO/Temp profiles All will be sent at end of season	
SDA	Evergreen			Chemistry samples + chlorophyll sent to contract lab. DO+temp probe will be sent at end of season
SDA	Evergreen			Chemistry samples + chlorophyll sent to contract lab. DO+temp probe will be sent at end of season

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
SDA	Evergreen	03-Jul-18	10:10	SDA-3	20	FALSE	FALSE	0	15	11.0
SDA	Evergreen	03-Jul-18	09:45	SDA-4	38	FALSE	FALSE	0	8	36.0
SDA	Evergreen	18-Jul-18	09:30	SDA-1	28	FALSE	FALSE	0	6	45.0
SDA	Evergreen	18-Jul-18	10:10	SDA-2	18	FALSE	FALSE	1	10	12.0
SDA	Evergreen	18-Jul-18	10:20	SDA-3	12	FALSE	FALSE	0	16	12.0
SDA	Evergreen	18-Jul-18	09:55	SDA-4	24	FALSE	FALSE	0	10	29.0
SDA	Evergreen	31-Jul-18	09:15	SDA-1	26	FALSE	FALSE	0	11	44.0
SDA	Evergreen	31-Jul-18	10:15	SDA-2	18	FALSE	FALSE	0	16	7.0
SDA	Evergreen	31-Jul-18	10:25	SDA-3	14	FALSE	FALSE	0	15	9.0
SDA	Evergreen	31-Jul-18	09:55	SDA-4	24	FALSE	FALSE	0	11	30.0
SDA	Evergreen	14-Aug-18	09:25	SDA-1	30	FALSE	FALSE	0	9	46.0
SDA	Evergreen	14-Aug-18	11:19	SDA-2	18	FALSE	FALSE	0	10	8.0
SDA	Evergreen	14-Aug-18	11:38	SDA-3	16	FALSE	FALSE	0	10	8.0
SDA	Evergreen	14-Aug-18	10:29	SDA-4	26	FALSE	FALSE	0	9	30.0
SDA	Evergreen	29-Aug-18	09:25	SDA-1	30	FALSE	FALSE	0	9	41.0
SDA	Evergreen	29-Aug-18	10:05	SDA-2	22	FALSE	FALSE	0	10	7.0

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
SDA	Evergreen	29-Aug-18	10:11	SDA-3	16	FALSE	FALSE	0	15	8.0
SDA	Evergreen	29-Aug-18	09:45	SDA-4	28	FALSE	FALSE	0	10	32.0
SDA	Evergreen	11-Sep-18	09:36	SDA-1	32	FALSE	FALSE	0	16	42.0
SDA	Evergreen	11-Sep-18	10:07	SDA-2	22	FALSE	FALSE	0	10	7.0
SDA	Evergreen	11-Sep-18	10:20	SDA-3	16	FALSE	FALSE	0	5	8.0
SDA	Evergreen	11-Sep-18	09:50	SDA-4	32	FALSE	FALSE	0	16	29.0
SDA	Evergreen	25-Sep-18	09:34	SDA-1	30	FALSE	FALSE	0	11	43.0
SDA	Evergreen	25-Sep-18	10:02	SDA-2	22	FALSE	FALSE	0	9	6.0
SDA	Evergreen	25-Sep-18	10:10	SDA-3	20	FALSE	FALSE	0	10	6.0
SDA	Evergreen	25-Sep-18	09:50	SDA-4	30	FALSE	FALSE	0	11	26.0
SDA	Evergreen	09-Oct-18	09:55	SDA-1	32	FALSE	FALSE	0	9	41.0
SDA	Evergreen	09-Oct-18	10:32	SDA-2	16	FALSE	FALSE	0	15	7.0
SDA	Evergreen	09-Oct-18	10:53	SDA-3	14	FALSE	FALSE	0	16	7.0
SDA	Evergreen	09-Oct-18	10:15	SDA-4	30	FALSE	FALSE	0	9	27.0
SDA	Evergreen	24-Oct-18	09:18	SDA-1	36	FALSE	FALSE	0	8	40.0
SDA	Evergreen	24-Oct-18	09:50	SDA-2	24	FALSE	FALSE	0	8	7.0
SDA	Evergreen	24-Oct-18	10:00	SDA-3	16	FALSE	FALSE	0	11	7.0
SDA	Evergreen	24-Oct-18	09:40	SDA-4	30	FALSE	FALSE	0	8	29.0
RGZG	Forest	24-May-18	17:42	RGZG-1	30	FALSE	FALSE	0	12	8.0
RGZG	Forest	24-May-18	17:50	RGZG-2	26	FALSE	FALSE	0	12	7.0
RGZG	Forest	24-May-18	17:55	RGZG-3	26	FALSE	FALSE	0	13	5.0
RGZG	Forest	24-May-18	18:00	RGZG-4	23	FALSE	FALSE	0	13	8.5
RGZG	Forest	04-Jun-18	17:10	RGZG-1	33	FALSE	FALSE	0	12	8.0
RGZG	Forest	04-Jun-18	17:20	RGZG-2	35	FALSE	FALSE	0	12	6.5
RGZG	Forest	04-Jun-18	17:30	RGZG-3	35	FALSE	FALSE	0	12	5.0
RGZG	Forest	04-Jun-18	17:40	RGZG-4	48	FALSE	FALSE	0	13	8.0
RGZG	Forest	17-Jun-18	08:46	RGZG-1	60	FALSE	FALSE	0	12	7.5
RGZG	Forest	17-Jun-18	08:56	RGZG-2	55	FALSE	FALSE	0	12	7.0
RGZG	Forest	17-Jun-18	09:02	RGZG-3	42	FALSE	FALSE	0	12	5.0
RGZG	Forest	17-Jun-18	09:07	RGZG-4	48	FALSE	FALSE	0	13	8.0
RGZG	Forest	02-Jul-18	17:20	RGZG-1	61	FALSE	FALSE	0	12	7.5
RGZG	Forest	02-Jul-18	17:30	RGZG-2	67	FALSE	FALSE	0	12	7.0
RGZG	Forest	02-Jul-18	17:25	RGZG-3	48	FALSE	FALSE	0	12	5.0
RGZG	Forest	02-Jul-18	17:45	RGZG-4	52	FALSE	FALSE	0	12	8.5
RGZG	Forest	11-Jul-18	17:35	RGZG-1	32	FALSE	FALSE	0	12	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGZG	Forest	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	N	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	N	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	N	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	N	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	S	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	S	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	S	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	S	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	1.38	Partly Cloudy	Moderate Waves	N	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	1.38	Partly Cloudy	Moderate Waves	N	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	1.38	Partly Cloudy	Moderate Waves	N	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	1.38	Partly Cloudy	Moderate Waves	N	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	S	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	S	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	S	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.18	Sunny	Calm/Ripple	E	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.18	Sunny	Calm/Ripple	E	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.18	Sunny	Calm/Ripple	E	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.18	Sunny	Calm/Ripple	E	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.06	Sunny	Calm/Ripple	SE	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.06	Sunny	Calm/Ripple	SE	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.06	Sunny	Calm/Ripple	SE	No Selection	0	2.00
RGZG	Forest	LAKE	Less Than 5%	0.06	Sunny	Calm/Ripple	SE	No Selection	0	2.00
RGZC	Fourth	LAKE	26% To 50%	0.00	Sunny	Small Waves	N	No Selection	0	12.00

Lake Code	Waterbody	Observations	Other Information	Management
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
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RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZG	Forest			
RGZC	Fourth		EWM water flowing into miltmore pipe	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGZG	Forest	11-Jul-18	17:45	RGZG-2	30	FALSE	FALSE	0	12	6.5
RGZG	Forest	11-Jul-18	17:50	RGZG-3	31	FALSE	FALSE	0	12	4.5
RGZG	Forest	11-Jul-18	18:00	RGZG-4	48	FALSE	FALSE	0	13	7.5
RGZG	Forest	05-Aug-18	09:52	RGZG-1	33	FALSE	FALSE	0	12	7.0
RGZG	Forest	05-Aug-18	09:59	RGZG-2	32	FALSE	FALSE	0	12	6.5
RGZG	Forest	05-Aug-18	10:04	RGZG-3	32	FALSE	FALSE	0	12	4.5
RGZG	Forest	05-Aug-18	10:15	RGZG-4	47	FALSE	FALSE	0	13	7.5
RGZG	Forest	13-Aug-18	17:50	RGZG-1	30	FALSE	FALSE	0	13	7.0
RGZG	Forest	13-Aug-18	17:58	RGZG-2	24	FALSE	FALSE	0	17	6.5
RGZG	Forest	13-Aug-18	18:05	RGZG-3	26	FALSE	FALSE	0	12	4.5
RGZG	Forest	13-Aug-18	18:15	RGZG-4	31	FALSE	FALSE	0	12	7.0
RGZG	Forest	02-Sep-18	11:10	RGZG-1	33	FALSE	FALSE	0	12	7.5
RGZG	Forest	02-Sep-18	11:20	RGZG-2	32	FALSE	FALSE	0	12	6.0
RGZG	Forest	02-Sep-18	11:35	RGZG-3	32	FALSE	FALSE	0	12	4.5
RGZG	Forest	02-Sep-18	11:45	RGZG-4	30	FALSE	FALSE	0	12	7.5
RGZG	Forest	16-Sep-18	13:10	RGZG-1	48	FALSE	FALSE	0	13	7.5
RGZG	Forest	16-Sep-18	13:20	RGZG-2	43	FALSE	FALSE	0	12	6.5
RGZG	Forest	16-Sep-18	13:30	RGZG-3	43	FALSE	FALSE	0	12	4.5
RGZG	Forest	16-Sep-18	13:40	RGZG-4	25	FALSE	FALSE	0	13	8.0
RGZG	Forest	15-Oct-18	17:43	RGZG-1	32	FALSE	FALSE	0	12	8.0
RGZG	Forest	15-Oct-18	17:50	RGZG-2	35	FALSE	FALSE	0	12	7.0
RGZG	Forest	15-Oct-18	17:56	RGZG-3	35	FALSE	FALSE	0	12	5.0
RGZG	Forest	15-Oct-18	18:05	RGZG-4	27	FALSE	FALSE	0	13	9.0
RGZG	Forest	29-Oct-18	17:00	RGZG-1	45	FALSE	FALSE	0	12	7.5
RGZG	Forest	29-Oct-18	17:05	RGZG-2	46	FALSE	FALSE	0	12	6.5
RGZG	Forest	29-Oct-18	17:10	RGZG-3	54	FALSE	FALSE	0	12	4.5
RGZG	Forest	29-Oct-18	17:15	RGZG-4	48	FALSE	FALSE	0	3	8.0
RGZC	Fourth	17-May-18	08:45	RGZC-1	45	TRUE	FALSE	0	12	4.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REZO	Frontier	SANGAMON	Less Than 5%	4.06	Sunny	Calm/Ripple	NW	Above Normal	0.5	1.00
REZO	Frontier	SANGAMON	Less Than 5%	4.06	Sunny	Calm/Ripple	NW	Above Normal	0.5	1.00
REZO	Frontier	SANGAMON	Less Than 5%	4.06	Sunny	Calm/Ripple	NW	Above Normal	0.5	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.20	Partly Cloudy	Small Waves	N	Above Normal	3	2.00

Lake Code	Waterbody	Observations	Other Information	Management
REZO	Frontier	None	None	Sediment control practices maintained at curb inlets on Betrus Road where new home is being built. During storm events plumes of sediment are visible entering the cove where the drains outlet into the Lake. Residents don't understand the interconnectedness between how they manage their property i.e. sediment, septic systems, grass clippings, fertilizers etc. and the health of the lake.
REZO	Frontier	None	None	Sediment control practices maintained at curb inlets on Betrus Road where new home is being built. During storm events plumes of sediment are visible entering the cove where the drains outlet into the Lake. Residents don't understand the interconnectedness between how they manage their property i.e. sediment, septic systems, grass clippings, fertilizers etc. and the health of the lake.
REZO	Frontier	None	None	Sediment control practices maintained at curb inlets on Betrus Road where new home is being built. During storm events plumes of sediment are visible entering the cove where the drains outlet into the Lake. Residents don't understand the interconnectedness between how they manage their property i.e. sediment, septic systems, grass clippings, fertilizers etc. and the health of the lake.
REZO	Frontier	None	None	Sediment control practice maintenance

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REZO	Frontier	01-Aug-18	13:24	REZO-1	20	FALSE	FALSE	0	12	27.0
REZO	Frontier	01-Aug-18	13:56	REZO-2	21	FALSE	FALSE	0	17	24.5
REZO	Frontier	01-Aug-18	14:12	REZO-3	23	FALSE	FALSE	0	8	9.0
REZO	Frontier	29-Aug-18	17:19	REZO-1	13	FALSE	FALSE	0	17	27.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REZO	Frontier	SANGAMON	Less Than 5%	0.20	Partly Cloudy	Small Waves	N	Above Normal	3	2.00
REZO	Frontier	SANGAMON	Less Than 5%	0.20	Partly Cloudy	Small Waves	N	Above Normal	3	2.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SE	Normal or Full	0	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SE	Normal or Full	0	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SE	Normal or Full	0	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	3	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	3	1.00

Lake Code	Waterbody	Observations	Other Information	Management
REZO	Frontier	None	None	Sediment control practice maintenance
REZO	Frontier	None	None	Sediment control practice maintenance
REZO	Frontier	None	None	Maintained sediment control practices at road inlets
REZO	Frontier	None	None	Maintained sediment control practices at road inlets
REZO	Frontier	None	None	Maintained sediment control practices at road inlets
REZO	Frontier			Maintained sediment control practices at road inlet
REZO	Frontier			Maintained sediment control practices at road inlet
REZO	Frontier			Maintained sediment control practices at road inlet
REZO	Frontier		Variation in lake bottom depth at sites over time is attributed to sedimentation and uneven lake bottom	Sediment control practices on Betrus road drain inlet maintained. Frontier Lake Committee continues to encourage the Frontier Lake Association to implement recommendations to improve the health of the lake including creel limits and fish stocking consistent with IDNR's fish shocking survey and recommendations.
REZO	Frontier		Variation in lake bottom depth at sites over time is attributed to sedimentation and uneven lake bottom	Sediment control practices on Betrus road drain inlet maintained. Frontier Lake Committee continues to encourage the Frontier Lake Association to implement recommendations to improve the health of the lake including creel limits and fish stocking consistent with IDNR's fish shocking survey and recommendations.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REZO	Frontier	29-Aug-18	17:41	REZO-2	13	FALSE	FALSE	0	17	25.0
REZO	Frontier	29-Aug-18	17:53	REZO-3	15	FALSE	FALSE	0	17	7.5
REZO	Frontier	24-Sep-18	18:56	REZO-1	15	FALSE	FALSE	0	17	27.5
REZO	Frontier	24-Sep-18	19:05	REZO-2	15	FALSE	FALSE	0	17	26.5
REZO	Frontier	24-Sep-18	19:18	REZO-3	13	FALSE	FALSE	0	18	7.5
REZO	Frontier	30-Sep-18	18:10	REZO-1	15	FALSE	FALSE	0	17	25.5
REZO	Frontier	30-Sep-18	18:21	REZO-2	15	FALSE	FALSE	0	17	26.5
REZO	Frontier	30-Sep-18	18:40	REZO-3	16	FALSE	FALSE	0	17	8.5
REZO	Frontier	18-Oct-18	17:15	REZO-1	23	FALSE	FALSE	0	17	27.5
REZO	Frontier	18-Oct-18	17:33	REZO-2	24	FALSE	FALSE	0	17	26.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	3	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	2.75	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	2.75	1.00
REZO	Frontier	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	2.75	1.00
RLH	Fyre	MERCER	26% To 50%	0.00	Overcast	Calm/Ripple	E	Normal or Full	0	2.00
RLH	Fyre	MERCER	26% To 50%	0.00	Overcast	Calm/Ripple	E	Normal or Full	0	2.00
RLH	Fyre	MERCER	26% To 50%	0.00	Overcast	Calm/Ripple	E	Normal or Full	0	2.00
RLH	Fyre	MERCER	5% To 25%	0.40	Sunny	Calm/Ripple	W	Above Normal	6	1.00
RLH	Fyre	MERCER	5% To 25%	0.40	Sunny	Calm/Ripple	W	Above Normal	6	1.00
RLH	Fyre	MERCER	5% To 25%	0.40	Sunny	Calm/Ripple	W	Above Normal	6	1.00
RLH	Fyre	MERCER	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	W	Below Normal	4	1.00
RLH	Fyre	MERCER	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	W	Below Normal	4	1.00
RLH	Fyre	MERCER	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	W	Below Normal	4	1.00
RLH	Fyre	MERCER	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Above Normal	3	1.00
RLH	Fyre	MERCER	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Above Normal	3	1.00
RLH	Fyre	MERCER	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Above Normal	3	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Moderate Waves	S	Above Normal	7	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Moderate Waves	S	Above Normal	7	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Moderate Waves	S	Above Normal	7	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	W	Above Normal	0	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	W	Above Normal	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
REZO	Frontier		Variation in lake bottom depth at sites over time is attributed to sedimentation and uneven lake bottom	Sediment control practices on Betrus road drain inlet maintained. Frontier Lake Committee continues to encourage the Frontier Lake Association to implement recommendations to improve the health of the lake including creel limits and fish stocking consistent with IDNR's fish shocking survey and recommendations.
REZO	Frontier			Maintained sediment control practices on Betrus Road drain inlet.
REZO	Frontier			Maintained sediment control practices on Betrus Road drain inlet.
REZO	Frontier			Maintained sediment control practices on Betrus Road drain inlet.
RLH	Fyre		Increased Growth of Weeds and Algae. Golf course Fertilizer?	
RLH	Fyre		Increased Growth of Weeds and Algae. Golf course Fertilizer?	
RLH	Fyre		Increased Growth of Weeds and Algae. Golf course Fertilizer?	
RLH	Fyre	Very Rainy, 5.5" in last week		June 6 Pondweed control applied
RLH	Fyre	Very Rainy, 5.5" in last week		June 6 Pondweed control applied
RLH	Fyre	Very Rainy, 5.5" in last week		June 6 Pondweed control applied
RLH	Fyre	No rain for a couple of weeks		
RLH	Fyre	No rain for a couple of weeks		
RLH	Fyre	No rain for a couple of weeks		
RLH	Fyre	3" of Rain in last week and a half		
RLH	Fyre	3" of Rain in last week and a half		
RLH	Fyre	3" of Rain in last week and a half		
RGI	Gages		water temp=64.9F	fish stocking early Oct, 60% SMB, 40% walleye
RGI	Gages		water temp=64.9F	fish stocking early Oct, 60% SMB, 40% walleye
RGI	Gages		water temp=64.9F	fish stocking early Oct, 60% SMB, 40% walleye
RGI	Gages		water temp 80.2F	
RGI	Gages		water temp 80.2F	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REZO	Frontier	18-Oct-18	17:53	REZO-3	23	FALSE	FALSE	0	17	7.5
REZO	Frontier	24-Oct-18	17:30	REZO-1	34	FALSE	FALSE	0	17	27.0
REZO	Frontier	24-Oct-18	17:50	REZO-2	30	FALSE	FALSE	0	17	26.0
REZO	Frontier	24-Oct-18	18:05	REZO-3	27	FALSE	FALSE	0	17	7.5
RLH	Fyre	29-May-18	10:20	RLH-1	180	FALSE	FALSE	0	8	37.0
RLH	Fyre	29-May-18	10:34	RLH-2	132	FALSE	FALSE	0	8	28.0
RLH	Fyre	29-May-18	10:43	RLH-3	115	FALSE	FALSE	1	12	13.0
RLH	Fyre	27-Jun-18	10:15	RLH-1	79	FALSE	FALSE	0	12	38.0
RLH	Fyre	27-Jun-18	10:30	RLH-2	87	FALSE	FALSE	0	12	28.0
RLH	Fyre	27-Jun-18	10:45	RLH-3	65	FALSE	FALSE	2	12	13.5
RLH	Fyre	31-Jul-18	10:00	RLH-1	68	FALSE	FALSE	0	17	38.0
RLH	Fyre	31-Jul-18	10:15	RLH-2	64	FALSE	FALSE	0	12	29.0
RLH	Fyre	31-Jul-18	10:30	RLH-3	58	FALSE	FALSE	1	12	13.0
RLH	Fyre	27-Aug-18	10:10	RLH-1	41	FALSE	FALSE	0	12	36.0
RLH	Fyre	27-Aug-18	10:25	RLH-2	39	FALSE	FALSE	0	12	27.0
RLH	Fyre	27-Aug-18	10:35	RLH-3	38	FALSE	FALSE	1	12	13.0
RGI	Gages	23-Sep-18	15:15	RGI-1	110	FALSE	FALSE	0	8	53.0
RGI	Gages	23-Sep-18	15:30	RGI-2	77	TRUE	FALSE	3	8	6.5
RGI	Gages	23-Sep-18	15:45	RGI-3	112	FALSE	FALSE	0	8	16.5
RGI	Gages	17-Sep-18	13:00	RGI-1	115	FALSE	FALSE	0	8	52.0
RGI	Gages	17-Sep-18	13:15	RGI-2	68	TRUE	FALSE	3	8	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	W	Above Normal	0	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	NW	Above Normal	8	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	NW	Above Normal	8	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	NW	Above Normal	8	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	E	Below Normal	2	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	E	Below Normal	2	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	E	Below Normal	2	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	SW	Above Normal	2	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	SW	Above Normal	2	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	SW	Above Normal	2	1.00
RGI	Gages	LAKE	51% To 70%	5.00	Partly Cloudy	Moderate Waves	NE	Above Normal	7	1.00
RGI	Gages	LAKE	51% To 70%	5.00	Partly Cloudy	Moderate Waves	NE	Above Normal	7	1.00
RGI	Gages	LAKE	51% To 70%	5.00	Partly Cloudy	Moderate Waves	NE	Above Normal	7	1.00
RGI	Gages	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	SE	Above Normal	3	3.00
RGI	Gages	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	SE	Above Normal	3	3.00
RGI	Gages	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	SE	Above Normal	3	3.00
RMM	Galena	JO DAVIESS		0.00	Sunny	Calm/Ripple	SW	Above Normal	0.75	4.00
RMM	Galena	JO DAVIESS		0.00	Sunny	Calm/Ripple	SW	Above Normal	0.75	4.00
RMM	Galena	JO DAVIESS		0.00	Sunny	Calm/Ripple	SW	Above Normal	0.75	4.00
RMM	Galena	JO DAVIESS	5% To 25%	1.62	Hazy	Calm/Ripple	NE	Above Normal	1.25	2.00
RMM	Galena	JO DAVIESS	5% To 25%	1.62	Hazy	Calm/Ripple	NE	Above Normal	1.25	2.00
RMM	Galena	JO DAVIESS	5% To 25%	1.62	Hazy	Calm/Ripple	NE	Above Normal	1.25	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RGI	Gages		water temp 80.2F	
RGI	Gages		water temp 79.8F	
RGI	Gages		water temp 79.8F	
RGI	Gages		water temp 79.8F	
RGI	Gages		water temp = 64.5F, in 60' hole secchi 22'3" is near record reading	
RGI	Gages		water temp = 64.5F, in 60' hole secchi 22'3" is near record reading	
RGI	Gages		water temp = 64.5F, in 60' hole secchi 22'3" is near record reading	
RGI	Gages		water temp = 81.2F	
RGI	Gages		water temp = 81.2F	
RGI	Gages		water temp = 81.2F	
RGI	Gages		water temp= 85.5F	
RGI	Gages		water temp= 85.5F	
RGI	Gages		water temp= 85.5F	
RGI	Gages		water temp 80.0F	
RGI	Gages		water temp 80.0F	
RGI	Gages		water temp 80.0F	
RGI	Gages		water temp=70.3F, highest lake level=+12" of 2018	
RGI	Gages		water temp=70.3F, highest lake level=+12" of 2018	
RGI	Gages		water temp=70.3F, highest lake level=+12" of 2018	
RGI	Gages		water temp 76.1F	
RGI	Gages		water temp 76.1F	
RGI	Gages		water temp 76.1F	
RMM	Galena	Coldest april on record, 60 deg temp last week		dredging marina area past month
RMM	Galena	Coldest april on record, 60 deg temp last week		dredging marina area past month
RMM	Galena	Coldest april on record, 60 deg temp last week		dredging marina area past month
RMM	Galena		lots of pollen on the lake surface	dredging marina
RMM	Galena		lots of pollen on the lake surface	dredging marina
RMM	Galena		lots of pollen on the lake surface	dredging marina

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGI	Gages	17-Sep-18	13:45	RGI-3	135	FALSE	FALSE	0	8	15.0
RGI	Gages	17-Jun-18	12:45	RGI-1	113	FALSE	FALSE	0	8	51.0
RGI	Gages	17-Jun-18	13:00	RGI-2	73	FALSE	FALSE	3	8	7.0
RGI	Gages	17-Jun-18	13:15	RGI-3	93	FALSE	FALSE	0	8	17.0
RGI	Gages	22-May-18	12:00	RGI-1	267	FALSE	FALSE	0	8	50.0
RGI	Gages	22-May-18	12:15	RGI-2	96	TRUE	FALSE	3	8	8.0
RGI	Gages	22-May-18	12:35	RGI-3	136	FALSE	FALSE	0	8	18.0
RGI	Gages	24-Jul-18	14:30	RGI-1	119	FALSE	FALSE	0	8	45.0
RGI	Gages	24-Jul-18	14:15	RGI-2	78	TRUE	FALSE	3	8	6.5
RGI	Gages	24-Jul-18	14:00	RGI-3	157	FALSE	FALSE	0	8	15.0
RGI	Gages	16-Aug-18	16:00	RGI-1	145	FALSE	FALSE	0	8	50.0
RGI	Gages	16-Aug-18	15:45	RGI-2	78	FALSE	TRUE	3	8	7.0
RGI	Gages	16-Aug-18	15:30	RGI-3	150	FALSE	FALSE	0	8	17.0
RGI	Gages	28-Aug-18	16:00	RGI-1	134	FALSE	FALSE	0	8	54.0
RGI	Gages	28-Aug-18	16:15	RGI-2	84	TRUE	FALSE	3	8	7.0
RGI	Gages	28-Aug-18	16:30	RGI-3	152	FALSE	FALSE	0	8	17.0
RGI	Gages	09-Sep-18	14:30	RGI-1	123	FALSE	FALSE	0	8	47.0
RGI	Gages	09-Sep-18	14:44	RGI-2	74	FALSE	TRUE	3	8	7.0
RGI	Gages	09-Sep-18	15:00	RGI-3	126	FALSE	FALSE	0	8	18.0
RGI	Gages	01-Sep-18	11:45	RGI-1	153	FALSE	FALSE	0	8	53.0
RGI	Gages	01-Sep-18	11:30	RGI-2	65	FALSE	TRUE	3	8	7.0
RGI	Gages	01-Sep-18	11:15	RGI-3	152	FALSE	FALSE	0	8	17.5
RMM	Galena	08-May-18	10:55	RMM-1	61	FALSE	FALSE	0	12	40.0
RMM	Galena	08-May-18	11:50	RMM-2	90	FALSE	FALSE	0	8	24.0
RMM	Galena	08-May-18	12:15	RMM-3	52	FALSE	FALSE	0	12	6.0
RMM	Galena	15-May-18	9:50	RMM-1	222	FALSE	FALSE	0	3	39.0
RMM	Galena	15-May-18	10:25	RMM-2	188	FALSE	FALSE	0	3	24.0
RMM	Galena	15-May-18	10:50	RMM-3	30	FALSE	FALSE	0	12	5.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RMM	Galena	JO DAVIESS	26% To 50%	0.00	Sunny	Calm/Ripple	E	Above Normal	0.25	2.00
RMM	Galena	JO DAVIESS	26% To 50%	0.00	Sunny	Calm/Ripple	E	Above Normal	0.25	2.00
RMM	Galena	JO DAVIESS	26% To 50%	0.00	Sunny	Calm/Ripple	E	Above Normal	0.25	2.00
RMM	Galena	JO DAVIESS	26% To 50%	0.04	Partly Cloudy		E	Above Normal	1.5	2.00
RMM	Galena	JO DAVIESS	26% To 50%	0.04	Partly Cloudy		E	Above Normal	1.5	2.00
RMM	Galena	JO DAVIESS	26% To 50%	0.04	Partly Cloudy		E	Above Normal	1.5	2.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1.5	3.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1.5	3.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1.5	3.00
RMM	Galena	JO DAVIESS	5% To 25%	0.37	Sunny	Calm/Ripple	NW	Above Normal	1.75	5.00
RMM	Galena	JO DAVIESS	5% To 25%	0.37	Sunny	Calm/Ripple	NW	Above Normal	1.75	5.00
RMM	Galena	JO DAVIESS	5% To 25%	0.37	Sunny	Calm/Ripple	NW	Above Normal	1.75	5.00
RMM	Galena	JO DAVIESS	5% To 25%	2.63	Overcast	Calm/Ripple	west	Above Normal	2.75	4.00
RMM	Galena	JO DAVIESS	5% To 25%	2.63	Overcast	Calm/Ripple	west	Above Normal	2.75	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RMM	Galena	Unseasonably Warm	Dredging in marine .1" rain in the last 10 days	Aquatic Veg Harvesting, RMM3 sample taken 100' West of normal test site. Dredging in the way
RMM	Galena	Unseasonably Warm	Dredging in marine .1" rain in the last 10 days	Aquatic Veg Harvesting, RMM3 sample taken 100' West of normal test site. Dredging in the way
RMM	Galena	Unseasonably Warm	Dredging in marine .1" rain in the last 10 days	Aquatic Veg Harvesting, RMM3 sample taken 100' West of normal test site. Dredging in the way
RMM	Galena	7.8" of rain since 6/10/18. Wide temp swings, i.e. 90 degrees for 2-3 days, 60 degrees for highs, then back to upper 90s.		weed harvesting in coves and marine channel
RMM	Galena	7.8" of rain since 6/10/18. Wide temp swings, i.e. 90 degrees for 2-3 days, 60 degrees for highs, then back to upper 90s.		weed harvesting in coves and marine channel
RMM	Galena	7.8" of rain since 6/10/18. Wide temp swings, i.e. 90 degrees for 2-3 days, 60 degrees for highs, then back to upper 90s.		weed harvesting in coves and marine channel
RMM	Galena	No rain since 6/30. Daytime highs upper 80's for 10 days		Marina Coves. Junctou Dredging in Marina
RMM	Galena	No rain since 6/30. Daytime highs upper 80's for 10 days		Marina Coves. Junctou Dredging in Marina
RMM	Galena	No rain since 6/30. Daytime highs upper 80's for 10 days		Marina Coves. Junctou Dredging in Marina
RMM	Galena		2.5" of rain 5 days ago; temp below normal last week	dredging plum cove; weed harvesting in marina
RMM	Galena		2.5" of rain 5 days ago; temp below normal last week	dredging plum cove; weed harvesting in marina
RMM	Galena		2.5" of rain 5 days ago; temp below normal last week	dredging plum cove; weed harvesting in marina
RMM	Galena	3 weeks of below normal temps; heavy rain 8/5-6 high wind. Started to rain at 10:20		dredging Plum cove, weed harvesting in all coves
RMM	Galena	3 weeks of below normal temps; heavy rain 8/5-6 high wind. Started to rain at 10:20		dredging Plum cove, weed harvesting in all coves

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RMM	Galena	07-Jun-18	10:30	RMM-1	34	FALSE	FALSE	0	17	38.0
RMM	Galena	07-Jun-18	11:10	RMM-2	36	FALSE	FALSE	0	17	24.0
RMM	Galena	07-Jun-18	11:40	RMM-3	36	FALSE	FALSE	4	12	3.0
RMM	Galena	25-Jun-18	14:30	RMM-1	43	FALSE	FALSE	0	12	37.0
RMM	Galena	25-Jun-18	15:00	RMM-2	34	FALSE	FALSE	0	12	24.0
RMM	Galena	25-Jun-18	15:35	RMM-3	28	FALSE	FALSE	2	12	8.0
RMM	Galena	09-Jul-18	14:05	RMM-1	38	FALSE	FALSE	0	12	36.0
RMM	Galena	09-Jul-18	14:35	RMM-2	32	FALSE	FALSE	0	12	24.0
RMM	Galena	09-Jul-18	15:00	RMM-3	28	FALSE	FALSE	1	12	9.0
RMM	Galena	23-Jul-18	14:25	RMM-1	54	FALSE	FALSE	0	12	35.0
RMM	Galena	23-Jul-18	15:00	RMM-2	58	FALSE	FALSE	0	12	23.0
RMM	Galena	23-Jul-18	15:25	RMM-3	38	FALSE	FALSE	2	12	7.0
RMM	Galena	07-Aug-18	10:05	RMM-1	76	FALSE	FALSE	0	8	38.0
RMM	Galena	07-Aug-18	10:35	RMM-2	66	FALSE	FALSE	0	8	24.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RMM	Galena	JO DAVIESS	5% To 25%	2.63	Overcast	Calm/Ripple	west	Above Normal	2.75	4.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Small Waves	NW	Above Normal	1.5	4.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Small Waves	NW	Above Normal	1.5	4.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Small Waves	NW	Above Normal	1.5	4.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2.25	4.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2.25	4.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2.25	4.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	6.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	6.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	6.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny		SW	Above Normal	2.25	4.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny		SW	Above Normal	2.25	4.00
RMM	Galena	JO DAVIESS	5% To 25%	0.00	Sunny		SW	Above Normal	2.25	4.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	3	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	3	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	3	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	4	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	4	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	4	1.00

Lake Code	Waterbody	Observations	Other Information	Management
		3 weeks of below normal temps; heavy rain 8/5-6 high wind. Started to rain at 10:20		dredging Plum cove, weed harvesting in all coves
RMM	Galena	7" of rain so far this month	Some filamentous Algae	Dredging in marina + plum cove Weed harvesting in coves + marina
RMM	Galena	7" of rain so far this month	Some filamentous Algae	Dredging in marina + plum cove Weed harvesting in coves + marina
RMM	Galena	7" of rain so far this month	Some filamentous Algae	Dredging in marina + plum cove Weed harvesting in coves + marina
RMM	Galena			
RMM	Galena			
RMM	Galena			
RMM	Galena			
RMM	Galena			
RMM	Galena	6.3" of rain so far this month. First freeze 2 days ago		shoreline erosion control instalation
RMM	Galena	6.3" of rain so far this month. First freeze 2 days ago		shoreline erosion control instalation
RMM	Galena	6.3" of rain so far this month. First freeze 2 days ago		shoreline erosion control instalation
RJZK	Gamlin	Lake is great.. clean	spillway fixed last year and we finally got enough rain for water to go out the spillway.	
RJZK	Gamlin	Lake is great.. clean	spillway fixed last year and we finally got enough rain for water to go out the spillway.	
RJZK	Gamlin	Lake is great.. clean	spillway fixed last year and we finally got enough rain for water to go out the spillway.	
RJZK	Gamlin		some blue/green algae that bubbles up from bottom and floats on surface.	maintain grass filter above catch basin
RJZK	Gamlin		some blue/green algae that bubbles up from bottom and floats on surface.	maintain grass filter above catch basin
RJZK	Gamlin		some blue/green algae that bubbles up from bottom and floats on surface.	maintain grass filter above catch basin

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RMM	Galena	07-Aug-18	10:55	RMM-3	48	FALSE	FALSE	2	12	7.0
RMM	Galena	23-Aug-18	15:00	RMM-1	34	FALSE	FALSE	0	12	41.0
RMM	Galena	23-Aug-18	15:35	RMM-2	32	FALSE	FALSE	0	12	24.0
RMM	Galena	23-Aug-18	16:00	RMM-3	30	FALSE	FALSE	1	12	7.0
RMM	Galena	12-Sep-18	13:45	RMM-1	34	FALSE	FALSE	0	12	39.0
RMM	Galena	12-Sep-18	14:16	RMM-2	34	FALSE	FALSE	0	12	24.0
RMM	Galena	12-Sep-18	14:40	RMM-3	34	FALSE	FALSE	2	8	8.0
RMM	Galena	25-Sep-18	10:20	RMM-1	33	FALSE	FALSE	0	17	36.0
RMM	Galena	25-Sep-18	10:55	RMM-2	26	FALSE	FALSE	0	12	24.0
RMM	Galena	25-Sep-18	11:20	RMM-3	30	FALSE	FALSE	0	8	8.0
RMM	Galena	17-Oct-18	13:15	RMM-1	40	FALSE	FALSE	0	17	36.0
RMM	Galena	17-Oct-18	14:00	RMM-2	36	FALSE	FALSE	0	22	22.0
RMM	Galena	17-Oct-18	14:30	RMM-3	42	FALSE	FALSE	0	8	8.0
RJZK	Gamlin	15-May-18	16:00	RJZK-1	25	FALSE	FALSE	1	15	7.0
RJZK	Gamlin	15-May-18	16:20	RJZK-1	28	FALSE	FALSE	1	15	7.5
RJZK	Gamlin	15-May-18	16:30	RJZK-1	24	FALSE	FALSE	1	15	8.5
RJZK	Gamlin	06-Jun-18	16:30	RJZK-1	30	FALSE	FALSE	1	15	7.0
RJZK	Gamlin	06-Jun-18	16:50	RJZK-1	32	FALSE	FALSE	1	15	7.5
RJZK	Gamlin	06-Jun-18	17:00	RJZK-1	28	FALSE	FALSE	1	15	8.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	10	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	10	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	10	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	6	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	6	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	6	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	10	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	10	1.00
RJZK	Gamlin	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	10	1.00
RGZW	Golfview	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	11.00
RGZW	Golfview	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	11.00
RGZW	Golfview	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	11.00

Lake Code	Waterbody	Observations	Other Information	Management
RJZK	Gamlin	4 inches of rain 4 days ago.	lake looks and smells good - carp eating all algae - some floating blue/green algae. water is still cold at 7 foot depth.	
RJZK	Gamlin	4 inches of rain 4 days ago.	lake looks and smells good - carp eating all algae - some floating blue/green algae. water is still cold at 7 foot depth.	
RJZK	Gamlin	4 inches of rain 4 days ago.	lake looks and smells good - carp eating all algae - some floating blue/green algae. water is still cold at 7 foot depth.	
RJZK	Gamlin	weekly rains - lake looks and smells great.	triploid carp are eating all algae	triploid carp are eating all algae
RJZK	Gamlin	weekly rains - lake looks and smells great.	triploid carp are eating all algae	triploid carp are eating all algae
RJZK	Gamlin	weekly rains - lake looks and smells great.	triploid carp are eating all algae	triploid carp are eating all algae
RJZK	Gamlin	Got 12 inches of rain, 7 Sep. Water almost went over Dam, Spillway could not keep up with rain	clear	grass filter still keeping lake clean, some work needed for catch basin, almost washed out with the big rain.
RJZK	Gamlin	Got 12 inches of rain, 7 Sep. Water almost went over Dam, Spillway could not keep up with rain	clear	grass filter still keeping lake clean, some work needed for catch basin, almost washed out with the big rain.
RJZK	Gamlin	Got 12 inches of rain, 7 Sep. Water almost went over Dam, Spillway could not keep up with rain	clear	grass filter still keeping lake clean, some work needed for catch basin, almost washed out with the big rain.
RGZW	Golfview		1 dead carp 14" Less than 1/3rd of the bottom of Golfview Lake Oxygen Level 9. It dropped to 1.6 the pov after 8/21/17	Restorative Lake sciences working on a report on the lakes Golfview Lake + Rutin Lake May 7 2018 Big Fish Kill- 1000+Fish
RGZW	Golfview		1 dead carp 14" Less than 1/3rd of the bottom of Golfview Lake Oxygen Level 9. It dropped to 1.6 the pov after 8/21/17	Restorative Lake sciences working on a report on the lakes Golfview Lake + Rutin Lake May 7 2018 Big Fish Kill- 1000+Fish
RGZW	Golfview		1 dead carp 14" Less than 1/3rd of the bottom of Golfview Lake Oxygen Level 9. It dropped to 1.6 the pov after 8/21/17	Restorative Lake sciences working on a report on the lakes Golfview Lake + Rutin Lake May 7 2018 Big Fish Kill- 1000+Fish

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RJZK	Gamlin	17-Jul-18	16:30	RJZK-1	32	FALSE	FALSE	1	3	6.5
RJZK	Gamlin	17-Jul-18	17:00	RJZK-1	30	FALSE	FALSE	1	3	7.5
RJZK	Gamlin	17-Jul-18	17:15	RJZK-1	34	FALSE	FALSE	1	3	7.0
RJZK	Gamlin	12-Aug-18	11:00	RJZK-1	36	FALSE	FALSE	1	3	6.5
RJZK	Gamlin	12-Aug-18	11:20	RJZK-1	38	FALSE	FALSE	0	3	7.0
RJZK	Gamlin	12-Aug-18	11:30	RJZK-1	36	FALSE	FALSE	0	3	7.5
RJZK	Gamlin	30-Sep-18	16:00	RJZK-1	40	FALSE	FALSE	0	13	7.5
RJZK	Gamlin	30-Sep-18	16:30	RJZK-1	42	FALSE	FALSE	1	13	1.0
RJZK	Gamlin	30-Sep-18	17:00	RJZK-1	38	FALSE	FALSE	1	13	9.0
RGZW	Golfview	06-May-18	14:00	RGZW-1	37	FALSE	FALSE	0	15	3.5
RGZW	Golfview	06-May-18	13:30	RGZW-2	34	FALSE	FALSE	0	15	3.5
RGZW	Golfview	06-May-18	14:15	RGZW-3	36	FALSE	FALSE	0	15	3.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGZW	Golfview	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	8.00
RGZW	Golfview	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	8.00
RGZW	Golfview	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	8.00
RTZS	Goose	MCHENRY	Less Than 5%	1.04	Partly Cloudy	Calm/Ripple	S	Above Normal	4	4.00
RTZS	Goose	MCHENRY	Less Than 5%	1.04	Partly Cloudy	Calm/Ripple	S	Above Normal	4	4.00
RTZS	Goose	MCHENRY	Less Than 5%	1.04	Partly Cloudy	Calm/Ripple	S	Above Normal	4	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	1.61	Overcast	Calm/Ripple	N	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	1.61	Overcast	Calm/Ripple	N	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	1.61	Overcast	Calm/Ripple	N	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	3.04	Sunny	Calm/Ripple	S	Above Normal	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	3.04	Sunny	Calm/Ripple	S	Above Normal	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	3.04	Sunny	Calm/Ripple	S	Above Normal	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	1.48	Sunny	Calm/Ripple	E	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	1.48	Sunny	Calm/Ripple	E	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	1.48	Sunny	Calm/Ripple	E	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	4.00

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGZW	Golfview	26-Aug-18	18:50	RGZW-1	14	FALSE	FALSE	0	10	3.5
RGZW	Golfview	26-Aug-18	18:40	RGZW-2	12	FALSE	FALSE	0	10	3.0
RGZW	Golfview	26-Aug-18	19:10	RGZW-3	14	FALSE	FALSE	0	10	3.0
RTZS	Goose	14-May-18	12:15	RTZS-1	14	FALSE	FALSE	0	14	15.0
RTZS	Goose	14-May-18	12:22	RTZS-2	8	FALSE	FALSE	0	14	6.5
RTZS	Goose	14-May-18	12:32	RTZS-3	8	FALSE	FALSE	0	12	2.0
RTZS	Goose	24-May-18	10:50	RTZS-1	40	FALSE	FALSE	0	12	15.0
RTZS	Goose	24-May-18	10:05	RTZS-2	38	FALSE	FALSE	0	12	6.0
RTZS	Goose	24-May-18	11:20	RTZS-3	20	TRUE	FALSE	0	12	2.0
RTZS	Goose	20-Jun-18	11:25	RTZS-1	28	FALSE	FALSE	0	13	14.5
RTZS	Goose	20-Jun-18	11:32	RTZS-2	26	FALSE	FALSE	0	13	6.0
RTZS	Goose	20-Jun-18	11:38	RTZS-3	20	FALSE	FALSE	0	12	2.0
RTZS	Goose	28-Jun-18	10:25	RTZS-1	26	FALSE	FALSE	0	12	14.0
RTZS	Goose	28-Jun-18	10:40	RTZS-2	30	FALSE	FALSE	0	12	6.0
RTZS	Goose	28-Jun-18	10:47	RTZS-3	28	TRUE	FALSE	0	12	2.5
RTZS	Goose	30-Jul-18	10:15	RTZS-1	34	FALSE	FALSE	0	17	14.0
RTZS	Goose	30-Jul-18	10:30	RTZS-2	36	FALSE	FALSE	0	17	6.0
RTZS	Goose	30-Jul-18	10:40	RTZS-3	24	TRUE	FALSE	0	12	2.0
RTZS	Goose	03-Aug-18	10:45	RTZS-1	36	FALSE	FALSE	0	17	13.5
RTZS	Goose	03-Aug-18	10:52	RTZS-2	38	FALSE	FALSE	0	17	5.5
RTZS	Goose	03-Aug-18	11:00	RTZS-3	24	TRUE	FALSE	0	17	2.0
RTZS	Goose	31-Aug-18	11:21	RTZS-1	48	FALSE	FALSE	0	3	13.5
RTZS	Goose	31-Aug-18	11:42	RTZS-2	38	FALSE	FALSE	0	12	5.5
RTZS	Goose	31-Aug-18	11:50	RTZS-3	24	TRUE	FALSE	0	12	2.0
RTZS	Goose	14-Sep-18	10:30	RTZS-1	44	FALSE	FALSE	0	3	14.0
RTZS	Goose	14-Sep-18	10:42	RTZS-2	36	FALSE	FALSE	0	12	6.0
RTZS	Goose	14-Sep-18	10:55	RTZS-3	24	TRUE	FALSE	0	12	2.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	4.00
RTZS	Goose	MCHENRY	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	4.00
RTQ	Grass	LAKE	5% To 25%	0.25	Sunny	Small Waves	SW	Above Normal	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.25	Sunny	Small Waves	SW	Above Normal	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Above Normal	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Above Normal	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.00	Hazy	Small Waves	SW	Above Normal	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.00	Hazy	Small Waves	SW	Above Normal	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Normal or Full	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Normal or Full	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.00	Hazy	Calm/Ripple	NW	Normal or Full	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.00	Hazy	Calm/Ripple	NW	Normal or Full	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.50	Partly Cloudy	Small Waves	NW	Normal or Full	0	1.00
RTQ	Grass	LAKE	5% To 25%	0.50	Partly Cloudy	Small Waves	NW	Normal or Full	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Small Waves	SE	Above Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Small Waves	SE	Above Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Small Waves	SE	Above Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
RGK	Grays	LAKE	26% To 50%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RTZS	Goose			
RTZS	Goose			
RTZS	Goose			
RTQ	Grass	rainy may		
RTQ	Grass	rainy may		
RTQ	Grass		70's	
RTQ	Grass		70's	
RTQ	Grass			
RTQ	Grass			
RTQ	Grass			
RTQ	Grass			
RTQ	Grass	heavy rains earlier in month		
RTQ	Grass	heavy rains earlier in month		
RTQ	Grass			
RTQ	Grass			
RTQ	Grass			
RTQ	Grass			
RGK	Grays		floating plant debris. Fishing, Swimming and paddlers (kayaks and canoes)	
RGK	Grays		floating plant debris. Fishing, Swimming and paddlers (kayaks and canoes)	
RGK	Grays		floating plant debris. Fishing, Swimming and paddlers (kayaks and canoes)	
RGK	Grays	Very warm (70-90 degrees), high humidity (above 80%)		
RGK	Grays	Very warm (70-90 degrees), high humidity (above 80%)		
RGK	Grays	Very warm (70-90 degrees), high humidity (above 80%)		
RGK	Grays	75 degree air temp		
RGK	Grays	75 degree air temp		
RGK	Grays	75 degree air temp		
RGK	Grays	Dry		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZS	Goose	28-Sep-18	09:45	RTZS-1	36	FALSE	FALSE	0	12	13.5
RTZS	Goose	28-Sep-18	10:55	RTZS-2	34	FALSE	FALSE	0	12	6.0
RTZS	Goose	28-Sep-18	11:00	RTZS-3	24	TRUE	FALSE	0	12	2.0
RTQ	Grass	31-May-18	08:10	RTQ-1	27	FALSE	FALSE	0	12	4.0
RTQ	Grass	31-May-18	08:20	RTQ-3	24	FALSE	FALSE	0	12	3.5
RTQ	Grass	14-Jun-18	08:00	RTQ-1	20	FALSE	FALSE	0	12	4.0
RTQ	Grass	14-Jun-18	08:15	RTQ-2	18	FALSE	FALSE	0	12	4.0
RTQ	Grass	12-Jul-18	07:55	RTQ-1	24	FALSE	FALSE	0	12	4.0
RTQ	Grass	12-Jul-18	08:15	RTQ-2	21	FALSE	FALSE	0	12	4.0
RTQ	Grass	27-Jul-18	08:10	RTQ-1	19	FALSE	FALSE	0	12	4.0
RTQ	Grass	27-Jul-18	08:15	RTQ-2	19	FALSE	FALSE	0	13	3.5
RTQ	Grass	09-Aug-18	07:45	RTQ-1	23	FALSE	FALSE	0	12	4.0
RTQ	Grass	09-Aug-18	08:00	RTQ-2	21	FALSE	FALSE	0	13	3.5
RTQ	Grass	23-Aug-18	08:00	RTQ-1	18	FALSE	FALSE	0	12	4.0
RTQ	Grass	23-Aug-18	08:10	RTQ-2	17	FALSE	FALSE	0	12	4.0
RTQ	Grass	20-Sep-18	10:15	RTQ-1	20	FALSE	FALSE	0	12	4.0
RTQ	Grass	20-Sep-18	10:35	RTQ-2	18	FALSE	FALSE	0	13	3.5
RGK	Grays	26-May-18	19:00	RGK-1	74	FALSE	FALSE	1	9	17.0
RGK	Grays	26-May-18	18:40	RGK-2	73	FALSE	FALSE	1	9	8.0
RGK	Grays	26-May-18	19:08	RGK-3	66	FALSE	FALSE	1	8	7.5
RGK	Grays	17-Jun-18	07:48	RGK-1	56	FALSE	FALSE	1	6	17.0
RGK	Grays	17-Jun-18	07:36	RGK-2	57	FALSE	FALSE	1	6	9.5
RGK	Grays	17-Jun-18	08:02	RGK-3	54	FALSE	FALSE	1	7	8.0
RGK	Grays	08-Jul-18	09:19	RGK-1	41	FALSE	FALSE	1	8	17.0
RGK	Grays	08-Jul-18	09:01	RGK-2	32	FALSE	FALSE	1	6	9.0
RGK	Grays	08-Jul-18	09:27	RGK-3	40	FALSE	FALSE	1	8	8.0
RGK	Grays	11-Aug-18	14:00	RGK-1	50	FALSE	FALSE	0	12	17.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Small Waves	E	Above Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Small Waves	E	Above Normal	0	1.00
RGK	Grays	LAKE	Less Than 5%	0.00	Sunny	Small Waves	E	Above Normal	0	1.00
RGK	Grays	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	W	Above Normal	0	1.00
RGK	Grays	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	W	Above Normal	0	1.00
RGK	Grays	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	W	Above Normal	0	1.00
RTY	Griswold	MCHENRY	26% To 50%	5.00	Partly Cloudy	Calm/Ripple	S	Above Normal	12	1.00
RTY	Griswold	MCHENRY	26% To 50%	5.00	Partly Cloudy	Calm/Ripple	S	Above Normal	12	1.00
RTY	Griswold	MCHENRY	26% To 50%	5.00	Partly Cloudy	Calm/Ripple	S	Above Normal	12	1.00
RGZB	Hastings	LAKE	Less Than 5%	1.60	Partly Cloudy	Calm/Ripple	NE	Above Normal	0	5.00
RGZB	Hastings	LAKE	Less Than 5%	1.60	Partly Cloudy	Calm/Ripple	NE	Above Normal	0	5.00

Lake Code	Waterbody	Observations	Other Information	Management
RGK	Grays	83 degrees F, Kayakers, shore fishing		
RGK	Grays	83 degrees F, Kayakers, shore fishing		
RGK	Grays	83 degrees F, Kayakers, shore fishing		
RGK	Grays	inlet- big algae bloom	75 degrees F. Kayayers. Canoe. Fishermen on banks.	
RGK	Grays	inlet- big algae bloom	75 degrees F. Kayayers. Canoe. Fishermen on banks.	
RGK	Grays	inlet- big algae bloom	75 degrees F. Kayayers. Canoe. Fishermen on banks.	
RGK	Grays	Air Temp 42F - no boaters/no activity on shoreline	Wind Speed 8MPH	
RGK	Grays	Air Temp 42F - no boaters/no activity on shoreline	Wind Speed 8MPH	
RGK	Grays	Air Temp 42F - no boaters/no activity on shoreline	Wind Speed 8MPH	
RTY	Griswold	3 days of significant rainfall. No rain today. Tornado watch yesterday. Zebra mussel population is increasing.		a lot of lily pad growth NW corner of lake. McHenry Country roundabout construction in progress adjacent to lake. Water is flowing in from construction site.
RTY	Griswold	3 days of significant rainfall. No rain today. Tornado watch yesterday. Zebra mussel population is increasing.		a lot of lily pad growth NW corner of lake. McHenry Country roundabout construction in progress adjacent to lake. Water is flowing in from construction site.
RTY	Griswold	3 days of significant rainfall. No rain today. Tornado watch yesterday. Zebra mussel population is increasing.		a lot of lily pad growth NW corner of lake. McHenry Country roundabout construction in progress adjacent to lake. Water is flowing in from construction site.
RGZB	Hastings	About 7" of rain since last monitoring.	Filamentous algae along shore and coating plants in shallow water.	Dam removed on Lake Rassmussen which may allow water to flow more quickly in Mill creek.
RGZB	Hastings	About 7" of rain since last monitoring.	Filamentous algae along shore and coating plants in shallow water.	Dam removed on Lake Rassmussen which may allow water to flow more quickly in Mill creek.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGK	Grays	12-Aug-18	11:16	RGK-1	46	FALSE	FALSE	1	6	16.0
RGK	Grays	12-Aug-18	11:05	RGK-2	33	FALSE	FALSE	1	7	9.5
RGK	Grays	12-Aug-18	11:27	RGK-3	44	FALSE	FALSE	1	17	8.5
RGK	Grays	14-Sep-18	18:50	RGK-1	31	FALSE	FALSE	1	7	17.0
RGK	Grays	14-Sep-18	18:30	RGK-2	33	FALSE	FALSE	1	7	9.5
RGK	Grays	14-Sep-18	18:58	RGK-3	29	FALSE	FALSE	1	7	7.0
RGK	Grays	12-Oct-18	17:57	RGK-1	30	FALSE	FALSE	1	7	17.5
RGK	Grays	12-Oct-18	17:44	RGK-2	27	FALSE	FALSE	1	7	9.5
RGK	Grays	12-Oct-18	18:06	RGK-3	29	FALSE	FALSE	1	7	8.0
RTY	Griswold	11-Sep-18	19:07	RTY-1	40	FALSE	FALSE	0	12	12.0
RTY	Griswold	11-Sep-18	18:40	RTY-2	32	FALSE	FALSE	1	6	3.5
RTY	Griswold	11-Sep-18	18:52	RTY-3	38	FALSE	FALSE	0	12	12.0
RGZB	Hastings	23-May-18	10:05	RGZB-1	168	FALSE	FALSE	0	13	27.0
RGZB	Hastings	23-May-18	09:53	RGZB-3	168	FALSE	FALSE	0	13	15.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGZB	Hastings	LAKE	Less Than 5%	0.00	Sunny	Small Waves	SW	Normal or Full	0	4.75
RGZB	Hastings	LAKE	Less Than 5%	0.00	Sunny	Small Waves	SW	Normal or Full	0	4.75
RGZB	Hastings	LAKE	No Selection	0.00	Sunny	Small Waves	NE	Normal or Full	0	5.25
RGZB	Hastings	LAKE	No Selection	0.00	Sunny	Small Waves	NE	Normal or Full	0	5.25
RGZB	Hastings	LAKE	26% To 50%	0.00	Sunny	Small Waves	NE	Above Normal	0	3.50
RGZB	Hastings	LAKE	26% To 50%	0.00	Sunny	Small Waves	NE	Above Normal	0	3.50
RGZB	Hastings	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	5.00
RGZB	Hastings	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	5.00
RGZB	Hastings	LAKE	26% To 50%	0.20	Sunny	Small Waves	NW	Normal or Full	0	5.00
RGZB	Hastings	LAKE	26% To 50%	0.20	Sunny	Small Waves	NW	Normal or Full	0	5.00
RGZB	Hastings	LAKE	26% To 50%	0.60	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RGZB	Hastings		Green Darner Dragon Flies, Painted Turtles in shallow water, 1 loon	
RGZB	Hastings		Green Darner Dragon Flies, Painted Turtles in shallow water, 1 loon	
RGZB	Hastings		7 carp dead around north fishing pier. Vegetation growth out about 5 - 70 feet from shore. Mainly curly pondweed, coontail and Eurasian watermilfoil plus filamentous algae.	
RGZB	Hastings		7 carp dead around north fishing pier. Vegetation growth out about 5 - 70 feet from shore. Mainly curly pondweed, coontail and Eurasian watermilfoil plus filamentous algae.	
RGZB	Hastings	3.45 " of rain fell between 6/17 and 6/22.	Checked shoreline vegetation on the visit. Nothing new.	Pickerelweed was planted south of launch on 6/20. Most stayed rooted but some were floating.
RGZB	Hastings	3.45 " of rain fell between 6/17 and 6/22.	Checked shoreline vegetation on the visit. Nothing new.	Pickerelweed was planted south of launch on 6/20. Most stayed rooted but some were floating.
RGZB	Hastings		Most submerged aquatic plants have a layer of algae coating.	Pickerelweed plants on the NW shore - only 3 plants were observed to be floating and not rooted.
RGZB	Hastings		Most submerged aquatic plants have a layer of algae coating.	Pickerelweed plants on the NW shore - only 3 plants were observed to be floating and not rooted.
RGZB	Hastings			
RGZB	Hastings			
RGZB	Hastings		short steel post at the north end of the lake is a fish crib no mussels of any kind found. Checked for new invasive plants New pole for gage measurement	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGZB	Hastings	01-May-18	10:40	RGZB-1	63	FALSE	FALSE	0	12	26.0
RGZB	Hastings	01-May-18	10:00	RGZB-3	60	FALSE	FALSE	0	12	15.0
RGZB	Hastings	05-Jun-18	09:45	RGZB-1	87	FALSE	FALSE	0	12	26.5
RGZB	Hastings	05-Jun-18	10:35	RGZB-3	84	FALSE	FALSE	0	13	14.0
RGZB	Hastings	24-Jun-18	13:30	RGZB-1	44	FALSE	FALSE	0	13	27.0
RGZB	Hastings	24-Jun-18	14:00	RGZB-3	62	FALSE	FALSE	0	13	14.0
RGZB	Hastings	09-Jul-18	10:00	RGZB-1	43	FALSE	FALSE	0	12	26.5
RGZB	Hastings	09-Jul-18	09:40	RGZB-3	33	FALSE	FALSE	0	12	14.0
RGZB	Hastings	23-Jul-18	10:20	RGZB-1	42	FALSE	FALSE	0	12	26.0
RGZB	Hastings	23-Jul-18	10:00	RGZB-3	48	FALSE	FALSE	0	12	14.0
RGZB	Hastings	07-Aug-18	11:18	RGZB-1	43	FALSE	FALSE	0	12	26.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGZB	Hastings	LAKE	26% To 50%	0.60	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	1.00
RGZB	Hastings	LAKE	26% To 50%	0.50	Overcast	Small Waves	SE	Normal or Full	0	3.00
RGZB	Hastings	LAKE	26% To 50%	0.50	Overcast	Small Waves	SE	Normal or Full	0	3.00
RGZB	Hastings	LAKE	26% To 50%	4.00	Partly Cloudy	Small Waves	E	Above Normal	0	3.50
RGZB	Hastings	LAKE	26% To 50%	4.00	Partly Cloudy	Small Waves	E	Above Normal	0	3.50
RGZB	Hastings	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	3.00
RGZB	Hastings	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	3.00
RGZB	Hastings	LAKE	5% To 25%	1.20	Partly Cloudy	Small Waves	SW	Normal or Full	0	3.00
RGZB	Hastings	LAKE	5% To 25%	1.20	Partly Cloudy	Small Waves	SW	Normal or Full	0	3.00
RGZB	Hastings	LAKE	5% To 25%	0.02	Sunny	Small Waves	SW	Normal or Full	0	3.50
RGZB	Hastings	LAKE	5% To 25%	0.02	Sunny	Small Waves	SW	Normal or Full	0	3.50
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RGZB	Hastings		short steel post at the north end of the lake is a fish cirb no mussels of any kind found. Checked for new invasive plants New pole for gage measurement	
RGZB	Hastings	Started before 10am to finish before forecasted afternoon storms		
RGZB	Hastings	Started before 10am to finish before forecasted afternoon storms		
RGZB	Hastings	Unusual amount of rainfall, greater than 9" since last monitoring visit on 8/20.		
RGZB	Hastings	Unusual amount of rainfall, greater than 9" since last monitoring visit on 8/20.		
RGZB	Hastings		Fall is coming - lily pads are curling and turning brown.	Still have a feeling that removing the dam that created Lake Rasmussen has increased the flow out of Hastings Lake.
RGZB	Hastings		Fall is coming - lily pads are curling and turning brown.	Still have a feeling that removing the dam that created Lake Rasmussen has increased the flow out of Hastings Lake.
RGZB	Hastings		Cattails are turning brown, 2 mute swans, 3 mute swan fly overs, 1 marsh hawk foraging, 1 dead carp	
RGZB	Hastings		Cattails are turning brown, 2 mute swans, 3 mute swan fly overs, 1 marsh hawk foraging, 1 dead carp	
RGZB	Hastings	40 mph winds on 10/20 appears to have turned the water over giving uniform readings.		
RGZB	Hastings	40 mph winds on 10/20 appears to have turned the water over giving uniform readings.		
RBO	Homer			
RBO	Homer			
RBO	Homer			

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGZB	Hastings	07-Aug-18	10:00	RGZB-3	58	FALSE	FALSE	0	12	12.0
RGZB	Hastings	20-Aug-18	10:00	RGZB-1	35	FALSE	FALSE	0	12	26.0
RGZB	Hastings	20-Aug-18	09:30	RGZB-3	48	FALSE	FALSE	0	12	13.5
RGZB	Hastings	07-Sep-18	10:10	RGZB-1	36	FALSE	FALSE	0	13	27.0
RGZB	Hastings	07-Sep-18	10:40	RGZB-3	43	FALSE	FALSE	0	13	17.0
RGZB	Hastings	17-Sep-18	10:40	RGZB-1	36	FALSE	FALSE	0	12	26.0
RGZB	Hastings	17-Sep-18	10:12	RGZB-3	30	FALSE	FALSE	0	20	13.0
RGZB	Hastings	03-Oct-18	10:10	RGZB-1	42	FALSE	FALSE	0	12	27.0
RGZB	Hastings	03-Oct-18	09:50	RGZB-3	40	FALSE	FALSE	0	12	13.0
RGZB	Hastings	22-Oct-18	10:15	RGZB-1	51	FALSE	FALSE	0	13	26.5
RGZB	Hastings	22-Oct-18	09:45	RGZB-3	36	FALSE	FALSE	0	13	14.0
RBO	Homer	29-May-18	14:23	RBO-1	43	FALSE	FALSE	3	3	11.0
RBO	Homer	29-May-18	14:44	RBO-2	39	FALSE	FALSE	0	8	10.5
RBO	Homer	29-May-18	14:57	RBO-3	28	FALSE	TRUE	0	8	2.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	2.00
RBO	Homer	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	2.00
RBO	Homer	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	2.00
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	3.00
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	3.00
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	3.00
RBO	Homer	CHAMPAIGN	Less Than 5%	1.25	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	2.00
RBO	Homer	CHAMPAIGN	Less Than 5%	1.25	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	2.00
RBO	Homer	CHAMPAIGN	Less Than 5%	1.25	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	2.00
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	4.00	Sunny	Calm/Ripple	N	Above Normal	2	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	4.00	Sunny	Calm/Ripple	N	Above Normal	2	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	4.00	Sunny	Calm/Ripple	N	Above Normal	2	4.00
RBO	Homer	CHAMPAIGN	Less Than 5%	2.00	Overcast	Calm/Ripple	NONE	Normal or Full	0	6.00
RBO	Homer	CHAMPAIGN	Less Than 5%	2.00	Overcast	Calm/Ripple	NONE	Normal or Full	0	6.00
RBO	Homer	CHAMPAIGN	Less Than 5%	2.00	Overcast	Calm/Ripple	NONE	Normal or Full	0	6.00
RTZU	Honey	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	12	3.00
RTZU	Honey	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	12	3.00
RTZU	Honey	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	12	3.00
RTZU	Honey	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	No Selection	0	3.00
RTZU	Honey	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	No Selection	0	3.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Small Waves	NW	Normal or Full	0	3.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Small Waves	NW	Normal or Full	0	3.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Small Waves	NW	Normal or Full	0	3.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	2.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer	Two straight days of heavy rain and thunderstorms prior to monitoring		
RBO	Homer	Two straight days of heavy rain and thunderstorms prior to monitoring		
RBO	Homer	Two straight days of heavy rain and thunderstorms prior to monitoring		
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RBO	Homer			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			Treated swimming area with diquat and copper sulfate
RTZU	Honey			Treated swimming area with diquat and copper sulfate
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RBO	Homer	29-Jun-18	14:23	RBO-1	43	FALSE	FALSE	3	3	11.0
RBO	Homer	29-Jun-18	14:44	RBO-2	39	FALSE	FALSE	0	8	10.5
RBO	Homer	29-Jun-18	14:57	RBO-3	28	FALSE	FALSE	0	8	2.5
RBO	Homer	27-Jun-18	08:58	RBO-1	39	FALSE	FALSE	0	3	13.5
RBO	Homer	27-Jun-18	09:24	RBO-2	35	FALSE	FALSE	0	3	9.0
RBO	Homer	27-Jun-18	09:43	RBO-3	25	FALSE	FALSE	2	3	3.0
RBO	Homer	11-Jul-18	13:36	RBO-1	46	FALSE	FALSE	0	8	15.0
RBO	Homer	11-Jul-18	14:04	RBO-2	44	FALSE	FALSE	0	17	10.0
RBO	Homer	11-Jul-18	14:24	RBO-3		TRUE	FALSE	3	8	2.5
RBO	Homer	30-Jul-18	14:48	RBO-1	25	FALSE	FALSE	0	8	12.0
RBO	Homer	30-Jul-18	15:04	RBO-2	25	FALSE	FALSE	0	11	9.5
RBO	Homer	30-Jul-18	15:17	RBO-3	27	TRUE	FALSE	1	8	2.5
RBO	Homer	23-Aug-18	09:42	RBO-1	20	FALSE	FALSE	0	1	11.0
RBO	Homer	23-Aug-18	10:11	RBO-2	20	FALSE	FALSE	0	1	9.5
RBO	Homer	23-Aug-18	10:27	RBO-3	30	FALSE	TRUE	3	1	3.0
RBO	Homer	11-Oct-18	15:11	RBO-1	30	FALSE	FALSE	0	3	12.0
RBO	Homer	11-Oct-18	15:29	RBO-2	25	FALSE	FALSE	0	3	10.0
RBO	Homer	11-Oct-18	15:42	RBO-3	34	TRUE	FALSE	0	17	3.0
RBO	Homer	10-Sep-18	09:11	RBO-1	26	FALSE	FALSE	0	3	12.0
RBO	Homer	10-Sep-18	09:49	RBO-2	24	FALSE	FALSE	0	8	10.0
RBO	Homer	10-Sep-18	10:05	RBO-3	24	FALSE	FALSE	2	8	3.0
RBO	Homer	25-Sep-18	10:43	RBO-1	29	FALSE	FALSE	0	17	12.5
RBO	Homer	25-Sep-18	11:00	RBO-2	23	FALSE	FALSE	0	17	9.5
RBO	Homer	25-Sep-18	11:17	RBO-3		FALSE	TRUE	3	0	2.5
RTZU	Honey	08-May-18	13:22	RTZU-1	138	FALSE	FALSE	0	13	18.0
RTZU	Honey	08-May-18	13:54	RTZU-2	121	FALSE	FALSE	0	13	19.0
RTZU	Honey	08-May-18	14:06	RTZU-3	144	FALSE	FALSE	0	13	17.0
RTZU	Honey	24-May-18	12:27	RTZU-1	96	FALSE	FALSE	0	13	19.0
RTZU	Honey	24-May-18	12:32	RTZU-2	88	FALSE	FALSE	0	13	19.0
RTZU	Honey	13-Jun-18	12:17	RTZU-1	65	FALSE	FALSE	0	13	18.0
RTZU	Honey	13-Jun-18	12:39	RTZU-2	72	FALSE	FALSE	0	13	18.0
RTZU	Honey	13-Jun-18	13:05	RTZU-3	52	FALSE	FALSE	0	13	18.0
RTZU	Honey	30-Jun-18	14:10	RTZU-1	50	FALSE	FALSE	0	13	18.0
RTZU	Honey	30-Jun-18	13:52	RTZU-2	50	FALSE	FALSE	0	13	19.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	2.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	2.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	2.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	2.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	E	Below Normal	6	2.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	E	Below Normal	6	2.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	E	Below Normal	6	2.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Below Normal	12	3.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Below Normal	12	3.00
RTZU	Honey	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Below Normal	12	3.00
RGY	Huntley	LAKE	Less Than 5%	0.05	Sunny	Small Waves	SE	No Selection	0	4.50
RGY	Huntley	LAKE	Less Than 5%	0.05	Sunny	Small Waves	SE	No Selection	0	4.50
RGY	Huntley	LAKE	Less Than 5%	1.60	Sunny	Calm/Ripple	SW	Normal or Full	0	4.50
RGY	Huntley	LAKE	Less Than 5%	1.60	Sunny	Calm/Ripple	SW	Normal or Full	0	4.50
RGY	Huntley	LAKE	No Selection	0.00	Sunny	Small Waves	NE	Normal or Full	0	6.25
RGY	Huntley	LAKE	No Selection	0.00	Sunny	Small Waves	NE	Normal or Full	0	6.25
RGY	Huntley	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SE	Normal or Full	0	4.50
RGY	Huntley	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SE	Normal or Full	0	4.50
RGY	Huntley	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	4.50

Lake Code	Waterbody	Observations	Other Information	Management
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RTZU	Honey			
RGY	Huntley	First time monitoring	Lily pads emerging. Some have broken the service but the leaves have not opened.	
RGY	Huntley	First time monitoring	Lily pads emerging. Some have broken the service but the leaves have not opened.	
RGY	Huntley	Northwest dock has water up to the post		
RGY	Huntley	Northwest dock has water up to the post		
RGY	Huntley			
RGY	Huntley			
RGY	Huntley	3.45" of rain prior week	Floating pondweed, white and yellow lily pads, coontail	
RGY	Huntley	3.45" of rain prior week	Floating pondweed, white and yellow lily pads, coontail	
RGY	Huntley		Periodically (4/30, 6/5, 7/9) DO increases between 7'-11'. No visual explanation. Blue dashers, Pond Hawks, and Amber Wings observed near N pier. Good sized red eared slider observed in east pond where timber lake flows east. Believe it to be C S elegans due to Predominate red eye stripe. Observed with binoculars sunning on a log. Moss covered shell	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZU	Honey	30-Jun-18	14:25	RTZU-3	48	FALSE	FALSE	0	13	18.0
RTZU	Honey	18-Jul-18	12:20	RTZU-1	84	FALSE	FALSE	0	13	18.0
RTZU	Honey	18-Jul-18	12:35	RTZU-2	86	FALSE	FALSE	0	13	18.0
RTZU	Honey	18-Jul-18	12:55	RTZU-3	82	FALSE	FALSE	0	13	18.0
RTZU	Honey	30-Jul-18	13:35	RTZU-1	66	FALSE	FALSE	0	13	18.0
RTZU	Honey	30-Jul-18	13:50	RTZU-2	72	FALSE	FALSE	0	13	18.0
RTZU	Honey	30-Jul-18	14:00	RTZU-3	70	FALSE	FALSE	0	13	18.0
RTZU	Honey	13-Aug-18	13:17	RTZU-1	78	FALSE	FALSE	0	13	18.0
RTZU	Honey	13-Aug-18	13:44	RTZU-1	48	FALSE	FALSE	0	13	19.0
RTZU	Honey	13-Aug-18	14:04	RTZU-1	50	FALSE	FALSE	0	13	16.0
RGY	Huntley	30-Apr-18	10:25	RGY-1	52	FALSE	FALSE	0	12	27.0
RGY	Huntley	30-Apr-18	12:00	RGY-2	54	FALSE	FALSE	0	12	27.0
RGY	Huntley	23-May-18	13:32	RGY-1	144	FALSE	FALSE	0	12	31.0
RGY	Huntley	23-May-18	14:16	RGY-2	120	FALSE	FALSE	0	13	33.0
RGY	Huntley	05-Jun-18	13:40	RGY-1	62	FALSE	FALSE	0	13	30.0
RGY	Huntley	05-Jun-18	13:00	RGY-2	62	FALSE	FALSE	0	13	30.0
RGY	Huntley	25-Jun-18	12:40	RGY-1	54	FALSE	FALSE	0	13	28.0
RGY	Huntley	25-Jun-18	11:55	RGY-2	54	FALSE	FALSE	0	13	28.0
RGY	Huntley	09-Jul-18	13:25	RGY-1	72	FALSE	FALSE	0	13	29.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGY	Huntley	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	4.50
RGY	Huntley	LAKE	5% To 25%	0.20	Partly Cloudy	Small Waves	W	Normal or Full	0	6.00
RGY	Huntley	LAKE	5% To 25%	0.20	Partly Cloudy	Small Waves	W	Normal or Full	0	6.00
RGY	Huntley	LAKE	5% To 25%	0.10	Partly Cloudy	Small Waves	W	Normal or Full	0	4.00
RGY	Huntley	LAKE	5% To 25%	0.10	Partly Cloudy	Small Waves	W	Normal or Full	0	4.00
RGY	Huntley	LAKE	5% To 25%	0.50	Overcast	Small Waves	E	Normal or Full	0	2.00
RGY	Huntley	LAKE	5% To 25%	0.50	Overcast	Small Waves	E	Normal or Full	0	2.00
RGY	Huntley	LAKE	26% To 50%	4.00	Partly Cloudy	Small Waves	E	Above Normal	0	3.00
RGY	Huntley	LAKE	26% To 50%	4.00	Partly Cloudy	Small Waves	E	Above Normal	0	3.00
RGY	Huntley	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	3.75
RGY	Huntley	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	3.75

Lake Code	Waterbody	Observations	Other Information	Management
RGY	Huntley		Periodically (4/30, 6/5, 7/9) DO increases between 7'-11'. No visual explanation. Blue dashers, Pond Hawks, and Amber Wings observed near N pier. Good sized red eared slider observed in east pond where timber lake flows east. Believe it to be C S elegans due to Predominate red eye stripe. Observed with binoculars sunning on a log. Moss covered shell	
RGY	Huntley		NW post- North fishing pier	
RGY	Huntley		NW post- North fishing pier	
RGY	Huntley	Lake is not flowing into the East wetland/creek.	1. Collected shoreline vegetation for identification. 2. Few d-flies	Cattails were herbicided at the East Outlet: they now appear brown (unsure of date). Collected aquatic plant samples: water marigold , floating leaf pondweed, coontail, slender naiad, common bladderwort, variable pondweed, Illinois pondweed
RGY	Huntley	Lake is not flowing into the East wetland/creek.	1. Collected shoreline vegetation for identification. 2. Few d-flies	Cattails were herbicided at the East Outlet: they now appear brown (unsure of date). Collected aquatic plant samples: water marigold , floating leaf pondweed, coontail, slender naiad, common bladderwort, variable pondweed, Illinois pondweed
RGY	Huntley			
RGY	Huntley			
RGY	Huntley	Over 9"of rain since last monitoring visit on 8/20.		
RGY	Huntley	Over 9"of rain since last monitoring visit on 8/20.		
RGY	Huntley			
RGY	Huntley			

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGY	Huntley	09-Jul-18	12:25	RGY-2	72	FALSE	FALSE	0	13	29.0
RGY	Huntley	23-Jul-18	12:38	RGY-1	51	FALSE	FALSE	0	12	30.0
RGY	Huntley	23-Jul-18	13:27	RGY-2	55	FALSE	FALSE	0	12	30.0
RGY	Huntley	02-Aug-18	13:55	RGY-1	66	FALSE	FALSE	0	13	28.5
RGY	Huntley	02-Aug-18	13:15	RGY-2	60	FALSE	FALSE	0	12	28.5
RGY	Huntley	20-Aug-18	11:10	RGY-1	74	FALSE	FALSE	0	12	28.5
RGY	Huntley	20-Aug-18	11:45	RGY-2	84	FALSE	FALSE	0	12	28.5
RGY	Huntley	07-Sep-18	13:08	RGY-1	39	FALSE	FALSE	0	12	28.0
RGY	Huntley	07-Sep-18	12:33	RGY-2	42	FALSE	FALSE	0	12	28.0
RGY	Huntley	17-Sep-18	13:05	RGY-1	60	FALSE	FALSE	0	12	29.0
RGY	Huntley	17-Sep-18	12:20	RGY-2	60	FALSE	FALSE	0	12	29.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGY	Huntley	LAKE	5% To 25%	1.20	Sunny	Small Waves	SW	Normal or Full	0	2.50
RGY	Huntley	LAKE	5% To 25%	1.20	Sunny	Small Waves	SW	Normal or Full	0	2.50
RGY	Huntley	LAKE	5% To 25%	0.02	Sunny	Calm/Ripple	W	Normal or Full	0	4.00
RGY	Huntley	LAKE	5% To 25%	0.02	Sunny	Calm/Ripple	W	Normal or Full	0	4.00
RTZI	Island	LAKE	Less Than 5%	0.00	Partly Cloudy	Small Waves	E	Above Normal	2	1.00
RTZI	Island	LAKE	Less Than 5%	0.00	Partly Cloudy	Small Waves	E	Above Normal	2	1.00
RTZI	Island	LAKE	Less Than 5%	0.00	Partly Cloudy	Small Waves	E	Above Normal	2	1.00
RTZI	Island	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	S	Above Normal	2	1.00
RTZI	Island	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	S	Above Normal	2	1.00
RTZI	Island	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	S	Above Normal	2	1.00
RTZI	Island	LAKE	No Selection	0.00	Sunny	Calm/Ripple	E	Above Normal	5	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RGY	Huntley		Warm and Humid Enough that Canoe was Sweating	
RGY	Huntley		Warm and Humid Enough that Canoe was Sweating	
RGY	Huntley	10/20 40 mph winds appears to have mixed the waters providing uniform readings.	fishermen caught a 3.5 lb bass	
RGY	Huntley	10/20 40 mph winds appears to have mixed the waters providing uniform readings.	fishermen caught a 3.5 lb bass	
RTZI	Island	The lake has not been treated with herbicides yet. It will be occurring within the next 10 days.		
RTZI	Island	The lake has not been treated with herbicides yet. It will be occurring within the next 10 days.		
RTZI	Island	The lake has not been treated with herbicides yet. It will be occurring within the next 10 days.		
RTZI	Island	weeds and algae (slime) have grown rapidly since late May.	Surprised by decreased secchi visibility on site #1 vs late May. Checked the measurement several times to be sure	(limited) lake sprayed for Curly Leaf Pondweed on Friday June 8
RTZI	Island	weeds and algae (slime) have grown rapidly since late May.	Surprised by decreased secchi visibility on site #1 vs late May. Checked the measurement several times to be sure	(limited) lake sprayed for Curly Leaf Pondweed on Friday June 8
RTZI	Island	weeds and algae (slime) have grown rapidly since late May.	Surprised by decreased secchi visibility on site #1 vs late May. Checked the measurement several times to be sure	(limited) lake sprayed for Curly Leaf Pondweed on Friday June 8
RTZI	Island	1)6-18-2018 weed spray knocked weeds back 2)5-6 inches of rain within the past 72 hours 3)Water has "transparent tan stain", noticed this after the heavy rain		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGY	Huntley	03-Oct-18	12:45	RGY-1	60	FALSE	FALSE	0	13	29.0
RGY	Huntley	03-Oct-18	12:13	RGY-2	60	FALSE	FALSE	0	12	29.0
RGY	Huntley	22-Oct-18	11:50	RGY-1	50	FALSE	FALSE	0	13	29.0
RGY	Huntley	22-Oct-18	12:26	RGY-2	46	FALSE	FALSE	0	13	29.0
RTZI	Island	29-May-18	11:25	RTZI-1	84	FALSE	FALSE	0	12	9.0
RTZI	Island	29-May-18	11:35	RTZI-2	69	FALSE	FALSE	2	12	7.0
RTZI	Island	29-May-18	11:44	RTZI-3	33	FALSE	FALSE	2	12	4.0
RTZI	Island	14-Jun-18	09:55	RTZI-1	59	FALSE	FALSE	1	12	8.5
RTZI	Island	14-Jun-18	10:04	RTZI-2	72	FALSE	FALSE	3	12	7.0
RTZI	Island	14-Jun-18	10:12	RTZI-3	30	FALSE	FALSE	3	12	3.5
RTZI	Island	24-Jun-18	09:00	RTZI-1	46	FALSE	FALSE	0	12	9.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZI	Island	LAKE	No Selection	0.00	Sunny	Calm/Ripple	E	Above Normal	5	1.00
RTZI	Island	LAKE	No Selection	0.00	Sunny	Calm/Ripple	E	Above Normal	5	1.00
RTZI	Island	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	2	1.00
RTZI	Island	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	2	1.00
RTZI	Island	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	2	1.00
RTZI	Island	LAKE	No Selection	0.00	Partly Cloudy	Calm/Ripple	E	No Selection	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Partly Cloudy	Calm/Ripple	E	No Selection	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Partly Cloudy	Calm/Ripple	E	No Selection	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Hazy	Calm/Ripple	SE	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
		1)6-18-2018 weed spray knocked weeds back 2)5-6 inches of rain within the past 72 hours 3)Water has "transparent tan stain", noticed this after the heavy rain		
RTZI	Island	1)6-18-2018 weed spray knocked weeds back 2)5-6 inches of rain within the past 72 hours 3)Water has "transparent tan stain", noticed this after the heavy rain		
RTZI	Island	1)6-18-2018 weed spray knocked weeds back 2)5-6 inches of rain within the past 72 hours 3)Water has "transparent tan stain", noticed this after the heavy rain		
RTZI	Island		Lake water is browning up. Weeds are coming back strong <5'.	Clarke was resprayed for weeds on 7/11/18 as I was out taking the secchi
RTZI	Island		Lake water is browning up. Weeds are coming back strong <5'.	Clarke was resprayed for weeds on 7/11/18 as I was out taking the secchi
RTZI	Island		Lake water is browning up. Weeds are coming back strong <5'.	Clarke was resprayed for weeds on 7/11/18 as I was out taking the secchi
RTZI	Island	New aeration systems installed in Forest Bay (7/20/18) and Circle Lagoon.	Lake water is a pea green/brown shade	July 26th: 2nd weed spraying took place covering a 50' perimeter around the lake with some additional coverage on the Northeast part of the main lake
RTZI	Island	New aeration systems installed in Forest Bay (7/20/18) and Circle Lagoon.	Lake water is a pea green/brown shade	July 26th: 2nd weed spraying took place covering a 50' perimeter around the lake with some additional coverage on the Northeast part of the main lake
RTZI	Island	New aeration systems installed in Forest Bay (7/20/18) and Circle Lagoon.	Lake water is a pea green/brown shade	July 26th: 2nd weed spraying took place covering a 50' perimeter around the lake with some additional coverage on the Northeast part of the main lake
RTZI	Island	Water at dam plate height(first time this year). Water like split pea soup. Lots of surface algae and duckweed.		

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZI	Island	24-Jun-18	09:06	RTZI-2	36	FALSE	FALSE	0	12	7.0
RTZI	Island	24-Jun-18	09:15	RTZI-3	40	FALSE	FALSE	1	12	4.5
RTZI	Island	11-Jul-18	10:30	RTZI-1	32	FALSE	FALSE	0	12	9.0
RTZI	Island	11-Jul-18	10:37	RTZI-2	29	FALSE	FALSE	0	12	7.0
RTZI	Island	11-Jul-18	10:45	RTZI-3	25	FALSE	TRUE	3	12	4.0
RTZI	Island	24-Jul-18	13:50	RTZI-1	24	FALSE	FALSE	0	12	8.5
RTZI	Island	24-Jul-18	14:00	RTZI-2	19	FALSE	FALSE	0	12	6.5
RTZI	Island	24-Jul-18	14:08	RTZI-3	16	FALSE	FALSE	1	12	3.5
RTZI	Island	04-Aug-18	09:00	RTZI-1	14	FALSE	FALSE	0	12	8.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZI	Island	LAKE	No Selection	0.00	Hazy	Calm/Ripple	SE	Normal or Full	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Hazy	Calm/Ripple	SE	Normal or Full	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SE	Above Normal	4	1.00
RTZI	Island	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SE	Above Normal	4	1.00
RTZI	Island	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SE	Above Normal	4	1.00
RTZI	Island	LAKE	No Selection	0.00	Sunny	Small Waves	NE	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RTZI	Island	Water at dam plate height(first time this year). Water like split pea soup. Lots of surface algae and duckweed.		
RTZI	Island	Water at dam plate height(first time this year). Water like split pea soup. Lots of surface algae and duckweed.		
RTZI	Island	Lake looks like a "bowl of split pea soup". Finished sampling at 8am, and lake surface was swirls of algae with lots of duckweed. 8 hours later pure split pea green.		
RTZI	Island	Lake looks like a "bowl of split pea soup". Finished sampling at 8am, and lake surface was swirls of algae with lots of duckweed. 8 hours later pure split pea green.		
RTZI	Island	Lake looks like a "bowl of split pea soup". Finished sampling at 8am, and lake surface was swirls of algae with lots of duckweed. 8 hours later pure split pea green.		
RTZI	Island	1. Got 6 plus inches of rain 7-10 days ago. 2. Pea green, soup color 'flushed' over the dam? water more of a transparent brown.	Duckweed sporadic throughout lake	
RTZI	Island	1. Got 6 plus inches of rain 7-10 days ago. 2. Pea green, soup color 'flushed' over the dam? water more of a transparent brown.	Duckweed sporadic throughout lake	
RTZI	Island	1. Got 6 plus inches of rain 7-10 days ago. 2. Pea green, soup color 'flushed' over the dam? water more of a transparent brown.	Duckweed sporadic throughout lake	
RTZI	Island	1. Scattered surface duckweed 2. Water somewhat brown - like you'd see on the fox river		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZI	Island	04-Aug-18	09:08	RTZI-2	13	FALSE	FALSE	0	12	6.5
RTZI	Island	04-Aug-18	09:14	RTZI-3	11	FALSE	FALSE	0	12	3.5
RTZI	Island	13-Aug-18	15:50	RTZI-1	12	FALSE	FALSE	0	12	8.5
RTZI	Island	13-Aug-18	15:55	RTZI-2	12	FALSE	FALSE	0	12	6.5
RTZI	Island	13-Aug-18	16:02	RTZI-3	10	FALSE	FALSE	0	12	3.5
RTZI	Island	11-Sep-18	10:00	RTZI-1	20	FALSE	FALSE	0	12	9.0
RTZI	Island	11-Sep-18	10:10	RTZI-2	19	FALSE	FALSE	0	12	7.5
RTZI	Island	11-Sep-18	10:18	RTZI-3	23	FALSE	FALSE	0	12	4.0
RTZI	Island	24-Sep-18	10:10	RTZI-1	22	FALSE	FALSE	0	12	8.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZI	Island	LAKE	No Selection	0.00	Sunny	Small Waves	NE	Normal or Full	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Sunny	Small Waves	NE	Normal or Full	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Sunny	Small Waves	W	Normal or Full	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Sunny	Small Waves	W	Normal or Full	0	1.00
RTZI	Island	LAKE	No Selection	0.00	Sunny	Small Waves	W	Normal or Full	0	1.00
RTZI	Island	LAKE	Less Than 5%	1.75	Partly Cloudy	Small Waves	S	Above Normal	2	1.00
RTZI	Island	LAKE	Less Than 5%	1.75	Partly Cloudy	Small Waves	S	Above Normal	2	1.00
RTZI	Island	LAKE	Less Than 5%	1.75	Partly Cloudy	Small Waves	S	Above Normal	2	1.00
RNU	Jaycee	JEFFERSON	Less Than 5%	1.00	Partly Cloudy	Small Waves	NW	Normal or Full	0	1.00
RNU	Jaycee	JEFFERSON	Less Than 5%	1.00	Partly Cloudy	Small Waves	NW	Normal or Full	0	1.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Partly Cloudy	Small Waves	S	Above Normal	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Partly Cloudy	Small Waves	S	Above Normal	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Partly Cloudy	Small Waves	S	Above Normal	0	2.00
RNU	Jaycee	JEFFERSON	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
		1. Scattered surface duckweed		
RTZI	Island	2. Water somewhat brown - like you'd see on the fox river		
RTZI	Island	1. Scattered surface duckweed		
		2. Water somewhat brown - like you'd see on the fox river		
RTZI	Island		No duckweed observed. With cooler temps water is clearing up, I'll bet if checkd again in 2 weeks visibility would increase 12", last report for 2018	
RTZI	Island		No duckweed observed. With cooler temps water is clearing up, I'll bet if checkd again in 2 weeks visibility would increase 12", last report for 2018	
RTZI	Island		No duckweed observed. With cooler temps water is clearing up, I'll bet if checkd again in 2 weeks visibility would increase 12", last report for 2018	
RTZI	Island		1) Surface duckweed visibly lower without village intervention (2) water still brown looking but not as dirty below the surface	
RTZI	Island		1) Surface duckweed visibly lower without village intervention (2) water still brown looking but not as dirty below the surface	
RTZI	Island		1) Surface duckweed visibly lower without village intervention (2) water still brown looking but not as dirty below the surface	
RNU	Jaycee		Lilypads and Coontail	
RNU	Jaycee		Lilypads and Coontail	
RNU	Jaycee	a lot of rain!!		
RNU	Jaycee	a lot of rain!!		
RNU	Jaycee	a lot of rain!!		
RNU	Jaycee			

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZI	Island	24-Sep-18	10:15	RTZI-2	21	FALSE	FALSE	0	12	7.0
RTZI	Island	24-Sep-18	10:20	RTZI-3	22	FALSE	FALSE	0	12	4.0
RTZI	Island	22-Oct-18	12:45	RTZI-1	33	FALSE	FALSE	0	12	8.5
RTZI	Island	22-Oct-18	13:30	RTZI-2	35	FALSE	FALSE	0	12	7.0
RTZI	Island	22-Oct-18	13:40	RTZI-3	35	FALSE	FALSE	0	12	4.0
RTZI	Island	08-Oct-18	12:00	RTZI-1	25	FALSE	FALSE	0	12	9.0
RTZI	Island	08-Oct-18	12:08	RTZI-2	26	FALSE	FALSE	0	12	7.0
RTZI	Island	08-Oct-18	12:14	RTZI-3	24	FALSE	FALSE	0	12	4.0
RNU	Jaycee	19-Jun-18	17:00	RNU-1	88	FALSE	FALSE	0	6	8.0
RNU	Jaycee	19-Jun-18	17:00	RNU-2	90	FALSE	FALSE	0	6	8.0
RNU	Jaycee	09-Jul-18	17:00	RNU-1	94	FALSE	FALSE	0	6	8.0
RNU	Jaycee	09-Jul-18	17:50	RNU-2	96	FALSE	FALSE	0	6	8.0
RNU	Jaycee	09-Jul-18	18:00	RNU-3	0	FALSE	TRUE	4	6	0.0
RNU	Jaycee	19-Jul-18	17:00	RNU-1	90	FALSE	FALSE	0	6	8.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RNU	Jaycee	JEFFERSON	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Partly Cloudy	Small Waves	NW	Normal or Full	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Partly Cloudy	Small Waves	NW	Normal or Full	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Partly Cloudy	Small Waves	S	Normal or Full	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Partly Cloudy	Small Waves	S	Normal or Full	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Sunny	Small Waves	W	Below Normal	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Sunny	Calm/Ripple	NW	Above Normal	0	2.00
RNU	Jaycee	JEFFERSON	No Selection	0.00	Sunny	Calm/Ripple	NW	Above Normal	0	2.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	6.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	6.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	6.00
RTZV	Killarney	MCHENRY	51% To 70%	0.26	Partly Cloudy	Small Waves	SE	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.26	Partly Cloudy	Small Waves	SE	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.26	Partly Cloudy	Small Waves	SE	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	2.06	Partly Cloudy	Small Waves	NE	Above Normal	2	6.00
RTZV	Killarney	MCHENRY	51% To 70%	2.06	Partly Cloudy	Small Waves	NE	Above Normal	2	6.00

Lake Code	Waterbody	Observations	Other Information	Management
RNU	Jaycee			
RNU	Jaycee			
RNU	Jaycee			
RNU	Jaycee			
RNU	Jaycee			
RNU	Jaycee			
RNU	Jaycee			
RNU	Jaycee			
RNU	Jaycee	9 inches of rain over the past 4 days		
RNU	Jaycee	9 inches of rain over the past 4 days		
RTZV	Killarney	Unseasonably Hot weather and early algae bloom	Large amount of filamentous algae.	Aerators turned on 12hr. cycle 05/25/18 Due to hot weather and little wind.
RTZV	Killarney	Unseasonably Hot weather and early algae bloom	Large amount of filamentous algae.	Aerators turned on 12hr. cycle 05/25/18 Due to hot weather and little wind.
RTZV	Killarney	Unseasonably Hot weather and early algae bloom	Large amount of filamentous algae.	Aerators turned on 12hr. cycle 05/25/18 Due to hot weather and little wind.
RTZV	Killarney	Unseasonably hot weather. Water clarity has improved from last reading		Aquatic plant control applied 5/31/18. Aerators were turned off 5/31/18, D.O. were good.
RTZV	Killarney	Unseasonably hot weather. Water clarity has improved from last reading		Aquatic plant control applied 5/31/18. Aerators were turned off 5/31/18, D.O. were good.
RTZV	Killarney	Unseasonably hot weather. Water clarity has improved from last reading		Aquatic plant control applied 5/31/18. Aerators were turned off 5/31/18, D.O. were good.
RTZV	Killarney	Heavy Rains on 6/21 & 6/22 water level still above normal.		D.O. levels have dropped somewhat. Aerators turned on 12 hr. cycle 6/25/18.
RTZV	Killarney	Heavy Rains on 6/21 & 6/22 water level still above normal.		D.O. levels have dropped somewhat. Aerators turned on 12 hr. cycle 6/25/18.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RNU	Jaycee	19-Jul-18	17:00	RNU-2	92	FALSE	FALSE	0	6	8.0
RNU	Jaycee	25-Jul-18	17:00	RNU-1	80	FALSE	FALSE	0	6	22.0
RNU	Jaycee	25-Jul-18	17:30	RNU-2	81	FALSE	FALSE	1	6	12.0
RNU	Jaycee	02-Aug-18	14:00	RNU-1	72	FALSE	FALSE	0	5	22.0
RNU	Jaycee	02-Aug-18	14:30	RNU-2	70	FALSE	FALSE	1	5	12.0
RNU	Jaycee	02-Aug-18	15:00	RNU-3	0	FALSE	TRUE	4	5	6.0
RNU	Jaycee	07-Aug-18	16:00	RNU-1	80	FALSE	FALSE	0	3	22.0
RNU	Jaycee	07-Aug-18	17:00	RNU-2	81	FALSE	FALSE	1	3	12.0
RNU	Jaycee	13-Aug-18	12:00	RNU-1	70	FALSE	FALSE	0	3	22.0
RNU	Jaycee	12-Sep-18	17:00	RNU-1	62	FALSE	FALSE	0	5	22.0
RNU	Jaycee	12-Sep-18	18:00	RNU-2	60	FALSE	FALSE	1	5	12.0
RTZV	Killarney	29-May-18	14:20	RTZV-1	102	FALSE	FALSE	0	2	22.0
RTZV	Killarney	29-May-18	14:55	RTZV-2	132	FALSE	FALSE	0	2	19.0
RTZV	Killarney	29-May-18	15:25	RTZV-3	76	FALSE	FALSE	1	4	12.0
RTZV	Killarney	16-Jun-18	12:40	RTZV-1	162	FALSE	FALSE	0	3	21.0
RTZV	Killarney	16-Jun-18	13:05	RTZV-2	150	FALSE	FALSE	0	3	20.0
RTZV	Killarney	16-Jun-18	13:30	RTZV-3	126	TRUE	FALSE	1	3	11.0
RTZV	Killarney	25-Jun-18	15:05	RTZV-1	150	FALSE	FALSE	0	3	22.0
RTZV	Killarney	25-Jun-18	15:30	RTZV-2	153	FALSE	FALSE	0	3	19.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZV	Killarney	MCHENRY	51% To 70%	2.06	Partly Cloudy	Small Waves	NE	Above Normal	2	6.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Sunny	Small Waves	SW	Normal or Full	0	3.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Sunny	Small Waves	SW	Normal or Full	0	3.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Sunny	Small Waves	SW	Normal or Full	0	3.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	1.10	Overcast	Small Waves	SW	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	1.10	Overcast	Small Waves	SW	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	1.10	Overcast	Small Waves	SW	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Sunny	Calm/Ripple	SE	Above Normal	6	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Sunny	Calm/Ripple	SE	Above Normal	6	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Sunny	Calm/Ripple	SE	Above Normal	6	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RTZV	Killarney	Heavy Rains on 6/21 & 6/22 water level still above normal.		D.O. levels have dropped somewhat. Aerators turned on 12 hr. cycle 6/25/18.
RTZV	Killarney	Above average air temps last two weeks		Aerators on 12 hr. cycle
RTZV	Killarney	Above average air temps last two weeks		Aerators on 12 hr. cycle
RTZV	Killarney	Above average air temps last two weeks		Aerators on 12 hr. cycle
RTZV	Killarney	West Channel has heavy growth of Coontail & Bladderwort. D.O. levels have dropped somewhat since last monitoring		Aerators turned on 24/7 7/26/18
RTZV	Killarney	West Channel has heavy growth of Coontail & Bladderwort. D.O. levels have dropped somewhat since last monitoring		Aerators turned on 24/7 7/26/18
RTZV	Killarney	West Channel has heavy growth of Coontail & Bladderwort. D.O. levels have dropped somewhat since last monitoring		Aerators turned on 24/7 7/26/18
RTZV	Killarney	None		Aerators on 24/7
RTZV	Killarney	None		Aerators on 24/7
RTZV	Killarney	None		Aerators on 24/7
RTZV	Killarney	No changes since last monitoring		Aerators on 24/7 Additional treatment for aquatic plants in west channel 08/07/18
RTZV	Killarney	No changes since last monitoring		Aerators on 24/7 Additional treatment for aquatic plants in west channel 08/07/18
RTZV	Killarney	No changes since last monitoring		Aerators on 24/7 Additional treatment for aquatic plants in west channel 08/07/18
RTZV	Killarney	5.5" of rain last week		Aerators on 24/7
RTZV	Killarney	5.5" of rain last week		Aerators on 24/7
RTZV	Killarney	5.5" of rain last week		Aerators on 24/7

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZV	Killarney	25-Jun-18	15:55	RTZV-3	132	TRUE	FALSE	1	3	11.0
RTZV	Killarney	09-Jul-18	12:05	RTZV-1	78	FALSE	FALSE	0	3	22.0
RTZV	Killarney	09-Jul-18	12:35	RTZV-2	78	FALSE	FALSE	0	3	18.0
RTZV	Killarney	09-Jul-18	13:05	RTZV-3	72	FALSE	FALSE	2	3	12.0
RTZV	Killarney	25-Jul-18	12:40	RTZV-1	96	FALSE	FALSE	0	3	21.0
RTZV	Killarney	25-Jul-18	13:10	RTZV-2	96	FALSE	FALSE	0	3	19.0
RTZV	Killarney	25-Jul-18	13:35	RTZV-3	96	FALSE	FALSE	2	3	11.0
RTZV	Killarney	13-Aug-18	12:55	RTZV-1	90	FALSE	FALSE	0	3	21.0
RTZV	Killarney	13-Aug-18	13:20	RTZV-2	84	FALSE	FALSE	0	3	18.0
RTZV	Killarney	13-Aug-18	13:40	RTZV-3	78	FALSE	FALSE	0	3	11.0
RTZV	Killarney	27-Aug-18	12:45	RTZV-1	84	FALSE	FALSE	0	3	20.0
RTZV	Killarney	27-Aug-18	13:10	RTZV-2	90	FALSE	FALSE	0	3	18.0
RTZV	Killarney	27-Aug-18	13:35	RTZV-3	84	FALSE	FALSE	1	3	11.0
RTZV	Killarney	11-Sep-18	12:40	RTZV-1	84	FALSE	FALSE	0	3	22.5
RTZV	Killarney	11-Sep-18	13:15	RTZV-2	96	FALSE	FALSE	0	3	19.0
RTZV	Killarney	11-Sep-18	13:35	RTZV-3	96	FALSE	FALSE	1	3	11.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	4.00
RTZV	Killarney	MCHENRY	51% To 70%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	4.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	2.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	2.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	2.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	2.50
RNC	Kinkaid	JACKSON	Less Than 5%	2.00	Sunny	Calm/Ripple	W	Above Normal	0.2	10.50
RNC	Kinkaid	JACKSON	Less Than 5%	2.00	Sunny	Calm/Ripple	W	Above Normal	0.2	10.50
RNC	Kinkaid	JACKSON	Less Than 5%	2.00	Sunny	Calm/Ripple	W	Above Normal	0.2	10.50
RNC	Kinkaid	JACKSON	Less Than 5%	2.00	Sunny	Calm/Ripple	W	Above Normal	0.2	10.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	0.1	4.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	0.1	4.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	0.1	4.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	0.1	4.50
RNC	Kinkaid	JACKSON	Less Than 5%	1.75	Overcast	Calm/Ripple	SW	Above Normal	0.2	7.00
RNC	Kinkaid	JACKSON	Less Than 5%	1.75	Overcast	Calm/Ripple	SW	Above Normal	0.2	7.00
RNC	Kinkaid	JACKSON	Less Than 5%	1.75	Overcast	Calm/Ripple	SW	Above Normal	0.2	7.00
RNC	Kinkaid	JACKSON	Less Than 5%	1.75	Overcast	Calm/Ripple	SW	Above Normal	0.2	7.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	0.3	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	0.3	3.50

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZV	Killarney	24-Sep-18	12:20	RTZV-1	90	FALSE	FALSE	0	3	22.0
RTZV	Killarney	24-Sep-18	12:50	RTZV-2	90	FALSE	FALSE	0	3	18.0
RTZV	Killarney	24-Sep-18	13:10	RTZV-3	90	FALSE	FALSE	1	3	11.0
RTZV	Killarney	22-Oct-18	14:05	RTZV-1	126	FALSE	FALSE	0	2	20.0
RTZV	Killarney	22-Oct-18	14:30	RTZV-2	138	FALSE	FALSE	0	2	18.0
RTZV	Killarney	22-Oct-18	14:55	RTZV-3	120	TRUE	FALSE	1	2	10.0
RNC	Kinkaid	10-May-18	10:38	RNC-1	80	FALSE	FALSE	0	12	56.0
RNC	Kinkaid	10-May-18	10:02	RNC-2	72	FALSE	FALSE	0	12	41.0
RNC	Kinkaid	10-May-18	09:32	RNC-3	55	FALSE	FALSE	0	12	28.0
RNC	Kinkaid	10-May-18	11:11	RNC-9	71	FALSE	FALSE	0	12	24.0
RNC	Kinkaid	22-May-18	09:55	RNC-1	86	FALSE	FALSE	0	12	57.0
RNC	Kinkaid	22-May-18	09:25	RNC-2	86	FALSE	FALSE	0	12	40.0
RNC	Kinkaid	22-May-18	09:05	RNC-3	61	FALSE	FALSE	0	12	37.0
RNC	Kinkaid	22-May-18	10:34	RNC-9	79	FALSE	FALSE	0	12	25.0
RNC	Kinkaid	12-Jun-18	11:13	RNC-1	70	FALSE	FALSE	0	13	57.0
RNC	Kinkaid	12-Jun-18	10:42	RNC-2	70	FALSE	FALSE	0	13	39.0
RNC	Kinkaid	12-Jun-18	10:15	RNC-3	51	FALSE	FALSE	0	12	30.0
RNC	Kinkaid	12-Jun-18	11:59	RNC-9	61	FALSE	FALSE	0	12	23.0
RNC	Kinkaid	28-Jun-18	11:32	RNC-1	74	FALSE	FALSE	0	12	57.0
RNC	Kinkaid	28-Jun-18	11:02	RNC-2	52	FALSE	FALSE	0	13	40.0
RNC	Kinkaid	28-Jun-18	10:29	RNC-3	47	FALSE	FALSE	0	13	30.0
RNC	Kinkaid	28-Jun-18	08:43	RNC-9	62	FALSE	FALSE	0	13	26.0
RNC	Kinkaid	16-Jul-18	09:54	RNC-1	58	FALSE	FALSE	0	12	56.0
RNC	Kinkaid	16-Jul-18	09:24	RNC-2	48	FALSE	FALSE	0	13	40.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	0.3	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	0.3	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	1.30	Overcast	Small Waves	N	Below Normal	0.6	6.50
RNC	Kinkaid	JACKSON	Less Than 5%	1.30	Overcast	Small Waves	N	Below Normal	0.6	6.50
RNC	Kinkaid	JACKSON	Less Than 5%	1.30	Overcast	Small Waves	N	Below Normal	0.6	6.50
RNC	Kinkaid	JACKSON	Less Than 5%	1.30	Overcast	Small Waves	N	Below Normal	0.6	6.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	S	Below Normal	0.7	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	S	Below Normal	0.7	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	S	Below Normal	0.7	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	S	Below Normal	0.7	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	0.6	6.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	0.6	6.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	0.6	6.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	0.6	6.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	0.1	4.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	0.1	4.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	0.1	4.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	0.1	4.00
RNC	Kinkaid	JACKSON	Less Than 5%	4.00	Partly Cloudy	Small Waves	N	Above Normal	0.3	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	4.00	Partly Cloudy	Small Waves	N	Above Normal	0.3	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	4.00	Partly Cloudy	Small Waves	N	Above Normal	0.3	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	4.00	Partly Cloudy	Small Waves	N	Above Normal	0.3	3.50
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SE	Below Normal	0.4	3.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SE	Below Normal	0.4	3.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SE	Below Normal	0.4	3.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SE	Below Normal	0.4	3.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	0.4	4.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	0.4	4.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	0.4	4.00
RNC	Kinkaid	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	0.4	4.00
STM	La Fox Pond	KANE	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	S	Above Normal	3	3.00

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RNC	Kinkaid	16-Jul-18	08:51	RNC-3	42	FALSE	FALSE	0	13	30.0
RNC	Kinkaid	16-Jul-18	10:35	RNC-9	56	FALSE	FALSE	0	13	24.0
RNC	Kinkaid	30-Jul-18	10:33	RNC-1	52	FALSE	FALSE	0	13	57.0
RNC	Kinkaid	30-Jul-18	10:00	RNC-2	52	FALSE	FALSE	0	13	39.0
RNC	Kinkaid	30-Jul-18	09:28	RNC-3	44	FALSE	FALSE	0	13	35.0
RNC	Kinkaid	30-Jul-18	11:15	RNC-9	60	FALSE	FALSE	0	12	23.0
RNC	Kinkaid	14-Aug-18	10:22	RNC-1	75	FALSE	FALSE	0	13	56.0
RNC	Kinkaid	14-Aug-18	09:54	RNC-2	57	FALSE	FALSE	0	13	39.0
RNC	Kinkaid	14-Aug-18	09:27	RNC-3	47	FALSE	FALSE	0	13	27.0
RNC	Kinkaid	14-Aug-18	11:02	RNC-9	74	FALSE	FALSE	0	13	23.0
RNC	Kinkaid	28-Aug-18	10:23	RNC-1	70	FALSE	FALSE	0	13	57.0
RNC	Kinkaid	28-Aug-18	09:49	RNC-2	58	FALSE	FALSE	0	12	39.0
RNC	Kinkaid	28-Aug-18	09:16	RNC-3	41	FALSE	FALSE	0	13	29.0
RNC	Kinkaid	28-Aug-18	11:04	RNC-9	58	FALSE	FALSE	0	13	22.0
RNC	Kinkaid	11-Sep-18	10:56	RNC-1	64	FALSE	FALSE	0	13	56.0
RNC	Kinkaid	11-Sep-18	10:24	RNC-2	48	FALSE	FALSE	0	13	40.0
RNC	Kinkaid	11-Sep-18	09:56	RNC-3	36	FALSE	FALSE	0	13	30.0
RNC	Kinkaid	11-Sep-18	11:32	RNC-9	42	FALSE	FALSE	0	13	21.0
RNC	Kinkaid	26-Sep-18	10:10	RNC-1	57	FALSE	FALSE	0	13	58.0
RNC	Kinkaid	26-Sep-18	09:38	RNC-2	51	FALSE	FALSE	0	13	40.0
RNC	Kinkaid	26-Sep-18	09:09	RNC-3	30	FALSE	FALSE	0	13	37.0
RNC	Kinkaid	26-Sep-18	10:48	RNC-9	41	FALSE	FALSE	0	13	26.0
RNC	Kinkaid	09-Oct-18	10:00	RNC-1	72	FALSE	FALSE	0	13	56.0
RNC	Kinkaid	09-Oct-18	09:32	RNC-2	61	FALSE	FALSE	0	13	39.0
RNC	Kinkaid	09-Oct-18	09:05	RNC-3	49	FALSE	FALSE	0	13	30.0
RNC	Kinkaid	09-Oct-18	10:34	RNC-9	66	FALSE	FALSE	0	13	22.0
RNC	Kinkaid	23-Oct-18	10:41	RNC-1	56	FALSE	FALSE	0	13	56.0
RNC	Kinkaid	23-Oct-18	10:06	RNC-2	42	FALSE	FALSE	0	13	40.0
RNC	Kinkaid	23-Oct-18	09:36	RNC-3	36	FALSE	FALSE	0	13	27.0
RNC	Kinkaid	23-Oct-18	11:26	RNC-9	56	FALSE	FALSE	0	13	22.0
STM	La Fox Pond	03-May-18	11:31	STM-1	111	TRUE	FALSE	0	20	9.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STM	La Fox Pond	KANE	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	S	Above Normal	3	3.00
STM	La Fox Pond	KANE	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	S	Above Normal	3	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	3.00

Lake Code	Waterbody	Observations	Other Information	Management
STM	La Fox Pond	Has been a cool, dry spring until recently.	D.O. = 10.44 PPM; 119% Saturation Temp = 64.7' F; 18.9' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara	Aerators not yet turned on for the season. Treated on this date (following secchi readings) with 205G Aquashade Dye, 2.5G Nautique; 1qt Clearigate; 1qt Cutrine Ultra
STM	La Fox Pond	Has been a cool, dry spring until recently.	D.O. = 10.44 PPM; 119% Saturation Temp = 64.7' F; 18.9' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara	Aerators not yet turned on for the season. Treated on this date (following secchi readings) with 205G Aquashade Dye, 2.5G Nautique; 1qt Clearigate; 1qt Cutrine Ultra
STM	La Fox Pond		D.O. 9.52 PPM; 124% Saturation Temp: 80.2' F; 26.6' C Horned Pondweed, Filamentous algae, Chara Secchi Color readings affected by blue aquashade dye	Treated on 5-10-18 with 0.25G Cutrine Ultra; 16oz Clearigate, 0.5G Aquaprep Treated 5-29 following secchi reading with 2.5G Aquashade dye, 2.5G Nautique, 1.25G Reward, 2.5G Aquaprep; 2.5G Cutrine Ultra, and 1G Clearigate 4 Airstone diffusers running
STM	La Fox Pond		D.O. 9.52 PPM; 124% Saturation Temp: 80.2' F; 26.6' C Horned Pondweed, Filamentous algae, Chara Secchi Color readings affected by blue aquashade dye	Treated on 5-10-18 with 0.25G Cutrine Ultra; 16oz Clearigate, 0.5G Aquaprep Treated 5-29 following secchi reading with 2.5G Aquashade dye, 2.5G Nautique, 1.25G Reward, 2.5G Aquaprep; 2.5G Cutrine Ultra, and 1G Clearigate 4 Airstone diffusers running
STM	La Fox Pond		D.O. 9.52 PPM; 124% Saturation Temp: 80.2' F; 26.6' C Horned Pondweed, Filamentous algae, Chara Secchi Color readings affected by blue aquashade dye	Treated on 5-10-18 with 0.25G Cutrine Ultra; 16oz Clearigate, 0.5G Aquaprep Treated 5-29 following secchi reading with 2.5G Aquashade dye, 2.5G Nautique, 1.25G Reward, 2.5G Aquaprep; 2.5G Cutrine Ultra, and 1G Clearigate 4 Airstone diffusers running

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STM	La Fox Pond	03-May-18	11:45	STM-2	75	TRUE	FALSE	0	20	6.5
STM	La Fox Pond	03-May-18	11:59	STM-3	76	TRUE	FALSE	0	20	6.5
STM	La Fox Pond	29-May-18	11:25	STM-1	86	FALSE	FALSE	0	20	8.5
STM	La Fox Pond	29-May-18	11:32	STM-2	72	TRUE	FALSE	0	20	6.0
STM	La Fox Pond	29-May-18	11:52	STM-3	72	TRUE	FALSE	1	20	6.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	2	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	2	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	2	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Small Waves	NE	Above Normal	2	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Small Waves	NE	Above Normal	2	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Small Waves	NE	Above Normal	2	3.00

Lake Code	Waterbody	Observations	Other Information	Management
STM	La Fox Pond		D.O. 7.96PPM; 99.3% Saturation Temp 74°F; 23.0° C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Treated on 5/29/18 with 2.5G Aquashade Dye, 2.5G Nautique; 1.25G Reward; 2.5G Aquaprep; 2.5G Cutrine Ultra; 1G Clearigate.
STM	La Fox Pond		D.O. 7.96PPM; 99.3% Saturation Temp 74°F; 23.0° C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Treated on 5/29/18 with 2.5G Aquashade Dye, 2.5G Nautique; 1.25G Reward; 2.5G Aquaprep; 2.5G Cutrine Ultra; 1G Clearigate.
STM	La Fox Pond		D.O. 7.96PPM; 99.3% Saturation Temp 74°F; 23.0° C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Treated on 5/29/18 with 2.5G Aquashade Dye, 2.5G Nautique; 1.25G Reward; 2.5G Aquaprep; 2.5G Cutrine Ultra; 1G Clearigate.
STM	La Fox Pond	Above Avg Precip for June	D.O.: 8.3 PPM; 103.1% Saturation Temp: 74.8° F; 23.8° C -Secchi color readings affected by aquashade blue dye. Some filamentous algae and Horned Pondweed	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Pond treated on 6/7 with 40 oz Cutrine Ultra; 32oz Aqua prep
STM	La Fox Pond	Above Avg Precip for June	D.O.: 8.3 PPM; 103.1% Saturation Temp: 74.8° F; 23.8° C -Secchi color readings affected by aquashade blue dye. Some filamentous algae and Horned Pondweed	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Pond treated on 6/7 with 40 oz Cutrine Ultra; 32oz Aqua prep
STM	La Fox Pond	Above Avg Precip for June	D.O.: 8.3 PPM; 103.1% Saturation Temp: 74.8° F; 23.8° C -Secchi color readings affected by aquashade blue dye. Some filamentous algae and Horned Pondweed	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Pond treated on 6/7 with 40 oz Cutrine Ultra; 32oz Aqua prep

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STM	La Fox Pond	07-Jun-18	10:45	STM-1	48	FALSE	FALSE	0	1	9.0
STM	La Fox Pond	07-Jun-18	10:55	STM-2	50	FALSE	FALSE	0	1	6.0
STM	La Fox Pond	07-Jun-18	11:09	STM-3	50	FALSE	FALSE	0	1	7.0
STM	La Fox Pond	25-Jun-18	10:50	STM-1	45	FALSE	FALSE	0	1	9.0
STM	La Fox Pond	25-Jun-18	10:59	STM-2	46	FALSE	FALSE	0	1	6.0
STM	La Fox Pond	25-Jun-18	11:16	STM-3	46	FALSE	FALSE	0	1	6.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	3.50
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	3.50
STM	La Fox Pond	KANE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	3.50

Lake Code	Waterbody	Observations	Other Information	Management
STM	La Fox Pond		-Secchi color readings greatly affected by aquashade blue dye. D.O. 9.0 PPM, 120% Saturation Temp 81.9' F, 27.9' C Horned Pondweed, Plankton Algae present, Filamentous algae	-Lake has continuous Aeration by 10 airstone diffusers on lake bottom. Treated on 6-25-18 w 0.5 g Cutrine Ultra, 1/2 g clearigate, 48 oz Aquaprep and 2.5 g aquashade dye
STM	La Fox Pond		-Secchi color readings greatly affected by aquashade blue dye. D.O. 9.0 PPM, 120% Saturation Temp 81.9' F, 27.9' C Horned Pondweed, Plankton Algae present, Filamentous algae	-Lake has continuous Aeration by 10 airstone diffusers on lake bottom. Treated on 6-25-18 w 0.5 g Cutrine Ultra, 1/2 g clearigate, 48 oz Aquaprep and 2.5 g aquashade dye
STM	La Fox Pond		-Secchi color readings greatly affected by aquashade blue dye. D.O. 9.0 PPM, 120% Saturation Temp 81.9' F, 27.9' C Horned Pondweed, Plankton Algae present, Filamentous algae	-Lake has continuous Aeration by 10 airstone diffusers on lake bottom. Treated on 6-25-18 w 0.5 g Cutrine Ultra, 1/2 g clearigate, 48 oz Aquaprep and 2.5 g aquashade dye
STM	La Fox Pond		D.O.: 8.95 PPM; 117.6% Saturation Temp: 80.2' F, 26.2' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara, Filamentous and planktonic algae	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Treated on 7/9/18 with 0.75G Cutrine Ultra, 0.5G Reward, and 0.8G Aquaprep treated on 7/16/18 with 0.25G Cutrine ultra & 8oz Clearigate
STM	La Fox Pond		D.O.: 8.95 PPM; 117.6% Saturation Temp: 80.2' F, 26.2' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara, Filamentous and planktonic algae	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Treated on 7/9/18 with 0.75G Cutrine Ultra, 0.5G Reward, and 0.8G Aquaprep treated on 7/16/18 with 0.25G Cutrine ultra & 8oz Clearigate
STM	La Fox Pond		D.O.: 8.95 PPM; 117.6% Saturation Temp: 80.2' F, 26.2' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara, Filamentous and planktonic algae	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Treated on 7/9/18 with 0.75G Cutrine Ultra, 0.5G Reward, and 0.8G Aquaprep treated on 7/16/18 with 0.25G Cutrine ultra & 8oz Clearigate

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STM	La Fox Pond	09-Jul-18	10:47	STM-1	33	FALSE	FALSE	0	1	9.0
STM	La Fox Pond	09-Jul-18	10:58	STM-2	33	FALSE	FALSE	0	7	6.0
STM	La Fox Pond	09-Jul-18	11:11	STM-3	28	FALSE	FALSE	0	7	6.5
STM	La Fox Pond	26-Jul-18	10:35	STM-1	33	FALSE	FALSE	0	6	9.0
STM	La Fox Pond	26-Jul-18	10:42	STM-2	33	FALSE	FALSE	0	7	6.0
STM	La Fox Pond	26-Jul-18	10:57	STM-3	33	FALSE	FALSE	0	7	6.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STM	La Fox Pond	KANE	Less Than 5%	0.05	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	3.50
STM	La Fox Pond	KANE	Less Than 5%	0.05	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	3.50
STM	La Fox Pond	KANE	Less Than 5%	0.05	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	3.50
STM	La Fox Pond	KANE	5% To 25%	2.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	3.00
STM	La Fox Pond	KANE	5% To 25%	2.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	3.00

Lake Code	Waterbody	Observations	Other Information	Management
STM	La Fox Pond		D.O. 8.4 PPM, 111.2% Saturation Temp: 81.2°F, 27.2°C -Secchi color readings affected by aquashade blue dye. Very little filamentous algae, small amt of Horned Pondweed, minor amt of emergent spike rush	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. - Treated on 7/26/18 w 112oz Cutrine Ultra, 48oz Clearigate, 18oz Aquaprep, 64oz Aquastrike -Treated on 8/3/18 w 64oz Cutrine Ultra, 48 oz Clearigate, 18 oz Aquaprep, & 2.5 gallons Aquashade blue dye
STM	La Fox Pond		D.O. 8.4 PPM, 111.2% Saturation Temp: 81.2°F, 27.2°C -Secchi color readings affected by aquashade blue dye. Very little filamentous algae, small amt of Horned Pondweed, minor amt of emergent spike rush	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. - Treated on 7/26/18 w 112oz Cutrine Ultra, 48oz Clearigate, 18oz Aquaprep, 64oz Aquastrike -Treated on 8/3/18 w 64oz Cutrine Ultra, 48 oz Clearigate, 18 oz Aquaprep, & 2.5 gallons Aquashade blue dye
STM	La Fox Pond		D.O. 8.4 PPM, 111.2% Saturation Temp: 81.2°F, 27.2°C -Secchi color readings affected by aquashade blue dye. Very little filamentous algae, small amt of Horned Pondweed, minor amt of emergent spike rush	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. - Treated on 7/26/18 w 112oz Cutrine Ultra, 48oz Clearigate, 18oz Aquaprep, 64oz Aquastrike -Treated on 8/3/18 w 64oz Cutrine Ultra, 48 oz Clearigate, 18 oz Aquaprep, & 2.5 gallons Aquashade blue dye
STM	La Fox Pond		D.O. 5.66 PPM, 71.8% saturation Temp: 75.6' F, 24.5' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, a few scattered cattails and spike rush	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Pond treated on 8-16-18 with 1/2 gallon of Cutrine Ultra
STM	La Fox Pond		D.O. 5.66 PPM, 71.8% saturation Temp: 75.6' F, 24.5' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, a few scattered cattails and spike rush	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Pond treated on 8-16-18 with 1/2 gallon of Cutrine Ultra

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STM	La Fox Pond	16-Aug-18	11:04	STM-1	36	FALSE	FALSE	0	1	9.5
STM	La Fox Pond	16-Aug-18	11:16	STM-2	36	FALSE	FALSE	0	1	6.0
STM	La Fox Pond	16-Aug-18	11:24	STM-3	36	FALSE	FALSE	0	1	6.0
STM	La Fox Pond	30-Aug-18	10:41	STM-1	42	FALSE	FALSE	0	1	9.5
STM	La Fox Pond	30-Aug-18	10:52	STM-2	40	FALSE	FALSE	0	1	6.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STM	La Fox Pond	KANE	5% To 25%	2.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	3.00
STM	La Fox Pond	KANE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Below Normal	1	3.00
STM	La Fox Pond	KANE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Below Normal	1	3.00
STM	La Fox Pond	KANE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Below Normal	1	3.00
STM	La Fox Pond	KANE	5% To 25%	1.00	Sunny	Small Waves	S	Below Normal	1	3.50
STM	La Fox Pond	KANE	5% To 25%	1.00	Sunny	Small Waves	S	Below Normal	1	3.50
STM	La Fox Pond	KANE	5% To 25%	1.00	Sunny	Small Waves	S	Below Normal	1	3.50

Lake Code	Waterbody	Observations	Other Information	Management
STM	La Fox Pond		D.O. 5.66 PPM, 71.8% saturation Temp: 75.6' F, 24.5' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, a few scattered cattails and spike rush	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Pond treated on 8-16-18 with 1/2 gallon of Cutrine Ultra
STM	La Fox Pond		-Secchi color readings affected by aquashade blue dye. Horned Pondweed, minor amount of filamentous algae D.O. 8.69 PPM, 107.1% Saturation Temp 73.7° F, 24.3° C	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. - Treated on this date following readings with 1/2g Cutrine Ultra
STM	La Fox Pond		-Secchi color readings affected by aquashade blue dye. Horned Pondweed, minor amount of filamentous algae D.O. 8.69 PPM, 107.1% Saturation Temp 73.7° F, 24.3° C	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. - Treated on this date following readings with 1/2g Cutrine Ultra
STM	La Fox Pond		-Secchi color readings affected by aquashade blue dye. Horned Pondweed, minor amount of filamentous algae D.O. 8.69 PPM, 107.1% Saturation Temp 73.7° F, 24.3° C	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. - Treated on this date following readings with 1/2g Cutrine Ultra
STM	La Fox Pond		D.O. 8.22 PPM, 91.5% Saturation Temp X° F, X° C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Treated on this date with 1/2g Cutrine Ultra and 1/2g Reward
STM	La Fox Pond		D.O. 8.22 PPM, 91.5% Saturation Temp X° F, X° C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Treated on this date with 1/2g Cutrine Ultra and 1/2g Reward
STM	La Fox Pond		D.O. 8.22 PPM, 91.5% Saturation Temp X° F, X° C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Chara	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom. Treated on this date with 1/2g Cutrine Ultra and 1/2g Reward

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STM	La Fox Pond	30-Aug-18	11:07	STM-3	42	FALSE	FALSE	0	1	6.5
STM	La Fox Pond	14-Sep-18	12:35	STM-1	44	FALSE	FALSE	0	8	9.0
STM	La Fox Pond	14-Sep-18	12:43	STM-2	44	FALSE	FALSE	0	8	6.0
STM	La Fox Pond	14-Sep-18	12:57	STM-3	44	FALSE	FALSE	0	8	6.0
STM	La Fox Pond	03-Oct-18	09:52	STM-1	59	FALSE	FALSE	0	1	9.0
STM	La Fox Pond	03-Oct-18	10:06	STM-2	53	FALSE	FALSE	0	1	6.0
STM	La Fox Pond	03-Oct-18	10:16	STM-3	55	FALSE	FALSE	0	1	6.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STM	La Fox Pond	KANE	Less Than 5%	0.00	Overcast	Small Waves	SW	Above Normal	1.5	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Overcast	Small Waves	SW	Above Normal	1.5	3.00
STM	La Fox Pond	KANE	Less Than 5%	0.00	Overcast	Small Waves	SW	Above Normal	1.5	3.00
STM	La Fox Pond	KANE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Above Normal	3	3.00
STM	La Fox Pond	KANE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Above Normal	3	3.00
STM	La Fox Pond	KANE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Above Normal	3	3.00
RAL	Lake of Egypt	WILLIAMSON	No Selection	0.00	Sunny	White Caps	S	Normal or Full	0	6.00
RAL	Lake of Egypt	WILLIAMSON	No Selection	0.00	Sunny	White Caps	S	Normal or Full	0	6.00
RAL	Lake of Egypt	WILLIAMSON	No Selection	0.00	Sunny	White Caps	S	Normal or Full	0	6.00

Lake Code	Waterbody	Observations	Other Information	Management
STM	La Fox Pond	greatly increased clarity	-Secchi color readings affected by aquashade blue dye. D.O. 7.49 PPM, 73.2% Saturation Temp 50.5° F, 10.5° C Horned Pondweed, Chara	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom.
STM	La Fox Pond	greatly increased clarity	-Secchi color readings affected by aquashade blue dye. D.O. 7.49 PPM, 73.2% Saturation Temp 50.5° F, 10.5° C Horned Pondweed, Chara	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom.
STM	La Fox Pond	greatly increased clarity	-Secchi color readings affected by aquashade blue dye. D.O. 7.49 PPM, 73.2% Saturation Temp 50.5° F, 10.5° C Horned Pondweed, Chara	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom.
STM	La Fox Pond		-Secchi color readings affected by aquashade blue dye. D.O. 10.15 PPM, 91.0% Saturation Temp: 44.2° F, 6.2° C Horned Pondweed (laid down on bottom), some filamentous algae in shallow water	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom.
STM	La Fox Pond		-Secchi color readings affected by aquashade blue dye. D.O. 10.15 PPM, 91.0% Saturation Temp: 44.2° F, 6.2° C Horned Pondweed (laid down on bottom), some filamentous algae in shallow water	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom.
STM	La Fox Pond		-Secchi color readings affected by aquashade blue dye. D.O. 10.15 PPM, 91.0% Saturation Temp: 44.2° F, 6.2° C Horned Pondweed (laid down on bottom), some filamentous algae in shallow water	-Lake has continuous Aeration by 4 airstone diffusers on Lake bottom.
RAL	Lake of Egypt	exceptionally cold , wet winter.		
RAL	Lake of Egypt	exceptionally cold , wet winter.		
RAL	Lake of Egypt	exceptionally cold , wet winter.		

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STM	La Fox Pond	19-Oct-18	11:45	STM-1	82	FALSE	FALSE	0	1	9.0
STM	La Fox Pond	19-Oct-18	11:50	STM-2	72	TRUE	FALSE	0	1	6.0
STM	La Fox Pond	19-Oct-18	11:54	STM-3	78	TRUE	FALSE	0	1	6.5
STM	La Fox Pond	08-Nov-18	11:42	STM-1	97	FALSE	FALSE	0	20	9.0
STM	La Fox Pond	08-Nov-18	11:46	STM-2	74	TRUE	FALSE	0	20	6.0
STM	La Fox Pond	08-Nov-18	11:57	STM-3	79	TRUE	FALSE	0	20	6.5
RAL	Lake of Egypt	11-May-18	14:45	RAL-1	52	FALSE	FALSE	0	12	36.0
RAL	Lake of Egypt	11-May-18	15:00	RAL-2	66	FALSE	FALSE	0	12	31.0
RAL	Lake of Egypt	11-May-18	15:12	RAL-3	60	FALSE	FALSE	0	12	10.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RAL	Lake of Egypt	WILLIAMSON	No Selection	0.60	Sunny	Calm/Ripple	N	Above Normal	1	8.00
RAL	Lake of Egypt	WILLIAMSON	No Selection	0.60	Sunny	Calm/Ripple	N	Above Normal	1	8.00
RAL	Lake of Egypt	WILLIAMSON	No Selection	0.60	Sunny	Calm/Ripple	N	Above Normal	1	8.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Below Normal	2	15.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Below Normal	2	15.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Below Normal	2	15.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	2.10	Overcast	Calm/Ripple	W	Below Normal	4	6.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	2.10	Overcast	Calm/Ripple	W	Below Normal	4	6.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	2.10	Overcast	Calm/Ripple	W	Below Normal	4	6.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.25	Sunny	Calm/Ripple	NW	Below Normal	8	6.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.25	Sunny	Calm/Ripple	NW	Below Normal	8	6.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.25	Sunny	Calm/Ripple	NW	Below Normal	8	6.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	3	10.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	3	10.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	3	10.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.75	Overcast	Calm/Ripple	W	Below Normal	9	15.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.75	Overcast	Calm/Ripple	W	Below Normal	9	15.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.75	Overcast	Calm/Ripple	W	Below Normal	9	15.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.50	Overcast	White Caps	NW	Below Normal	12	6.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.50	Overcast	White Caps	NW	Below Normal	12	6.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.50	Overcast	White Caps	NW	Below Normal	12	6.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Overcast	Calm/Ripple	NE	Below Normal	11	10.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Overcast	Calm/Ripple	NE	Below Normal	11	10.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Overcast	Calm/Ripple	NE	Below Normal	11	10.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	1.50	Partly Cloudy	Moderate Waves	NW	Below Normal	10	4.50
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	1.50	Partly Cloudy	Moderate Waves	NW	Below Normal	10	4.50
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	1.50	Partly Cloudy	Moderate Waves	NW	Below Normal	10	4.50

Lake Code	Waterbody	Observations	Other Information	Management
RAL	Lake of Egypt			
RAL	Lake of Egypt			
RAL	Lake of Egypt			
RAL	Lake of Egypt			Zebra Mussel trap put in 05/23/18
RAL	Lake of Egypt			Zebra Mussel trap put in 05/23/18
RAL	Lake of Egypt			Zebra Mussel trap put in 05/23/18
RAL	Lake of Egypt			a few areas have increased rip rap check zebra mussel trap npne found
RAL	Lake of Egypt			a few areas have increased rip rap check zebra mussel trap npne found
RAL	Lake of Egypt			a few areas have increased rip rap check zebra mussel trap npne found
RAL	Lake of Egypt			Checked Zebra Muscle traps; none found.
RAL	Lake of Egypt			Checked Zebra Muscle traps; none found.
RAL	Lake of Egypt			Checked Zebra Muscle traps; none found.
RAL	Lake of Egypt	Recent severe storm; many trees uprooted.		
RAL	Lake of Egypt	Recent severe storm; many trees uprooted.		
RAL	Lake of Egypt	Recent severe storm; many trees uprooted.		
RAL	Lake of Egypt			
RAL	Lake of Egypt			
RAL	Lake of Egypt			
RAL	Lake of Egypt			
RAL	Lake of Egypt			
RAL	Lake of Egypt			
RAL	Lake of Egypt		Zebra Mussel trap checked, none found	
RAL	Lake of Egypt		Zebra Mussel trap checked, none found	
RAL	Lake of Egypt		Zebra Mussel trap checked, none found	
RAL	Lake of Egypt			
RAL	Lake of Egypt			
RAL	Lake of Egypt			

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RAL	Lake of Egypt	23-May-18	09:30	RAL-1	54	FALSE	FALSE	0	12	36.0
RAL	Lake of Egypt	23-May-18	09:50	RAL-2	60	FALSE	FALSE	0	12	31.0
RAL	Lake of Egypt	23-May-18	10:10	RAL-3	54	FALSE	FALSE	0	12	10.0
RAL	Lake of Egypt	06-Jun-18	09:56	RAL-1	42	FALSE	FALSE	0	12	35.5
RAL	Lake of Egypt	06-Jun-18	10:13	RAL-2	72	FALSE	FALSE	0	13	31.0
RAL	Lake of Egypt	06-Jun-18	10:30	RAL-3	48	FALSE	FALSE	0	12	9.0
RAL	Lake of Egypt	25-Jun-18	12:20	RAL-1	54	FALSE	FALSE	0	13	35.0
RAL	Lake of Egypt	25-Jun-18	12:27	RAL-2	78	FALSE	FALSE	0	12	29.0
RAL	Lake of Egypt	25-Jun-18	12:53	RAL-3	48	FALSE	FALSE	0	12	9.0
RAL	Lake of Egypt	27-Jul-18	09:57	RAL-1	48	FALSE	FALSE	0	12	35.0
RAL	Lake of Egypt	27-Jul-18	10:19	RAL-2	60	FALSE	FALSE	0	12	30.0
RAL	Lake of Egypt	27-Jul-18	10:35	RAL-3	54	FALSE	FALSE	0	13	9.0
RAL	Lake of Egypt	09-Jul-18	11:45	RAL-1	41	FALSE	FALSE	0	12	34.0
RAL	Lake of Egypt	09-Jul-18	12:00	RAL-2	72	FALSE	FALSE	0	17	31.0
RAL	Lake of Egypt	09-Jul-18	12:18	RAL-3	48	FALSE	FALSE	0	12	9.0
RAL	Lake of Egypt	08-Aug-18	10:00	RAL-1	54	FALSE	FALSE	0	12	34.0
RAL	Lake of Egypt	08-Aug-18	10:17	RAL-2	72	FALSE	FALSE	0	17	30.0
RAL	Lake of Egypt	08-Aug-18	10:36	RAL-3	42	FALSE	FALSE	0	12	9.0
RAL	Lake of Egypt	22-Aug-18	10:49	RAL-1	54	FALSE	FALSE	0	12	34.0
RAL	Lake of Egypt	22-Aug-18	11:00	RAL-2	72	FALSE	FALSE	0	12	30.0
RAL	Lake of Egypt	22-Aug-18	11:15	RAL-3	48	FALSE	FALSE	0	12	9.0
RAL	Lake of Egypt	12-Sep-18	10:30	RAL-1	51	FALSE	FALSE	0	13	35.0
RAL	Lake of Egypt	12-Sep-18	10:52	RAL-2	54	FALSE	FALSE	0	12	30.5
RAL	Lake of Egypt	12-Sep-18	11:12	RAL-3	48	FALSE	FALSE	0	12	9.0
RAL	Lake of Egypt	26-Sep-18	13:15	RAL-1	48	FALSE	FALSE	0	12	35.0
RAL	Lake of Egypt	26-Sep-18	13:27	RAL-2	60	FALSE	FALSE	0	12	30.0
RAL	Lake of Egypt	26-Sep-18	13:43	RAL-3	66	FALSE	FALSE	0	12	9.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Overcast	Calm/Ripple	NE	Below Normal	11	10.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Overcast	Calm/Ripple	NE	Below Normal	11	10.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Overcast	Calm/Ripple	NE	Below Normal	11	10.00
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Sunny	Small Waves	SW	Below Normal	16	7.50
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Sunny	Small Waves	SW	Below Normal	16	7.50
RAL	Lake of Egypt	WILLIAMSON	5% To 25%	0.00	Sunny	Small Waves	SW	Below Normal	16	7.50
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	2.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	2.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	2.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	1.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	2.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	1.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	2.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	1.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	2.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	0.50	Sunny	Calm/Ripple	E	Normal or Full	0	6.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	0.50	Sunny	Calm/Ripple	E	Normal or Full	0	6.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	0.50	Sunny	Calm/Ripple	E	Normal or Full	0	6.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	1.25	Overcast	Calm/Ripple	E	Normal or Full	0	3.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	1.25	Overcast	Calm/Ripple	E	Normal or Full	0	3.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	1.25	Overcast	Calm/Ripple	E	Normal or Full	0	3.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	4.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	4.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	4.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	4.00	Sunny	Calm/Ripple	NONE	Above Normal	4	4.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	4.00	Sunny	Calm/Ripple	NONE	Above Normal	4	4.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	4.00	Sunny	Calm/Ripple	NONE	Above Normal	4	4.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	8.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	8.00
REG	Lake of the Woods	CHAMPAIGN	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	8.00

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RAL	Lake of Egypt	12-Oct-18	10:30	RAL-1	51	FALSE	FALSE	0	13	35.0
RAL	Lake of Egypt	12-Oct-18	10:52	RAL-2	54	FALSE	FALSE	0	12	30.5
RAL	Lake of Egypt	12-Oct-18	11:12	RAL-3	48	FALSE	FALSE	0	12	9.0
RAL	Lake of Egypt	29-Oct-18	13:29	RAL-1	54	FALSE	FALSE	0	12	34.5
RAL	Lake of Egypt	29-Oct-18	13:47	RAL-2	72	FALSE	FALSE	0	12	30.0
RAL	Lake of Egypt	29-Oct-18	13:53	RAL-3	66	FALSE	FALSE	0	17	8.5
REG	Lake of the Woods	24-May-18	10:27	REG-1	63	FALSE	FALSE	0	2	7.0
REG	Lake of the Woods	24-May-18	11:01	REG-2	44	FALSE	FALSE	0	2	9.0
REG	Lake of the Woods	24-May-18	11:13	REG-3	42	FALSE	FALSE	0	2	9.0
REG	Lake of the Woods	27-Jun-18	15:49	REG-1	24	FALSE	FALSE	0	3	6.5
REG	Lake of the Woods	27-Jun-18	15:59	REG-2	29	FALSE	FALSE	0	3	8.0
REG	Lake of the Woods	27-Jun-18	16:15	REG-3	27	FALSE	FALSE	0	3	8.5
REG	Lake of the Woods	11-Jul-18	08:24	REG-1	21	FALSE	FALSE	0	12	7.5
REG	Lake of the Woods	11-Jul-18	09:02	REG-2	21	FALSE	FALSE	0	13	6.5
REG	Lake of the Woods	11-Jul-18	07:14	REG-3	23	FALSE	FALSE	0	13	9.0
REG	Lake of the Woods	30-Jul-18	10:29	REG-1	23	FALSE	FALSE	0	12	7.0
REG	Lake of the Woods	30-Jul-18	10:47	REG-2	23	FALSE	FALSE	0	11	9.0
REG	Lake of the Woods	30-Jul-18	10:57	REG-3	22	FALSE	FALSE	0	11	10.0
REG	Lake of the Woods	23-Aug-18	12:36	REG-1	22	FALSE	FALSE	0	3	7.0
REG	Lake of the Woods	23-Aug-18	13:58	REG-2	22	FALSE	FALSE	0	3	7.0
REG	Lake of the Woods	23-Aug-18	14:08	REG-3	25	FALSE	FALSE	0	3	10.5
REG	Lake of the Woods	11-Oct-18	10:64	REG-1	36	FALSE	FALSE	0	3	8.0
REG	Lake of the Woods	11-Oct-18	11:01	REG-2	28	FALSE	FALSE	0	3	8.0
REG	Lake of the Woods	11-Oct-18	11:10	REG-3	39	FALSE	FALSE	0	3	10.0
REG	Lake of the Woods	10-Sep-18	13:20	REG-1	30	FALSE	FALSE	0	3	7.0
REG	Lake of the Woods	10-Sep-18	13:39	REG-2	26	FALSE	FALSE	0	3	8.0
REG	Lake of the Woods	10-Sep-18	13:48	REG-3	26	FALSE	FALSE	0	3	10.0
REG	Lake of the Woods	25-Sep-18	15:28	REG-1	28	FALSE	FALSE	0	3	8.0
REG	Lake of the Woods	25-Sep-18	15:37	REG-2	29	FALSE	FALSE	0	3	8.0
REG	Lake of the Woods	25-Sep-18	15:46	REG-3	41	FALSE	FALSE	0	3	10.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
SDP	Lancelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	3.00
SDP	Lancelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	3.00
SDP	Lancelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	3.00
SDP	Lancelot	PEORIA	5% To 25%	0.00	Partly Cloudy	Small Waves	West	Normal or Full	0	10.00
SDP	Lancelot	PEORIA	5% To 25%	0.00	Partly Cloudy	Small Waves	West	Normal or Full	0	10.00
SDP	Lancelot	PEORIA	5% To 25%	0.00	Partly Cloudy	Small Waves	West	Normal or Full	0	10.00
SDP	Lancelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	West	Normal or Full	0	4.00
SDP	Lancelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	West	Normal or Full	0	4.00
SDP	Lancelot	PEORIA	5% To 25%	0.00	Sunny	Calm/Ripple	West	Normal or Full	0	4.00
SDP	Lancelot	PEORIA	Less Than 5%	0.00	Sunny	Calm/Ripple	West	Above Normal	2	9.00
SDP	Lancelot	PEORIA	Less Than 5%	0.00	Sunny	Calm/Ripple	West	Above Normal	2	9.00
SDP	Lancelot	PEORIA	Less Than 5%	0.00	Sunny	Calm/Ripple	West	Above Normal	2	9.00
SDP	Lancelot	PEORIA	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	5.00
SDP	Lancelot	PEORIA	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	5.00
SDP	Lancelot	PEORIA	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	5.00
VGI	Leopold	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Above Normal	8	1.00
VGI	Leopold	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Above Normal	8	1.00

Lake Code	Waterbody	Observations	Other Information	Management
SDP	Lancelot			
SDP	Lancelot			
SDP	Lancelot			
SDP	Lancelot		Water quality was much better 2 weeks ago. Aquatic plants dying from treatment on June 12th	Lake treated 12 June for rooted plants & planktonic Algae
SDP	Lancelot		Water quality was much better 2 weeks ago. Aquatic plants dying from treatment on June 12th	Lake treated 12 June for rooted plants & planktonic Algae
SDP	Lancelot		Water quality was much better 2 weeks ago. Aquatic plants dying from treatment on June 12th	Lake treated 12 June for rooted plants & planktonic Algae
SDP	Lancelot		small whisps of blue-green algae visible, not scum. Filamentous Algae present, but not bad	Algae & plant treatments every 3 weeks.
SDP	Lancelot		small whisps of blue-green algae visible, not scum. Filamentous Algae present, but not bad	Algae & plant treatments every 3 weeks.
SDP	Lancelot		small whisps of blue-green algae visible, not scum. Filamentous Algae present, but not bad	Algae & plant treatments every 3 weeks.
SDP	Lancelot	Recent heavy rains, increased shoreline erosion in trouble areas	Weed and Algae treatments	
SDP	Lancelot	Recent heavy rains, increased shoreline erosion in trouble areas	Weed and Algae treatments	
SDP	Lancelot	Recent heavy rains, increased shoreline erosion in trouble areas	Weed and Algae treatments	
SDP	Lancelot	20 deg. Dropping temperature the past few days		
SDP	Lancelot	20 deg. Dropping temperature the past few days		
SDP	Lancelot	20 deg. Dropping temperature the past few days		
VGI	Leopold	Lake wide filamentous algae bloom		
VGI	Leopold	Lake wide filamentous algae bloom		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
SDP	Lancelot	14-Jun-18	10:20	SDP-1	78	FALSE	FALSE	0	8	31.0
SDP	Lancelot	14-Jun-18	10:30	SDP-2	30	FALSE	FALSE	0	17	19.0
SDP	Lancelot	14-Jun-18	10:45	SDP-3	24	FALSE	FALSE	2	12	4.0
SDP	Lancelot	27-Jun-18	10:05	SDP-1	42	FALSE	FALSE	0	17	22.0
SDP	Lancelot	27-Jun-18	10:45	SDP-2	54	FALSE	FALSE	0	17	18.0
SDP	Lancelot	27-Jun-18	11:05	SDP-3	36	FALSE	FALSE	1	17	4.0
SDP	Lancelot	25-Jul-18	10:03	SDP-1	37	FALSE	FALSE	0	17	28.0
SDP	Lancelot	25-Jul-18	10:39	SDP-2	58	FALSE	FALSE	0	12	15.5
SDP	Lancelot	25-Jul-18	11:00	SDP-3	34	FALSE	FALSE	2	17	4.0
SDP	Lancelot	12-Sep-18	09:20	SDP-1	31	FALSE	FALSE	0	30	30.0
SDP	Lancelot	12-Sep-18	09:50	SDP-2	25	FALSE	FALSE	0	17	17.0
SDP	Lancelot	12-Sep-18	10:07	SDP-3	21	FALSE	FALSE	1	12	5.0
SDP	Lancelot	26-Sep-18	11:18	SDP-1	30	FALSE	FALSE	0	12	21.0
SDP	Lancelot	26-Sep-18	11:42	SDP-2	27	FALSE	FALSE	0	12	15.0
SDP	Lancelot	26-Sep-18	12:00	SDP-3	30	FALSE	FALSE	0	12	3.0
VGI	Leopold	09-May-18	13:15	VGI-1	98	FALSE	FALSE	0	17	15.5
VGI	Leopold	09-May-18	13:55	VGI-3	106	FALSE	FALSE	1	17	10.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VGI	Leopold	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	W	Above Normal	12	1.50
VGI	Leopold	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	W	Above Normal	12	1.50
VGI	Leopold	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SW	Above Normal	6	1.00
VGI	Leopold	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SW	Above Normal	6	1.00
VGI	Leopold	LAKE	51% To 70%	3.00	Partly Cloudy	Small Waves	SW	Above Normal	10	1.50
VGI	Leopold	LAKE	51% To 70%	3.00	Partly Cloudy	Small Waves	SW	Above Normal	10	1.50
VGI	Leopold	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	8	1.00
VGI	Leopold	LAKE	51% To 70%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	8	1.00
VGI	Leopold	LAKE	51% To 70%	0.25	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.50
VGI	Leopold	LAKE	51% To 70%	0.25	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.50
VGI	Leopold	LAKE	51% To 70%	1.50	Partly Cloudy	Calm/Ripple	SW	Normal or Full	2	1.50
VGI	Leopold	LAKE	51% To 70%	1.50	Partly Cloudy	Calm/Ripple	SW	Normal or Full	2	1.50
VGI	Leopold	LAKE	51% To 70%	2.00	Partly Cloudy	Small Waves	NW	Normal or Full	0	1.50
VGI	Leopold	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NW	No Selection	0	1.00
VGI	Leopold	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	NW	No Selection	0	1.00
VGI	Leopold	LAKE	51% To 70%	0.50	Sunny	Calm/Ripple	W	No Selection	0	1.50
VGI	Leopold	LAKE	51% To 70%	0.50	Sunny	Calm/Ripple	W	No Selection	0	1.50
VGI	Leopold	LAKE	51% To 70%	1.00	Partly Cloudy	Calm/Ripple	W	Above Normal	6	1.00
VGI	Leopold	LAKE	51% To 70%	1.00	Partly Cloudy	Calm/Ripple	W	Above Normal	6	1.00
VGI	Leopold	LAKE	26% To 50%	2.00	Partly Cloudy	Calm/Ripple	NE	Above Normal	6	1.50
VGI	Leopold	LAKE	26% To 50%	2.00	Partly Cloudy	Calm/Ripple	NE	Above Normal	6	1.50
RGC	Linden	LAKE	No Selection	4.00	Sunny	Calm/Ripple	W	Above Normal	4	1.00
RGC	Linden	LAKE	No Selection	4.00	Sunny	Calm/Ripple	W	Above Normal	4	1.00
RGC	Linden	LAKE	No Selection	4.00	Sunny	Calm/Ripple	W	Above Normal	4	1.00
RGC	Linden	LAKE	No Selection	0.50	Overcast	Calm/Ripple	SE	Above Normal	1	2.00
RGC	Linden	LAKE	No Selection	0.50	Overcast	Calm/Ripple	SE	Above Normal	1	2.00

Lake Code	Waterbody	Observations	Other Information	Management
VGI	Leopold	filamentous bloom continues hot the last few days lake is stirred up due to rain/winds		Beach treatment for Chara and filamentous ~1 week ago
VGI	Leopold	filamentous bloom continues hot the last few days lake is stirred up due to rain/winds		Beach treatment for Chara and filamentous ~1 week ago
VGI	Leopold	Lots of rain Clarity is down	Filamentous bloom continues Planktonic bloom	Beach treatment 1 week ago
VGI	Leopold	Lots of rain Clarity is down	Filamentous bloom continues Planktonic bloom	Beach treatment 1 week ago
VGI	Leopold	Planktonic bloom. Lake is stirred up. Clarity is down.		Beach, overlook, and north bay treatment 1 week ago.
VGI	Leopold	Planktonic bloom. Lake is stirred up. Clarity is down.		Beach, overlook, and north bay treatment 1 week ago.
VGI	Leopold		Filamentous bloom has died back. Now slight planktonic bloom.	none
VGI	Leopold		Filamentous bloom has died back. Now slight planktonic bloom.	none
VGI	Leopold	Very hot for the last few weeks		none
VGI	Leopold	Very hot for the last few weeks		none
VGI	Leopold	Slight planktonic bloom	none	none
VGI	Leopold	Slight planktonic bloom	none	none
VGI	Leopold	none	none	none
VGI	Leopold	slight planktonic bloom	none	none
VGI	Leopold	slight planktonic bloom	none	none
VGI	Leopold	Lake is very clear	none	none
VGI	Leopold	Lake is very clear	none	none
VGI	Leopold	Lake is still very clear	none	none
VGI	Leopold	Lake is still very clear	none	none
VGI	Leopold			
VGI	Leopold			
RGC	Linden		plant cover 5-25%, Chara substantial on west side	
RGC	Linden		plant cover 5-25%, Chara substantial on west side	
RGC	Linden		plant cover 5-25%, Chara substantial on west side	
RGC	Linden			
RGC	Linden			

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VGI	Leopold	28-May-18	13:15	VGI-1	79	FALSE	FALSE	0	17	16.0
VGI	Leopold	28-May-18	13:45	VGI-3	91	FALSE	FALSE	2	17	10.0
VGI	Leopold	16-Jun-18	10:30	VGI-1	68	FALSE	FALSE	0	17	16.0
VGI	Leopold	16-Jun-18	11:10	VGI-3	71	FALSE	FALSE	2	17	10.0
VGI	Leopold	27-Jun-18	10:00	VGI-1	55	FALSE	FALSE	0	17	15.5
VGI	Leopold	27-Jun-18	10:30	VGI-3	62	FALSE	FALSE	3	17	10.0
VGI	Leopold	10-Jul-18	10:03	VGI-1	84	FALSE	FALSE	0	17	15.5
VGI	Leopold	10-Jul-18	10:40	VGI-3	76	FALSE	FALSE	3	17	10.0
VGI	Leopold	31-Jul-18	13:30	VGI-1	102	FALSE	FALSE	0	17	15.0
VGI	Leopold	31-Jul-18	14:05	VGI-3	98	FALSE	FALSE	3	17	10.0
VGI	Leopold	07-Aug-18	11:45	VGI-1	108	FALSE	FALSE	0	17	15.5
VGI	Leopold	07-Aug-18	11:50	VGI-3	96	FALSE	FALSE	3	17	10.0
VGI	Leopold	29-Aug-18	14:30	VGI-1	103	FALSE	FALSE	1	17	16.0
VGI	Leopold	16-Sep-18	12:05	VGI-1	98	FALSE	FALSE	0	17	16.0
VGI	Leopold	16-Sep-18	12:40	VGI-1	92	FALSE	FALSE	3	17	10.0
VGI	Leopold	30-Sep-18	13:20	VGI-1	110	FALSE	FALSE	1	17	15.5
VGI	Leopold	30-Sep-18	13:55	VGI-3	98	FALSE	FALSE	3	17	10.0
VGI	Leopold	16-Oct-18	10:45	VGI-1	136	FALSE	FALSE	0	17	16.0
VGI	Leopold	16-Oct-18	11:20	VGI-3	108	TRUE	FALSE	3	17	10.0
VGI	Leopold	30-Oct-18	11:40	VGI-1	150	FALSE	FALSE	0	17	16.0
VGI	Leopold	30-Oct-18	12:15	VGI-3	108	TRUE	FALSE	3	17	10.0
RGC	Linden	24-May-18	09:55	RGC-1	62	FALSE	FALSE	0	13	9.0
RGC	Linden	24-May-18	10:18	RGC-2	39	FALSE	FALSE	2	13	4.0
RGC	Linden	24-May-18	10:35	RGC-3	46	FALSE	FALSE	3	12	4.5
RGC	Linden	12-Jun-18	11:47	RGC-1	57	FALSE	FALSE	0	12	8.0
RGC	Linden	12-Jun-18	12:23	RGC-2	47	FALSE	FALSE	2	12	4.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGC	Linden	LAKE	No Selection	0.50	Overcast	Calm/Ripple	SE	Above Normal	1	2.00
RGC	Linden	LAKE	No Selection	0.00	Partly Cloudy	Moderate Waves	E	Above Normal	4	1.50
RGC	Linden	LAKE	No Selection	0.00	Partly Cloudy	Moderate Waves	E	Above Normal	4	1.50
RGC	Linden	LAKE	No Selection	0.00	Partly Cloudy	Moderate Waves	E	Above Normal	4	1.50
RGC	Linden	LAKE	No Selection	0.00	Sunny	Small Waves	SW	Above Normal	1	1.50
RGC	Linden	LAKE	No Selection	0.00	Sunny	Small Waves	SW	Above Normal	1	1.50
RGC	Linden	LAKE	No Selection	0.00	Sunny	Small Waves	SW	Above Normal	1	1.50
RGC	Linden	LAKE	No Selection	0.00	Sunny	Calm/Ripple	W	Above Normal	1	1.50
RGC	Linden	LAKE	No Selection	0.00	Sunny	Calm/Ripple	W	Above Normal	1	1.50
RGC	Linden	LAKE	No Selection	0.00	Sunny	Calm/Ripple	W	Above Normal	1	1.50
RGC	Linden	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SW	Below Normal	2	2.00
RGC	Linden	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SW	Below Normal	2	2.00
RGC	Linden	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SW	Below Normal	2	2.00
RGC	Linden	LAKE	No Selection	0.50	Partly Cloudy	Calm/Ripple	S	Above Normal	1	2.00
RGC	Linden	LAKE	No Selection	0.50	Partly Cloudy	Calm/Ripple	S	Above Normal	1	2.00
RGC	Linden	LAKE	No Selection	0.50	Partly Cloudy	Calm/Ripple	S	Above Normal	1	2.00
RGC	Linden	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SE	Above Normal	3	1.50
RGC	Linden	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SE	Above Normal	3	1.50
RGC	Linden	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SE	Above Normal	3	1.50

Lake Code	Waterbody	Observations	Other Information	Management
RGC	Linden			
RGC	Linden			
RGC	Linden			
RGC	Linden			
RGC	Linden			
RGC	Linden			
RGC	Linden			
RGC	Linden	plant growth in the North section of the lake (down the center) Visible at 2'		
RGC	Linden	plant growth in the North section of the lake (down the center) Visible at 2'		
RGC	Linden	plant growth in the North section of the lake (down the center) Visible at 2'		
RGC	Linden	In the North and Northwest center of the lake, plant life was highly visible in the water		
RGC	Linden	In the North and Northwest center of the lake, plant life was highly visible in the water		
RGC	Linden	In the North and Northwest center of the lake, plant life was highly visible in the water		
RGC	Linden	SW section ample plant growth, NW section ample plant growth	Wind Speed 11mph	
RGC	Linden	SW section ample plant growth, NW section ample plant growth	Wind Speed 11mph	
RGC	Linden	SW section ample plant growth, NW section ample plant growth	Wind Speed 11mph	
RGC	Linden	NW and North center part of the lake have ample plant growth		
RGC	Linden	NW and North center part of the lake have ample plant growth		
RGC	Linden	NW and North center part of the lake have ample plant growth		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGC	Linden	12-Jun-18	12:07	RGC-3	45	FALSE	FALSE	1	12	4.5
RGC	Linden	25-Jun-18	16:06	RGC-1	58	FALSE	FALSE	1	12	8.0
RGC	Linden	25-Jun-18	16:16	RGC-2	60	FALSE	FALSE	2	12	5.5
RGC	Linden	25-Jun-18	16:31	RGC-3	49	FALSE	FALSE	1	12	5.0
RGC	Linden	13-Jul-18	09:11	RGC-1	52	FALSE	FALSE	1	12	9.0
RGC	Linden	13-Jul-18	09:20	RGC-2	48	FALSE	FALSE	2	12	5.0
RGC	Linden	13-Jul-18	09:30	RGC-3	26	FALSE	TRUE	2	12	5.0
RGC	Linden	28-Jul-18	10:05	RGC-1	44	FALSE	FALSE	0	12	7.5
RGC	Linden	28-Jul-18	09:36	RGC-2	31	FALSE	FALSE	2	12	4.0
RGC	Linden	28-Jul-18	09:52	RGC-3	40	FALSE	FALSE	2	12	4.0
RGC	Linden	14-Aug-18	11:37	RGC-1	40	FALSE	FALSE	0	12	8.0
RGC	Linden	14-Aug-18	11:47	RGC-2	48	TRUE	FALSE	2	12	4.0
RGC	Linden	14-Aug-18	12:09	RGC-3	32	FALSE	TRUE	3	12	4.0
RGC	Linden	28-Aug-18	10:23	RGC-1	102	TRUE	FALSE	0	12	8.5
RGC	Linden	28-Aug-18	10:29	RGC-2	41	FALSE	TRUE	2	12	4.0
RGC	Linden	28-Aug-18	10:38	RGC-3	53	FALSE	TRUE	1	12	5.0
RGC	Linden	12-Sep-18	13:32	RGC-1	60	FALSE	FALSE	0	12	7.0
RGC	Linden	12-Sep-18	13:39	RGC-2	49	FALSE	FALSE	1	12	4.5
RGC	Linden	12-Sep-18	13:57	RGC-3	26	FALSE	TRUE	2	12	4.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGC	Linden	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	1.50
RGC	Linden	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	1.50
RGC	Linden	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	1.50
RGC	Linden	LAKE	No Selection	2.00	Sunny	Calm/Ripple	SW	Above Normal	6	1.50
RGC	Linden	LAKE	No Selection	2.00	Sunny	Calm/Ripple	SW	Above Normal	6	1.50
RGC	Linden	LAKE	No Selection	2.00	Sunny	Calm/Ripple	SW	Above Normal	6	1.50
WGZV	Little Bear	LAKE	5% To 25%	0.60	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.50
WGZV	Little Bear	LAKE	5% To 25%	0.60	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.50
WGZV	Little Bear	LAKE	5% To 25%	0.60	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.50
WGZV	Little Bear	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	1.50
WGZV	Little Bear	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	1.50
WGZV	Little Bear	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	1.50
WGZV	Little Bear	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NONE	Above Normal	4	2.00
WGZV	Little Bear	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NONE	Above Normal	4	2.00
WGZV	Little Bear	LAKE	26% To 50%	0.00	Partly Cloudy	Calm/Ripple	NONE	Above Normal	4	2.00
WGZV	Little Bear	LAKE	26% To 50%	0.00	Partly Cloudy	No Selection	NONE	Above Normal	0	1.50
WGZV	Little Bear	LAKE	26% To 50%	0.00	Partly Cloudy	No Selection	NONE	Above Normal	0	1.50
WGZV	Little Bear	LAKE	26% To 50%	0.00	Partly Cloudy	No Selection	NONE	Above Normal	0	1.50
STC	Little Silver	LAKE	Less Than 5%	1.00	Overcast	Moderate Waves	SW	Normal or Full	0	1.00
STC	Little Silver	LAKE	Less Than 5%	1.00	Overcast	Moderate Waves	SW	Normal or Full	0	1.00
STC	Little Silver	LAKE	Less Than 5%	1.00	Overcast	Moderate Waves	SW	Normal or Full	0	1.00
STC	Little Silver	LAKE	Less Than 5%	0.00	Overcast	Small Waves	W	Normal or Full	0	1.00
STC	Little Silver	LAKE	Less Than 5%	0.00	Overcast	Small Waves	W	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RGC	Linden	algae all along East shoreline. North east side of the lake high plant growth		
RGC	Linden	algae all along East shoreline. North east side of the lake high plant growth		
RGC	Linden	algae all along East shoreline. North east side of the lake high plant growth		
RGC	Linden	10MPH winds cloudy water in most spots	I could not see much plant growth, with the high water level/cloudy water	
RGC	Linden	10MPH winds cloudy water in most spots	I could not see much plant growth, with the high water level/cloudy water	
RGC	Linden	10MPH winds cloudy water in most spots	I could not see much plant growth, with the high water level/cloudy water	
WGZV	Little Bear			
WGZV	Little Bear			
WGZV	Little Bear			
WGZV	Little Bear	Mechanical weed control (7/8-7/14)		
WGZV	Little Bear	Mechanical weed control (7/8-7/14)		
WGZV	Little Bear	Mechanical weed control (7/8-7/14)		
WGZV	Little Bear			Samples of weeds for Lake County
WGZV	Little Bear			Samples of weeds for Lake County
WGZV	Little Bear			Samples of weeds for Lake County
WGZV	Little Bear	partly cloudy, sunny in the afternoon		
WGZV	Little Bear	partly cloudy, sunny in the afternoon		
WGZV	Little Bear	partly cloudy, sunny in the afternoon		
STC	Little Silver	Very cold and rainy spring		
STC	Little Silver	Very cold and rainy spring		
STC	Little Silver	Very cold and rainy spring		
STC	Little Silver	Recent heatwave - temps in the 90's	2 swans geese	Lake association had chemical control applied in the residential lake fronts
STC	Little Silver	Recent heatwave - temps in the 90's	2 swans geese	Lake association had chemical control applied in the residential lake fronts

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGC	Linden	25-Sep-18	11:07	RGC-1	58	FALSE	FALSE	0	12	7.0
RGC	Linden	25-Sep-18	11:14	RGC-2	54	TRUE	FALSE	1	12	4.5
RGC	Linden	25-Sep-18	11:33	RGC-3	36	FALSE	FALSE	1	12	5.0
RGC	Linden	09-Oct-18	09:28	RGC-1	64	FALSE	FALSE	0	12	7.5
RGC	Linden	09-Oct-18	09:39	RGC-2	62	FALSE	FALSE	1	12	6.0
RGC	Linden	09-Oct-18	09:56	RGC-3	56	FALSE	FALSE	1	12	5.5
WGZV	Little Bear	30-May-18	10:20	WGZV-1	72	FALSE	FALSE	0	12	20.5
WGZV	Little Bear	30-May-18	10:00	WGZV-2	70	FALSE	FALSE	2	13	8.0
WGZV	Little Bear	30-May-18	10:40	WGZV-3	72	FALSE	FALSE	-1	12	9.5
WGZV	Little Bear	15-Jul-18	11:00	WGZV-1	84	FALSE	FALSE	-1	8	8.0
WGZV	Little Bear	15-Jul-18	11:15	WGZV-2	84	FALSE	FALSE	-1	18	20.0
WGZV	Little Bear	15-Jul-18	11:30	WGZV-3	72	FALSE	FALSE	-1		9.0
WGZV	Little Bear	30-Aug-18	11:15	WGZV-1	24	FALSE	FALSE	0	17	18.5
WGZV	Little Bear	30-Aug-18	11:30	WGZV-2	24	FALSE	FALSE	2	17	8.0
WGZV	Little Bear	30-Aug-18	11:50	WGZV-3	24	FALSE	FALSE	1	17	9.0
WGZV	Little Bear	08-Oct-18	10:30	WGZV-1	36	FALSE	FALSE	1	19	18.0
WGZV	Little Bear	08-Oct-18	10:45	WGZV-2	30	FALSE	FALSE	1	19	9.0
WGZV	Little Bear	08-Oct-18	11:00	WGZV-3	39	FALSE	FALSE	1	18	9.0
STC	Little Silver	09-May-18	13:10	STC-1	14	FALSE	FALSE	0	13	20.0
STC	Little Silver	09-May-18	13:25	STC-2	13	FALSE	FALSE	0	13	18.0
STC	Little Silver	09-May-18	13:40	STC-3	6	FALSE	TRUE	2	13	5.5
STC	Little Silver	29-May-18	11:15	STC-1	111	FALSE	FALSE	0	13	19.5
STC	Little Silver	29-May-18	11:25	STC-2	108	FALSE	FALSE	0	13	18.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STC	Little Silver	LAKE	Less Than 5%	0.00	Overcast	Small Waves	W	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	1.50	Partly Cloudy	Small Waves	SW	Above Normal	4	1.00
STC	Little Silver	LAKE	26% To 50%	1.50	Partly Cloudy	Small Waves	SW	Above Normal	4	1.00
STC	Little Silver	LAKE	26% To 50%	1.50	Partly Cloudy	Small Waves	SW	Above Normal	4	1.00
STC	Little Silver	LAKE	26% To 50%	0.50	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	0.50	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	0.50	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	2	1.00
STC	Little Silver	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	2	1.00
STC	Little Silver	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	2	1.00
STC	Little Silver	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Below Normal	6	1.00
STC	Little Silver	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Below Normal	6	1.00
STC	Little Silver	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Below Normal	6	1.00
STC	Little Silver	LAKE	26% To 50%	4.00	Partly Cloudy	Moderate Waves	W	Below Normal	4	1.00
STC	Little Silver	LAKE	26% To 50%	4.00	Partly Cloudy	Moderate Waves	W	Below Normal	4	1.00
STC	Little Silver	LAKE	26% To 50%	4.00	Partly Cloudy	Moderate Waves	W	Below Normal	4	1.00
STC	Little Silver	LAKE	26% To 50%	0.50	Partly Cloudy	Small Waves	SW	Below Normal	8	1.00
STC	Little Silver	LAKE	26% To 50%	0.50	Partly Cloudy	Small Waves	SW	Below Normal	8	1.00
STC	Little Silver	LAKE	26% To 50%	0.50	Partly Cloudy	Small Waves	SW	Below Normal	8	1.00
STC	Little Silver	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	0.50	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	0.50	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	0.50	Partly Cloudy	Small Waves	W	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	3.00	Partly Cloudy	Small Waves	SW	Above Normal	2	1.00
STC	Little Silver	LAKE	26% To 50%	3.00	Partly Cloudy	Small Waves	SW	Above Normal	2	1.00
STC	Little Silver	LAKE	26% To 50%	3.00	Partly Cloudy	Small Waves	SW	Above Normal	2	1.00
STC	Little Silver	LAKE	26% To 50%	0.25	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
STC	Little Silver	Recent heatwave - temps in the 90's	2 swans geese	Lake association had chemical control applied in the residential lake fronts
STC	Little Silver	Large swings in temp and rainfall		
STC	Little Silver	Large swings in temp and rainfall		
STC	Little Silver	Large swings in temp and rainfall		
STC	Little Silver	very hot weather, algal bloom		
STC	Little Silver	very hot weather, algal bloom		
STC	Little Silver	very hot weather, algal bloom		
STC	Little Silver	Heat Wave		
STC	Little Silver	Heat Wave		
STC	Little Silver	Heat Wave		
STC	Little Silver	Very little rain		
STC	Little Silver	Very little rain		
STC	Little Silver	Very little rain		
STC	Little Silver	Heavy rain last 24 hours		
STC	Little Silver	Heavy rain last 24 hours		
STC	Little Silver	Heavy rain last 24 hours		
STC	Little Silver		normal	
STC	Little Silver		normal	
STC	Little Silver		normal	
STC	Little Silver			
STC	Little Silver			
STC	Little Silver			
STC	Little Silver	Lots of wind the last number of days. Water clarity is turbid and cloudy.		
STC	Little Silver	Lots of wind the last number of days. Water clarity is turbid and cloudy.		
STC	Little Silver	Lots of wind the last number of days. Water clarity is turbid and cloudy.		
STC	Little Silver	very heavy rains last few days		none
STC	Little Silver	very heavy rains last few days		none
STC	Little Silver	very heavy rains last few days		none
STC	Little Silver	rainy spring/summer/fall. Most time sequiot creek dries up during the summer, creek was running most of the entire season	chara	none

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STC	Little Silver	29-May-18	11:35	STC-3	54	FALSE	TRUE	2	13	5.0
STC	Little Silver	12-Jun-18	12:45	STC-1	108	FALSE	FALSE	0	14	19.0
STC	Little Silver	12-Jun-18	13:00	STC-2	108	FALSE	FALSE	0	14	16.5
STC	Little Silver	12-Jun-18	13:10	STC-3	60	FALSE	TRUE	2	14	4.5
STC	Little Silver	30-Jun-18	14:05	STC-1	108	FALSE	FALSE	0	13	18.5
STC	Little Silver	30-Jun-18	14:15	STC-2	102	FALSE	FALSE	0	13	16.5
STC	Little Silver	30-Jun-18	14:30	STC-3	54	FALSE	TRUE	2	13	5.0
STC	Little Silver	13-Jul-18	11:45	STC-1	96	FALSE	FALSE	0	13	19.0
STC	Little Silver	13-Jul-18	12:00	STC-2	90	FALSE	FALSE	0	13	16.5
STC	Little Silver	13-Jul-18	12:10	STC-3	48	FALSE	TRUE	2	13	4.5
STC	Little Silver	30-Jul-18	13:15	STC-1	84	FALSE	FALSE	0	13	18.5
STC	Little Silver	30-Jul-18	13:35	STC-2	84	FALSE	FALSE	0	13	15.5
STC	Little Silver	30-Jul-18	13:45	STC-3	48	TRUE	FALSE	2	13	4.0
STC	Little Silver	30-Aug-18	11:15	STC-1	96	FALSE	FALSE	0	13	20.0
STC	Little Silver	30-Aug-18	11:30	STC-2	90	FALSE	FALSE	0	13	17.0
STC	Little Silver	30-Aug-18	11:50	STC-3	66	TRUE	FALSE	2	13	5.5
STC	Little Silver	12-Aug-18	10:45	STC-1	90	FALSE	FALSE	0	13	19.0
STC	Little Silver	12-Aug-18	11:00	STC-2	84	FALSE	FALSE	0	13	16.5
STC	Little Silver	12-Aug-18	11:15	STC-3	48	TRUE	TRUE	2	13	4.5
STC	Little Silver	12-Sep-18	12:15	STC-1	102	FALSE	FALSE	0	13	19.0
STC	Little Silver	12-Sep-18	12:25	STC-2	102	FALSE	FALSE	0	13	16.0
STC	Little Silver	12-Sep-18	12:40	STC-3	54	FALSE	TRUE	2	13	5.0
STC	Little Silver	26-Sep-18	12:30	STC-1	90	FALSE	FALSE	0	14	19.5
STC	Little Silver	26-Sep-18	12:40	STC-2	84	FALSE	FALSE	0	14	17.0
STC	Little Silver	26-Sep-18	12:55	STC-3	66	TRUE	FALSE	2	14	5.5
STC	Little Silver	06-Oct-18	11:45	STC-1	84	FALSE	FALSE	0	13	20.5
STC	Little Silver	06-Oct-18	12:00	STC-2	78	FALSE	FALSE	0	13	17.0
STC	Little Silver	06-Oct-18	12:20	STC-3	60	TRUE	FALSE	2	13	5.0
STC	Little Silver	31-Oct-18	11:15	STC-1	90	FALSE	FALSE	0	13	19.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STC	Little Silver	LAKE	26% To 50%	0.25	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	1.00
STC	Little Silver	LAKE	26% To 50%	0.25	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	1.00
RGU	Loch Lomond	LAKE	Less Than 5%	4.00	Sunny	Calm/Ripple	NONE	Above Normal	1.25	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	4.00	Sunny	Calm/Ripple	NONE	Above Normal	1.25	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	4.00	Sunny	Calm/Ripple	NONE	Above Normal	1.25	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
STC	Little Silver	rainy spring/summer/fall. Most time sequiot creek dries up during the summer, creek was running most of the entire season	chara	none
STC	Little Silver	rainy spring/summer/fall. Most time sequiot creek dries up during the summer, creek was running most of the entire season	chara	none
RGU	Loch Lomond	TDS 446 us/c402 Salt Chloride Site 1: 69.4 Degrees		
RGU	Loch Lomond	TDS 446 us/c402 Salt Chloride Site 1: 69.4 Degrees		
RGU	Loch Lomond	TDS 446 us/c402 Salt Chloride Site 1: 69.4 Degrees		
RGU	Loch Lomond			444 TDS 895 Conductivity DO: Site 1: 86 Site 2: 83 Site 3: 83
RGU	Loch Lomond			444 TDS 895 Conductivity DO: Site 1: 86 Site 2: 83 Site 3: 83

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STC	Little Silver	31-Oct-18	11:20	STC-2	90	FALSE	FALSE	0	13	16.0
STC	Little Silver	31-Oct-18	11:45	STC-3	54	TRUE	FALSE	2	13	4.5
RGU	Loch Lomond	16-May-18	10:31	RGU-1	57	FALSE	FALSE	0	12	8.5
RGU	Loch Lomond	16-May-18	10:51	RGU-2	48	FALSE	FALSE	0	12	7.5
RGU	Loch Lomond	16-May-18	11:10	RGU-3	16	FALSE	FALSE	0	12	5.0
RGU	Loch Lomond	29-May-18	09:50	RGU-1	84	FALSE	FALSE	0	13	8.0
RGU	Loch Lomond	29-May-18	10:00	RGU-2	84	FALSE	FALSE	0	13	7.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Overcast	Small Waves	NE	Normal or Full	0	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Overcast	Small Waves	NE	Normal or Full	0	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Overcast	Small Waves	NE	Normal or Full	0	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	4.00	Sunny	Moderate Waves	SW	Above Normal	2	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	4.00	Sunny	Moderate Waves	SW	Above Normal	2	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	4.00	Sunny	Moderate Waves	SW	Above Normal	2	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Sunny	Small Waves	SW	Normal or Full	0	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Sunny	Small Waves	SW	Normal or Full	0	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Sunny	Small Waves	SW	Normal or Full	0	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Below Normal	0	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Below Normal	0	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Below Normal	0	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	1.50	Sunny	Moderate Waves	SW	Above Normal	1	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	1.50	Sunny	Moderate Waves	SW	Above Normal	1	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	1.50	Sunny	Moderate Waves	SW	Above Normal	1	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	1.70	Partly Cloudy	Moderate Waves	E	Above Normal	1	4.00

Lake Code	Waterbody	Observations	Other Information	Management
				444 TDS
RGU	Loch Lomond			895 Conductivity DO: Site 1: 86 Site 2: 83 Site 3: 83
RGU	Loch Lomond	TDS 419, Conductivity 849, Temp 23.1 C		
RGU	Loch Lomond	TDS 419, Conductivity 849, Temp 23.1 C		
RGU	Loch Lomond	TDS 419, Conductivity 849, Temp 23.1 C		
RGU	Loch Lomond	Site 1: 271 TDS, Conductivity 548, Temp 80		
RGU	Loch Lomond	Site 1: 271 TDS, Conductivity 548, Temp 80		
RGU	Loch Lomond	Site 1: 271 TDS, Conductivity 548, Temp 80		
RGU	Loch Lomond			
RGU	Loch Lomond			
RGU	Loch Lomond			
RGU	Loch Lomond	Treatment on 7/26/18: algaeside spray	lake level down 6"	
RGU	Loch Lomond	Treatment on 7/26/18: algaeside spray	lake level down 6"	
RGU	Loch Lomond	Treatment on 7/26/18: algaeside spray	lake level down 6"	
RGU	Loch Lomond	240 TDS, 488 Salinitx 27C and 79F		
RGU	Loch Lomond	240 TDS, 488 Salinitx 27C and 79F		
RGU	Loch Lomond	240 TDS, 488 Salinitx 27C and 79F		
RGU	Loch Lomond	453 TDS, 229 Salinity, 23.3C, 74F		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGU	Loch Lomond	29-May-18	10:16	RGU-3	54	TRUE	FALSE	0	13	4.5
RGU	Loch Lomond	02-Jun-18	09:46	RGU-1	73	FALSE	FALSE	0	12	8.0
RGU	Loch Lomond	02-Jun-18	10:05	RGU-2	48	FALSE	FALSE	0	12	7.5
RGU	Loch Lomond	02-Jun-18	09:11	RGU-3	52	TRUE	FALSE	3	12	4.5
RGU	Loch Lomond	29-Jun-18	09:15	RGU-1	19	FALSE	FALSE	0	12	7.5
RGU	Loch Lomond	29-Jun-18	09:25	RGU-2	18	FALSE	FALSE	0	12	7.0
RGU	Loch Lomond	29-Jun-18	09:30	RGU-3	12	FALSE	FALSE	0	12	5.0
RGU	Loch Lomond	09-Jul-18	08:50	RGU-1	3	FALSE	FALSE	0	12	8.5
RGU	Loch Lomond	09-Jul-18	09:10	RGU-2	3	FALSE	FALSE	0	12	7.0
RGU	Loch Lomond	09-Jul-18	09:25	RGU-3	2	FALSE	FALSE	0	12	5.0
RGU	Loch Lomond	29-Jul-18	13:28	RGU-1	8	FALSE	FALSE	0	10	7.0
RGU	Loch Lomond	29-Jul-18	12:55	RGU-2	9	FALSE	FALSE	0	7	7.0
RGU	Loch Lomond	29-Jul-18	13:11	RGU-3	9	FALSE	FALSE	0	8	5.0
RGU	Loch Lomond	22-Aug-18	11:15	RGU-1	12	FALSE	FALSE	0	7	8.0
RGU	Loch Lomond	22-Aug-18	11:30	RGU-2	12	FALSE	FALSE	0	7	7.0
RGU	Loch Lomond	22-Aug-18	11:40	RGU-3	12	FALSE	FALSE	0	7	5.0
RGU	Loch Lomond	30-Aug-18	10:15	RGU-1	12	FALSE	FALSE	0	7	8.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGU	Loch Lomond	LAKE	Less Than 5%	1.70	Partly Cloudy	Moderate Waves	E	Above Normal	1	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	1.70	Partly Cloudy	Moderate Waves	E	Above Normal	1	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	SE	Normal or Full	0	4.00
RGU	Loch Lomond	LAKE	Less Than 5%	1.75	Partly Cloudy	Calm/Ripple	NW	Above Normal	2	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	1.75	Partly Cloudy	Calm/Ripple	NW	Above Normal	2	2.00
RGU	Loch Lomond	LAKE	Less Than 5%	1.75	Partly Cloudy	Calm/Ripple	NW	Above Normal	2	2.00
RTJ	Long	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Above Normal	3	9.00
RTJ	Long	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Above Normal	3	9.00
RTJ	Long	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Above Normal	3	9.00
RTJ	Long	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SE	Normal or Full	0	5.00
RTJ	Long	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SE	Normal or Full	0	5.00
RTJ	Long	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SE	Normal or Full	0	5.00
RTJ	Long	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	3	9.00
RTJ	Long	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	3	9.00
RTJ	Long	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	3	9.00

Lake Code	Waterbody	Observations	Other Information	Management
RGU	Loch Lomond	453 TDS, 229 Salinity, 23.3C, 74F		
RGU	Loch Lomond	453 TDS, 229 Salinity, 23.3C, 74F		
RGU	Loch Lomond	211 TDS, 443 salinity, 79F, 27C	Algae spot treatment Thursday 9/13	
RGU	Loch Lomond	211 TDS, 443 salinity, 79F, 27C	Algae spot treatment Thursday 9/13	
RGU	Loch Lomond	211 TDS, 443 salinity, 79F, 27C	Algae spot treatment Thursday 9/13	
RGU	Loch Lomond	TDS 196, Salinity 395, Temp 21C & 69F		
RGU	Loch Lomond	TDS 196, Salinity 395, Temp 21C & 69F		
RGU	Loch Lomond	TDS 196, Salinity 395, Temp 21C & 69F		
RGU	Loch Lomond		only one secchi this month	none
RGU	Loch Lomond		only one secchi this month	none
RGU	Loch Lomond		only one secchi this month	none
RTJ	Long		Evidence of lake turning over; clumps from the lake bottom floating on the surface	
RTJ	Long		Evidence of lake turning over; clumps from the lake bottom floating on the surface	
RTJ	Long		Evidence of lake turning over; clumps from the lake bottom floating on the surface	
RTJ	Long	2" rain event on May 14, 2018 1" rain event on May 22, 2018		
RTJ	Long	2" rain event on May 14, 2018 1" rain event on May 22, 2018		
RTJ	Long	2" rain event on May 14, 2018 1" rain event on May 22, 2018		
RTJ	Long			No wake buoys installed along the Lake County Forest Preserve shoreline, north side of Long Lake
RTJ	Long			No wake buoys installed along the Lake County Forest Preserve shoreline, north side of Long Lake
RTJ	Long			No wake buoys installed along the Lake County Forest Preserve shoreline, north side of Long Lake

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGU	Loch Lomond	30-Aug-18	11:15	RGU-2	12	FALSE	FALSE	0	7	7.0
RGU	Loch Lomond	30-Aug-18	11:40	RGU-3	10	FALSE	FALSE	0	7	5.0
RGU	Loch Lomond	17-Sep-18	10:00	RGU-1	12	FALSE	FALSE	-1	7	8.0
RGU	Loch Lomond	17-Sep-18	10:15	RGU-2	12	FALSE	FALSE	-1	7	7.0
RGU	Loch Lomond	17-Sep-18	10:30	RGU-3	6	FALSE	FALSE	-1	7	5.0
RGU	Loch Lomond	28-Sep-18	12:45	RGU-1	12	FALSE	FALSE	0	17	8.0
RGU	Loch Lomond	28-Sep-18	13:00	RGU-2	12	FALSE	FALSE	0	17	7.0
RGU	Loch Lomond	28-Sep-18	13:15	RGU-3	12	FALSE	FALSE	0	17	5.0
RGU	Loch Lomond	31-Oct-18	10:15	RGU-1	60	FALSE	FALSE	0	7	8.0
RGU	Loch Lomond	31-Oct-18	10:30	RGU-2	56	FALSE	FALSE	0	7	7.0
RGU	Loch Lomond	31-Oct-18	10:45	RGU-3	22	FALSE	FALSE	0	7	5.0
RTJ	Long	08-May-18	16:55	RTJ-1	148	FALSE	FALSE	0	13	25.0
RTJ	Long	08-May-18	17:15	RTJ-2	132	FALSE	FALSE	0	13	26.0
RTJ	Long	08-May-18	17:35	RTJ-3	115	FALSE	FALSE	0	13	19.0
RTJ	Long	25-May-18	16:10	RTJ-1	45	FALSE	FALSE	0	13	26.0
RTJ	Long	25-May-18	16:38	RTJ-2	43	FALSE	FALSE	0	13	24.0
RTJ	Long	25-May-18	16:50	RTJ-3	41	FALSE	FALSE	0	13	19.0
RTJ	Long	06-Jun-18	11:00	RTJ-1	83	FALSE	FALSE	0	13	25.0
RTJ	Long	06-Jun-18	11:15	RTJ-2	73	FALSE	FALSE	0	13	25.0
RTJ	Long	06-Jun-18	11:30	RTJ-3	84	FALSE	FALSE	0	13	18.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTJ	Long	LAKE	No Selection	1.80	Overcast	Small Waves	NE	Above Normal	5	4.00
RTJ	Long	LAKE	No Selection	1.80	Overcast	Small Waves	NE	Above Normal	5	4.00
RTJ	Long	LAKE	No Selection	1.80	Overcast	Small Waves	NE	Above Normal	5	4.00
RTJ	Long	LAKE	5% To 25%	0.00	Sunny	Small Waves	S	Normal or Full	0	7.50
RTJ	Long	LAKE	5% To 25%	0.00	Sunny	Small Waves	S	Normal or Full	0	7.50
RTJ	Long	LAKE	5% To 25%	0.00	Sunny	Small Waves	S	Normal or Full	0	7.50
RTJ	Long	LAKE	5% To 25%	0.03	Sunny	Small Waves	N	Below Normal	2	2.00
RTJ	Long	LAKE	5% To 25%	0.03	Sunny	Small Waves	N	Below Normal	2	2.00
RTJ	Long	LAKE	5% To 25%	0.03	Sunny	Small Waves	N	Below Normal	2	2.00
RTJ	Long	LAKE	5% To 25%	0.36	Sunny	Small Waves	NW	Normal or Full	0	3.50

Lake Code	Waterbody	Observations	Other Information	Management
		1.28" rain on June 16, 2018		
RTJ	Long	Blue-green algae prevalent on June 12-19 LCHD tested for HAB toxins on June 14, no high levels reported		
RTJ	Long	1.28" rain on June 16, 2018 Blue-green algae prevalent on June 12-19 LCHD tested for HAB toxins on June 14, no high levels reported		
RTJ	Long	1.28" rain on June 16, 2018 Blue-green algae prevalent on June 12-19 LCHD tested for HAB toxins on June 14, no high levels reported		
RTJ	Long	Minimal, but periodic signs of blue-green algae since June 7	Aquatic weeds thinning after a thick spring. DO probe failed half way through testing on July 8. Replaced probe and tested again July 9, 2018	
RTJ	Long	Minimal, but periodic signs of blue-green algae since June 7	Aquatic weeds thinning after a thick spring. DO probe failed half way through testing on July 8. Replaced probe and tested again July 9, 2018	
RTJ	Long	Minimal, but periodic signs of blue-green algae since June 7	Aquatic weeds thinning after a thick spring. DO probe failed half way through testing on July 8. Replaced probe and tested again July 9, 2018	
RTJ	Long			
RTJ	Long			
RTJ	Long			
RTJ	Long	2.09 inches of rain fell on 8/8/18	Lake has been relatively clear of blue-green algae.	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTJ	Long	19-Jun-18	13:40	RTJ-1	43	FALSE	FALSE	0	13	26.0
RTJ	Long	19-Jun-18	13:50	RTJ-2	34	FALSE	FALSE	0	13	27.0
RTJ	Long	19-Jun-18	14:00	RTJ-3	39	FALSE	FALSE	0	13	18.0
RTJ	Long	08-Jul-18	15:15	RTJ-1	66	FALSE	FALSE	0	13	26.0
RTJ	Long	08-Jul-18	15:30	RTJ-2	68	FALSE	FALSE	0	13	26.0
RTJ	Long	08-Jul-18	15:45	RTJ-3	70	FALSE	FALSE	0	13	18.0
RTJ	Long	24-Jul-18	10:50	RTJ-1	39	FALSE	FALSE	0	13	25.0
RTJ	Long	24-Jul-18	11:24	RTJ-2	35	FALSE	FALSE	0	13	28.0
RTJ	Long	24-Jul-18	11:40	RTJ-3	37	FALSE	FALSE	0	13	18.0
RTJ	Long	11-Aug-18	13:05	RTJ-1	41	FALSE	FALSE	0	13	25.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTJ	Long	LAKE	5% To 25%	0.36	Sunny	Small Waves	NW	Normal or Full	0	3.50
RTJ	Long	LAKE	5% To 25%	0.36	Sunny	Small Waves	NW	Normal or Full	0	3.50
RTJ	Long	LAKE	5% To 25%	0.14	Partly Cloudy	Moderate Waves	NE	Below Normal	4	7.50
RTJ	Long	LAKE	5% To 25%	0.14	Partly Cloudy	Moderate Waves	NE	Below Normal	4	7.50
RTJ	Long	LAKE	5% To 25%	0.14	Partly Cloudy	Moderate Waves	NE	Below Normal	4	7.50
RTJ	Long	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	W	Above Normal	7	4.00
RTJ	Long	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	W	Above Normal	7	4.00
RTJ	Long	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	W	Above Normal	7	4.00
RTJ	Long	LAKE	5% To 25%	0.00	Sunny	Small Waves	SE	Above Normal	2	2.00
RTJ	Long	LAKE	5% To 25%	0.00	Sunny	Small Waves	SE	Above Normal	2	2.00
RTJ	Long	LAKE	5% To 25%	0.00	Sunny	Small Waves	SE	Above Normal	2	2.00
RTJ	Long	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	NW	Above Normal	6	2.00
RTJ	Long	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	NW	Above Normal	6	2.00
RTJ	Long	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	NW	Above Normal	6	2.00
RTJ	Long	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	5.00
RTJ	Long	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	5.00
RTJ	Long	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	5.00
RHZK	Longmeadow	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	0	0.50
RHZK	Longmeadow	COOK	No Selection	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	0.50
RHZK	Longmeadow	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	0.50
RHZK	Longmeadow	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
RTJ	Long	2.09 inches of rain fell on 8/8/18	Lake has been relatively clear of blue-green algae.	
RTJ	Long	2.09 inches of rain fell on 8/8/18	Lake has been relatively clear of blue-green algae.	
RTJ	Long		Blue-green algae continues to be minimal	
RTJ	Long		Blue-green algae continues to be minimal	
RTJ	Long		Blue-green algae continues to be minimal	
RTJ	Long			
RTJ	Long			
RTJ	Long			
RTJ	Long			
RTJ	Long			
RTJ	Long			
RTJ	Long			
RTJ	Long			
RTJ	Long			
RTJ	Long			
RHZK	Longmeadow			Aeration system on
RHZK	Longmeadow	Change in temp from low 80's to high 90's. Lots of pollinators, frogs, sunfish and small bass	Lrg. amts. of fil. algae and spirogyra especially in south cove.	South end manually cleaned by owners then AEM cleaned entire shoreline on 6/30 and 6/27 and sprayed with cutrine plus.
RHZK	Longmeadow	Change in tem. from low 80's to 90's. Lots of pollinators, frogs, sunfish and small bass		South cove manually cleaned of F. Algae and spirogyra on 6/28 and 7/1. by us and our neighbors. AEM cleaned entire shoreline on 6/30 and 7/1. AEM sprayed algae on 6/27 using Cutrine, plus an algacide and herbicide.
RHZK	Longmeadow	Moderate amount of F. Algae around shoreline especially south end. On 7/19 AEM applied Cutrine-1 gallon Clipper-2 oz Aqua Prep-32 oz. and Cygnet Plus- 4 oz.	Many sunfish and catfish. My grandson caught a released a large mouth bass that we think weight approx. 5 lbs.	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTJ	Long	11-Aug-18	12:15	RTJ-2	43	FALSE	FALSE	0	13	28.0
RTJ	Long	11-Aug-18	12:50	RTJ-3	39	FALSE	FALSE	0	13	18.0
RTJ	Long	20-Aug-18	15:45	RTJ-1	42	FALSE	FALSE	0	13	25.0
RTJ	Long	20-Aug-18	16:00	RTJ-2	46	FALSE	FALSE	0	13	29.0
RTJ	Long	20-Aug-18	16:30	RTJ-3	46	FALSE	FALSE	0	13	18.0
RTJ	Long	10-Sep-18	16:30	RTJ-1	29	FALSE	FALSE	0	13	26.0
RTJ	Long	10-Sep-18	16:45	RTJ-2	30	FALSE	FALSE	0	13	29.0
RTJ	Long	10-Sep-18	17:00	RTJ-3	31	FALSE	FALSE	0	13	19.0
RTJ	Long	23-Sep-18	13:15	RTJ-1	38	FALSE	FALSE	0	13	26.0
RTJ	Long	23-Sep-18	13:50	RTJ-2	37	FALSE	FALSE	0	13	27.0
RTJ	Long	23-Sep-18	14:15	RTJ-3	36	FALSE	FALSE	0	13	19.0
RTJ	Long	14-Oct-18	14:20	RTJ-1	40	FALSE	FALSE	0	13	26.0
RTJ	Long	14-Oct-18	14:00	RTJ-2	36	FALSE	FALSE	0	13	29.0
RTJ	Long	14-Oct-18	14:40	RTJ-3	37	FALSE	FALSE	0	13	19.0
RTJ	Long	23-Oct-18	16:00	RTJ-1	36	FALSE	FALSE	0	13	26.0
RTJ	Long	23-Oct-18	16:30	RTJ-2	31	FALSE	FALSE	0	13	30.0
RTJ	Long	23-Oct-18	16:45	RTJ-3	31	FALSE	FALSE	0	13	19.0
RHZK	Longmeadow	29-May-18	10:55	RHZK-1	32	FALSE	FALSE	-1	12	9.5
RHZK	Longmeadow	09-Jul-18	10:15	RHZK-1	28	FALSE	FALSE	-1	12	10.0
RHZK	Longmeadow	09-Jul-18	01:15	RHZK-1	28	FALSE	FALSE	1	12	10.0
RHZK	Longmeadow	18-Jul-18	09:00	RHZK-1	38	FALSE	FALSE	1	12	10.0

Lake Code	Waterbody	Observations	Other Information	Management
RHZK	Longmeadow		5 Aerators working Bullfrogs, Heron bluegill and bass	Shoreline cleaning again at south end. Still lots of F. Algae
RHZK	Longmeadow		No aquatic plants on surface and none pulled up with anchor. Lake looks beautiful!	
VTZJ	Louise	Lake is a green color		
VTZJ	Louise	heavy rain for 3 days, now 3 days of clear weather		lake sprayed for algae treatment this morning (6/25/18)
VTZJ	Louise	heavy rain for 3 days, now 3 days of clear weather		lake sprayed for algae treatment this morning (6/25/18)
VTZJ	Louise	heavy rain for 3 days, now 3 days of clear weather		lake sprayed for algae treatment this morning (6/25/18)
VTZJ	Louise	water much clearer than usual, carp visible near shore		
VTZJ	Louise	water much clearer than usual, carp visible near shore		
VTZJ	Louise	water much clearer than usual, carp visible near shore		
VTZJ	Louise			
RCF	Mattoon		Striped bass floating, carp floating dead in the water	
RCF	Mattoon		Striped bass floating, carp floating dead in the water	
RCF	Mattoon		Striped bass floating, carp floating dead in the water	
RCF	Mattoon		Striped bass floating, carp floating dead in the water	
RCF	Mattoon		Striped bass floating, carp floating dead in the water	
RCF	Mattoon			Pumping water out of/ Into lake Paradise
RCF	Mattoon			Pumping water out of/ Into lake Paradise
RCF	Mattoon			Pumping water out of/ Into lake Paradise
RCF	Mattoon			Pumping water out of/ Into lake Paradise
RCF	Mattoon			Pumping water out of/ Into lake Paradise

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RHZK	Longmeadow	08-Aug-18	08:30	RHZK-1	26	FALSE	FALSE	1	13	10.5
RHZK	Longmeadow	22-Aug-18	08:30	RHZK-1	54	FALSE	FALSE	0	12	9.5
VTZJ	Louise	05-Jun-18	13:00	VTZJ-1	11	FALSE	FALSE	0	12	4.5
VTZJ	Louise	25-Jun-18	17:00	VTZJ-1	8	FALSE	FALSE	0	11	6.0
VTZJ	Louise	25-Jun-18	17:10	VTZJ-2	6	FALSE	FALSE	0	10	4.5
VTZJ	Louise	25-Jun-18	17:30	VTZJ-3	6	FALSE	FALSE	0	16	5.0
VTZJ	Louise	17-May-18	12:00	VTZJ-1	42	FALSE	FALSE	0	16	5.5
VTZJ	Louise	17-May-18	12:15	VTZJ-2	27	FALSE	FALSE	0	15	4.5
VTZJ	Louise	17-May-18	12:35	VTZJ-3	40	FALSE	FALSE	0	10	4.5
VTZJ	Louise	30-Jul-18	15:00	VTZJ-1	6	FALSE	FALSE	0	12	4.5
RCF	Mattoon	23-May-18	10:40	RCF-1	17	FALSE	FALSE	0	3	18.0
RCF	Mattoon	23-May-18	10:11	RCF-2	19	FALSE	FALSE	0	3	23.0
RCF	Mattoon	23-May-18	09:37	RCF-3	7	FALSE	FALSE	0	15	5.0
RCF	Mattoon	23-May-18	09:53	RCF-4	11	FALSE	FALSE	0	3	8.0
RCF	Mattoon	23-May-18	10:29	RCF-5	15	FALSE	FALSE	0	3	12.5
RCF	Mattoon	04-Jun-18	11:14	RCF-1	16	FALSE	FALSE	0	3	19.0
RCF	Mattoon	04-Jun-18	10:50	RCF-2	19	FALSE	FALSE	0	3	22.5
RCF	Mattoon	04-Jun-18	10:25	RCF-3	25	FALSE	FALSE	0	12	5.0
RCF	Mattoon	04-Jun-18	10:37	RCF-4	28	FALSE	FALSE	0	13	9.0
RCF	Mattoon	04-Jun-18	11:02	RCF-5	20	FALSE	FALSE	0	8	12.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RCF	Mattoon	SHELBY	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	8.00
RCF	Mattoon	SHELBY	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	8.00
RCF	Mattoon	SHELBY	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	8.00
RCF	Mattoon	SHELBY	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	8.00
RCF	Mattoon	SHELBY	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	8.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	1.5	4.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	1.5	4.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	1.5	4.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.10	Sunny	Calm/Ripple	W	Below Normal	3	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.10	Sunny	Calm/Ripple	W	Below Normal	3	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.10	Sunny	Calm/Ripple	W	Below Normal	3	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	3	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	3	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	3	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	1	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	1	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	1	6.00
RNZI	Miller	JEFFERSON	No Selection	1.32	Overcast	Calm/Ripple	SW	Below Normal	2	6.00
RNZI	Miller	JEFFERSON	No Selection	1.32	Overcast	Calm/Ripple	SW	Below Normal	2	6.00
RNZI	Miller	JEFFERSON	No Selection	1.32	Overcast	Calm/Ripple	SW	Below Normal	2	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.63	Overcast	Calm/Ripple	SE	Below Normal	6	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.63	Overcast	Calm/Ripple	SE	Below Normal	6	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.63	Overcast	Calm/Ripple	SE	Below Normal	6	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Above Normal	1	5.50
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Above Normal	1	5.50

Lake Code	Waterbody	Observations	Other Information	Management
RCF	Mattoon		Used for city of Mattoon water	
RCF	Mattoon		Used for city of Mattoon water	
RCF	Mattoon		Used for city of Mattoon water	
RCF	Mattoon		Used for city of Mattoon water	
RCF	Mattoon		Used for city of Mattoon water	
RNZI	Miller			
RNZI	Miller			
RNZI	Miller			
RNZI	Miller			
RNZI	Miller			
RNZI	Miller			
RNZI	Miller			
RNZI	Miller			
RNZI	Miller	none	very little Hydrilla	
RNZI	Miller	none	very little Hydrilla	
RNZI	Miller	none	very little Hydrilla	
RNZI	Miller			
RNZI	Miller			
RNZI	Miller			
RNZI	Miller	We had 1.97iw on 7/14/2018		
RNZI	Miller	We had 1.97iw on 7/14/2018		
RNZI	Miller	We had 1.97iw on 7/14/2018		
RNZI	Miller	light rain on & off		
RNZI	Miller	light rain on & off		
RNZI	Miller	light rain on & off		
RNZI	Miller	It was raining before we left then immediately after we got in it started again.		
RNZI	Miller	It was raining before we left then immediately after we got in it started again.		
RNZI	Miller	It was raining before we left then immediately after we got in it started again.		
RNZI	Miller	on the Saturday the 8th we had 5.66in 3 day total of 6.52in		
RNZI	Miller	on the Saturday the 8th we had 5.66in 3 day total of 6.52in		

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RCF	Mattoon	09-Jul-18	13:13	RCF-1	12	FALSE	FALSE	0	13	13.5
RCF	Mattoon	09-Jul-18	12:33	RCF-2	19	FALSE	FALSE	0	13	21.0
RCF	Mattoon	09-Jul-18	11:55	RCF-3	15	FALSE	FALSE	0	13	5.0
RCF	Mattoon	09-Jul-18	12:12	RCF-4	13	FALSE	FALSE	0	13	7.5
RCF	Mattoon	09-Jul-18	12:56	RCF-5	21	FALSE	FALSE	0	13	12.0
RNZI	Miller	08-May-18	09:34	RNZI-1	34	FALSE	FALSE	0	12	22.0
RNZI	Miller	08-May-18	10:00	RNZI-2	28	FALSE	FALSE	0	12	9.0
RNZI	Miller	08-May-18	10:10	RNZI-3	16	FALSE	FALSE	0	12	5.0
RNZI	Miller	22-May-18	08:10	RNZI-1	34	FALSE	FALSE	0	12	22.0
RNZI	Miller	22-May-18	08:39	RNZI-2	28	FALSE	FALSE	0	12	11.0
RNZI	Miller	22-May-18	08:38	RNZI-3	17	FALSE	FALSE	0	12	5.0
RNZI	Miller	05-Jun-18	08:24	RNZI-1	26	FALSE	FALSE	0	12	22.0
RNZI	Miller	05-Jun-18	08:52	RNZI-2	29	FALSE	FALSE	0	12	12.0
RNZI	Miller	05-Jun-18	09:05	RNZI-3	14	FALSE	FALSE	0	12	6.5
RNZI	Miller	19-Jun-18	08:10	RNZI-1	19	FALSE	FALSE	0	12	20.0
RNZI	Miller	19-Jun-18	08:32	RNZI-2	22	FALSE	FALSE	0	12	12.0
RNZI	Miller	19-Jun-18	08:45	RNZI-3	18	FALSE	FALSE	0	12	6.0
RNZI	Miller	10-Jul-18	08:01	RNZI-1	34	FALSE	FALSE	0	12	22.0
RNZI	Miller	10-Jul-18	08:22	RNZI-2	31	FALSE	FALSE	0	12	11.0
RNZI	Miller	10-Jul-18	08:35	RNZI-3	18	FALSE	FALSE	0	12	5.0
RNZI	Miller	17-Jul-18	07:53	RNZI-1	31	FALSE	FALSE	0	12	22.0
RNZI	Miller	17-Jul-18	08:10	RNZI-2	24	FALSE	FALSE	0	12	13.0
RNZI	Miller	17-Jul-18	08:25	RNZI-3	15	FALSE	FALSE	0	12	5.0
RNZI	Miller	21-Aug-18	08:30	RNZI-1	26	FALSE	FALSE	0	12	23.0
RNZI	Miller	21-Aug-18	08:45	RNZI-2	24	FALSE	FALSE	0	12	12.0
RNZI	Miller	21-Aug-18	09:00	RNZI-3	18	FALSE	FALSE	0	12	5.0
RNZI	Miller	07-Aug-18	08:10	RNZI-1	36	FALSE	FALSE	0	12	25.0
RNZI	Miller	07-Aug-18	08:35	RNZI-2	35	FALSE	FALSE	0	12	9.0
RNZI	Miller	07-Aug-18	08:53	RNZI-3	18	FALSE	FALSE	0	12	5.0
RNZI	Miller	11-Sep-18	08:26	RNZI-1	22	FALSE	FALSE		12	23.0
RNZI	Miller	11-Sep-18	08:48	RNZI-2	26	FALSE	FALSE	0	12	12.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Above Normal	1	5.50
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	3	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	3	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	3	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	1	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	1	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	1	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Below Normal	2	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Below Normal	2	6.00
RNZI	Miller	JEFFERSON	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Below Normal	2	6.00
RGZD	Miltmore	LAKE	Less Than 5%	2.00	Overcast	Calm/Ripple	E	Above Normal	0	1.00
RGZD	Miltmore	LAKE	Less Than 5%	2.00	Overcast	Calm/Ripple	E	Above Normal	0	1.00
RGZD	Miltmore	LAKE	Less Than 5%	2.00	Overcast	Calm/Ripple	E	Above Normal	0	1.00
RGZD	Miltmore	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	E	Normal or Full	0	2.00
RGZD	Miltmore	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	E	Normal or Full	0	2.00
RGZD	Miltmore	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	E	Normal or Full	0	2.00
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	E	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RNZI	Miller	on the Saturday the 8th we had 5.66in 3 day total of 6.52in		
RNZI	Miller			
RNZI	Miller			
RNZI	Miller			
RNZI	Miller	70 degrees- 7 mph wind south		
RNZI	Miller	70 degrees- 7 mph wind south		
RNZI	Miller	70 degrees- 7 mph wind south		
RNZI	Miller	50 Degrees. 2 boats fishing. Unusual oxygen levels.		
RNZI	Miller	50 Degrees. 2 boats fishing. Unusual oxygen levels.		
RNZI	Miller	50 Degrees. 2 boats fishing. Unusual oxygen levels.		
RGZD	Miltmore	Very heavy rain in a short period of time, water level higher than usual		
RGZD	Miltmore	Very heavy rain in a short period of time, water level higher than usual		
RGZD	Miltmore	Very heavy rain in a short period of time, water level higher than usual		
RGZD	Miltmore	Substantial recreational use of the lake over the past few days have stirred the water somewhat and may impact readings.		Lake was treated for Eurasian Watermilfoil by the township on May 16th.
RGZD	Miltmore	Substantial recreational use of the lake over the past few days have stirred the water somewhat and may impact readings.		Lake was treated for Eurasian Watermilfoil by the township on May 16th.
RGZD	Miltmore	Substantial recreational use of the lake over the past few days have stirred the water somewhat and may impact readings.		Lake was treated for Eurasian Watermilfoil by the township on May 16th.
RGZD	Miltmore	Water appears stirred up (heavy rec use over the weekend?). Also, water is flowing backward - from Fourth Lake INTO Miltmore.		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RNZI	Miller	11-Sep-18	09:02	RNZI-3	12	FALSE	FALSE	0	12	5.0
RNZI	Miller	04-Sep-18	08:12	RNZI-1	24	FALSE	FALSE	0	12	20.0
RNZI	Miller	04-Sep-18	08:30	RNZI-2	21	FALSE	FALSE	0	12	11.0
RNZI	Miller	04-Sep-18	08:45	RNZI-3	12	FALSE	FALSE	0	12	5.0
RNZI	Miller	03-Oct-18	08:05	RNZI-1	28	FALSE	FALSE	0	12	22.0
RNZI	Miller	03-Oct-18	08:22	RNZI-2	26	FALSE	FALSE	0	12	11.0
RNZI	Miller	03-Oct-18	08:32	RNZI-3	18	FALSE	FALSE	0	12	5.0
RNZI	Miller	17-Oct-18	12:05	RNZI-1	32	FALSE	FALSE	0	12	22.0
RNZI	Miller	17-Oct-18	12:23	RNZI-2	27	FALSE	FALSE	0	12	10.0
RNZI	Miller	17-Oct-18	12:36	RNZI-3	17	FALSE	FALSE	0	12	5.0
RGZD	Miltmore	22-May-18	09:35	RGZD-1	152	FALSE	FALSE	1	3	13.5
RGZD	Miltmore	22-May-18	09:30	RGZD-2	155	FALSE	FALSE	0	2	14.0
RGZD	Miltmore	22-May-18	09:40	RGZD-3	108	TRUE	FALSE	0	3	9.0
RGZD	Miltmore	29-May-18	12:48	RGZD-1	121	FALSE	FALSE	1	7	15.0
RGZD	Miltmore	29-May-18	12:32	RGZD-2	120	FALSE	FALSE	1	7	11.0
RGZD	Miltmore	29-May-18	13:04	RGZD-3	102	TRUE	FALSE	0	7	8.5
RGZD	Miltmore	25-Jun-18	15:04	RGZD-1	70	FALSE	FALSE	1	8	8.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	E	Normal or Full	0	2.00
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	E	Normal or Full	0	2.00
RGZD	Miltmore	LAKE	No Selection	0.00	Sunny	Calm/Ripple	E	Below Normal	8	1.50
RGZD	Miltmore	LAKE	No Selection	0.00	Sunny	Calm/Ripple	E	Below Normal	8	1.50
RGZD	Miltmore	LAKE	No Selection	0.00	Sunny	Calm/Ripple	E	Below Normal	8	1.50
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	18	2.50
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	18	2.50
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	18	2.50
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NW	Below Normal	20	2.00
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NW	Below Normal	20	2.00
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NW	Below Normal	20	2.00
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	S	Below Normal	12	1.50
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	S	Below Normal	12	1.50
RGZD	Miltmore	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	S	Below Normal	12	1.50
RGZD	Miltmore	LAKE	5% To 25%	0.25	Sunny	Small Waves	W	Below Normal	8	1.50
RGZD	Miltmore	LAKE	5% To 25%	0.25	Sunny	Small Waves	W	Below Normal	8	1.50
RGZD	Miltmore	LAKE	5% To 25%	0.25	Sunny	Small Waves	W	Below Normal	8	1.50
RGP	Minear	LAKE	Less Than 5%	6.00	Sunny	Calm/Ripple	NONE	Above Normal	18	0.50
RGP	Minear	LAKE	Less Than 5%	6.00	Sunny	Calm/Ripple	NONE	Above Normal	18	0.50
RGP	Minear	LAKE	Less Than 5%	6.00	Sunny	Calm/Ripple	NONE	Above Normal	18	0.50
RGP	Minear	LAKE	Less Than 5%	6.00	Sunny	Calm/Ripple	NONE	Above Normal	18	0.50
RGP	Minear	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Above Normal	6	1.00
RGP	Minear	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Above Normal	6	1.00
RGP	Minear	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Above Normal	6	1.00
RGP	Minear	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Above Normal	6	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RGZD	Miltmore	Water appears stirred up (heavy rec use over the weekend?). Also, water is flowing backward - from Fourth Lake INTO Miltmore.		
RGZD	Miltmore	Water appears stirred up (heavy rec use over the weekend?). Also, water is flowing backward - from Fourth Lake INTO Miltmore.		
RGZD	Miltmore			
RGZD	Miltmore			
RGZD	Miltmore			
RGZD	Miltmore			
RGZD	Miltmore			
RGZD	Miltmore	Lake Level VERY Low		
RGZD	Miltmore	Lake Level VERY Low		
RGZD	Miltmore	Lake Level VERY Low		
RGZD	Miltmore	Substantial storm with rain earlier in the week (3 days ago)		
RGZD	Miltmore	Substantial storm with rain earlier in the week (3 days ago)		
RGZD	Miltmore	Substantial storm with rain earlier in the week (3 days ago)		
RGZD	Miltmore			
RGZD	Miltmore			
RGZD	Miltmore			
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear	Lots of filamentous algae, carp		Sonar to control weeds in May
RGP	Minear	Lots of filamentous algae, carp		Sonar to control weeds in May
RGP	Minear	Lots of filamentous algae, carp		Sonar to control weeds in May
RGP	Minear	Lots of filamentous algae, carp		Sonar to control weeds in May

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGZD	Miltmore	25-Jun-18	14:46	RGZD-2	84	FALSE	FALSE	0	17	15.0
RGZD	Miltmore	25-Jun-18	14:30	RGZD-3	86	FALSE	FALSE	0	17	8.0
RGZD	Miltmore	11-Jul-18	12:24	RGZD-1	86	FALSE	FALSE	1	17	8.5
RGZD	Miltmore	11-Jul-18	12:47	RGZD-2	82	FALSE	FALSE	0	17	11.0
RGZD	Miltmore	11-Jul-18	13:14	RGZD-3	90	TRUE	FALSE	0	7	7.5
RGZD	Miltmore	24-Jul-18	12:05	RGZD-1	67	FALSE	FALSE	0	17	15.0
RGZD	Miltmore	24-Jul-18	11:20	RGZD-2	62	FALSE	FALSE	1	17	11.5
RGZD	Miltmore	24-Jul-18	11:45	RGZD-3	58	FALSE	FALSE	0	17	7.0
RGZD	Miltmore	22-Aug-18	14:15	RGZD-1	70	FALSE	FALSE	1	17	9.0
RGZD	Miltmore	22-Aug-18	13:25	RGZD-2	126	FALSE	FALSE	0	8	14.5
RGZD	Miltmore	22-Aug-18	13:45	RGZD-3	66	FALSE	FALSE	1	17	6.5
RGZD	Miltmore	31-Aug-18	12:30	RGZD-1	67	FALSE	FALSE	0	8	7.0
RGZD	Miltmore	31-Aug-18	12:55	RGZD-2	51	FALSE	FALSE	1	17	13.0
RGZD	Miltmore	31-Aug-18	13:18	RGZD-3	53	FALSE	FALSE	1	17	5.0
RGZD	Miltmore	26-Sep-18	10:10	RGZD-1	79	FALSE	FALSE	1	12	8.5
RGZD	Miltmore	26-Sep-18	11:05	RGZD-2	65	FALSE	FALSE	0	17	15.0
RGZD	Miltmore	26-Sep-18	10:40	RGZD-3	68	FALSE	FALSE	1	17	8.0
RGP	Minear	17-May-18	15:10	RGP-1	114	FALSE	FALSE	0	8	14.5
RGP	Minear	17-May-18	15:00	RGP-2	144	FALSE	FALSE	0	17	16.0
RGP	Minear	17-May-18	15:20	RGP-3	108	FALSE	FALSE	0	8	15.5
RGP	Minear	17-May-18	15:30	RGP-4	102	FALSE	TRUE	0	17	14.0
RGP	Minear	05-Jun-18	11:20	RGP-1	132	FALSE	FALSE	1	8	15.0
RGP	Minear	05-Jun-18	11:35	RGP-2	132	FALSE	FALSE	1	8	15.0
RGP	Minear	05-Jun-18	11:50	RGP-3	144	FALSE	FALSE	1	8	8.5
RGP	Minear	05-Jun-18	12:05	RGP-4	132	FALSE	FALSE	1	8	13.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGP	Minear	LAKE	Less Than 5%	2.50	Overcast	Calm/Ripple	NE	Above Normal	4	1.00
RGP	Minear	LAKE	Less Than 5%	2.50	Overcast	Calm/Ripple	NE	Above Normal	4	1.00
RGP	Minear	LAKE	Less Than 5%	2.50	Overcast	Calm/Ripple	NE	Above Normal	4	1.00
RGP	Minear	LAKE	Less Than 5%	2.50	Overcast	Calm/Ripple	NE	Above Normal	4	1.00
RGP	Minear	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Above Normal	6	2.00
RGP	Minear	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Above Normal	6	2.00
RGP	Minear	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Above Normal	6	2.00
RGP	Minear	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Above Normal	6	2.00
RGP	Minear	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	2.00
RGP	Minear	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	2.00
RGP	Minear	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	2.00
RGP	Minear	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	2.00
RGP	Minear	LAKE	5% To 25%	0.50	Sunny	Calm/Ripple	NONE	No Selection	0	1.00
RGP	Minear	LAKE	5% To 25%	0.50	Sunny	Calm/Ripple	NONE	No Selection	0	1.00
RGP	Minear	LAKE	5% To 25%	0.50	Sunny	Calm/Ripple	NONE	No Selection	0	1.00
RGP	Minear	LAKE	5% To 25%	0.50	Sunny	Calm/Ripple	NONE	No Selection	0	1.00
RGP	Minear	LAKE	5% To 25%	0.50	Sunny	Moderate Waves	SE	Above Normal	9	1.00
RGP	Minear	LAKE	5% To 25%	0.50	Sunny	Moderate Waves	SE	Above Normal	9	1.00
RGP	Minear	LAKE	5% To 25%	0.50	Sunny	Moderate Waves	SE	Above Normal	9	1.00
RGP	Minear	LAKE	5% To 25%	0.50	Sunny	Moderate Waves	SE	Above Normal	9	1.00
RGP	Minear	LAKE	Less Than 5%	0.20	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RGP	Minear	curly leaf dying or dead. floating mats of filamentous algae have decreased in the past few days		
RGP	Minear	curly leaf dying or dead. floating mats of filamentous algae have decreased in the past few days		
RGP	Minear	curly leaf dying or dead. floating mats of filamentous algae have decreased in the past few days		
RGP	Minear	curly leaf dying or dead. floating mats of filamentous algae have decreased in the past few days		
RGP	Minear	Des Plaines river flooded lake Minear 6/28/18		
RGP	Minear	Des Plaines river flooded lake Minear 6/28/18		
RGP	Minear	Des Plaines river flooded lake Minear 6/28/18		
RGP	Minear	Des Plaines river flooded lake Minear 6/28/18		
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear			
RGP	Minear		No weeds on anchor or (secchi) disk. Filamentous algae and star duckweed in shallows	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGP	Minear	19-Jun-18	11:15	RGP-1	84	FALSE	FALSE	1	17	15.0
RGP	Minear	19-Jun-18	11:00	RGP-2	90	FALSE	FALSE	1	17	13.5
RGP	Minear	19-Jun-18	11:30	RGP-3	90	FALSE	FALSE	2	17	18.5
RGP	Minear	19-Jun-18	11:45	RGP-4	84	FALSE	FALSE	1	-1	13.5
RGP	Minear	14-Jul-18	14:14	RGP-1	50	FALSE	FALSE	0	16	14.0
RGP	Minear	14-Jul-18	14:07	RGP-2	57	FALSE	FALSE	0	11	12.5
RGP	Minear	14-Jul-18	13:51	RGP-3	63	FALSE	FALSE	0	16	18.0
RGP	Minear	14-Jul-18	14:00	RGP-4	62	FALSE	FALSE	0	16	13.0
RGP	Minear	30-Jul-18	13:01	RGP-1	65	FALSE	FALSE	0	17	14.5
RGP	Minear	30-Jul-18	12:52	RGP-2	58	FALSE	FALSE	1	8	12.0
RGP	Minear	30-Jul-18	12:20	RGP-3	67	FALSE	FALSE	0	16	17.0
RGP	Minear	30-Jul-18	12:39	RGP-4	64	FALSE	FALSE	0	16	12.0
RGP	Minear	21-Aug-18	11:46	RGP-1	58	FALSE	FALSE	0	17	14.5
RGP	Minear	21-Aug-18	11:40	RGP-2	60	FALSE	FALSE	0	17	12.0
RGP	Minear	21-Aug-18	11:55	RGP-3	46	FALSE	FALSE	0	12	15.0
RGP	Minear	21-Aug-18	12:05	RGP-4	72	FALSE	FALSE	0	8	16.0
RGP	Minear	31-Aug-18	14:35	RGP-1	96	FALSE	FALSE	0	8	16.0
RGP	Minear	31-Aug-18	14:27	RGP-2	80	FALSE	FALSE	0	8	13.5
RGP	Minear	31-Aug-18	14:45	RGP-3	76	FALSE	FALSE	0	17	15.0
RGP	Minear	31-Aug-18	14:53	RGP-4	89	FALSE	FALSE	0	17	12.5
RGP	Minear	18-Sep-18	14:15	RGP-1	96	FALSE	FALSE	0	8	16.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGP	Minear	LAKE	Less Than 5%	0.20	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RGP	Minear	LAKE	Less Than 5%	0.20	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RGP	Minear	LAKE	Less Than 5%	0.20	Overcast	Calm/Ripple	NW	Normal or Full	0	2.00
RGP	Minear	LAKE	Less Than 5%	3.00	Overcast	Moderate Waves	NW	Above Normal	4	2.00
RGP	Minear	LAKE	Less Than 5%	3.00	Overcast	Moderate Waves	NW	Above Normal	4	2.00
RGP	Minear	LAKE	Less Than 5%	3.00	Overcast	Moderate Waves	NW	Above Normal	4	2.00
RGP	Minear	LAKE	Less Than 5%	3.00	Overcast	Moderate Waves	NW	Above Normal	4	2.00
RND	Murphysboro	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	0.50
RND	Murphysboro	JACKSON	Less Than 5%	2.00	Sunny	Calm/Ripple	W	Normal or Full	0	2.00
RND	Murphysboro	JACKSON	Less Than 5%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	1	1.00
RND	Murphysboro	JACKSON	Less Than 5%	1.75	Sunny	Calm/Ripple	SW	Normal or Full	0	0.50
RND	Murphysboro	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Below Normal	2	0.50
RND	Murphysboro	JACKSON	Less Than 5%	1.30	Overcast	Calm/Ripple	N	Below Normal	2	0.50
RND	Murphysboro	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	2	0.50
RND	Murphysboro	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Below Normal	3	0.50
RND	Murphysboro	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	0.50
RND	Murphysboro	JACKSON	Less Than 5%	4.00	Sunny	Calm/Ripple	N	Normal or Full	0	0.50
RND	Murphysboro	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RND	Murphysboro	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	1.5	0.50

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGP	Minear	18-Sep-18	14:00	RGP-2	96	FALSE	FALSE	0	8	16.0
RGP	Minear	18-Sep-18	14:30	RGP-3	96	FALSE	FALSE	0	8	18.0
RGP	Minear	18-Sep-18	14:45	RGP-4	96	FALSE	FALSE	0	8	13.5
RGP	Minear	06-Oct-18	09:15	RGP-1	96	FALSE	FALSE	0	8	16.0
RGP	Minear	06-Oct-18	09:00	RGP-2	108	FALSE	FALSE	0	17	16.0
RGP	Minear	06-Oct-18	09:30	RGP-3	108	FALSE	FALSE	0	8	19.0
RGP	Minear	06-Oct-18	09:45	RGP-4	96	FALSE	FALSE	0	8	14.0
RND	Murphysboro	10-May-18	12:10	RND-1	33	FALSE	FALSE	0	13	7.0
RND	Murphysboro	22-May-18	12:00	RND-1	28	FALSE	FALSE	0	13	7.0
RND	Murphysboro	12-Jun-18	12:45	RND-1	32	FALSE	FALSE	0	13	7.0
RND	Murphysboro	28-Jun-18	13:44	RND-1	24	FALSE	FALSE	0	13	7.0
RND	Murphysboro	17-Jul-18	11:24	RND-1	22	FALSE	FALSE	0	13	7.0
RND	Murphysboro	30-Jul-18	13:02	RND-1	26	FALSE	FALSE	0	12	6.0
RND	Murphysboro	14-Aug-18	11:56	RND-1	19	FALSE	FALSE	0	12	7.0
RND	Murphysboro	28-Aug-18	13:35	RND-1	24	FALSE	FALSE	0	12	7.0
RND	Murphysboro	11-Sep-18	09:09	RND-1	22	FALSE	FALSE	0	12	7.0
RND	Murphysboro	26-Sep-18	11:38	RND-1	19	FALSE	FALSE	0	12	7.0
RND	Murphysboro	09-Oct-18	11:36	RND-1	20	FALSE	FALSE	0	12	7.0
RND	Murphysboro	23-Oct-18	08:34	RND-1	28	FALSE	FALSE	0	13	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STO	Napa Suwe	LAKE	26% To 50%	0.20	Overcast	Small Waves	W	Below Normal	0	3.00
STO	Napa Suwe	LAKE	26% To 50%	0.20	Overcast	Small Waves	W	Below Normal	0	3.00
STO	Napa Suwe	LAKE	26% To 50%	0.20	Overcast	Small Waves	W	Below Normal	0	3.00
STO	Napa Suwe	LAKE	26% To 50%	0.00	Hazy	Small Waves	E	Above Normal	5	3.00
STO	Napa Suwe	LAKE	26% To 50%	0.00	Hazy	Small Waves	E	Above Normal	5	3.00
STO	Napa Suwe	LAKE	26% To 50%	0.00	Hazy	Small Waves	E	Above Normal	5	3.00
STO	Napa Suwe	LAKE	51% To 70%	0.10	Sunny	Small Waves	SE	Above Normal	3	2.00
STO	Napa Suwe	LAKE	51% To 70%	0.10	Sunny	Small Waves	SE	Above Normal	3	2.00

Lake Code	Waterbody	Observations	Other Information	Management
STO	Napa Suwe	First monitor of the season.	Large amounts of filamentous algae on the Lake & along the shorelines.	The Lake Napasuwe Association contracted with Scientific Aquatic to herbicide spray the Lake, which was done during the week of April 16th.
STO	Napa Suwe	First monitor of the season.	Large amounts of filamentous algae on the Lake & along the shorelines.	The Lake Napasuwe Association contracted with Scientific Aquatic to herbicide spray the Lake, which was done during the week of April 16th.
STO	Napa Suwe	First monitor of the season.	Large amounts of filamentous algae on the Lake & along the shorelines.	The Lake Napasuwe Association contracted with Scientific Aquatic to herbicide spray the Lake, which was done during the week of April 16th.
STO	Napa Suwe	May was a very wet month with over 8 inches in the rain gauge.	Large amounts of filamentous algae continue on the Lake. Probably 95% of aquatic plants seen in/on the Lake are Coontail.	No further mgmt. activities since April.
STO	Napa Suwe	May was a very wet month with over 8 inches in the rain gauge.	Large amounts of filamentous algae continue on the Lake. Probably 95% of aquatic plants seen in/on the Lake are Coontail.	No further mgmt. activities since April.
STO	Napa Suwe	May was a very wet month with over 8 inches in the rain gauge.	Large amounts of filamentous algae continue on the Lake. Probably 95% of aquatic plants seen in/on the Lake are Coontail.	No further mgmt. activities since April.
STO	Napa Suwe	Above average rain continues.	Very small amounts of bright green filamentous algae noted on the surface of the Lake. Large amounts of filamentous algae continue to be present. Coontail is the dominant aquatic plant.	No activity
STO	Napa Suwe	Above average rain continues.	Very small amounts of bright green filamentous algae noted on the surface of the Lake. Large amounts of filamentous algae continue to be present. Coontail is the dominant aquatic plant.	No activity

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STO	Napa Suwe	19-May-18	14:50	STO-1	38	FALSE	FALSE	3	12	4.0
STO	Napa Suwe	19-May-18	15:15	STO-2	37	TRUE	FALSE	3	12	3.0
STO	Napa Suwe	19-May-18	15:28	STO-3	44	FALSE	FALSE	2	12	4.0
STO	Napa Suwe	29-May-18	14:05	STO-1	39	FALSE	FALSE	2	12	4.0
STO	Napa Suwe	29-May-18	14:30	STO-2	31	FALSE	TRUE	3	12	3.5
STO	Napa Suwe	29-May-18	14:50	STO-3	45	FALSE	FALSE	2	12	4.5
STO	Napa Suwe	15-Jun-18	15:05	STO-1	51	TRUE	FALSE	2	12	4.0
STO	Napa Suwe	15-Jun-18	15:20	STO-2	41	TRUE	FALSE	2	12	3.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STO	Napa Suwe	LAKE	51% To 70%	0.10	Sunny	Small Waves	SE	Above Normal	3	2.00
STO	Napa Suwe	LAKE	51% To 70%	0.20	Sunny	Small Waves	NW	Above Normal	8	2.00
STO	Napa Suwe	LAKE	51% To 70%	0.20	Sunny	Small Waves	NW	Above Normal	8	2.00
STO	Napa Suwe	LAKE	51% To 70%	0.20	Sunny	Small Waves	NW	Above Normal	8	2.00
STO	Napa Suwe	LAKE	51% To 70%	0.00	Sunny	Small Waves	W	Above Normal	2	2.00
STO	Napa Suwe	LAKE	51% To 70%	0.00	Sunny	Small Waves	W	Above Normal	2	2.00
STO	Napa Suwe	LAKE	51% To 70%	0.00	Sunny	Small Waves	W	Above Normal	2	2.00
STO	Napa Suwe	LAKE	51% To 70%	0.00	Overcast	Small Waves	NE	Normal or Full	0	3.00
STO	Napa Suwe	LAKE	51% To 70%	0.00	Overcast	Small Waves	NE	Normal or Full	0	3.00
STO	Napa Suwe	LAKE	51% To 70%	0.00	Overcast	Small Waves	NE	Normal or Full	0	3.00

Lake Code	Waterbody	Observations	Other Information	Management
STO	Napa Suwe	Above average rain continues.	Very small amounts of bright green filamentous algae noted on the surface of the Lake. Large amounts of filamentous algae continue to be present. Coontail is the dominant aquatic plant.	No activity
STO	Napa Suwe	June was a very wet month with 13 inches in the rain gauge.	Amount of filamentous algae is significantly reduced on the Lake.	No activity
STO	Napa Suwe	June was a very wet month with 13 inches in the rain gauge.	Amount of filamentous algae is significantly reduced on the Lake.	No activity
STO	Napa Suwe	June was a very wet month with 13 inches in the rain gauge.	Amount of filamentous algae is significantly reduced on the Lake.	No activity
STO	Napa Suwe	Less than 1/2 in. of rain so far in July.	Coontail continues to be the dominant aquatic plant. No filamentous algae seen.	No activity
STO	Napa Suwe	Less than 1/2 in. of rain so far in July.	Coontail continues to be the dominant aquatic plant. No filamentous algae seen.	No activity
STO	Napa Suwe	Less than 1/2 in. of rain so far in July.	Coontail continues to be the dominant aquatic plant. No filamentous algae seen.	No activity
STO	Napa Suwe	Only about one inch of rain during the month of July!	The fish eating birds, particularly Cormorants & Terns, continue their presence on the Lake. However, only two herons can be seen regularly, which seems abnormally low.	No activity
STO	Napa Suwe	Only about one inch of rain during the month of July!	The fish eating birds, particularly Cormorants & Terns, continue their presence on the Lake. However, only two herons can be seen regularly, which seems abnormally low.	No activity
STO	Napa Suwe	Only about one inch of rain during the month of July!	The fish eating birds, particularly Cormorants & Terns, continue their presence on the Lake. However, only two herons can be seen regularly, which seems abnormally low.	No activity

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STO	Napa Suwe	15-Jun-18	15:35	STO-3	41	FALSE	TRUE	3	12	4.5
STO	Napa Suwe	02-Jul-18	11:50	STO-1	27	FALSE	FALSE	2	12	4.0
STO	Napa Suwe	02-Jul-18	12:10	STO-2	28	FALSE	FALSE	1	12	4.0
STO	Napa Suwe	02-Jul-18	12:35	STO-3	36	FALSE	FALSE	3	12	4.5
STO	Napa Suwe	15-Jul-18	15:55	STO-1	16	FALSE	FALSE	1	12	4.0
STO	Napa Suwe	15-Jul-18	16:15	STO-2	15	FALSE	FALSE	2	12	3.5
STO	Napa Suwe	15-Jul-18	16:37	STO-3	21	FALSE	FALSE	3	12	4.0
STO	Napa Suwe	31-Jul-18	12:02	STO-1	14	FALSE	FALSE	2	12	3.5
STO	Napa Suwe	31-Jul-18	12:35	STO-2	15	FALSE	FALSE	2	12	3.0
STO	Napa Suwe	31-Jul-18	12:47	STO-3	17	FALSE	FALSE	3	12	4.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STO	Napa Suwe	LAKE	26% To 50%	0.10	Partly Cloudy	Calm/Ripple	NE	Below Normal	3	3.00
STO	Napa Suwe	LAKE	26% To 50%	0.10	Partly Cloudy	Calm/Ripple	NE	Below Normal	3	3.00
STO	Napa Suwe	LAKE	26% To 50%	0.10	Partly Cloudy	Calm/Ripple	NE	Below Normal	3	3.00
STO	Napa Suwe	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Above Normal	1	4.00
STO	Napa Suwe	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Above Normal	1	4.00
STO	Napa Suwe	LAKE	26% To 50%	0.00	Partly Cloudy	Small Waves	W	Above Normal	1	4.00
STO	Napa Suwe	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	2	2.00
STO	Napa Suwe	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	2	2.00
STO	Napa Suwe	LAKE	51% To 70%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	2	2.00

Lake Code	Waterbody	Observations	Other Information	Management
STO	Napa Suwe	Rainfall continues below normal.	Coontail is the dominant aquatic plant in the Lake & the amount seen is less than two weeks ago. This decrease may be due to less sunlight.	No activity.
STO	Napa Suwe	Rainfall continues below normal.	Coontail is the dominant aquatic plant in the Lake & the amount seen is less than two weeks ago. This decrease may be due to less sunlight.	No activity.
STO	Napa Suwe	Rainfall continues below normal.	Coontail is the dominant aquatic plant in the Lake & the amount seen is less than two weeks ago. This decrease may be due to less sunlight.	No activity.
STO	Napa Suwe	August ended with above average rainfall of over 7 inches.	The Cormorant count has declined from six to only two birds on the Lake.	No activity.
STO	Napa Suwe	August ended with above average rainfall of over 7 inches.	The Cormorant count has declined from six to only two birds on the Lake.	No activity.
STO	Napa Suwe	August ended with above average rainfall of over 7 inches.	The Cormorant count has declined from six to only two birds on the Lake.	No activity.
STO	Napa Suwe	Heavy rains occurred during the Labor Day weekend, which may have caused the significant plant increase.	The amount of Coontail plants in the Lake is up significantly in the last two weeks.	No activity
STO	Napa Suwe	Heavy rains occurred during the Labor Day weekend, which may have caused the significant plant increase.	The amount of Coontail plants in the Lake is up significantly in the last two weeks.	No activity
STO	Napa Suwe	Heavy rains occurred during the Labor Day weekend, which may have caused the significant plant increase.	The amount of Coontail plants in the Lake is up significantly in the last two weeks.	No activity

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STO	Napa Suwe	16-Aug-18	12:42	STO-1	13	FALSE	FALSE	1	12	3.5
STO	Napa Suwe	16-Aug-18	12:58	STO-2	12	FALSE	FALSE	1	12	3.0
STO	Napa Suwe	16-Aug-18	13:10	STO-3	13	FALSE	FALSE	2	12	3.5
STO	Napa Suwe	31-Aug-18	13:58	STO-1	13	FALSE	FALSE	1	12	3.5
STO	Napa Suwe	31-Aug-18	14:14	STO-2	15	FALSE	FALSE	1	12	3.0
STO	Napa Suwe	31-Aug-18	14:23	STO-3	21	FALSE	FALSE	2	12	4.0
STO	Napa Suwe	16-Sep-18	12:50	STO-1	34	FALSE	FALSE	3	12	3.5
STO	Napa Suwe	16-Sep-18	13:07	STO-2	28	FALSE	FALSE	3	12	3.0
STO	Napa Suwe	16-Sep-18	13:20	STO-3	28	FALSE	TRUE	4	12	4.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
STO	Napa Suwe	LAKE	26% To 50%	0.50	Partly Cloudy	Moderate Waves	S	Above Normal	5	2.00
STO	Napa Suwe	LAKE	26% To 50%	0.50	Partly Cloudy	Moderate Waves	S	Above Normal	5	2.00
STO	Napa Suwe	LAKE	26% To 50%	0.50	Partly Cloudy	Moderate Waves	S	Above Normal	5	2.00
STO	Napa Suwe	LAKE	5% To 25%	0.00	Sunny	Small Waves	W	Above Normal	2	2.00
STO	Napa Suwe	LAKE	5% To 25%	0.00	Sunny	Small Waves	W	Above Normal	2	2.00
STO	Napa Suwe	LAKE	5% To 25%	0.00	Sunny	Small Waves	W	Above Normal	2	2.00
RNZO	New Thompson	JACKSON	Less Than 5%	2.00	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00
RNZO	New Thompson	JACKSON	Less Than 5%	2.00	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00
RNZO	New Thompson	JACKSON	Less Than 5%	2.00	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.25	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	2.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.25	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	2.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.25	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	2.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	5	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	5	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	5	1.00

Lake Code	Waterbody	Observations	Other Information	Management
STO	Napa Suwe	Sept. also had above ave. rainfall of over 8 inches.	Coontail growth is declining in the Lake with very few plants seen at the water surface. But, lots are still growing on the Lake bottom.	No activity.
STO	Napa Suwe	Sept. also had above ave. rainfall of over 8 inches.	Coontail growth is declining in the Lake with very few plants seen at the water surface. But, lots are still growing on the Lake bottom.	No activity.
STO	Napa Suwe	Sept. also had above ave. rainfall of over 8 inches.	Coontail growth is declining in the Lake with very few plants seen at the water surface. But, lots are still growing on the Lake bottom.	No activity.
STO	Napa Suwe	Rainfall is above average in the first two weeks of Oct. The migrating geese counts have declined after being way up in Sept.	Amount of aquatic plants continues to decline.	No activity
STO	Napa Suwe	Rainfall is above average in the first two weeks of Oct. The migrating geese counts have declined after being way up in Sept.	Amount of aquatic plants continues to decline.	No activity
STO	Napa Suwe	Rainfall is above average in the first two weeks of Oct. The migrating geese counts have declined after being way up in Sept.	Amount of aquatic plants continues to decline.	No activity
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson	Very calm.		Site 1 near 2 aerators- lowest O2 at all strata.
RNZO	New Thompson	Very calm.		Site 1 near 2 aerators- lowest O2 at all strata.
RNZO	New Thompson	Very calm.		Site 1 near 2 aerators- lowest O2 at all strata.
RNZO	New Thompson			APP. Alum, sulfurs, & green- small amount to test.
RNZO	New Thompson			APP. Alum, sulfurs, & green- small amount to test.
RNZO	New Thompson			APP. Alum, sulfurs, & green- small amount to test.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
STO	Napa Suwe	03-Oct-18	13:25	STO-1	36	FALSE	FALSE	1	12	4.0
STO	Napa Suwe	03-Oct-18	13:40	STO-2	34	FALSE	FALSE	1	12	3.5
STO	Napa Suwe	03-Oct-18	01:35	STO-3	45	FALSE	TRUE	2	12	4.5
STO	Napa Suwe	18-Oct-18	14:25	STO-1	44	TRUE	FALSE	1	12	3.5
STO	Napa Suwe	18-Oct-18	14:39	STO-2	37	TRUE	FALSE	1	12	3.0
STO	Napa Suwe	18-Oct-18	14:47	STO-3	50	TRUE	FALSE	2	12	4.0
RNZO	New Thompson	19-May-18	10:51	RNZO-1	72	FALSE	FALSE	0	4	19.0
RNZO	New Thompson	19-May-18	11:06	RNZO-2	64	FALSE	FALSE	0	3	7.5
RNZO	New Thompson	19-May-18	11:14	RNZO-3	49	FALSE	FALSE	0	3	7.0
RNZO	New Thompson	13-Jun-18	13:30	RNZO-1	28	FALSE	FALSE	1	17	15.0
RNZO	New Thompson	13-Jun-18	12:55	RNZO-2	31	FALSE	FALSE	1	8	14.0
RNZO	New Thompson	13-Jun-18	13:50	RNZO-3	29	FALSE	FALSE	0	17	11.0
RNZO	New Thompson	15-Jun-18	15:10	RNZO-1	33	FALSE	FALSE	0	6	2.5
RNZO	New Thompson	15-Jun-18	15:24	RNZO-2	31	FALSE	FALSE	0	6	7.0
RNZO	New Thompson	15-Jun-18	15:40	RNZO-3	31	FALSE	FALSE	0	6	9.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RNZO	New Thompson	JACKSON	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	4	1.00
RNZO	New Thompson	JACKSON	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	4	1.00
RNZO	New Thompson	JACKSON	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	4	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	4	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	4	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	SE	Below Normal	4	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Below Normal	4	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Below Normal	4	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Below Normal	4	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.00
RNZO	New Thompson	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	1.00
WTO	NICC Pond	LAKE	No Selection	0.00	Overcast	Calm/Ripple	SW	Normal or Full	0	1.00
WTO	NICC Pond	LAKE	No Selection	0.92	Hazy	Calm/Ripple	NE	Normal or Full	0	1.00
WTO	NICC Pond	LAKE	No Selection	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	1.00
WTO	NICC Pond	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	6	1.00
RTUA	Nippersink	LAKE	No Selection	0.50	Partly Cloudy	Calm/Ripple	NW	No Selection	0	1.00
RTUA	Nippersink	LAKE	No Selection	0.50	Partly Cloudy	Calm/Ripple	NW	No Selection	0	1.00
RTUA	Nippersink	LAKE	5% To 25%	0.00	Hazy	Calm/Ripple	NW	Normal or Full	0	1.00
RTUA	Nippersink	LAKE	5% To 25%	0.00	Hazy	Calm/Ripple	NW	Normal or Full	0	1.00
RTUA	Nippersink	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Normal or Full	0	1.00
RTUA	Nippersink	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Normal or Full	0	1.00
RTUA	Nippersink	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RTUA	Nippersink	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RTUA	Nippersink	LAKE	5% To 25%	0.00	Hazy	Small Waves	SW	Above Normal	0	1.00
RTUA	Nippersink	LAKE	5% To 25%	0.00	Hazy	Small Waves	SW	Above Normal	0	1.00
RTUA	Nippersink	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RTUA	Nippersink	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RTUA	Nippersink	LAKE	Less Than 5%	0.25	Sunny	Small Waves	SW	Above Normal	0	1.00
RTUA	Nippersink	LAKE	Less Than 5%	0.25	Sunny	Small Waves	SW	Above Normal	0	1.00
RDF	Otter	MACOUPIN	Less Than 5%	0.40	Overcast	Calm/Ripple	S	Normal or Full	0	6.00
RDF	Otter	MACOUPIN	Less Than 5%	0.40	Overcast	Calm/Ripple	S	Normal or Full	0	6.00
RDF	Otter	MACOUPIN	Less Than 5%	0.40	Overcast	Calm/Ripple	S	Normal or Full	0	6.00

Lake Code	Waterbody	Observations	Other Information	Management
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson			
RNZO	New Thompson		Algae has disappeared	
RNZO	New Thompson		Algae has disappeared	
RNZO	New Thompson		Algae has disappeared	
WTO	NICC Pond	measured water level on southwest pier post water to line below top of post		Aquatic plant treatment on 5/15/18. Aerator running since April
WTO	NICC Pond	Rained in the morning, done by 5:00 am. Aerator running. water level up 0.5 inches	plant coverage 26-50% Water Marigold, Coontail, Watermeal, Duckweed	Plant treatment on 6/14/18 for watermeal. Pond was completely covered with watermeal at that time
WTO	NICC Pond		approximately 25% coverage of watermeal	Plant treatment done on Wednesday 6/27/18
WTO	NICC Pond	Aerators running. a tree has fallen into the north end of the pond	very little watermeal on pond	Pond treated on 7/25/18
RTUA	Nippersink			
RTUA	Nippersink			
RTUA	Nippersink		lotus present on nippersink	
RTUA	Nippersink		lotus present on nippersink	
RTUA	Nippersink	heavy rains earlier in month		
RTUA	Nippersink	heavy rains earlier in month		
RTUA	Nippersink		lotus coming back	
RTUA	Nippersink		lotus coming back	
RTUA	Nippersink			
RTUA	Nippersink			
RTUA	Nippersink			
RTUA	Nippersink	rainy may		
RTUA	Nippersink	rainy may		
RDF	Otter			
RDF	Otter			
RDF	Otter			

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RNZO	New Thompson	24-Jul-18	15:26	RNZO-1	21	FALSE	FALSE	0	6	18.0
RNZO	New Thompson	24-Jul-18	15:40	RNZO-2	22	FALSE	FALSE	0	6	7.0
RNZO	New Thompson	24-Jul-18	15:55	RNZO-3	24	FALSE	FALSE	0	6	8.0
RNZO	New Thompson	08-Aug-18	12:24	RNZO-1	36	FALSE	FALSE	0	7	18.0
RNZO	New Thompson	08-Aug-18	12:35	RNZO-2	41	FALSE	FALSE	0	7	8.0
RNZO	New Thompson	08-Aug-18	12:45	RNZO-3	42	FALSE	FALSE	0	7	7.0
RNZO	New Thompson	27-Aug-18	14:11	RNZO-1	32	FALSE	FALSE	0	7	17.0
RNZO	New Thompson	27-Aug-18	14:18	RNZO-2	36	FALSE	FALSE	0	7	7.0
RNZO	New Thompson	27-Aug-18	14:30	RNZO-3	33	FALSE	FALSE	0	7	10.0
RNZO	New Thompson	12-Sep-18	12:57	RNZO-1	37	FALSE	FALSE	0	8	18.0
RNZO	New Thompson	12-Sep-18	13:08	RNZO-2	36	FALSE	FALSE	0	8	10.0
RNZO	New Thompson	12-Sep-18	13:15	RNZO-3	36	FALSE	FALSE	0	8	7.0
WTO	NICC Pond	25-May-18	19:11	WTO-1	54	FALSE	FALSE	0	13	9.5
WTO	NICC Pond	16-Jun-18	13:09	WTO-1	53	FALSE	FALSE	0	13	9.5
WTO	NICC Pond	30-Jun-18	11:33	WTO-1	54	FALSE	FALSE	1	13	10.0
WTO	NICC Pond	04-Aug-18	10:37	WTO-1	32	FALSE	FALSE	0	13	9.0
RTUA	Nippersink	20-Sep-18	09:00	RTUA-1	19	FALSE	FALSE	0	13	7.5
RTUA	Nippersink	20-Sep-18	00:92	RTUA-3	21	FALSE	FALSE	0	12	4.5
RTUA	Nippersink	27-Aug-18	07:45	RTUA-1	17	FALSE	FALSE	0	13	7.5
RTUA	Nippersink	27-Aug-18	07:50	RTUA-3	21	FALSE	FALSE	0	13	13.0
RTUA	Nippersink	09-Aug-18	07:30	RTUA-1	19	FALSE	FALSE	0	13	7.5
RTUA	Nippersink	09-Aug-18	07:35	RTUA-3	19	FALSE	FALSE	0	13	4.5
RTUA	Nippersink	27-Jul-18	07:55	RTUA-1	18	FALSE	FALSE	0	12	7.5
RTUA	Nippersink	27-Jul-18	08:00	RTUA-3	20	FALSE	FALSE	0	12	4.5
RTUA	Nippersink	12-Jul-18	07:30	RTUA-1	19	FALSE	FALSE	0	12	7.5
RTUA	Nippersink	12-Jul-18	07:40	RTUA-3	20	FALSE	FALSE	0	12	4.5
RTUA	Nippersink	14-Jun-18	07:45	RTUA-1	20	FALSE	FALSE	0	12	7.5
RTUA	Nippersink	14-Jun-18	07:50	RTUA-3	24	FALSE	FALSE	0	13	4.5
RTUA	Nippersink	31-May-18	07:50	RTUA-1	20	FALSE	FALSE	0	13	7.5
RTUA	Nippersink	31-May-18	07:58	RTUA-3	21	FALSE	FALSE	0	13	4.5
RDF	Otter	09-May-18	10:32	RDF-1	48	FALSE	FALSE	0	12	49.0
RDF	Otter	09-May-18	10:58	RDF-2	40	FALSE	FALSE	0	12	31.0
RDF	Otter	09-May-18	11:40	RDF-3	18	FALSE	FALSE	0	12	8.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RDF	Otter	MACOUPIN	Less Than 5%	0.40	Overcast	Calm/Ripple	S	Normal or Full	0	6.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NE	Normal or Full	0	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	4	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	4	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	4	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	4	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	4	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	4	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	4	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	4	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	6	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	6	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	6	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	6	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Small Waves	S	Below Normal	6	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Small Waves	S	Below Normal	6	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Small Waves	S	Below Normal	6	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Sunny	Small Waves	S	Below Normal	6	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	8	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	8	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	8	4.00
RDF	Otter	MACOUPIN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Below Normal	8	4.00
RCG	Paradise	COLES	Less Than 5%	0.50	Sunny	Calm/Ripple	N	Normal or Full	0	8.00
RCG	Paradise	COLES	Less Than 5%	0.50	Sunny	Calm/Ripple	N	Normal or Full	0	8.00
RCG	Paradise	COLES	Less Than 5%	0.50	Sunny	Calm/Ripple	N	Normal or Full	0	8.00
RCG	Paradise	COLES	Less Than 5%	0.00	Sunny	Calm/Ripple	N			8.00
RCG	Paradise	COLES	Less Than 5%	0.00	Sunny	Calm/Ripple	N			8.00
RCG	Paradise	COLES	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	8.00
RCG	Paradise	COLES	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	8.00
RCG	Paradise	COLES	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	8.00
RBL	Paris Twin East	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	4.00
RBL	Paris Twin East	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			RIP RAPPING
RDF	Otter			RIP RAPPING
RDF	Otter			RIP RAPPING
RDF	Otter			RIP RAPPING
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RDF	Otter			
RCG	Paradise			
RCG	Paradise			
RCG	Paradise			
RCG	Paradise		Duckweed Present	Pumping into lake from Lake Mattoon
RCG	Paradise		Duckweed Present	Pumping into lake from Lake Mattoon
RCG	Paradise		Duckweed Present	Pumping into lake from Lake Mattoon
RCG	Paradise			
RCG	Paradise			
RCG	Paradise			
RBL	Paris Twin East			
RBL	Paris Twin East			

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RDF	Otter	09-May-18	11:15	RDF-4	30	FALSE	FALSE	0	12	29.0
RDF	Otter	18-May-18	10:15	RDF-1	43	FALSE	FALSE	0	12	49.0
RDF	Otter	18-May-18	10:45	RDF-2	35	FALSE	FALSE	0	12	31.0
RDF	Otter	18-May-18	11:30	RDF-3	22	FALSE	FALSE	0	12	8.0
RDF	Otter	18-May-18	11:00	RDF-4	25	FALSE	FALSE	0	13	29.0
RDF	Otter	06-Jun-18	09:39	RDF-1	41	FALSE	FALSE	0	12	49.0
RDF	Otter	06-Jun-18	10:01	RDF-2	35	FALSE	FALSE	0	20	29.0
RDF	Otter	06-Jun-18	10:43	RDF-3	17	FALSE	FALSE	0	12	8.0
RDF	Otter	06-Jun-18	10:21	RDF-4	29	FALSE	FALSE	0	12	28.5
RDF	Otter	05-Jul-18	10:12	RDF-1	35	FALSE	FALSE	0	12	49.0
RDF	Otter	05-Jul-18	10:34	RDF-2	25	FALSE	FALSE	0	12	29.0
RDF	Otter	05-Jul-18	11:07	RDF-3	19	FALSE	FALSE	0	12	7.5
RDF	Otter	05-Jul-18	10:59	RDF-4	30	FALSE	FALSE	0	12	27.0
RDF	Otter	18-Jul-18	09:50	RDF-1	36	FALSE	FALSE	0	20	47.0
RDF	Otter	18-Jul-18	10:26	RDF-2	42	FALSE	FALSE	0	12	30.0
RDF	Otter	18-Jul-18	10:46	RDF-3	20	FALSE	FALSE	0	12	8.0
RDF	Otter	18-Jul-18	11:07	RDF-4	30	FALSE	FALSE	0	12	29.0
RDF	Otter	02-Aug-18	10:04	RDF-1	30	FALSE	FALSE	0	12	49.0
RDF	Otter	02-Aug-18	10:31	RDF-2	31	FALSE	FALSE	0	12	29.0
RDF	Otter	02-Aug-18	11:17	RDF-3	20	FALSE	FALSE	0	12	8.0
RDF	Otter	02-Aug-18	10:50	RDF-4	26	FALSE	FALSE	0	12	28.5
RDF	Otter	16-Aug-18	09:19	RDF-1	35	FALSE	FALSE	0	12	49.0
RDF	Otter	16-Aug-18	09:38	RDF-2	35	FALSE	FALSE	0	12	29.0
RDF	Otter	16-Aug-18	10:17	RDF-3	15	FALSE	FALSE	0	12	7.0
RDF	Otter	16-Aug-18	09:54	RDF-4	27	FALSE	FALSE	0	12	28.0
RCG	Paradise	23-May-18	11:53	RCG-1	14	FALSE	FALSE	0	2	16.0
RCG	Paradise	23-May-18	11:40	RCG-2	14	FALSE	FALSE	0	13	8.0
RCG	Paradise	23-May-18	11:30	RCG-3	13	FALSE	FALSE	0	3	2.5
RCG	Paradise	04-Jun-18	12:19	RCG-1	27	FALSE	FALSE	0	12	16.0
RCG	Paradise	04-Jun-18	12:09	RCG-2	17	FALSE	FALSE	0	3	8.0
RCG	Paradise	04-Jun-18	12:04	RCG-3	13	FALSE	FALSE	0	13	3.0
RCG	Paradise	09-Jul-18	10:40	RCG-1	11	FALSE	FALSE	0	4	15.5
RCG	Paradise	09-Jul-18	10:15	RCG-2	11	FALSE	FALSE	0	4	6.5
RCG	Paradise	09-Jul-18	10:03	RCG-3	6	FALSE	FALSE	0	14	2.5
RBL	Paris Twin East	24-May-18	10:47	RBL-1	24	FALSE	FALSE		14	20.0
RBL	Paris Twin East	24-May-18	11:10	RBL-2	18	FALSE	FALSE		14	18.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RBL	Paris Twin East	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	4.00
RBL	Paris Twin East	EDGAR	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	1	2.00
RBL	Paris Twin East	EDGAR	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	1	2.00
RBL	Paris Twin East	EDGAR	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	1	2.00
RBL	Paris Twin East	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	2.00
RBL	Paris Twin East	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	2.00
RBL	Paris Twin East	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	2.00
RBX	Paris Twin West	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	4.00
RBX	Paris Twin West	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	4.00
RBX	Paris Twin West	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1	4.00
RBX	Paris Twin West	EDGAR	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	1	2.00
RBX	Paris Twin West	EDGAR	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	1	2.00
RBX	Paris Twin West	EDGAR	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	1	2.00
RBX	Paris Twin West	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	2.00
RBX	Paris Twin West	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	2.00
RBX	Paris Twin West	EDGAR	Less Than 5%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	2.00
REL	Petersburg	MENARD	Less Than 5%	3.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	2	2.00
REL	Petersburg	MENARD	Less Than 5%	3.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	2	2.00
REL	Petersburg	MENARD	Less Than 5%	3.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	2	2.00
REL	Petersburg	MENARD	Less Than 5%	0.25	Partly Cloudy	Small Waves	SE	Normal or Full	0	2.00
REL	Petersburg	MENARD	Less Than 5%	0.25	Partly Cloudy	Small Waves	SE	Normal or Full	0	2.00
REL	Petersburg	MENARD	Less Than 5%	0.25	Partly Cloudy	Small Waves	SE	Normal or Full	0	2.00
REL	Petersburg	MENARD	Less Than 5%	1.00	Sunny	Small Waves	W	Normal or Full	0	2.00
REL	Petersburg	MENARD	Less Than 5%	1.00	Sunny	Small Waves	W	Normal or Full	0	2.00
REL	Petersburg	MENARD	Less Than 5%	1.00	Sunny	Small Waves	W	Normal or Full	0	2.00
VTW	Petite	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	1.00
VTW	Petite	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	1.00
VTW	Petite	LAKE	Less Than 5%	0.50	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
VTW	Petite	LAKE	Less Than 5%	0.50	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RPZB	Pine	LEE	No Selection	0.10	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
RBL	Paris Twin East			
RBL	Paris Twin East			
RBL	Paris Twin East			
RBL	Paris Twin East			
RBL	Paris Twin East			
RBL	Paris Twin East			
RBL	Paris Twin East			
RBX	Paris Twin West			
RBX	Paris Twin West			
RBX	Paris Twin West			
RBX	Paris Twin West			
RBX	Paris Twin West			
RBX	Paris Twin West			
RBX	Paris Twin West			
RBX	Paris Twin West			
REL	Petersburg	heavy boat traffic over holiday weekend		
REL	Petersburg	heavy boat traffic over holiday weekend		
REL	Petersburg	heavy boat traffic over holiday weekend		
REL	Petersburg	none	none	none
REL	Petersburg	none	none	none
REL	Petersburg	none	none	none
REL	Petersburg		water milfoil, water willow	
REL	Petersburg		water milfoil, water willow	
REL	Petersburg		water milfoil, water willow	
VTW	Petite			
VTW	Petite			
VTW	Petite			
VTW	Petite			
RPZB	Pine		Surface water temperature - 66 degrees F, filamentous algae along entire shoreline, curlyleaf pondweed, coontail present, 9 adult Canada geese and 3 goslings present	Pond aerator has been off through winter and into spring.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RBL	Paris Twin East	24-May-18	10:57	RBL-3	16	FALSE	FALSE		13	7.0
RBL	Paris Twin East	19-Jun-18	12:15	RBL-1	24	FALSE	FALSE	0	16	21.0
RBL	Paris Twin East	19-Jun-18	12:35	RBL-2	26	FALSE	FALSE	0	16	16.0
RBL	Paris Twin East	19-Jun-18	12:25	RBL-3	26	FALSE	FALSE	0	16	7.0
RBL	Paris Twin East	18-Jul-18	12:40	RBL-1	13	FALSE	FALSE	0	15	20.0
RBL	Paris Twin East	18-Jul-18	13:00	RBL-2	12	FALSE	FALSE	0	14	14.0
RBL	Paris Twin East	18-Jul-18	12:50	RBL-3	11	FALSE	FALSE	0	15	7.0
RBX	Paris Twin West	24-May-18	12:25	RBX-1	17	FALSE	FALSE		16	13.0
RBX	Paris Twin West	24-May-18	12:35	RBX-2	24	FALSE	FALSE		14	11.0
RBX	Paris Twin West	24-May-18	12:45	RBX-3	19	FALSE	FALSE		16	7.0
RBX	Paris Twin West	19-Jun-18	12:50	RBX-1	34	FALSE	FALSE	0	15	12.0
RBX	Paris Twin West	19-Jun-18	13:00	RBX-2	30	FALSE	FALSE	0	15	11.0
RBX	Paris Twin West	19-Jun-18	13:10	RBX-3	24	FALSE	FALSE	0	16	8.0
RBX	Paris Twin West	18-Jul-18	13:30	RBL-1	16	FALSE	FALSE	0	8	11.0
RBX	Paris Twin West	18-Jul-18	13:40	RBL-2	14	FALSE	FALSE	0	8	9.0
RBX	Paris Twin West	18-Jul-18	13:50	RBL-3	14	FALSE	FALSE	0	9	6.5
REL	Petersburg	31-May-18	10:05	REL-1	76	FALSE	FALSE	0	8	51.0
REL	Petersburg	31-May-18	10:27	REL-2	88	FALSE	FALSE	0	8	34.0
REL	Petersburg	31-May-18	10:40	REL-3	86	FALSE	FALSE	0	8	29.0
REL	Petersburg	02-Jul-18	10:38	REL-1	72	FALSE	FALSE	0	8	55.0
REL	Petersburg	02-Jul-18	10:18	REL-2	60	FALSE	FALSE	0	8	42.0
REL	Petersburg	02-Jul-18	10:06	REL-3	54	FALSE	FALSE	0	8	29.0
REL	Petersburg	02-Aug-18	10:40	REL-1	82	FALSE	FALSE	0	17	59.0
REL	Petersburg	02-Aug-18	10:15	REL-2	66	FALSE	FALSE	0	8	42.0
REL	Petersburg	02-Aug-18	10:00	REL-3	60	FALSE	FALSE	0	8	29.0
VTW	Petite	15-Jun-18	09:05	VTW-1	20	FALSE	FALSE	0	13	14.0
VTW	Petite	15-Jun-18	09:15	VTW-3	22	FALSE	FALSE	0	13	10.0
VTW	Petite	20-Sep-18	11:00	VTW-1	25	FALSE	FALSE	0	17	11.0
VTW	Petite	20-Sep-18	11:10	VTW-3	23	FALSE	FALSE	0	17	9.5
RPZB	Pine	07-May-18	09:35	RPZB-1	65	FALSE	FALSE	0	13	14.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZB	Pine	LEE	No Selection	0.10	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RPZB	Pine	LEE	No Selection	0.10	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RPZB	Pine	LEE	No Selection	0.60	Overcast	Calm/Ripple	NONE	Normal or Full	0	0.50
RPZB	Pine	LEE	No Selection	0.60	Overcast	Calm/Ripple	NONE	Normal or Full	0	0.50
RPZB	Pine	LEE	No Selection	0.60	Overcast	Calm/Ripple	NONE	Normal or Full	0	0.50
RPZB	Pine	LEE	No Selection	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPZB	Pine	LEE	No Selection	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPZB	Pine	LEE	No Selection	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPZB	Pine	LEE	No Selection	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
RPZB	Pine		Surface water temperature - 66 degrees F, filamentous algae along entire shoreline, curlyleaf pondweed, coontail present, 9 adult Canada geese and 3 goslings present	Pond aerator has been off through winter and into spring.
RPZB	Pine		Surface water temperature - 66 degrees F, filamentous algae along entire shoreline, curlyleaf pondweed, coontail present, 9 adult Canada geese and 3 goslings present	Pond aerator has been off through winter and into spring.
RPZB	Pine		Filamentous algae abundant, curlyleaf pondweed present, milfoil sp., vegetation along shoreline, 6 adult Canada geese on lake.	Lake aerator not operating.
RPZB	Pine		Filamentous algae abundant, curlyleaf pondweed present, milfoil sp., vegetation along shoreline, 6 adult Canada geese on lake.	Lake aerator not operating.
RPZB	Pine		Filamentous algae abundant, curlyleaf pondweed present, milfoil sp., vegetation along shoreline, 6 adult Canada geese on lake.	Lake aerator not operating.
RPZB	Pine	none	Grass clippings on water surface from shoreline mowing, watermeal sp. present on lake surface	spot treatment conducted on 5/23/18 along main lake shoreline and in finger using Cutrine Ultra and Reward
RPZB	Pine	none	Grass clippings on water surface from shoreline mowing, watermeal sp. present on lake surface	spot treatment conducted on 5/23/18 along main lake shoreline and in finger using Cutrine Ultra and Reward
RPZB	Pine	none	Grass clippings on water surface from shoreline mowing, watermeal sp. present on lake surface	spot treatment conducted on 5/23/18 along main lake shoreline and in finger using Cutrine Ultra and Reward
RPZB	Pine	Heavy rains throughout the period with high heat.	Floating filamentous algae mats along shoreline. Coontail, milfoil sp., pondweed sp.	None

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZB	Pine	07-May-18	09:41	RPZB-2	67	FALSE	FALSE	0	13	7.0
RPZB	Pine	07-May-18	09:47	RPZB-3	84	FALSE	FALSE	0	13	7.5
RPZB	Pine	22-May-18	09:30	RPZB-1	96	FALSE	FALSE	0	20	13.0
RPZB	Pine	22-May-18	09:37	RPZB-2	94	FALSE	FALSE	0	20	8.5
RPZB	Pine	22-May-18	09:41	RPZB-3	80	FALSE	FALSE	0	20	8.0
RPZB	Pine	04-Jun-18	11:07	RPZB-1	42	FALSE	FALSE	0	13	14.0
RPZB	Pine	04-Jun-18	11:21	RPZB-2	41	FALSE	FALSE	0	13	10.5
RPZB	Pine	04-Jun-18	11:25	RPZB-3	43	FALSE	FALSE	0	13	8.0
RPZB	Pine	29-Jun-18	08:30	RPZB-1	48	FALSE	FALSE	0	13	16.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZB	Pine	LEE	No Selection	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	0.50
RPZB	Pine	LEE	No Selection	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.00
RPZB	Pine	LEE	5% To 25%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
RPZB	Pine	Heavy rains throughout the period with high heat.	Floating filamentous algae mats along shoreline. Coontail, milfoil sp., pondweed sp.	None
RPZB	Pine	Heavy rains throughout the period with high heat.	Floating filamentous algae mats along shoreline. Coontail, milfoil sp., pondweed sp.	None
RPZB	Pine	Hot/Humid and dry	Filamentous algae present along the shoreline with a lot in the back of finger.	Spot treated on July 2 using cutrine ultra and Reward in 2 locations in front of the overflow and at the boat launch.
RPZB	Pine	Hot/Humid and dry	Filamentous algae present along the shoreline with a lot in the back of finger.	Spot treated on July 2 using cutrine ultra and Reward in 2 locations in front of the overflow and at the boat launch.
RPZB	Pine	Hot/Humid and dry	Filamentous algae present along the shoreline with a lot in the back of finger.	Spot treated on July 2 using cutrine ultra and Reward in 2 locations in front of the overflow and at the boat launch.
RPZB	Pine		Aquatic vegetation noted: watermeal sp., filamentous algae, milfoil sp., coontail, pondweed sp., arrowhead plant, rush sp.	None
RPZB	Pine		Aquatic vegetation noted: watermeal sp., filamentous algae, milfoil sp., coontail, pondweed sp., arrowhead plant, rush sp.	None
RPZB	Pine		Aquatic vegetation noted: watermeal sp., filamentous algae, milfoil sp., coontail, pondweed sp., arrowhead plant, rush sp.	None
RPZB	Pine		Coontail, Watermeal sp., Filamentous algae, Rush sp., Milfoil sp., Pondweed sp. watermeal is becoming abundant	none
RPZB	Pine		Coontail, Watermeal sp., Filamentous algae, Rush sp., Milfoil sp., Pondweed sp. watermeal is becoming abundant	none

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZB	Pine	29-Jun-18	08:51	RPZB-2	49	FALSE	FALSE	0	13	9.5
RPZB	Pine	29-Jun-18	08:55	RPZB-3	52	FALSE	FALSE	1	13	8.0
RPZB	Pine	11-Jul-18	10:53	RPZB-1	69	FALSE	FALSE	0	13	14.0
RPZB	Pine	11-Jul-18	11:08	RPZB-2	76	FALSE	FALSE	0	13	7.5
RPZB	Pine	11-Jul-18	11:11	RPZB-3	70	FALSE	FALSE	0	13	8.0
RPZB	Pine	24-Jul-18	09:07	RPZB-1	35	FALSE	FALSE	0	12	16.0
RPZB	Pine	24-Jul-18	09:28	RPZB-2	39	FALSE	FALSE	0	12	8.0
RPZB	Pine	24-Jul-18	09:34	RPZB-3	41	FALSE	FALSE	2	12	6.0
RPZB	Pine	02-Aug-18	11:16	RPZB-1	50	FALSE	FALSE	0	13	13.5
RPZB	Pine	02-Aug-18	11:33	RPZB-2	37	FALSE	FALSE	0	13	9.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZB	Pine	LEE	5% To 25%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SSW	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SSW	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SSW	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.39	Partly Cloudy	Small Waves	SW	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.39	Partly Cloudy	Small Waves	SW	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.39	Partly Cloudy	Small Waves	SW	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.57	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.57	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.57	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
RPZB	Pine		Coontail, Watermeal sp., Filamentous algae, Rush sp., Milfoil sp., Pondweed sp. watermeal is becoming abundant	none
RPZB	Pine	watermeal sp - abundant Duckweed sp Pondweed sp Coontail Rush sp Arrowhead		Harvesting 8/8-8/14 weekdays
RPZB	Pine	watermeal sp - abundant Duckweed sp Pondweed sp Coontail Rush sp Arrowhead		Harvesting 8/8-8/14 weekdays
RPZB	Pine	watermeal sp - abundant Duckweed sp Pondweed sp Coontail Rush sp Arrowhead		Harvesting 8/8-8/14 weekdays
RPZB	Pine		Pondweed sp., coontail, watermeal sp., Rush sp., filamentous algae along shoreline.	none
RPZB	Pine		Pondweed sp., coontail, watermeal sp., Rush sp., filamentous algae along shoreline.	none
RPZB	Pine		Pondweed sp., coontail, watermeal sp., Rush sp., filamentous algae along shoreline.	none
RPZB	Pine	None	Pondweed sp., watermeal sp., coontail, Rush sp.	Harvesting 9/19-21 & 9/27-28
RPZB	Pine	None	Pondweed sp., watermeal sp., coontail, Rush sp.	Harvesting 9/19-21 & 9/27-28
RPZB	Pine	None	Pondweed sp., watermeal sp., coontail, Rush sp.	Harvesting 9/19-21 & 9/27-28
RPZB	Pine	Significant precipitation over the Columbus Day weekend with up to 3 inches measured.	Coontail, Pondweed sp., watermeal, filamentous algae	None

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZB	Pine	02-Aug-18	11:37	RPZB-3	38	FALSE	FALSE	0	13	8.0
RPZB	Pine	23-Aug-18	7:55	RPZB-1	33	FALSE	FALSE	0	12	16.5
RPZB	Pine	23-Aug-18	8:07	RPZB-2	35	FALSE	FALSE	0	12	10.0
RPZB	Pine	23-Aug-18	8:11	RPZB-3	48	FALSE	FALSE		12	8.0
RPZB	Pine	05-Sep-18	11:39	RPZB-1	58	FALSE	FALSE	0	13	13.0
RPZB	Pine	05-Sep-18	11:54	RPZB-2	53	FALSE	FALSE	0	13	9.0
RPZB	Pine	05-Sep-18	11:58	RPZB-3	56	FALSE	FALSE	1	13	8.0
RPZB	Pine	27-Sep-18	10:27	RPZB-1	84	FALSE	FALSE	0	13	14.0
RPZB	Pine	27-Sep-18	10:43	RPZB-2	79	FALSE	FALSE	0	13	9.5
RPZB	Pine	27-Sep-18	10:49	RPZB-3	88	FALSE	FALSE	1	13	8.0
RPZB	Pine	09-Oct-18	11:09	RPZB-1	45	FALSE	FALSE	0	13	13.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZB	Pine	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPZB	Pine	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	SW	Normal or Full	0	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	SW	Normal or Full	0	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Partly Cloudy	Moderate Waves	SW	Normal or Full	0	1.50

Lake Code	Waterbody	Observations	Other Information	Management
RPZB	Pine	Significant precipitation over the Columbus Day weekend with up to 3 inches measured.	Coontail, Pondweed sp., watermeal, filamentous algae	None
RPZB	Pine	Significant precipitation over the Columbus Day weekend with up to 3 inches measured.	Coontail, Pondweed sp., watermeal, filamentous algae	None
RPZB	Pine	none	Aquatic vegetation present: coontail, milfoil sp., filamentous algae	None
RPZB	Pine	none	Aquatic vegetation present: coontail, milfoil sp., filamentous algae	None
RPZB	Pine	none	Aquatic vegetation present: coontail, milfoil sp., filamentous algae	None
RPZI	Richardson Wildlife	Cool, Dry Spring to this point.	-Secchi color readings affected by aquashade blue dye. Temp = 59.5' F ; 15.5' C D.O. = 10.5 PPM; 112% Sat Some Horned Pondweed <6" tall	4/19/17 half the lake treated w 150 lbs Copper Sulfate 4/27/18 other half the lake treated w 150 lbs Copper Sulfate Aeration system not on for the season yet. Lake has not yet turned over.
RPZI	Richardson Wildlife	Cool, Dry Spring to this point.	-Secchi color readings affected by aquashade blue dye. Temp = 59.5' F ; 15.5' C D.O. = 10.5 PPM; 112% Sat Some Horned Pondweed <6" tall	4/19/17 half the lake treated w 150 lbs Copper Sulfate 4/27/18 other half the lake treated w 150 lbs Copper Sulfate Aeration system not on for the season yet. Lake has not yet turned over.
RPZI	Richardson Wildlife	Cool, Dry Spring to this point.	-Secchi color readings affected by aquashade blue dye. Temp = 59.5' F ; 15.5' C D.O. = 10.5 PPM; 112% Sat Some Horned Pondweed <6" tall	4/19/17 half the lake treated w 150 lbs Copper Sulfate 4/27/18 other half the lake treated w 150 lbs Copper Sulfate Aeration system not on for the season yet. Lake has not yet turned over.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZB	Pine	09-Oct-18	11:24	RPZB-2	52	FALSE	FALSE	0	13	8.5
RPZB	Pine	09-Oct-18	11:29	RPZB-3	55	FALSE	FALSE	2	13	8.5
RPZB	Pine	18-Oct-18	11:07	RPZB-1	40	FALSE	FALSE	0	13	16.5
RPZB	Pine	18-Oct-18	11:24	RPZB-2	39	FALSE	FALSE	0	13	9.5
RPZB	Pine	18-Oct-18	11:27	RPZB-3	43	FALSE	FALSE	0	13	8.0
RPZI	Richardson Wildlife	01-May-18	11:45	RPZI-1	51	FALSE	FALSE	0	20	7.5
RPZI	Richardson Wildlife	01-May-18	11:55	RPZI-2	51	TRUE	FALSE	0	20	7.5
RPZI	Richardson Wildlife	01-May-18	12:08	RPZI-3	50	TRUE	FALSE	1	20	4.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZI	Richardson Wildlife	LEE	No Selection	1.10	Sunny	Small Waves	SW	Above Normal	2	2.00
RPZI	Richardson Wildlife	LEE	No Selection	1.10	Sunny	Small Waves	SW	Above Normal	2	2.00
RPZI	Richardson Wildlife	LEE	No Selection	1.10	Sunny	Small Waves	SW	Above Normal	2	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RPZI	Richardson Wildlife		<p>D.O.: 7.36 PPM, 109.4% Saturation Temp = 80.3' F; 26.9' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Pithophera Algae</p>	<p>-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Treated on 4/27/18 w 150 lb copper sulfate crystals. 5/7 treated w 100lb copper sulfate crystals, 1 G aquastrike, 1.25G Aquaprep, 5G Aquashade 5/15 treated w 240 lbs Harpoon, 3G Amp 5/18 treated w 2.5G Aquashade, 1G Cutrine Ultra, 0.66 Clearigate, 1.5G Reward, 1.25G Amp</p>
RPZI	Richardson Wildlife		<p>D.O.: 7.36 PPM, 109.4% Saturation Temp = 80.3' F; 26.9' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Pithophera Algae</p>	<p>-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Treated on 4/27/18 w 150 lb copper sulfate crystals. 5/7 treated w 100lb copper sulfate crystals, 1 G aquastrike, 1.25G Aquaprep, 5G Aquashade 5/15 treated w 240 lbs Harpoon, 3G Amp 5/18 treated w 2.5G Aquashade, 1G Cutrine Ultra, 0.66 Clearigate, 1.5G Reward, 1.25G Amp</p>
RPZI	Richardson Wildlife		<p>D.O.: 7.36 PPM, 109.4% Saturation Temp = 80.3' F; 26.9' C -Secchi color readings affected by aquashade blue dye. Horned Pondweed, Pithophera Algae</p>	<p>-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Treated on 4/27/18 w 150 lb copper sulfate crystals. 5/7 treated w 100lb copper sulfate crystals, 1 G aquastrike, 1.25G Aquaprep, 5G Aquashade 5/15 treated w 240 lbs Harpoon, 3G Amp 5/18 treated w 2.5G Aquashade, 1G Cutrine Ultra, 0.66 Clearigate, 1.5G Reward, 1.25G Amp</p>

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZI	Richardson Wildlife	31-May-18	10:28	RPZI-1	55	FALSE	FALSE	0	1	7.5
RPZI	Richardson Wildlife	31-May-18	10:39	RPZI-2	68	FALSE	FALSE	0	1	8.0
RPZI	Richardson Wildlife	31-May-18	10:42	RPZI-3	56	TRUE	FALSE	0	1	4.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZI	Richardson Wildlife	LEE	Less Than 5%	3.00	Sunny	Small Waves	W	Above Normal	3	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	3.00	Sunny	Small Waves	W	Above Normal	3	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	3.00	Sunny	Small Waves	W	Above Normal	3	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.50	Partly Cloudy	Small Waves	W	Above Normal	2	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.50	Partly Cloudy	Small Waves	W	Above Normal	2	1.50

Lake Code	Waterbody	Observations	Other Information	Management
RPZI	Richardson Wildlife	5.5" rain in last 5 days	D.O. 7.49 PPM; 91.5% Saturation Temp: 72.4°F ; 22.3°C -Secchi color readings affected by aquashade blue dye. Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. 5/31/18 treated with 7.5G Aquathol K; 2.5G Cutrine Ultra; 2.5G Clearigate; 5G Amp; 2.5G Aquaprep
RPZI	Richardson Wildlife	5.5" rain in last 5 days	D.O. 7.49 PPM; 91.5% Saturation Temp: 72.4°F ; 22.3°C -Secchi color readings affected by aquashade blue dye. Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. 5/31/18 treated with 7.5G Aquathol K; 2.5G Cutrine Ultra; 2.5G Clearigate; 5G Amp; 2.5G Aquaprep
RPZI	Richardson Wildlife	5.5" rain in last 5 days	D.O. 7.49 PPM; 91.5% Saturation Temp: 72.4°F ; 22.3°C -Secchi color readings affected by aquashade blue dye. Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. 5/31/18 treated with 7.5G Aquathol K; 2.5G Cutrine Ultra; 2.5G Clearigate; 5G Amp; 2.5G Aquaprep
RPZI	Richardson Wildlife	Above Avg Precip for June	-Secchi color readings affected by aquashade blue dye. D.O. - 9.44 PPM; 121.8% Saturation Temp: 78.0' F; 25.5' C some Horned pondweed, pithophera algae, small amt of emergent cattails and sedges and reed canarygrass	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom.
RPZI	Richardson Wildlife	Above Avg Precip for June	-Secchi color readings affected by aquashade blue dye. D.O. - 9.44 PPM; 121.8% Saturation Temp: 78.0' F; 25.5' C some Horned pondweed, pithophera algae, small amt of emergent cattails and sedges and reed canarygrass	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZI	Richardson Wildlife	13-Jun-18	09:25	RPZI-1	52	FALSE	FALSE	0	1	6.5
RPZI	Richardson Wildlife	13-Jun-18	09:34	RPZI-2	48	FALSE	FALSE	0	1	8.0
RPZI	Richardson Wildlife	13-Jun-18	09:40	RPZI-3	51	FALSE	FALSE	1	1	5.0
RPZI	Richardson Wildlife	27-Jun-18	12:56	RPZI-1	41	FALSE	FALSE	0	8	6.0
RPZI	Richardson Wildlife	27-Jun-18	13:07	RPZI-2	48	FALSE	FALSE	0	1	7.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.50	Partly Cloudy	Small Waves	W	Above Normal	2	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	1.50
RPZI	Richardson Wildlife	LEE	5% To 25%	0.10	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RPZI	Richardson Wildlife	Above Avg Precip for June	-Secchi color readings affected by aquashade blue dye. D.O. - 9.44 PPM; 121.8% Saturation Temp: 78.0' F; 25.5' C some Horned pondweed, pithophera algae, small amt of emergent cattails and sedges and reed canarygrass	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom.
RPZI	Richardson Wildlife		-Secchi color readings affected by aquashade blue dye. D.O. 7.8 PPM; 105% Saturation Temp 83' F; 28' C Plankton Algae building up, horned pondweed, pithophera Algae, some cattails and RCG emergent	-Lake has continuous Aeration by 10 airstone diffusers on lake bottom. treated 6-27 w 5g cutrine ultra, 1.5g clearigate, 2.5g aquaprep, 1g Amp treated 7-5 w 30lb cutrine plus and 5g aquashade
RPZI	Richardson Wildlife		-Secchi color readings affected by aquashade blue dye. D.O. 7.8 PPM; 105% Saturation Temp 83' F; 28' C Plankton Algae building up, horned pondweed, pithophera Algae, some cattails and RCG emergent	-Lake has continuous Aeration by 10 airstone diffusers on lake bottom. treated 6-27 w 5g cutrine ultra, 1.5g clearigate, 2.5g aquaprep, 1g Amp treated 7-5 w 30lb cutrine plus and 5g aquashade
RPZI	Richardson Wildlife		-Secchi color readings affected by aquashade blue dye. D.O. 7.8 PPM; 105% Saturation Temp 83' F; 28' C Plankton Algae building up, horned pondweed, pithophera Algae, some cattails and RCG emergent	-Lake has continuous Aeration by 10 airstone diffusers on lake bottom. treated 6-27 w 5g cutrine ultra, 1.5g clearigate, 2.5g aquaprep, 1g Amp treated 7-5 w 30lb cutrine plus and 5g aquashade
RPZI	Richardson Wildlife		D.O. 7.44 PPM; 95.1% Saturation Temp: 76.2'F, 24.0' C Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass, some filamentous and planktonic algae	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. -Secchi color readings affected by aquashade blue dye. 7/10/18 treated with 3.75G Cutrine Ultra, 1.125G Clearigate, 2G Aquaprep

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZI	Richardson Wildlife	27-Jun-18	13:25	RPZI-3	50	TRUE	FALSE	0	1	4.0
RPZI	Richardson Wildlife	10-Jul-18	09:22	RPZI-1	24	FALSE	FALSE	0	2	7.0
RPZI	Richardson Wildlife	10-Jul-18	09:31	RPZI-2	23	FALSE	FALSE	0	1	7.0
RPZI	Richardson Wildlife	10-Jul-18	09:43	RPZI-3	24	FALSE	FALSE	0	2	4.0
RPZI	Richardson Wildlife	24-Jul-18	09:46	RPZI-1	32	FALSE	FALSE	0	6	5.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZI	Richardson Wildlife	LEE	5% To 25%	0.10	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00
RPZI	Richardson Wildlife	LEE	5% To 25%	0.10	Sunny	Calm/Ripple	NW	Normal or Full	0	2.00
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	3	3.00
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	3	3.00
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	3	3.00

Lake Code	Waterbody	Observations	Other Information	Management
RPZI	Richardson Wildlife		D.O. 7.44 PPM; 95.1% Saturation Temp: 76.2°F, 24.0° C Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass, some filamentous and planktonic algae	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. -Secchi color readings affected by aquashade blue dye. 7/10/18 treated with 3.75G Cutrine Ultra, 1.125G Clearigate, 2G Aquaprep
RPZI	Richardson Wildlife		D.O. 7.44 PPM; 95.1% Saturation Temp: 76.2°F, 24.0° C Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass, some filamentous and planktonic algae	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. -Secchi color readings affected by aquashade blue dye. 7/10/18 treated with 3.75G Cutrine Ultra, 1.125G Clearigate, 2G Aquaprep
RPZI	Richardson Wildlife	Planktonic algae increase. pea colored	D.O. 9.37 PPM, 124.3% saturation Temp 80.5° F, 27.4° C -Secchi color readings affected by aquashade blue dye. Plankton Algae, dead / dying pithophera, small amounts of horned pondweed, few cattails, reed canarygrass fringe	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Treated on 8/1/18 with 2.5G aquastrike, 5G cutrine ultra, 1.5G Clearigate, 5G aquashade, and 1.5G Aquaprep
RPZI	Richardson Wildlife	Planktonic algae increase. pea colored	D.O. 9.37 PPM, 124.3% saturation Temp 80.5° F, 27.4° C -Secchi color readings affected by aquashade blue dye. Plankton Algae, dead / dying pithophera, small amounts of horned pondweed, few cattails, reed canarygrass fringe	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Treated on 8/1/18 with 2.5G aquastrike, 5G cutrine ultra, 1.5G Clearigate, 5G aquashade, and 1.5G Aquaprep
RPZI	Richardson Wildlife	Planktonic algae increase. pea colored	D.O. 9.37 PPM, 124.3% saturation Temp 80.5° F, 27.4° C -Secchi color readings affected by aquashade blue dye. Plankton Algae, dead / dying pithophera, small amounts of horned pondweed, few cattails, reed canarygrass fringe	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Treated on 8/1/18 with 2.5G aquastrike, 5G cutrine ultra, 1.5G Clearigate, 5G aquashade, and 1.5G Aquaprep

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZI	Richardson Wildlife	24-Jul-18	09:57	RPZI-2	27	FALSE	FALSE	0	6	8.0
RPZI	Richardson Wildlife	24-Jul-18	10:05	RPZI-3	28	FALSE	FALSE	0	6	5.0
RPZI	Richardson Wildlife	14-Aug-18	09:00	RPZI-1	18	FALSE	FALSE	0	9	7.5
RPZI	Richardson Wildlife	14-Aug-18	09:15	RPZI-2	20	FALSE	FALSE	0	9	7.0
RPZI	Richardson Wildlife	14-Aug-18	09:22	RPZI-3	21	FALSE	FALSE	0	9	4.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Overcast	Small Waves	SW	Below Normal	2	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Overcast	Small Waves	SW	Below Normal	2	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.00	Overcast	Small Waves	SW	Below Normal	2	1.50
RPZI	Richardson Wildlife	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.50
RPZI	Richardson Wildlife	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.50

Lake Code	Waterbody	Observations	Other Information	Management
RPZI	Richardson Wildlife	Hot weather	-Secchi color readings affected by aquashade blue dye. D.O. 8.3 PPM, 107.4% saturation Temp 78.1°F, 25.9° C	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Pond treated on 8-14-18 with 5G Cutrine Ultra, 1.5G Clearigate, 1.5G Aquaprep
RPZI	Richardson Wildlife	Hot weather	-Secchi color readings affected by aquashade blue dye. D.O. 8.3 PPM, 107.4% saturation Temp 78.1°F, 25.9° C	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Pond treated on 8-14-18 with 5G Cutrine Ultra, 1.5G Clearigate, 1.5G Aquaprep
RPZI	Richardson Wildlife	Hot weather	-Secchi color readings affected by aquashade blue dye. D.O. 8.3 PPM, 107.4% saturation Temp 78.1°F, 25.9° C	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Pond treated on 8-14-18 with 5G Cutrine Ultra, 1.5G Clearigate, 1.5G Aquaprep
RPZI	Richardson Wildlife		D.O. 7.2 PPM, 91.1% Saturation Temp 76.2° F, 24.2° C Pithophera Algae ~15% of lake, floating or submerged, some Horned Pondweed in <3' depths. Small amount of Emergent cattails and sedges on edges. -Secchi color readings affected by aquashade blue dye.	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Pond Treated on 8/30/18 w 5G Cutrine, 3G Clearigate, 50lb copper sulfate crystals
RPZI	Richardson Wildlife		D.O. 7.2 PPM, 91.1% Saturation Temp 76.2° F, 24.2° C Pithophera Algae ~15% of lake, floating or submerged, some Horned Pondweed in <3' depths. Small amount of Emergent cattails and sedges on edges. -Secchi color readings affected by aquashade blue dye.	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Pond Treated on 8/30/18 w 5G Cutrine, 3G Clearigate, 50lb copper sulfate crystals

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZI	Richardson Wildlife	28-Aug-18	11:41	RPZI-1	26	FALSE	FALSE	0	1	7.5
RPZI	Richardson Wildlife	28-Aug-18	11:47	RPZI-2	26	FALSE	FALSE	0	1	7.5
RPZI	Richardson Wildlife	28-Aug-18	11:58	RPZI-3	26	FALSE	FALSE	0	1	4.0
RPZI	Richardson Wildlife	17-Sep-18	10:37	RPZI-1	37	FALSE	FALSE	0	1	6.0
RPZI	Richardson Wildlife	17-Sep-18	10:48	RPZI-2	36	FALSE	FALSE	0	1	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZI	Richardson Wildlife	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	1.50
RPZI	Richardson Wildlife	LEE	5% To 25%	0.20	Overcast	Small Waves	SE	Below Normal	2	2.00
RPZI	Richardson Wildlife	LEE	5% To 25%	0.20	Overcast	Small Waves	SE	Below Normal	2	2.00
RPZI	Richardson Wildlife	LEE	5% To 25%	0.20	Overcast	Small Waves	SE	Below Normal	2	2.00
RPZI	Richardson Wildlife	LEE	5% To 25%	0.25	No Selection	Small Waves	SW	Above Normal	1	1.50

Lake Code	Waterbody	Observations	Other Information	Management
RPZI	Richardson Wildlife		D.O. 7.2 PPM, 91.1% Saturation Temp 76.2° F, 24.2° C Pithophera Algae ~15% of lake, floating or submerged, some Horned Pondweed in <3' depths. Small amount of Emergent cattails and sedges on edges. -Secchi color readings affected by aquashade blue dye.	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Pond Treated on 8/30/18 w 5G Cutrine, 3G Clearigate, 50lb copper sulfate crystals
RPZI	Richardson Wildlife		D.O. 9.4 PPM, 102% Saturation Temp 60.7° F, 15.7° C Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Pithophera algae, minor horned pondweed, minor emergent cattails, sedges, reed canarygrass	Treated 9-19-18 w 2g Clearigate, & 2.5g Cutrine Ultra Lake has continuous Aeration by 10 airstone diffusers on Lake bottom.
RPZI	Richardson Wildlife		D.O. 9.4 PPM, 102% Saturation Temp 60.7° F, 15.7° C Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Pithophera algae, minor horned pondweed, minor emergent cattails, sedges, reed canarygrass	Treated 9-19-18 w 2g Clearigate, & 2.5g Cutrine Ultra Lake has continuous Aeration by 10 airstone diffusers on Lake bottom.
RPZI	Richardson Wildlife		D.O. 9.4 PPM, 102% Saturation Temp 60.7° F, 15.7° C Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Pithophera algae, minor horned pondweed, minor emergent cattails, sedges, reed canarygrass	Treated 9-19-18 w 2g Clearigate, & 2.5g Cutrine Ultra Lake has continuous Aeration by 10 airstone diffusers on Lake bottom.
RPZI	Richardson Wildlife		-Secchi color readings affected by aquashade blue dye. Pithophera Algae, Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass D.O. 12.5 PPM, 118.4% Saturation Temp 49.0° F, 9.2° C	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Treated for Pithophera algae on 10-2-18 with 5 G Cutrine Ultra, 2 G Clearigate, and 120 lb Cutrine Plus powder

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZI	Richardson Wildlife	17-Sep-18	11:09	RPZI-3	38	FALSE	FALSE	0	1	4.5
RPZI	Richardson Wildlife	01-Oct-18	11:30	RPZI-1	43	FALSE	FALSE	0	6	6.0
RPZI	Richardson Wildlife	01-Oct-18	11:41	RPZI-2	44	FALSE	FALSE	0	6	8.0
RPZI	Richardson Wildlife	01-Oct-18	11:56	RPZI-3	40	FALSE	FALSE	0	6	4.0
RPZI	Richardson Wildlife	16-Oct-18	09:48	RPZI-1	48	FALSE	FALSE	0	1	6.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZI	Richardson Wildlife	LEE	5% To 25%	0.25	No Selection	Small Waves	SW	Above Normal	1	1.50
RPZI	Richardson Wildlife	LEE	5% To 25%	0.25	No Selection	Small Waves	SW	Above Normal	1	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.20	Overcast	Small Waves	S	Above Normal	1	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.20	Overcast	Small Waves	S	Above Normal	1	1.50
RPZI	Richardson Wildlife	LEE	Less Than 5%	0.20	Overcast	Small Waves	S	Above Normal	1	1.50
WBE	River Bend	VERMILION	Less Than 5%	0.00	Overcast	Calm/Ripple	South	Normal or Full	0	1.00
WBE	River Bend	VERMILION	Less Than 5%	1.50	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RPZI	Richardson Wildlife		-Secchi color readings affected by aquashade blue dye. Pithophera Algae, Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass D.O. 12.5 PPM, 118.4% Saturation Temp 49.0 ° F, 9.2° C	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Treated for Pithophera algae on 10-2-18 with 5 G Cutrine Ultra, 2 G Clearigate, and 120 lb Cutrine Plus powder
RPZI	Richardson Wildlife		-Secchi color readings affected by aquashade blue dye. Pithophera Algae, Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass D.O. 12.5 PPM, 118.4% Saturation Temp 49.0 ° F, 9.2° C	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Treated for Pithophera algae on 10-2-18 with 5 G Cutrine Ultra, 2 G Clearigate, and 120 lb Cutrine Plus powder
RPZI	Richardson Wildlife		D.O. 11.93 PPM, 110.3% Saturation Temp 46.6° F, 8.5° C -Secchi color readings affected by aquashade blue dye. Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Lake treated on 10/18/18 with 5G Cutrine Ultra, 1.5G Clearigate, 0.375G Reward
RPZI	Richardson Wildlife		D.O. 11.93 PPM, 110.3% Saturation Temp 46.6° F, 8.5° C -Secchi color readings affected by aquashade blue dye. Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Lake treated on 10/18/18 with 5G Cutrine Ultra, 1.5G Clearigate, 0.375G Reward
RPZI	Richardson Wildlife		D.O. 11.93 PPM, 110.3% Saturation Temp 46.6° F, 8.5° C -Secchi color readings affected by aquashade blue dye. Horned pondweed, small amt of emergent cattails and sedges and reed canarygrass	-Lake has continuous Aeration by 10 airstone diffusers on Lake bottom. Lake treated on 10/18/18 with 5G Cutrine Ultra, 1.5G Clearigate, 0.375G Reward
WBE	River Bend		Aquashade applied 7 days ago	
WBE	River Bend	Heavy rain last night	Surface water temp: 71.6F Duckweed and filamentous algae along shoreline	-Aquashade -Aeration Copper sulfate spot treatments

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZI	Richardson Wildlife	16-Oct-18	10:02	RPZI-2	43	FALSE	FALSE	0	1	7.5
RPZI	Richardson Wildlife	16-Oct-18	10:15	RPZI-3	43	FALSE	FALSE	0	1	4.0
RPZI	Richardson Wildlife	30-Oct-18	09:16	RPZI-1	70	FALSE	FALSE	0	20	6.5
RPZI	Richardson Wildlife	30-Oct-18	09:22	RPZI-2	70	FALSE	FALSE	0	20	6.5
RPZI	Richardson Wildlife	30-Oct-18	09:40	RPZI-3	54	TRUE	FALSE	0	20	4.5
WBE	River Bend	09-May-18	11:01	WBE-1	81	FALSE	FALSE	0		24.0
WBE	River Bend	19-May-18	12:30	WBE-1	58	FALSE	FALSE	0	0	24.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
WBE	River Bend	VERMILION	26% To 50%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
WBE	River Bend	VERMILION	51% To 70%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	2.00
WBE	River Bend	VERMILION	51% To 70%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	2.00
WBE	River Bend	VERMILION	Greater than 70%	0.00	Sunny	Calm/Ripple	NW	Below Normal	3	2.00
WBE	River Bend	VERMILION	5% To 25%	1.50	Sunny	Calm/Ripple	SW	Normal or Full	0	2.00
WBE	River Bend	VERMILION	26% To 50%	0.00	Overcast	Calm/Ripple	NONE	Normal or Full	0	2.00
WBE	River Bend	VERMILION	51% To 70%	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	2.00
WBE	River Bend	VERMILION	51% To 70%	1.50	Overcast	Calm/Ripple	NONE	Normal or Full	0	2.00
RTH	Round	LAKE	No Selection	0.00	Sunny	Calm/Ripple	NW	No Selection	0	1.00
RTH	Round	LAKE	No Selection	0.00	Sunny	Calm/Ripple	NW	No Selection	0	1.00
RTH	Round	LAKE	No Selection	0.00	Sunny	Calm/Ripple	NW	No Selection	0	1.00
RTH	Round	LAKE	No Selection	0.00	Overcast	Small Waves	NE	No Selection	0	1.00
RTH	Round	LAKE	No Selection	0.00	Overcast	Small Waves	NE	No Selection	0	1.00
RTH	Round	LAKE	No Selection	0.00	Overcast	Small Waves	NE	No Selection	0	1.00
RTH	Round	LAKE	5% To 25%	0.86	Partly Cloudy	Calm/Ripple	NONE	Below Normal	0.5	1.00
RTH	Round	LAKE	5% To 25%	0.86	Partly Cloudy	Calm/Ripple	NONE	Below Normal	0.5	1.00
RTH	Round	LAKE	5% To 25%	0.86	Partly Cloudy	Calm/Ripple	NONE	Below Normal	0.5	1.00
RTH	Round	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	1	1.00
RTH	Round	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	1	1.00
RTH	Round	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	1	1.00
RTH	Round	LAKE	5% To 25%	0.00	Overcast	Moderate Waves	SW	Below Normal	1.1	2.00
RTH	Round	LAKE	5% To 25%	0.00	Overcast	Moderate Waves	SW	Below Normal	1.1	2.00
RTH	Round	LAKE	5% To 25%	0.00	Overcast	Moderate Waves	SW	Below Normal	1.1	2.00
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	No Selection	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
WBE	River Bend		Surface water temperature: 75.2 F Duckweed over 50% of lake surface	Aeration
WBE	River Bend		Surface water temp = 86 F Duckweed over 50% of surface Phosphate concentration = 0.60 mg/L	Aquashade 2 weeks ago
WBE	River Bend		Surface water temp = 80.6F Phosphate = 0.48 mg/L	
WBE	River Bend		Duckweed covering most of lake	Aeration, Bacteria pellets for muck
WBE	River Bend			Aeration
WBE	River Bend		Duckweed Phosphate: 0.39 mg/mL	Aeration
WBE	River Bend			Aeration
WBE	River Bend		Duckweed	Aeration
RTH	Round			
RTH	Round			
RTH	Round			
RTH	Round	weather changed dramatically during readings, shift to East wind		
RTH	Round	weather changed dramatically during readings, shift to East wind		
RTH	Round	weather changed dramatically during readings, shift to East wind		
RTH	Round			
RTH	Round			
RTH	Round			
RTH	Round	heavy rain in the last week	quiet today after heavy recreational use over the weekend	
RTH	Round	heavy rain in the last week	quiet today after heavy recreational use over the weekend	
RTH	Round	heavy rain in the last week	quiet today after heavy recreational use over the weekend	
RTH	Round	recreational use light today (heavy on weekend)		
RTH	Round	recreational use light today (heavy on weekend)		
RTH	Round	recreational use light today (heavy on weekend)		
RTH	Round	definite increase in plant growth since July 12, 2018 reading.		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
WBE	River Bend	06-Jun-18	13:57	WBE-1	60	FALSE	FALSE	0	19	22.5
WBE	River Bend	01-Jul-18	13:00	WBE-1	48	FALSE	FALSE	-1	19	23.5
WBE	River Bend	25-Jul-18	11:30	WBE-1	41	FALSE	FALSE	3	8	23.0
WBE	River Bend	06-Aug-18	11:00	WBE-1	42	FALSE	FALSE	0	17	24.0
WBE	River Bend	22-Aug-18	11:25	WBE-1	58	FALSE	FALSE	0	0	24.0
WBE	River Bend	22-Sep-18	14:20	WBE-1	71	FALSE	FALSE	0	17	24.0
WBE	River Bend	30-Sep-18	14:20	WBE-1	90	FALSE	FALSE	0	8	24.0
WBE	River Bend	13-Oct-18	16:45	WBE-1	91	FALSE	FALSE	0	8	24.0
RTH	Round	07-May-18	11:12	RTH-1	80	FALSE	FALSE	0	2	31.0
RTH	Round	07-May-18	11:40	RTH-2	76	FALSE	FALSE		1	17.5
RTH	Round	07-May-18	11:55	RTH-3	44	FALSE	FALSE			3.5
RTH	Round	31-May-18	14:23	RTH-1	91	FALSE	FALSE	1	5	30.0
RTH	Round	31-May-18	14:36	RTH-2	92	FALSE	FALSE	0	6	17.5
RTH	Round	31-May-18	14:56	RTH-3	52	TRUE	FALSE	2	10	3.5
RTH	Round	09-Jun-18	13:09	RTH-1	91	FALSE	FALSE	0	5	28.5
RTH	Round	09-Jun-18	12:58	RTH-2	92	FALSE	FALSE	0	19	17.5
RTH	Round	09-Jun-18	12:28	RTH-3	36	FALSE	FALSE	1	16	3.5
RTH	Round	25-Jun-18	08:50	RTH-1	50	FALSE	FALSE	0	5	28.5
RTH	Round	25-Jun-18	08:44	RTH-2	45	FALSE	FALSE	0	19	18.0
RTH	Round	25-Jun-18	08:32	RTH-3	20	FALSE	FALSE	0	10	4.0
RTH	Round	12-Jul-18	13:55	RTH-1	46	FALSE	FALSE	0	6	28.0
RTH	Round	12-Jul-18	13:40	RTH-2	44	FALSE	FALSE	0	5	17.5
RTH	Round	12-Jul-18	13:30	RTH-3	36	FALSE	FALSE	0	5	4.0
RTH	Round	25-Jul-18	10:24	RTH-1	49	FALSE	FALSE	0	6	26.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	No Selection	0	2.00
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	W	No Selection	0	2.00
RTH	Round	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NW	Below Normal	0	1.00
RTH	Round	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NW	Below Normal	0	1.00
RTH	Round	LAKE	5% To 25%	0.00	Partly Cloudy	Small Waves	NW	Below Normal	0	1.00
RTH	Round	LAKE	5% To 25%	0.00	Overcast	Small Waves	W	Below Normal	0.04	1.00
RTH	Round	LAKE	5% To 25%	0.00	Overcast	Small Waves	W	Below Normal	0.04	1.00
RTH	Round	LAKE	5% To 25%	0.00	Overcast	Small Waves	W	Below Normal	0.04	1.00
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	1.00
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	1.00
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	1.00
RTH	Round	LAKE	5% To 25%	0.00	Partly Cloudy	Moderate Waves	SE	No Selection	0	1.00
RTH	Round	LAKE	5% To 25%	0.00	Partly Cloudy	Moderate Waves	SE	No Selection	0	1.00
RTH	Round	LAKE	5% To 25%	0.00	Partly Cloudy	Moderate Waves	SE	No Selection	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RTH	Round	definite increase in plant growth since July 12, 2018 reading.		
RTH	Round	definite increase in plant growth since July 12, 2018 reading.		
RTH	Round	rained (mostly drizzle today) Significant plant growth (less than 5% top out)	15 mph winds	
RTH	Round	rained (mostly drizzle today) Significant plant growth (less than 5% top out)	15 mph winds	
RTH	Round	rained (mostly drizzle today) Significant plant growth (less than 5% top out)	15 mph winds	
RTH	Round	Windy / choppy- Monday after heavy rain 16 mph wind gusts		
RTH	Round	Windy / choppy- Monday after heavy rain 16 mph wind gusts		
RTH	Round	Windy / choppy- Monday after heavy rain 16 mph wind gusts		
RTH	Round		plants at site 3 different or corrupted readings	
RTH	Round		plants at site 3 different or corrupted readings	
RTH	Round		plants at site 3 different or corrupted readings	
RTH	Round	Site 3- could not record total depth due to plants	Sunday high recreation.	
RTH	Round	Site 3- could not record total depth due to plants	Sunday high recreation.	
RTH	Round	Site 3- could not record total depth due to plants	Sunday high recreation.	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTH	Round	25-Jul-18	10:13	RTH-2	47	FALSE	FALSE	0	9	17.0
RTH	Round	25-Jul-18	10:05	RTH-3	38	FALSE	FALSE	1	9	3.5
RTH	Round	21-Aug-18	16:23	RTH-1	61	FALSE	FALSE	0	5	27.5
RTH	Round	21-Aug-18	17:10	RTH-2	69	FALSE	FALSE	-1	5	17.0
RTH	Round	21-Aug-18	16:55	RTH-3	42	TRUE	FALSE	3	6	3.5
RTH	Round	27-Aug-18	13:03	RTH-1	39	FALSE	FALSE	0	5	28.0
RTH	Round	27-Aug-18	12:56	RTH-2	30	FALSE	FALSE	0	5	17.0
RTH	Round	27-Aug-18	13:09	RTH-3	36	FALSE	TRUE	4	16	3.5
RTH	Round	23-Sep-18	10:59	RTH-1	79	FALSE	FALSE	0	11	28.0
RTH	Round	23-Sep-18	10:45	RTH-2	61	FALSE	FALSE	0	6	18.0
RTH	Round	23-Sep-18	11:05	RTH-3	18	FALSE	TRUE	4	17	37.5
RTH	Round	16-Sep-18	14:00	RTH-1	77	FALSE	FALSE	0	10	28.0
RTH	Round	16-Sep-18	13:50	RTH-2	66	FALSE	FALSE	0	11	18.5
RTH	Round	16-Sep-18	14:08	RTH-3	29	FALSE	TRUE	4	7	2.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	2.00
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	3.00
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	3.00
RTH	Round	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	3.00
VGZE	Ruth	DU PAGE	Less Than 5%	0.00	Overcast	Calm/Ripple	E	Below Normal	1	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	0.00	Overcast	Calm/Ripple	E	Above Normal	1	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	1.50	Overcast	Calm/Ripple	NONE	No Selection	0	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	1.50	Overcast	Calm/Ripple	NONE	No Selection	0	1.00
VGZE	Ruth	DU PAGE	No Selection	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	0.50
VGZE	Ruth	DU PAGE	No Selection	0.00	Sunny	Calm/Ripple	SW	Normal or Full	0	0.50
VGZE	Ruth	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	2	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Below Normal	2	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	1	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	1	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	0.00	Sunny	Small Waves	W	Above Normal	1	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	0.00	Sunny	Small Waves	W	Above Normal	1	1.00
VGZE	Ruth	DU PAGE	Less Than 5%	1.20	Partly Cloudy	Calm/Ripple	NE	Above Normal	6	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RTH	Round		october lake coverage of plants substantial but not topped out - water extremely clean!	
RTH	Round		october lake coverage of plants substantial but not topped out - water extremely clean!	
RTH	Round		october lake coverage of plants substantial but not topped out - water extremely clean!	
RTH	Round		extremely clear, minimal boat activity, no rain	
RTH	Round		extremely clear, minimal boat activity, no rain	
RTH	Round		extremely clear, minimal boat activity, no rain	
VGZE	Ruth			
VGZE	Ruth			
VGZE	Ruth			
VGZE	Ruth			
VGZE	Ruth	filamentous aglea	lots of grass clipping	
VGZE	Ruth	filamentous aglea	lots of grass clipping	
VGZE	Ruth			
VGZE	Ruth			
VGZE	Ruth			
VGZE	Ruth			
VGZE	Ruth			
VGZE	Ruth	duckweed - small amount in protected area along north shore		
VGZE	Ruth	duckweed - small amount in protected area along north shore		
VGZE	Ruth		A great blue heron and a cormorant observed.	Canada geese deterrent lights operated at night. Water quality and chlorophyll samples collected at Site 1 by VLMP Coordinator since new lake in the VLMP.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTH	Round	18-Oct-18	09:56	RTH-1	96	FALSE	FALSE	0	15	28.0
RTH	Round	18-Oct-18	10:26	RTH-2	68	FALSE	FALSE	0	5	17.5
RTH	Round	18-Oct-18	09:37	RTH-3	44	FALSE	FALSE	1	6	4.0
RTH	Round	21-Oct-18	11:56	RTH-1	84	FALSE	FALSE	2	5	30.0
RTH	Round	21-Oct-18	12:01	RTH-2	74	FALSE	FALSE	0	16	17.5
RTH	Round	21-Oct-18	11:47	RTH-3	36	FALSE	TRUE	4	17	4.0
VGZE	Ruth	29-May-18	16:30	VGZE-1	21	FALSE	FALSE	0	12	2.0
VGZE	Ruth	29-May-18	16:15	VGZE-1	19	FALSE	FALSE	0	12	2.0
VGZE	Ruth	12-Jun-18	16:30	VGZE-1	23	FALSE	FALSE	0	12	2.5
VGZE	Ruth	12-Jun-18	16:15	VGZE-2	19	FALSE	FALSE	0	12	2.0
VGZE	Ruth	28-Jun-18	13:00	VGZE-1	18	FALSE	FALSE	0	12	2.5
VGZE	Ruth	28-Jun-18	12:45	VGZE-2	12	FALSE	FALSE	0	12	2.0
VGZE	Ruth	11-Jul-18	17:30	VGZE-2	12	FALSE	FALSE	0	12	2.0
VGZE	Ruth	11-Jul-18	17:45	VGZE-1	14	FALSE	FALSE	0	12	2.5
VGZE	Ruth	25-Jul-18	16:45	VGZE-1	12	FALSE	FALSE	0	12	2.5
VGZE	Ruth	25-Jul-18	16:30	VGZE-2	11	FALSE	FALSE	0	12	2.0
VGZE	Ruth	12-Aug-18	15:15	VGZE-1	12	FALSE	FALSE	0	12	2.5
VGZE	Ruth	12-Aug-18	15:00	VGZE-2	12	FALSE	FALSE	0	12	2.0
VGZE	Ruth	23-Aug-18	14:45	VGZE-1	11	FALSE	FALSE	0	12	2.5
VGZE	Ruth	23-Aug-18	14:35	VGZE-2	12	FALSE	FALSE	0	12	2.0
VGZE	Ruth	15-May-18	16:40	VGZE-1	22	FALSE	FALSE	0	12	2.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
VGZE	Ruth	DU PAGE	Less Than 5%	1.20	Partly Cloudy	Calm/Ripple	NE	Above Normal	6	4.00
RGM	Sand	LAKE	51% To 70%	0.63	Overcast	Calm/Ripple	NONE	Normal or Full	0	1.00
RGM	Sand	LAKE	51% To 70%	0.63	Overcast	Calm/Ripple	NONE	Normal or Full	0	1.00
RGM	Sand	LAKE	51% To 70%	0.63	Overcast	Calm/Ripple	NONE	Normal or Full	0	1.00
RGM	Sand	LAKE	51% To 70%	0.00	Partly Cloudy	Small Waves	SE	Below Normal	2.5	1.25

Lake Code	Waterbody	Observations	Other Information	Management
VGZE	Ruth		A great blue heron and a cormorant observed.	Canada geese deterrent lights operated at night. Water quality and chlorophyll samples collected at Site 1 by VLMP Coordinator since new lake in the VLMP.
RGM	Sand		The most filamentous algae I've ever seen on the lake. At site three I found a small spot where I could site the disk to the floor of the lake. I got as close as I could to site 2 (within 20 ft dia., but had problems with GPS and landmark wasn't visible to site without GPS.	Treated approximately a month ago.
RGM	Sand		The most filamentous algae I've ever seen on the lake. At site three I found a small spot where I could site the disk to the floor of the lake. I got as close as I could to site 2 (within 20 ft dia., but had problems with GPS and landmark wasn't visible to site without GPS.	Treated approximately a month ago.
RGM	Sand		The most filamentous algae I've ever seen on the lake. At site three I found a small spot where I could site the disk to the floor of the lake. I got as close as I could to site 2 (within 20 ft dia., but had problems with GPS and landmark wasn't visible to site without GPS.	Treated approximately a month ago.
RGM	Sand	filamentous algae died back.	Had tough time staying in right location at site 1. Carp seem more plentiful. While large bass are still present, bluegills seem larger than usual and there are groups of 10-11 inch bass swimming around.	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
VGZE	Ruth	15-May-18	16:15	VGZE-2	21	FALSE	FALSE	0	12	2.5
RGM	Sand	12-Jun-18	13:58	RGM-1	124	FALSE	FALSE	0	8	28.0
RGM	Sand	12-Jun-18	13:24	RGM-2	161	FALSE	FALSE	0	9	31.0
RGM	Sand	12-Jun-18	13:38	RGM-3	72	TRUE	FALSE	4	17	6.0
RGM	Sand	19-Jul-18	13:45	RGM-1	114	FALSE	FALSE	0	3	27.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGM	Sand	LAKE	51% To 70%	0.00	Partly Cloudy	Small Waves	SE	Below Normal	2.5	1.25
RGM	Sand	LAKE	51% To 70%	0.00	Partly Cloudy	Small Waves	SE	Below Normal	2.5	1.25
RGM	Sand	LAKE	51% To 70%	2.22	Sunny	Small Waves	NE	Below Normal	4	1.00
RGM	Sand	LAKE	51% To 70%	2.22	Sunny	Small Waves	NE	Below Normal	4	1.00
RGM	Sand	LAKE	51% To 70%	2.22	Sunny	Small Waves	NE	Below Normal	4	1.00
RGM	Sand	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	NE	Above Normal	0.5	1.25
RGM	Sand	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	NE	Above Normal	0.5	1.25
RGM	Sand	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	NE	Above Normal	0.5	1.25
RGM	Sand	LAKE	51% To 70%	0.13	Sunny	Moderate Waves	SW	Below Normal	1	1.50
RGM	Sand	LAKE	51% To 70%	0.13	Sunny	Moderate Waves	SW	Below Normal	1	1.50
RGM	Sand	LAKE	51% To 70%	0.13	Sunny	Moderate Waves	SW	Below Normal	1	1.50
RGM	Sand	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	NONE	Below Normal	1	1.00
RGM	Sand	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	NONE	Below Normal	1	1.00
RGM	Sand	LAKE	51% To 70%	0.00	Overcast	Calm/Ripple	NONE	Below Normal	1	1.00
REB	Sangchris	CHRISTIAN	No Selection	0.00	Partly Cloudy	White Caps	SW	Above Normal	3	12.00
REB	Sangchris	CHRISTIAN	No Selection	0.00	Partly Cloudy	White Caps	SW	Above Normal	3	12.00
REB	Sangchris	CHRISTIAN	No Selection	0.00	Partly Cloudy	White Caps	SW	Above Normal	3	12.00
REB	Sangchris	CHRISTIAN	No Selection	0.00	Partly Cloudy	White Caps	SW	Above Normal	3	12.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.78	Partly Cloudy	Calm/Ripple	NE	Above Normal	0.5	12.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.78	Partly Cloudy	Calm/Ripple	NE	Above Normal	0.5	12.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.78	Partly Cloudy	Calm/Ripple	NE	Above Normal	0.5	12.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.78	Partly Cloudy	Calm/Ripple	NE	Above Normal	0.5	12.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	18.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	18.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	18.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	18.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.50	Partly Cloudy	Small Waves	N	Above Normal	3	12.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.50	Partly Cloudy	Small Waves	N	Above Normal	3	12.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.50	Partly Cloudy	Small Waves	N	Above Normal	3	12.00

Lake Code	Waterbody	Observations	Other Information	Management
RGM	Sand	filamentous algae died back.	Had tough time staying in right location at site 1. Carp seem more plentiful. While large bass are still present, bluegills seem larger than usual and there are groups of 10-11 inch bass swimming around.	
RGM	Sand	filamentous algae died back.	Had tough time staying in right location at site 1. Carp seem more plentiful. While large bass are still present, bluegills seem larger than usual and there are groups of 10-11 inch bass swimming around.	
RGM	Sand			
RGM	Sand			
RGM	Sand			
RGM	Sand			
RGM	Sand			
RGM	Sand			
RGM	Sand			
RGM	Sand			
RGM	Sand			
RGM	Sand			
RGM	Sand			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris		Water Willow, Brittle Waternymph	
REB	Sangchris		Water Willow, Brittle Waternymph	
REB	Sangchris		Water Willow, Brittle Waternymph	
REB	Sangchris		Water Willow, Brittle Waternymph	
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGM	Sand	19-Jul-18	12:54	RGM-2	126	FALSE	FALSE	0	3	31.5
RGM	Sand	19-Jul-18	13:05	RGM-3	72	FALSE	TRUE	4	17	6.0
RGM	Sand	10-Aug-18	12:11	RGM-1	89	FALSE	FALSE	0	3	27.0
RGM	Sand	10-Aug-18	11:44	RGM-2	104	FALSE	FALSE	0	3	32.0
RGM	Sand	10-Aug-18	12:03	RGM-3	66	FALSE	TRUE	4	17	6.0
RGM	Sand	10-Sep-18	14:54	RGM-1	45	FALSE	FALSE	0	12	27.5
RGM	Sand	10-Sep-18	14:20	RGM-2	52	FALSE	FALSE	0	12	32.0
RGM	Sand	10-Sep-18	14:35	RGM-3	48	FALSE	FALSE	4	12	6.0
RGM	Sand	27-Sep-18	14:22	RGM-1	60	FALSE	FALSE	0	13	27.0
RGM	Sand	27-Sep-18	13:30	RGM-2	58	FALSE	FALSE	0	13	32.0
RGM	Sand	27-Sep-18	13:48	RGM-3	48	FALSE	TRUE	4	17	6.0
RGM	Sand	27-Oct-18	15:43	RGM-1	121	FALSE	FALSE	0	16	27.0
RGM	Sand	27-Oct-18	15:21	RGM-2	96	FALSE	FALSE	0	17	32.0
RGM	Sand	27-Oct-18	15:30	RGM-3	72	TRUE	FALSE	4	8	6.0
REB	Sangchris	02-May-18	10:23	REB-1	32	FALSE	FALSE	0	17	32.0
REB	Sangchris	02-May-18	09:31	REB-2	30	FALSE	FALSE	0	12	26.5
REB	Sangchris	02-May-18	11:10	REB-3	27	FALSE	FALSE	0	12	4.5
REB	Sangchris	02-May-18	11:32	REB-4	24	FALSE	FALSE	0	17	7.0
REB	Sangchris	18-May-18	10:32	REB-1	39	FALSE	FALSE	0	12	32.0
REB	Sangchris	18-May-18	10:55	REB-2	36	FALSE	FALSE	0	17	25.0
REB	Sangchris	18-May-18	10:15	REB-3	33	FALSE	FALSE	0	17	4.0
REB	Sangchris	18-May-18	09:37	REB-4	26	FALSE	FALSE	0	17	4.0
REB	Sangchris	07-Jun-18	10:54	REB-1	25	FALSE	FALSE	0	17	32.5
REB	Sangchris	07-Jun-18	10:28	REB-2	28	FALSE	FALSE	0	8	24.5
REB	Sangchris	07-Jun-18	11:24	REB-3	25	FALSE	FALSE	0	8	5.5
REB	Sangchris	07-Jun-18	12:01	REB-4	24	FALSE	FALSE	0	17	5.0
REB	Sangchris	27-Jun-18	11:16	REB-1	30	FALSE	FALSE	0	8	29.0
REB	Sangchris	27-Jun-18	10:48	REB-2	21	FALSE	FALSE	0	17	25.0
REB	Sangchris	27-Jun-18	11:45	REB-3	24	FALSE	FALSE	0	8	5.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REB	Sangchris	CHRISTIAN	Less Than 5%	0.50	Partly Cloudy	Small Waves	N	Above Normal	3	12.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Small Waves	SE	Above Normal	3	20.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Small Waves	SE	Above Normal	3	20.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Small Waves	SE	Above Normal	3	20.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Small Waves	SE	Above Normal	3	20.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	18.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	18.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	18.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Normal or Full	0	18.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Above Normal	1	20.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Above Normal	1	20.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Above Normal	1	20.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Above Normal	1	20.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Moderate Waves	SW	Above Normal	4	15.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Moderate Waves	SW	Above Normal	4	15.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Moderate Waves	SW	Above Normal	4	15.00

Lake Code	Waterbody	Observations	Other Information	Management
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris		Brittle waternymph abundance greatly reduced since last observation.	
REB	Sangchris		Brittle waternymph abundance greatly reduced since last observation.	
REB	Sangchris		Brittle waternymph abundance greatly reduced since last observation.	
REB	Sangchris		Brittle waternymph abundance greatly reduced since last observation.	
REB	Sangchris		Very windy day with lots of wave action. May have skewed depth measurements as boat drifted. Brittle naiad abundance greatly reduced.	
REB	Sangchris		Very windy day with lots of wave action. May have skewed depth measurements as boat drifted. Brittle naiad abundance greatly reduced.	
REB	Sangchris		Very windy day with lots of wave action. May have skewed depth measurements as boat drifted. Brittle naiad abundance greatly reduced.	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REB	Sangchris	27-Jun-18	12:12	REB-4	20	FALSE	FALSE	0	17	9.0
REB	Sangchris	11-Jul-18	10:20	REB-1	18	FALSE	FALSE	0	3	32.0
REB	Sangchris	11-Jul-18	09:45	REB-2	18	FALSE	FALSE	0	8	25.0
REB	Sangchris	11-Jul-18	10:54	REB-1	21	FALSE	FALSE	0	8	16.0
REB	Sangchris	11-Jul-18	11:33	REB-4	17	FALSE	FALSE	0	8	5.0
REB	Sangchris	25-Jul-18	09:30	REB-2	20	FALSE	FALSE	0	8	25.0
REB	Sangchris	25-Jul-18	10:15	REB-1	20	FALSE	FALSE	0	8	31.0
REB	Sangchris	25-Jul-18	10:30	REB-3	19	FALSE	FALSE	0	8	14.0
REB	Sangchris	25-Jul-18	11:02	REB-4	19	FALSE	FALSE	0	8	4.5
REB	Sangchris	09-Aug-18	10:01	REB-1	26	FALSE	FALSE	0	17	32.5
REB	Sangchris	09-Aug-18	09:27	REB-2	25	FALSE	FALSE	0	12	25.5
REB	Sangchris	09-Aug-18	11:20	REB-3	21	FALSE	FALSE	0	12	5.0
REB	Sangchris	09-Aug-18	10:46	REB-4	21	FALSE	FALSE	0	12	4.5
REB	Sangchris	28-Aug-18	09:51	REB-1	28	FALSE	FALSE	0	3	30.0
REB	Sangchris	28-Aug-18	09:32	REB-2	24	FALSE	FALSE	0	3	24.0
REB	Sangchris	28-Aug-18	10:15	REB-3	21	FALSE	FALSE	0	2	6.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Moderate Waves	SW	Above Normal	4	15.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	2	7.50
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	2	7.50
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	2	7.50
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Small Waves	W	Below Normal	3	5.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Small Waves	W	Below Normal	3	5.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Small Waves	W	Below Normal	3	5.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Small Waves	W	Below Normal	3	5.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Below Normal	4	16.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Below Normal	4	16.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Below Normal	4	16.00
REB	Sangchris	CHRISTIAN	Less Than 5%	0.00	Sunny	Moderate Waves	NW	Below Normal	4	16.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.25	Sunny	Calm/Ripple	W	Below Normal	6	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.25	Sunny	Calm/Ripple	W	Below Normal	6	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.25	Sunny	Calm/Ripple	W	Below Normal	6	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.50	Overcast	Calm/Ripple	E	Normal or Full	0	8.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.50	Overcast	Calm/Ripple	E	Normal or Full	0	8.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.50	Overcast	Calm/Ripple	E	Normal or Full	0	8.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.25	Sunny	Calm/Ripple	E	Below Normal	3	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.25	Sunny	Calm/Ripple	E	Below Normal	3	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.25	Sunny	Calm/Ripple	E	Below Normal	3	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	4.50	Sunny	Calm/Ripple	W	Above Normal	1.5	8.00
RCE	Sara	EFFINGHAM	Less Than 5%	4.50	Sunny	Calm/Ripple	W	Above Normal	1.5	8.00
RCE	Sara	EFFINGHAM	Less Than 5%	4.50	Sunny	Calm/Ripple	W	Above Normal	1.5	8.00
RCE	Sara	EFFINGHAM	Less Than 5%	2.00	Sunny	Calm/Ripple	S	Above Normal	1.5	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	2.00	Sunny	Calm/Ripple	S	Above Normal	1.5	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	2.00	Sunny	Calm/Ripple	S	Above Normal	1.5	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.50	Sunny	Calm/Ripple	S	Above Normal	1	4.00

Lake Code	Waterbody	Observations	Other Information	Management
REB	Sangchris		Very windy day with lots of wave action. May have skewed depth measurements as boat drifted. Brittle naiad abundance greatly reduced.	
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris		collected pH readings: 1:8.24; 2:8.13; 3:8.48; 4:8.31	
REB	Sangchris		collected pH readings: 1:8.24; 2:8.13; 3:8.48; 4:8.31	
REB	Sangchris		collected pH readings: 1:8.24; 2:8.13; 3:8.48; 4:8.31	
REB	Sangchris		collected pH readings: 1:8.24; 2:8.13; 3:8.48; 4:8.31	
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
REB	Sangchris			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara			
RCE	Sara	3.5 inches of rain from Friday, 9/7 to Sunday, 9/9.		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REB	Sangchris	28-Aug-18	10:36	REB-4	22	FALSE	FALSE	0	8	4.0
REB	Sangchris	13-Sep-18	09:48	REB-1	23	FALSE	FALSE	0	3	32.0
REB	Sangchris	13-Sep-18	09:26	REB-2	24	FALSE	FALSE	0	2	25.0
REB	Sangchris	13-Sep-18	10:15	REB-3	18	FALSE	FALSE	0	8	4.5
REB	Sangchris	13-Sep-18	10:37	REB-4	19	FALSE	FALSE	0	8	3.5
REB	Sangchris	28-Sep-18	10:39	REB-1	26	TRUE	TRUE	0	17	32.0
REB	Sangchris	28-Sep-18	10:08	REB-2	28	TRUE	TRUE	0	17	25.0
REB	Sangchris	28-Sep-18	11:12	REB-3	23	TRUE	TRUE	0	8	8.0
REB	Sangchris	28-Sep-18	11:44	REB-4	21	TRUE	TRUE	0	17	3.5
REB	Sangchris	17-Oct-18	11:04	REB-1	26	FALSE	FALSE	0	8	32.0
REB	Sangchris	17-Oct-18	10:28	REB-2	29	FALSE	FALSE	0	3	24.5
REB	Sangchris	17-Oct-18	11:51	REB-3	19	FALSE	FALSE	0	8	5.5
REB	Sangchris	17-Oct-18	12:19	REB-4	22	FALSE	FALSE	0	8	8.0
RCE	Sara	31-May-18	11:01	RCE-1	46	FALSE	FALSE	0	0	46.0
RCE	Sara	31-May-18	11:28	RCE-2	48	FALSE	FALSE	0	0	36.0
RCE	Sara	31-May-18	11:50	RCE-3	39	FALSE	FALSE	0	0	19.0
RCE	Sara	25-Jun-18	10:06	RCE-1	37	FALSE	FALSE	0	0	46.0
RCE	Sara	25-Jun-18	10:57	RCE-2	32	FALSE	FALSE	0	0	35.0
RCE	Sara	25-Jun-18	11:28	RCE-3	30	FALSE	FALSE	0	0	19.0
RCE	Sara	17-Jul-18	10:08	RCE-1	32	FALSE	FALSE	0	0	46.0
RCE	Sara	17-Jul-18	10:44	RCE-2	33	FALSE	FALSE	0	0	36.0
RCE	Sara	17-Jul-18	11:06	RCE-3	30	FALSE	FALSE	0	0	18.0
RCE	Sara	01-Aug-18	10:53	RCE-1	34	FALSE	FALSE	0	0	50.0
RCE	Sara	01-Aug-18	11:45	RCE-2	31	FALSE	FALSE	0	0	36.0
RCE	Sara	01-Aug-18	12:22	RCE-3	29	FALSE	FALSE	0	0	18.0
RCE	Sara	27-Aug-18	12:05	RCE-1	31	FALSE	FALSE	0	0	46.0
RCE	Sara	27-Aug-18	12:38	RCE-2	32	FALSE	FALSE	0	0	35.0
RCE	Sara	27-Aug-18	13:06	RCE-3	30	FALSE	FALSE	0	0	18.0
RCE	Sara	11-Sep-18	10:23	RCE-1	38	FALSE	FALSE	0	0	47.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RCE	Sara	EFFINGHAM	Less Than 5%	0.50	Sunny	Calm/Ripple	S	Above Normal	1	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.50	Sunny	Calm/Ripple	S	Above Normal	1	4.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.00	Partly Cloudy	No Selection	S	Normal or Full	0	6.00
RCE	Sara	EFFINGHAM	Less Than 5%	0.00	Partly Cloudy	No Selection	S	Normal or Full	0	6.00
RTW	Silver	MCHENRY	Less Than 5%	0.10	Sunny	Small Waves	NE	Above Normal	1.5	4.00
RTW	Silver	MCHENRY	Less Than 5%	0.10	Sunny	Small Waves	NE	Above Normal	1.5	4.00
RTW	Silver	MCHENRY	Less Than 5%	0.10	Sunny	Small Waves	NE	Above Normal	1.5	4.00
RTW	Silver	MCHENRY	51% To 70%	2.50	Overcast	Calm/Ripple	NW	Above Normal	2.5	4.00
RTW	Silver	MCHENRY	51% To 70%	2.50	Overcast	Calm/Ripple	NW	Above Normal	2.5	4.00
RTW	Silver	MCHENRY	51% To 70%	2.50	Overcast	Calm/Ripple	NW	Above Normal	2.5	4.00
RTW	Silver	MCHENRY	51% To 70%	0.20	Partly Cloudy	Calm/Ripple	SW	Above Normal	3	4.00
RTW	Silver	MCHENRY	51% To 70%	0.20	Partly Cloudy	Calm/Ripple	SW	Above Normal	3	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RCE	Sara	3.5 inches of rain from Friday, 9/7 to Sunday, 9/9.		
RCE	Sara	3.5 inches of rain from Friday, 9/7 to Sunday, 9/9.		
RCE	Sara	Sampling ended early because boat quit running and had to be towed to shore.		
RCE	Sara	Sampling ended early because boat quit running and had to be towed to shore.		
RTW	Silver	One of the coolest Aprils on record	Boating, ducks geese, fishing	No aeration. BP = 738 Surface Temp = 67 F D.O. = 9.5 Bottom Temp = 61 F D.O.= 8.4
RTW	Silver	One of the coolest Aprils on record	Boating, ducks geese, fishing	No aeration. BP = 738 Surface Temp = 67 F D.O. = 9.5 Bottom Temp = 61 F D.O.= 8.4
RTW	Silver	One of the coolest Aprils on record	Boating, ducks geese, fishing	No aeration. BP = 738 Surface Temp = 67 F D.O. = 9.5 Bottom Temp = 61 F D.O.= 8.4
RTW	Silver	Record amount of rain for the month of May.	Boating, ducks, geese. Chara, and mats/clumps of green algae s/w bay	No aeration - BP = 736 Surface Temp = 64 F D.O.= 8.9 Bottom Temp = 62 F D.O. = 5.2
RTW	Silver	Record amount of rain for the month of May.	Boating, ducks, geese. Chara, and mats/clumps of green algae s/w bay	No aeration - BP = 736 Surface Temp = 64 F D.O.= 8.9 Bottom Temp = 62 F D.O. = 5.2
RTW	Silver	Record amount of rain for the month of May.	Boating, ducks, geese. Chara, and mats/clumps of green algae s/w bay	No aeration - BP = 736 Surface Temp = 64 F D.O.= 8.9 Bottom Temp = 62 F D.O. = 5.2
RTW	Silver	A hot spell followed by some thunder storms and normal temps.	Boating, swimming, geese, ducks. Weed treatment by Clarke Aquatics on 5/31/18 with herbicides and algacide.	500 feet of aeration. B.P. = 734 Surface temp = 73 F D.O. = 6.4 Bottom Temp = 72.3 F D.O.=4.5
RTW	Silver	A hot spell followed by some thunder storms and normal temps.	Boating, swimming, geese, ducks. Weed treatment by Clarke Aquatics on 5/31/18 with herbicides and algacide.	500 feet of aeration. B.P. = 734 Surface temp = 73 F D.O. = 6.4 Bottom Temp = 72.3 F D.O.=4.5

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RCE	Sara	11-Sep-18	10:50	RCE-2	38	FALSE	FALSE	0	0	35.0
RCE	Sara	11-Sep-18	11:14	RCE-3	28	FALSE	FALSE	0	0	19.0
RCE	Sara	03-Oct-18	11:28	RCE-1	32	FALSE	FALSE	0	0	46.0
RCE	Sara	03-Oct-18	12:21	RCE-2	32	FALSE	FALSE	0	0	35.0
RTW	Silver	06-May-18	11:54	RTW-1	144	FALSE	FALSE	0	12	16.0
RTW	Silver	06-May-18	12:22	RTW-2	108	TRUE	FALSE	1	12	9.0
RTW	Silver	06-May-18	12:33	RTW-3	60	TRUE	FALSE	3	12	5.0
RTW	Silver	22-May-18	07:37	RTW-1	186	FALSE	FALSE	0	12	16.0
RTW	Silver	22-May-18	07:54	RTW-2	108	TRUE	FALSE	3	12	9.0
RTW	Silver	22-May-18	08:02	RTW-3	60	TRUE	FALSE	3	12	5.0
RTW	Silver	12-Jun-18	13:20	RTW-1	144	FALSE	FALSE	0	12	16.0
RTW	Silver	12-Jun-18	13:40	RTW-2	114	TRUE	FALSE	1	12	9.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTW	Silver	MCHENRY	51% To 70%	0.20	Partly Cloudy	Calm/Ripple	SW	Above Normal	3	4.00
RTW	Silver	MCHENRY	Less Than 5%	2.20	Overcast	Calm/Ripple	SE	Above Normal	6	5.00
RTW	Silver	MCHENRY	Less Than 5%	2.20	Overcast	Calm/Ripple	SE	Above Normal	6	5.00
RTW	Silver	MCHENRY	Less Than 5%	2.20	Overcast	Calm/Ripple	SE	Above Normal	6	5.00
RTW	Silver	MCHENRY	51% To 70%	0.00	Sunny	Small Waves	SW	Above Normal	4	4.00
RTW	Silver	MCHENRY	51% To 70%	0.00	Sunny	Small Waves	SW	Above Normal	4	4.00
RTW	Silver	MCHENRY	51% To 70%	0.00	Sunny	Small Waves	SW	Above Normal	4	4.00
RTW	Silver	MCHENRY	5% To 25%	0.80	Sunny	Calm/Ripple	NE	Above Normal	1.5	5.00
RTW	Silver	MCHENRY	5% To 25%	0.80	Sunny	Calm/Ripple	NE	Above Normal	1.5	5.00
RTW	Silver	MCHENRY	5% To 25%	0.80	Sunny	Calm/Ripple	NE	Above Normal	1.5	5.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	0.75	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RTW	Silver	A hot spell followed by some thunder storms and normal temps.	Boating, swimming, geese, ducks. Weed treatment by Clarke Aquatics on 5/31/18 with herbicides and algacide.	500 feet of aeration. B.P. = 734 Surface temp = 73 F D.O. = 6.4 Bottom Temp = 72.3 F D.O.=4.5
RTW	Silver	Hot than cooler temperatures with passing heavy thunderstorms.		500 feet of aeration. BP = 734 Surface temp = 78 F D.O.=6.6 Bottom temp = 76.3 F D.O.= 4.2
RTW	Silver	Hot than cooler temperatures with passing heavy thunderstorms.		500 feet of aeration. BP = 734 Surface temp = 78 F D.O.=6.6 Bottom temp = 76.3 F D.O.= 4.2
RTW	Silver	Hot than cooler temperatures with passing heavy thunderstorms.		500 feet of aeration. BP = 734 Surface temp = 78 F D.O.=6.6 Bottom temp = 76.3 F D.O.= 4.2
RTW	Silver	Hot with passing storms	Swimming, boating, fishing, lily pads.	500 feet of aeration. B.P.= 744 Surface temp = 81.9 F D.O.=9.1 Bottom temp = 79.8 F D.O. = 6.5
RTW	Silver	Hot with passing storms	Swimming, boating, fishing, lily pads.	500 feet of aeration. B.P.= 744 Surface temp = 81.9 F D.O.=9.1 Bottom temp = 79.8 F D.O. = 6.5
RTW	Silver	Hot with passing storms	Swimming, boating, fishing, lily pads.	500 feet of aeration. B.P.= 744 Surface temp = 81.9 F D.O.=9.1 Bottom temp = 79.8 F D.O. = 6.5
RTW	Silver	Warm with storms	ducks, geese, swimming, boating.	500 feet of aeration G.P.= 735 Surface temp = 77 F - D.O.= 7.1 Bottom temp = 77.9 F - D.O.= 6.5
RTW	Silver	Warm with storms	ducks, geese, swimming, boating.	500 feet of aeration G.P.= 735 Surface temp = 77 F - D.O.= 7.1 Bottom temp = 77.9 F - D.O.= 6.5
RTW	Silver	Warm with storms	ducks, geese, swimming, boating.	500 feet of aeration G.P.= 735 Surface temp = 77 F - D.O.= 7.1 Bottom temp = 77.9 F - D.O.= 6.5
RTW	Silver	Swimming, fishing, boating, geese, ducks Very warm and dry.	Chara on lake bottom with clumps of algae on weed tops	500 feet of aeration. Surface Temp = 77 F - D.O.=8.8 Bottom Temp = 78 F - D.O.= 8.1

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTW	Silver	12-Jun-18	13:50	RTW-3	60	TRUE	FALSE	2	12	5.0
RTW	Silver	20-Jun-18	10:24	RTW-1	180	FALSE	FALSE	0	12	16.0
RTW	Silver	20-Jun-18	10:44	RTW-2	114	TRUE	FALSE	1	12	9.5
RTW	Silver	20-Jun-18	10:52	RTW-3	48	FALSE	TRUE	3	12	5.0
RTW	Silver	04-Jul-18	08:41	RTW-1	192	TRUE	FALSE	0	12	16.0
RTW	Silver	04-Jul-18	09:04	RTW-2	108	TRUE	FALSE	0	12	9.0
RTW	Silver	04-Jul-18	09:16	RTW-3	48	FALSE	TRUE	3	14	5.0
RTW	Silver	23-Jul-18	08:17	RTW-1	132	FALSE	FALSE	0	12	16.0
RTW	Silver	23-Jul-18	08:42	RTW-1	96	FALSE	TRUE	1	12	9.5
RTW	Silver	23-Jul-18	00:85	RTW-1	60	TRUE	FALSE	3	12	5.0
RTW	Silver	03-Aug-18	00:92	RTW-1	168	FALSE	FALSE	0	12	15.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTW	Silver	MCHENRY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	0.75	4.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Above Normal	0.75	4.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Overcast	Small Waves	E	Above Normal	0.75	5.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Overcast	Small Waves	E	Above Normal	0.75	5.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Overcast	Small Waves	E	Above Normal	0.75	5.00
RTW	Silver	MCHENRY	5% To 25%	8.00	Partly Cloudy	Small Waves	SW	Above Normal	11	8.00
RTW	Silver	MCHENRY	5% To 25%	8.00	Partly Cloudy	Small Waves	SW	Above Normal	11	8.00
RTW	Silver	MCHENRY	5% To 25%	8.00	Partly Cloudy	Small Waves	SW	Above Normal	11	8.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Above Normal	2	4.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Above Normal	2	4.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Partly Cloudy	Small Waves	NE	Above Normal	2	4.00
RTW	Silver	MCHENRY	5% To 25%	1.60	Overcast	Small Waves	N	Above Normal	2	4.00
RTW	Silver	MCHENRY	5% To 25%	1.60	Overcast	Small Waves	N	Above Normal	2	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RTW	Silver	Swimming, fishing, boating, geese, ducks Very warm and dry.	Chara on lake bottom with clumps of algae on weed tops	500 feet of aeration. Surface Temp = 77 F - D.O.=8.8 Bottom Temp = 78 F - D.O.= 8.1
RTW	Silver	Swimming, fishing, boating, geese, ducks Very warm and dry.	Chara on lake bottom with clumps of algae on weed tops	500 feet of aeration. Surface Temp = 77 F - D.O.=8.8 Bottom Temp = 78 F - D.O.= 8.1
RTW	Silver	Nice weather with no changes. Light breeze 3 to 6 out of the east.		500 feet of aeration. B.P.= 735 . Surface temp = 80 F - D.O.= 10 . Bottom temp = 81.7 F - D.O.= 9.3
RTW	Silver	Nice weather with no changes. Light breeze 3 to 6 out of the east.		500 feet of aeration. B.P.= 735 . Surface temp = 80 F - D.O.= 10 . Bottom temp = 81.7 F - D.O.= 9.3
RTW	Silver	Nice weather with no changes. Light breeze 3 to 6 out of the east.		500 feet of aeration. B.P.= 735 . Surface temp = 80 F - D.O.= 10 . Bottom temp = 81.7 F - D.O.= 9.3
RTW	Silver	Large amount of rain in last 48 hours, over 8 inches.	boating, ducks, geese	500 feet aeration. BP = 747 Surface temp = 78.3 F - D.O.= 8.4 Bottom temp = 77.4 F - D.O.=8.3
RTW	Silver	Large amount of rain in last 48 hours, over 8 inches.	boating, ducks, geese	500 feet aeration. BP = 747 Surface temp = 78.3 F - D.O.= 8.4 Bottom temp = 77.4 F - D.O.=8.3
RTW	Silver	Large amount of rain in last 48 hours, over 8 inches.	boating, ducks, geese	500 feet aeration. BP = 747 Surface temp = 78.3 F - D.O.= 8.4 Bottom temp = 77.4 F - D.O.=8.3
RTW	Silver	Passing storms with mild temps	ducks , geese, boating , swimming.	No aeration, B.P. = 744 Surface temp = 72.7 F - D.O.= 9.1 Bottom temp = 73.5 F - D.O.= 8.7
RTW	Silver	Passing storms with mild temps	ducks , geese, boating , swimming.	No aeration, B.P. = 744 Surface temp = 72.7 F - D.O.= 9.1 Bottom temp = 73.5 F - D.O.= 8.7
RTW	Silver	Passing storms with mild temps	ducks , geese, boating , swimming.	No aeration, B.P. = 744 Surface temp = 72.7 F - D.O.= 9.1 Bottom temp = 73.5 F - D.O.= 8.7
RTW	Silver	Very wet with mild temps	Geese, ducks, fishing, boating	No aeration. - BP = 736 Surface temp = 65.1 F - D.O.= 8.8 Bottom temp = 64.8 F - D.O.= 8.5
RTW	Silver	Very wet with mild temps	Geese, ducks, fishing, boating	No aeration. - BP = 736 Surface temp = 65.1 F - D.O.= 8.8 Bottom temp = 64.8 F - D.O.= 8.5

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTW	Silver	03-Aug-18	09:39	RTW-2	102	FALSE	TRUE	2	12	8.5
RTW	Silver	03-Aug-18	09:49	RTW-3	54	FALSE	TRUE	3	12	5.0
RTW	Silver	20-Aug-18	08:55	RTW-1	156	FALSE	FALSE	0	12	15.5
RTW	Silver	20-Aug-18	09:11	RTW-2	108	TRUE	FALSE	2	12	9.0
RTW	Silver	20-Aug-18	09:20	RTW-3	48	FALSE	TRUE	3	12	5.0
RTW	Silver	04-Sep-18	13:50	RTW-1	174	FALSE	FALSE	0	12	16.5
RTW	Silver	04-Sep-18	14:18	RTW-2	96	FALSE	FALSE	2	12	9.5
RTW	Silver	04-Sep-18	14:30	RTW-3	42	FALSE	FALSE	3	12	6.0
RTW	Silver	22-Sep-18	07:58	RTW-1	192	TRUE	FALSE	0	12	16.0
RTW	Silver	22-Sep-18	08:15	RTW-2	108	TRUE	FALSE	2	12	9.0
RTW	Silver	22-Sep-18	08:25	RTW-3	60	TRUE	FALSE	3	12	5.0
RTW	Silver	06-Oct-18	15:21	RTW-1	192	TRUE	FALSE	0	12	16.0
RTW	Silver	06-Oct-18	15:35	RTW-2	108	TRUE	FALSE	2	12	9.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTW	Silver	MCHENRY	5% To 25%	1.60	Overcast	Small Waves	N	Above Normal	2	4.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1.5	4.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1.5	4.00
RTW	Silver	MCHENRY	5% To 25%	0.00	Sunny	Calm/Ripple	SW	Above Normal	1.5	4.00
RGZT	Spring	LAKE	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	1.00
RGZT	Spring	LAKE	5% To 25%	0.50	Partly Cloudy	Calm/Ripple	NW	Normal or Full	0	1.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Partly Cloudy	Small Waves	W	Below Normal	0.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Partly Cloudy	Small Waves	W	Below Normal	0.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Partly Cloudy	Small Waves	W	Below Normal	0.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Overcast	Calm/Ripple	W	Normal or Full	0	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Overcast	Calm/Ripple	W	Normal or Full	0	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Overcast	Calm/Ripple	W	Normal or Full	0	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Moderate Waves	E	Below Normal	1	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Moderate Waves	E	Below Normal	1	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Moderate Waves	E	Below Normal	1	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Small Waves	W	Below Normal	0.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Small Waves	W	Below Normal	0.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Small Waves	W	Below Normal	0.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	3	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	3	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Below Normal	3	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	4.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	4.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Below Normal	4.5	8.00

Lake Code	Waterbody	Observations	Other Information	Management
RTW	Silver	Very wet with mild temps	Geese, ducks, fishing, boating	No aeration. - BP = 736 Surface temp = 65.1 F - D.O.= 8.8 Bottom temp = 64.8 F - D.O.= 8.5
RTW	Silver	Cool and breezy	ducks, geese heron, boating.	No aeration. BP 748 Surface temp = 56.3 F - D.O.= 10.0 Bottom temp = 54.3 F - D.O. = 10.2
RTW	Silver	Cool and breezy	ducks, geese heron, boating.	No aeration. BP 748 Surface temp = 56.3 F - D.O.= 10.0 Bottom temp = 54.3 F - D.O. = 10.2
RTW	Silver	Cool and breezy	ducks, geese heron, boating.	No aeration. BP 748 Surface temp = 56.3 F - D.O.= 10.0 Bottom temp = 54.3 F - D.O. = 10.2
RGZT	Spring			
RGZT	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring		both emergency wells running from 6/5 through 6/18	
RDR	Spring		both emergency wells running from 6/5 through 6/18	
RDR	Spring		both emergency wells running from 6/5 through 6/18	
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			Both well pumps running water into lake
RDR	Spring			Both well pumps running water into lake
RDR	Spring			Both well pumps running water into lake

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTW	Silver	06-Oct-18	15:42	RTW-3	60	TRUE	FALSE	3	12	5.0
RTW	Silver	18-Oct-18	08:31	RTW-1	156	FALSE	FALSE	0	12	16.0
RTW	Silver	18-Oct-18	08:47	RTW-2	108	TRUE	FALSE	2	12	9.0
RTW	Silver	18-Oct-18	08:56	RTW-3	60	TRUE	FALSE	3	12	5.0
RGZT	Spring	15-Jun-18	09:30	RGZT-1	16	FALSE	FALSE	0	13	6.5
RGZT	Spring	20-Sep-18	11:45	RGZT-1	15	FALSE	FALSE	0	13	6.5
RDR	Spring	25-May-18	10:47	RDR-1	24	FALSE	FALSE	0	13	22.0
RDR	Spring	25-May-18	08:57	RDR-2	16	FALSE	FALSE	0	13	7.0
RDR	Spring	25-May-18	8:21	RDR-3	7	FALSE	FALSE	0	13	2.0
RDR	Spring	29-May-18	10:02	RDR-1	22	FALSE	FALSE	0	13	22.0
RDR	Spring	29-May-18	08:58	RDR-2	16	FALSE	FALSE	0	13	7.0
RDR	Spring	29-May-18	08:21	RDR-3	9	FALSE	FALSE	0	13	2.0
RDR	Spring	05-Jun-18	11:20	RDR-1	26	FALSE	FALSE	0	12	22.0
RDR	Spring	05-Jun-18	10:07	RDR-2	15	FALSE	FALSE	0	13	7.0
RDR	Spring	05-Jun-18	09:42	RDR-3	10	FALSE	FALSE	0	13	2.0
RDR	Spring	19-Jun-18	10:37	RDR-1	21	FALSE	FALSE	0	13	22.0
RDR	Spring	19-Jun-18	09:11	RDR-2	13	FALSE	FALSE	0	13	7.0
RDR	Spring	19-Jun-18	08:30	RDR-3	13	FALSE	FALSE	0	13	2.0
RDR	Spring	11-Jul-18	10:34	RDR-1	18	FALSE	FALSE	0	13	22.0
RDR	Spring	11-Jul-18	09:23	RDR-2	10	FALSE	FALSE	0	12	7.0
RDR	Spring	11-Jul-18	09:01	RDR-3	7	FALSE	FALSE	0	12	2.0
RDR	Spring	24-Jul-18	10:20	RDR-1	16	FALSE	FALSE	0	13	22.0
RDR	Spring	24-Jul-18	9:10	RDR-2	10	FALSE	FALSE	0	13	7.0
RDR	Spring	24-Jul-18	8:40	RDR-3	19	FALSE	FALSE	0	13	2.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RDR	Spring	MCDONOUGH	Less Than 5%	0.73	Overcast	Small Waves	W	Below Normal	4.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.73	Overcast	Small Waves	W	Below Normal	4.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.73	Overcast	Small Waves	W	Below Normal	4.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	1.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	1.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Small Waves	SW	Below Normal	1.5	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Small Waves	SE	Normal or Full	0	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Small Waves	SE	Normal or Full	0	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Small Waves	SE	Normal or Full	0	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.08	Sunny	Small Waves	SW	Below Normal	1	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.08	Sunny	Small Waves	SW	Below Normal	1	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.08	Sunny	Small Waves	SW	Below Normal	1	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.08	Partly Cloudy	Small Waves	NE	Below Normal	2	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.08	Partly Cloudy	Small Waves	NE	Below Normal	2	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.08	Partly Cloudy	Small Waves	NE	Below Normal	2	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Above Normal	2	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Above Normal	2	8.00
RDR	Spring	MCDONOUGH	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Above Normal	2	8.00
RNZZ	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	3	1.00
RNZZ	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	3	1.00
RNZZ	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	3	1.00
RNZZ	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Above Normal	3	1.00
RNZZ	Spring Arbor	JACKSON	Less Than 5%	0.00	No Selection	No Selection	NONE	Normal or Full	0	1.00
RNZZ	Spring Arbor	JACKSON	Less Than 5%	0.00	No Selection	No Selection	NONE	Normal or Full	0	1.00
RNZZ	Spring Arbor	JACKSON	Less Than 5%	0.00	No Selection	No Selection	NONE	Normal or Full	0	1.00
RNZZ	Spring Arbor	JACKSON	Less Than 5%	0.00	No Selection	No Selection	NONE	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RDR	Spring			both wells still running into lake's east end
RDR	Spring			both wells still running into lake's east end
RDR	Spring			both wells still running into lake's east end
RDR	Spring			both well pumps likely to be turned off today as the lake is overflowing the corners of its damaged spillway
RDR	Spring			both well pumps likely to be turned off today as the lake is overflowing the corners of its damaged spillway
RDR	Spring			both well pumps likely to be turned off today as the lake is overflowing the corners of its damaged spillway
RDR	Spring			well pumps off
RDR	Spring			well pumps off
RDR	Spring			well pumps off
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RDR	Spring			
RNZZ	Spring Arbor		Unusual sediment load heavy rain 3-4 days ago	
RNZZ	Spring Arbor		Unusual sediment load heavy rain 3-4 days ago	
RNZZ	Spring Arbor		Unusual sediment load heavy rain 3-4 days ago	
RNZZ	Spring Arbor		Unusual sediment load heavy rain 3-4 days ago	
RNZZ	Spring Arbor			
RNZZ	Spring Arbor			
RNZZ	Spring Arbor			
RNZZ	Spring Arbor			

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RDR	Spring	07-Aug-18	11:43	RDR-1	20	FALSE	FALSE	0	13	22.0
RDR	Spring	07-Aug-18	11:04	RDR-2	14	FALSE	FALSE	0	13	7.0
RDR	Spring	07-Aug-18	10:15	RDR-3	9	FALSE	FALSE	0	13	2.0
RDR	Spring	28-Aug-18	09:58	RDR-1	22	FALSE	FALSE	0	13	22.0
RDR	Spring	28-Aug-18	09:00	RDR-2	12	FALSE	FALSE	0	12	7.0
RDR	Spring	28-Aug-18	08:43	RDR-3	6	FALSE	FALSE	0	12	2.0
RDR	Spring	13-Sep-18	11:00	RDR-1	11	FALSE	FALSE	0	13	22.0
RDR	Spring	13-Sep-18	09:49	RDR-2	10	FALSE	FALSE	0	13	7.0
RDR	Spring	13-Sep-18	09:14	RDR-3	8	FALSE	FALSE	0	13	2.0
RDR	Spring	20-Sep-18	11:57	RDR-1	23	FALSE	FALSE	0	12	22.0
RDR	Spring	20-Sep-18	11:20	RDR-2	13	FALSE	FALSE	0	12	7.0
RDR	Spring	20-Sep-18	09:57	RDR-3	7	FALSE	FALSE	0	13	2.0
RDR	Spring	04-Oct-18	11:34	RDR-1	20	FALSE	FALSE	0	12	22.0
RDR	Spring	04-Oct-18	10:27	RDR-2	14	FALSE	FALSE	0	13	7.0
RDR	Spring	04-Oct-18	09:35	RDR-3	10	FALSE	FALSE	0	13	2.0
RDR	Spring	18-Oct-18	11:55	RDR-1	13	FALSE	FALSE	0	12	23.0
RDR	Spring	18-Oct-18	10:40	RDR-2	13	FALSE	FALSE	0	12	8.0
RDR	Spring	18-Oct-18	09:35	RDR-3	24	TRUE	FALSE	0	12	2.0
RNZG	Spring Arbor	08-May-18	12:55	RNZG-1	14	FALSE	FALSE	0	12	38.0
RNZG	Spring Arbor	08-May-18	13:05	RNZG-2	13	FALSE	FALSE	0	12	25.0
RNZG	Spring Arbor	08-May-18	13:10	RNZG-3	13	FALSE	FALSE	0	12	22.0
RNZG	Spring Arbor	08-May-18	12:40	RNZG-4	12	FALSE	FALSE	0	12	7.0
RNZG	Spring Arbor	27-May-18	13:00	RNZG-1	55	FALSE	FALSE	0	8	38.0
RNZG	Spring Arbor	27-May-18	12:50	RNZG-2	54	FALSE	FALSE	0	8	25.0
RNZG	Spring Arbor	27-May-18	13:15	RNZG-3	54	FALSE	FALSE	0	8	22.0
RNZG	Spring Arbor	27-May-18	12:25	RNZG-4	46	FALSE	FALSE	0	17	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Overcast	Calm/Ripple	NONE	Below Normal	3	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Overcast	Calm/Ripple	NONE	Below Normal	3	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Overcast	Calm/Ripple	NONE	Below Normal	3	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Overcast	Calm/Ripple	NONE	Below Normal	3	1.00
RNZG	Spring Arbor	JACKSON	No Selection	0.00	Overcast	Small Waves	NW	Below Normal	12	1.00
RNZG	Spring Arbor	JACKSON	No Selection	0.00	Overcast	Small Waves	NW	Below Normal	12	1.00
RNZG	Spring Arbor	JACKSON	No Selection	0.00	Overcast	Small Waves	NW	Below Normal	12	1.00
RNZG	Spring Arbor	JACKSON	No Selection	0.00	Overcast	Small Waves	NW	Below Normal	12	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	6	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	6	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	6	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	6	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.02	Sunny	Calm/Ripple	NONE	Below Normal	8	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.02	Sunny	Calm/Ripple	NONE	Below Normal	8	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.02	Sunny	Calm/Ripple	NONE	Below Normal	8	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.02	Sunny	Calm/Ripple	NONE	Below Normal	8	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	4	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	4	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	4	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	4	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	4	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	4	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	4	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	No Selection	No Selection	NONE	Normal or Full	0	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	No Selection	No Selection	NONE	Normal or Full	0	1.00
RNZG	Spring Arbor	JACKSON	Less Than 5%	0.00	No Selection	No Selection	NONE	Normal or Full	0	1.00
UGV	Spring Ledge	LAKE	26% To 50%	0.00	Overcast	Calm/Ripple	NONE	Normal or Full	0	1.00
UGV	Spring Ledge	LAKE	26% To 50%	0.00	Overcast	Calm/Ripple	NONE	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RNZG	Spring Arbor		filamentous algae reappearing	
RNZG	Spring Arbor		filamentous algae reappearing	
RNZG	Spring Arbor		filamentous algae reappearing	
RNZG	Spring Arbor		filamentous algae reappearing	
RNZG	Spring Arbor	filameutoes algae along shallow, sunny shores		
RNZG	Spring Arbor	filameutoes algae along shallow, sunny shores		
RNZG	Spring Arbor	filameutoes algae along shallow, sunny shores		
RNZG	Spring Arbor	filameutoes algae along shallow, sunny shores		
RNZG	Spring Arbor	Lake outlet partially open.		
RNZG	Spring Arbor	Lake outlet partially open.		
RNZG	Spring Arbor	Lake outlet partially open.		
RNZG	Spring Arbor	Lake outlet partially open.		
RNZG	Spring Arbor	Some filamentous algae.		Lake level being manipulated
RNZG	Spring Arbor	Some filamentous algae.		Lake level being manipulated
RNZG	Spring Arbor	Some filamentous algae.		Lake level being manipulated
RNZG	Spring Arbor	Some filamentous algae.		Lake level being manipulated
RNZG	Spring Arbor			
RNZG	Spring Arbor			
RNZG	Spring Arbor			
RNZG	Spring Arbor			
RNZG	Spring Arbor			
RNZG	Spring Arbor			
RNZG	Spring Arbor			
RNZG	Spring Arbor			Lake level being controlled
RNZG	Spring Arbor			Lake level being controlled
RNZG	Spring Arbor			Lake level being controlled
RNZG	Spring Arbor			
RNZG	Spring Arbor			
RNZG	Spring Arbor			
RNZG	Spring Arbor			
RNZG	Spring Arbor			
RNZG	Spring Arbor			
UGV	Spring Ledge	much algae (more than usual)		
UGV	Spring Ledge	much algae (more than usual)		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RNZG	Spring Arbor	10-Jun-18	12:55	RNZG-1	50	FALSE	FALSE	0	17	38.0
RNZG	Spring Arbor	10-Jun-18	12:40	RNZG-2	49	FALSE	FALSE	0	17	25.0
RNZG	Spring Arbor	10-Jun-18	13:00	RNZG-3	49	FALSE	FALSE	0	17	22.0
RNZG	Spring Arbor	10-Jun-18	12:30	RNZG-4	44	FALSE	FALSE	0	17	7.0
RNZG	Spring Arbor	24-Jun-18	13:00	RNZG-1	50	FALSE	FALSE	0	17	37.5
RNZG	Spring Arbor	24-Jun-18	12:52	RNZG-2	49	FALSE	FALSE	0	17	25.0
RNZG	Spring Arbor	24-Jun-18	12:10	RNZG-3	48	FALSE	FALSE	0	17	21.5
RNZG	Spring Arbor	24-Jun-18	12:40	RNZG-4	44	FALSE	FALSE	0	17	7.0
RNZG	Spring Arbor	22-Jul-18	12:30	RNZG-1	42	FALSE	FALSE	0	8	36.5
RNZG	Spring Arbor	22-Jul-18	12:25	RNZG-2	42	FALSE	FALSE	0	8	24.0
RNZG	Spring Arbor	22-Jul-18	13:05	RNZG-3	41	FALSE	FALSE	0	8	21.0
RNZG	Spring Arbor	22-Jul-18	12:15	RNZG-4	39	FALSE	FALSE	0	8	6.0
RNZG	Spring Arbor	10-Jul-18	13:15	RNZG-1	48	FALSE	FALSE	0	17	37.5
RNZG	Spring Arbor	10-Jul-18	13:10	RNZG-2	47	FALSE	FALSE	0	17	24.5
RNZG	Spring Arbor	10-Jul-18	13:25	RNZG-3	45	FALSE	FALSE	0	17	21.5
RNZG	Spring Arbor	10-Jul-18	13:00	RNZG-4	41	FALSE	FALSE	0	17	7.0
RNZG	Spring Arbor	07-Aug-18	13:05	RNZG-1	47	FALSE	FALSE	0	17	37.0
RNZG	Spring Arbor	07-Aug-18	12:55	RNZG-2	47	FALSE	FALSE	0	17	24.5
RNZG	Spring Arbor	07-Aug-18	13:10	RNZG-3	45	FALSE	FALSE	0	17	21.5
RNZG	Spring Arbor	07-Aug-18	12:40	RNZG-4	41	FALSE	FALSE	0	17	6.5
RNZG	Spring Arbor	26-Aug-18	13:15	RNZG-1	43	FALSE	FALSE	0	17	37.5
RNZG	Spring Arbor	26-Aug-18	13:05	RNZG-2	42	FALSE	FALSE	0	17	24.5
RNZG	Spring Arbor	26-Aug-18	13:10	RNZG-3	42	FALSE	FALSE	0	17	21.5
RNZG	Spring Arbor	26-Aug-18	12:55	RNZG-4	36	FALSE	FALSE	0	17	7.0
RNZG	Spring Arbor	11-Sep-18	13:10	RNZG-1	45	FALSE	FALSE	0	17	38.0
RNZG	Spring Arbor	11-Sep-18	13:00	RNZG-2	44	FALSE	FALSE	0	17	24.0
RNZG	Spring Arbor	11-Sep-18	13:20	RNZG-3	44	FALSE	FALSE	0	17	21.5
RNZG	Spring Arbor	08-Oct-18	13:10	RNZG-1	84	FALSE	FALSE	0	8	38.0
RNZG	Spring Arbor	08-Oct-18	12:55	RNZG-2	83	FALSE	FALSE	0	8	25.0
RNZG	Spring Arbor	08-Oct-18	12:50	RNZG-3	81	FALSE	FALSE	0	8	21.5
RNZG	Spring Arbor	23-Oct-18	14:20	RNZG-1	52	FALSE	FALSE	0	8	38.0
RNZG	Spring Arbor	23-Oct-18	14:10	RNZG-2	52	FALSE	FALSE	0	8	25.5
RNZG	Spring Arbor	23-Oct-18	13:55	RNZG-3	51	FALSE	FALSE	0	8	21.0
UGV	Spring Ledge	30-May-18	13:45	UGV-1	84	FALSE	FALSE	1	8	9.5
UGV	Spring Ledge	30-May-18	13:50	UGV-2	78	TRUE	FALSE	1	8	6.5

Lake Code	Waterbody	Observations	Other Information	Management
		Light rain earlier in the AM.		
UGV	Spring Ledge	Algae floating on the top of Sago Pondweed (moderately heavy). Lots of Star Grass developing		
UGV	Spring Ledge	Light rain earlier in the AM. Algae floating on the top of Sago Pondweed (moderately heavy). Lots of Star Grass developing		
UGV	Spring Ledge	ILM treated the lake two weeks ago. Less algae after treatment, but still moderately heavy Sago. Star grass developing too.		
		Very hot temps last few days		
UGV	Spring Ledge	ILM treated the lake two weeks ago. Less algae after treatment, but still moderately heavy Sago. Star grass developing too.		
		Very hot temps last few days		
UGV	Spring Ledge	Far less algae and pondweed since last visit		
UGV	Spring Ledge	Far less algae and pondweed since last visit		
UGV	Spring Ledge	decrease in water clarity		
UGV	Spring Ledge	decrease in water clarity		
UGV	Spring Ledge	Still murky/poor clarity. Little algae/few aquatic plants		
UGV	Spring Ledge	Still murky/poor clarity. Little algae/few aquatic plants		
UGV	Spring Ledge	Very poor clarity		
UGV	Spring Ledge	Very poor clarity		
UGV	Spring Ledge	Very poor clarity		
UGV	Spring Ledge	Very poor clarity		
UGV	Spring Ledge	Still murky/poor clarity. Little algae / few aquatic plants		
UGV	Spring Ledge	Still murky/poor clarity. Little algae / few aquatic plants		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
UGV	Spring Ledge	26-Jun-18	10:01	UGV-1	48	FALSE	FALSE	1	3	9.5
UGV	Spring Ledge	26-Jun-18	10:08	UGV-2	60	FALSE	FALSE	1	3	6.0
UGV	Spring Ledge	30-Jun-18	09:30	UGV-1	72	FALSE	FALSE	1	3	9.5
UGV	Spring Ledge	30-Jun-18	09:35	UGV-2	72	FALSE	FALSE	1	3	6.5
UGV	Spring Ledge	10-Jul-18	11:00	UGV-1	54	FALSE	FALSE	1	3	9.5
UGV	Spring Ledge	10-Jul-18	11:05	UGV-2	48	FALSE	FALSE	1	8	6.0
UGV	Spring Ledge	30-Jul-18	09:45	UGV-1	26	FALSE	FALSE	0	3	9.0
UGV	Spring Ledge	30-Jul-18	09:50	UGV-2	24	FALSE	FALSE	1	2	6.0
UGV	Spring Ledge	13-Jul-18	09:35	UGV-1	32	FALSE	FALSE	0	12	9.0
UGV	Spring Ledge	13-Jul-18	09:45	UGV-2	24	FALSE	FALSE	0	12	6.0
UGV	Spring Ledge	31-Aug-18	10:00	UGV-1	18	FALSE	FALSE	0	2	9.0
UGV	Spring Ledge	31-Aug-18	10:05	UGV-2	20	FALSE	FALSE	0	2	6.0
UGV	Spring Ledge	31-Aug-18	10:00	UGV-1	18	FALSE	FALSE	0	2	9.0
UGV	Spring Ledge	31-Aug-18	10:05	UGV-2	20	FALSE	FALSE	0	2	6.0
UGV	Spring Ledge	13-Aug-18	09:35	UGV-1	32	FALSE	FALSE	0	12	9.0
UGV	Spring Ledge	13-Aug-18	09:45	UGV-2	24	FALSE	FALSE	0	12	6.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REF	Springfield	SANGAMON	Less Than 5%	0.64	Sunny	Small Waves	N	Above Normal	1.8	4.00
REF	Springfield	SANGAMON	Less Than 5%	0.64	Sunny	Small Waves	N	Above Normal	1.8	4.00
REF	Springfield	SANGAMON	Less Than 5%	0.64	Sunny	Small Waves	N	Above Normal	1.8	4.00
REF	Springfield	SANGAMON	Less Than 5%	0.64	Sunny	Small Waves	N	Above Normal	1.8	4.00
REF	Springfield	SANGAMON	Less Than 5%	0.64	Sunny	Small Waves	N	Above Normal	1.8	4.00
REF	Springfield	SANGAMON	Less Than 5%	0.40	Sunny	Calm/Ripple	SW	Above Normal	0	4.00
REF	Springfield	SANGAMON	Less Than 5%	0.40	Sunny	Calm/Ripple	SW	Above Normal	0	4.00
REF	Springfield	SANGAMON	Less Than 5%	0.40	Sunny	Calm/Ripple	SW	Above Normal	0	4.00
REF	Springfield	SANGAMON	Less Than 5%	0.40	Sunny	Calm/Ripple	SW	Above Normal	0	4.00
REF	Springfield	SANGAMON	Less Than 5%	0.40	Sunny	Calm/Ripple	SW	Above Normal	0	4.00
REF	Springfield	SANGAMON	Less Than 5%	1.80	Partly Cloudy	Calm/Ripple	SW	Above Normal	0.23	6.00
REF	Springfield	SANGAMON	Less Than 5%	1.80	Partly Cloudy	Calm/Ripple	SW	Above Normal	0.23	6.00
REF	Springfield	SANGAMON	Less Than 5%	1.80	Partly Cloudy	Calm/Ripple	SW	Above Normal	0.23	6.00
REF	Springfield	SANGAMON	Less Than 5%	1.80	Partly Cloudy	Calm/Ripple	SW	Above Normal	0.23	6.00
REF	Springfield	SANGAMON	Less Than 5%	1.80	Partly Cloudy	Calm/Ripple	SW	Above Normal	0.23	6.00
REF	Springfield	SANGAMON	Less Than 5%	1.52	Hazy	Calm/Ripple	S	No Selection	0	2.00
REF	Springfield	SANGAMON	Less Than 5%	1.52	Hazy	Calm/Ripple	S	No Selection	0	2.00
REF	Springfield	SANGAMON	Less Than 5%	1.52	Hazy	Calm/Ripple	S	No Selection	0	2.00
REF	Springfield	SANGAMON	Less Than 5%	1.52	Hazy	Calm/Ripple	S	No Selection	0	2.00
REF	Springfield	SANGAMON	Less Than 5%	1.52	Hazy	Calm/Ripple	S	No Selection	0	2.00
REF	Springfield	SANGAMON	Less Than 5%	0.34	Sunny	Calm/Ripple	E	Below Normal	1.2	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.34	Sunny	Calm/Ripple	E	Below Normal	1.2	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.34	Sunny	Calm/Ripple	E	Below Normal	1.2	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.34	Sunny	Calm/Ripple	E	Below Normal	1.2	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.34	Sunny	Calm/Ripple	E	Below Normal	1.2	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.19	Sunny	Calm/Ripple	NE	Below Normal	3.72	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.19	Sunny	Calm/Ripple	NE	Below Normal	3.72	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.19	Sunny	Calm/Ripple	NE	Below Normal	3.72	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.19	Sunny	Calm/Ripple	NE	Below Normal	3.72	3.00

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REF	Springfield	08-May-18	10:32	REF-1	24	FALSE	FALSE	0	7	22.5
REF	Springfield	08-May-18	10:13	REF-2	18	FALSE	FALSE	0	17	18.0
REF	Springfield	08-May-18	09:55	REF-3	12	FALSE	FALSE	0	17	11.0
REF	Springfield	08-May-18	09:42	REF-5	11	FALSE	FALSE	0	8	7.0
REF	Springfield	08-May-18	09:18	REF-6	13	FALSE	FALSE	0	7	7.0
REF	Springfield	24-May-18	10:43	REF-1	33	FALSE	FALSE	0	17	22.5
REF	Springfield	24-May-18	11:10	REF-2	22	FALSE	FALSE	0	7	19.0
REF	Springfield	24-May-18	11:25	REF-3	13	FALSE	FALSE	0	8	10.5
REF	Springfield	24-May-18	11:37	REF-5	13	FALSE	FALSE	0	12	7.0
REF	Springfield	24-May-18	11:49	REF-6	14	FALSE	FALSE	0	13	7.5
REF	Springfield	07-Jun-18	09:35	REF-1	21	FALSE	FALSE	0	13	23.0
REF	Springfield	07-Jun-18	10:54	REF-2	19	FALSE	FALSE	0	12	17.5
REF	Springfield	07-Jun-18	11:07	REF-3	20	FALSE	FALSE	0	12	10.5
REF	Springfield	07-Jun-18	11:16	REF-5	15	FALSE	FALSE	0	15	6.5
REF	Springfield	07-Jun-18	11:29	REF-6	16	FALSE	FALSE	0	15	7.5
REF	Springfield	28-Jun-18	08:15	REF-1	25	FALSE	FALSE	0	10	22.5
REF	Springfield	28-Jun-18	08:37	REF-2	21	FALSE	FALSE	0	11	17.5
REF	Springfield	28-Jun-18	08:51	REF-3	12	FALSE	FALSE	0	12	10.5
REF	Springfield	28-Jun-18	09:01	REF-5	12	FALSE	FALSE	0	13	7.0
REF	Springfield	28-Jun-18	09:17	REF-6	14	FALSE	FALSE	0	13	8.0
REF	Springfield	11-Jul-18	08:24	REF-1	24	FALSE	FALSE	0	12	22.0
REF	Springfield	11-Jul-18	08:52	REF-2	20	FALSE	FALSE	0	7	17.0
REF	Springfield	11-Jul-18	09:08	REF-3	14	FALSE	FALSE	0	12	10.0
REF	Springfield	11-Jul-18	09:19	REF-5	10	FALSE	FALSE	0	15	6.0
REF	Springfield	11-Jul-18	09:39	REF-6	9	FALSE	FALSE	0	12	8.0
REF	Springfield	25-Jul-18	09:27	REF-1	20	FALSE	FALSE	0	15	22.0
REF	Springfield	25-Jul-18	10:00	REF-2	16	FALSE	FALSE	0	9	17.5
REF	Springfield	25-Jul-18	10:15	REF-3	11	FALSE	FALSE	0	12	10.0
REF	Springfield	25-Jul-18	10:34	REF-5	9	FALSE	FALSE	0	13	6.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REF	Springfield	SANGAMON	Less Than 5%	0.19	Sunny	Calm/Ripple	NE	Below Normal	3.72	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.30	Sunny	Calm/Ripple	W	Below Normal	0.08	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.30	Sunny	Calm/Ripple	W	Below Normal	0.08	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.30	Sunny	Calm/Ripple	W	Below Normal	0.08	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.30	Sunny	Calm/Ripple	W	Below Normal	0.08	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.30	Sunny	Calm/Ripple	W	Below Normal	0.08	3.00
REF	Springfield	SANGAMON	Less Than 5%	2.61	Sunny	Calm/Ripple	NE	Above Normal	2.16	3.00
REF	Springfield	SANGAMON	Less Than 5%	2.61	Sunny	Calm/Ripple	NE	Above Normal	2.16	3.00
REF	Springfield	SANGAMON	Less Than 5%	2.61	Sunny	Calm/Ripple	NE	Above Normal	2.16	3.00
REF	Springfield	SANGAMON	Less Than 5%	2.61	Sunny	Calm/Ripple	NE	Above Normal	2.16	3.00
REF	Springfield	SANGAMON	Less Than 5%	2.61	Sunny	Calm/Ripple	NE	Above Normal	2.16	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2.16	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2.16	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2.16	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2.16	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	2.16	3.00
REF	Springfield	SANGAMON	Less Than 5%	0.60	Sunny	Calm/Ripple	E	Above Normal	2.16	2.00
REF	Springfield	SANGAMON	Less Than 5%	0.60	Sunny	Calm/Ripple	E	Above Normal	2.16	2.00
REF	Springfield	SANGAMON	Less Than 5%	0.60	Sunny	Calm/Ripple	E	Above Normal	2.16	2.00
REF	Springfield	SANGAMON	Less Than 5%	0.60	Sunny	Calm/Ripple	E	Above Normal	2.16	2.00
REF	Springfield	SANGAMON	Less Than 5%	0.60	Sunny	Calm/Ripple	E	Above Normal	2.16	2.00
REF	Springfield	SANGAMON	Less Than 5%	0.60	Sunny	Calm/Ripple	SE	Below Normal	6.24	2.00
REF	Springfield	SANGAMON	Less Than 5%	0.60	Sunny	Calm/Ripple	SE	Below Normal	6.24	2.00
REF	Springfield	SANGAMON	Less Than 5%	0.60	Sunny	Calm/Ripple	SE	Below Normal	6.24	2.00
REF	Springfield	SANGAMON	Less Than 5%	0.60	Sunny	Calm/Ripple	SE	Below Normal	6.24	2.00
REF	Springfield	SANGAMON	Less Than 5%	0.60	Sunny	Calm/Ripple	SE	Below Normal	6.24	2.00
UGF	St. Mary's	LAKE	Less Than 5%	0.60	Partly Cloudy	Calm/Ripple	W	No Selection	0	1.00
UGF	St. Mary's	LAKE	Less Than 5%	0.60	Partly Cloudy	Calm/Ripple	W	No Selection	0	1.00
UGF	St. Mary's	LAKE	Less Than 5%	0.60	Partly Cloudy	Calm/Ripple	W	No Selection	0	1.00
WGZJ	Sterling	LAKE	Less Than 5%	2.00	Sunny	Calm/Ripple	NONE	Above Normal	0	1.00
WGZJ	Sterling	LAKE	Less Than 5%	2.00	Sunny	Calm/Ripple	NONE	Above Normal	0	1.00
WGZJ	Sterling	LAKE	Less Than 5%	0.50	Sunny	Small Waves	SW	Normal or Full	0	1.00
WGZJ	Sterling	LAKE	Less Than 5%	0.50	Sunny	Small Waves	SW	Normal or Full	0	1.00

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REF	Springfield	25-Jul-18	10:51	REF-6	10	FALSE	FALSE	0	13	7.0
REF	Springfield	09-Aug-18	10:24	REF-1	23	FALSE	FALSE	0	8	21.5
REF	Springfield	09-Aug-18	10:24	REF-2	19	FALSE	FALSE	0	9	18.0
REF	Springfield	09-Aug-18	11:06	REF-3	15	FALSE	FALSE	0	13	10.0
REF	Springfield	09-Aug-18	11:16	REF-5	9	FALSE	FALSE	0	12	6.5
REF	Springfield	09-Aug-18	11:30	REF-6	9	FALSE	FALSE	0	13	7.0
REF	Springfield	22-Aug-18	09:39	REF-1	25	FALSE	FALSE	0	19	22.5
REF	Springfield	22-Aug-18	10:00	REF-2	22	FALSE	FALSE	0	16	17.5
REF	Springfield	22-Aug-18	10:13	REF-3	17	FALSE	FALSE	0	16	10.0
REF	Springfield	22-Aug-18	10:22	REF-5	15	FALSE	FALSE	0	15	7.0
REF	Springfield	22-Aug-18	10:55	REF-6	15	FALSE	FALSE	0	13	8.0
REF	Springfield	10-Sep-18	09:30	REF-1	23	FALSE	FALSE	0	17	22.5
REF	Springfield	10-Sep-18	09:50	REF-2	18	FALSE	FALSE	0	7	18.0
REF	Springfield	10-Sep-18	10:27	REF-3	12	FALSE	FALSE	0	8	10.0
REF	Springfield	10-Sep-18	10:38	REF-5	12	FALSE	FALSE	0	12	7.0
REF	Springfield	10-Sep-18	11:03	REF-6	11	FALSE	FALSE	0	8	8.0
REF	Springfield	27-Sep-18	13:41	REF-1	21	FALSE	FALSE	0	2	22.5
REF	Springfield	27-Sep-18	13:51	REF-2	16	FALSE	FALSE	0	3	17.5
REF	Springfield	27-Sep-18	14:09	REF-3	13	FALSE	FALSE	0	3	10.0
REF	Springfield	27-Sep-18	14:14	REF-5	10	FALSE	FALSE	0	12	6.5
REF	Springfield	27-Sep-18	14:24	REF-6	9	FALSE	FALSE	0	12	7.5
REF	Springfield	29-Oct-18	10:05	REF-1	20	FALSE	FALSE	0	3	23.0
REF	Springfield	29-Oct-18	10:29	REF-2	18	FALSE	FALSE	0	12	18.0
REF	Springfield	29-Oct-18	10:40	REF-3	16	FALSE	FALSE	0	17	10.0
REF	Springfield	29-Oct-18	10:48	REF-5	13	FALSE	FALSE	0	17	6.5
REF	Springfield	29-Oct-18	11:00	REF-6	12	FALSE	FALSE	0	17	8.0
UGF	St. Mary's	31-May-18	14:40	UGF-1	49	FALSE	FALSE	0	9	15.0
UGF	St. Mary's	31-May-18	14:50	UGF-2	55	FALSE	FALSE	0	8	9.5
UGF	St. Mary's	31-May-18	15:00	UGF-3	54	FALSE	FALSE	0	8	10.0
WGZJ	Sterling	22-May-18	14:18	WGZJ-1	148	FALSE	FALSE	0	8	24.0
WGZJ	Sterling	22-May-18	18:50	WGZJ-2	194	FALSE	FALSE	0	8	22.0
WGZJ	Sterling	17-Jun-18	09:35	WGZJ-1	195	FALSE	FALSE	1	8	24.5
WGZJ	Sterling	17-Jun-18	09:18	WGZJ-2	205	FALSE	FALSE	1	8	24.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
WGZJ	Sterling	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
WGZJ	Sterling	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
WGZJ	Sterling	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Below Normal	16	1.00
WGZJ	Sterling	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NE	Below Normal	16	1.00
WGZJ	Sterling	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	0	1.00
WGZJ	Sterling	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	E	Above Normal	0	1.00
WGZJ	Sterling	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
WGZJ	Sterling	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	SW	Above Normal	0	1.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Above Normal	2	3.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Above Normal	2	3.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Above Normal	2	3.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	0.50	Sunny	Calm/Ripple	E	Normal or Full	0	2.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	0.50	Sunny	Calm/Ripple	E	Normal or Full	0	2.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	0.50	Sunny	Calm/Ripple	E	Normal or Full	0	2.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	1.25	Partly Cloudy	Calm/Ripple	NE	Below Normal	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
WGZJ	Sterling		75 degrees: fishing, canoe, kayaking, dog(s) in the water, horse(s) in water on North end more plant debris	South lake clear, North lake turbid
WGZJ	Sterling		75 degrees: fishing, canoe, kayaking, dog(s) in the water, horse(s) in water on North end more plant debris	South lake clear, North lake turbid
WGZJ	Sterling	77 degrees F, fishing from shore and boats, kayaks, dogs, plant debris (black)	lake level is bridge center	
WGZJ	Sterling	77 degrees F, fishing from shore and boats, kayaks, dogs, plant debris (black)	lake level is bridge center	
WGZJ	Sterling		78 degrees F. Fishing from banks. rubber rafts. Kayakers on lake.	
WGZJ	Sterling		78 degrees F. Fishing from banks. rubber rafts. Kayakers on lake.	
WGZJ	Sterling	44 F. Trail walkers w/ dogs and horseback riders present. No boat or fishing activity	Wind speed: 5MPH	
WGZJ	Sterling	44 F. Trail walkers w/ dogs and horseback riders present. No boat or fishing activity	Wind speed: 5MPH	
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
REZN	Sunset	Rain storms for two days prior to monitoring		We have started to remove phragmites from side banks with brush cutters for two weeks (7/16-7/30)

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
WGZJ	Sterling	08-Jul-18	10:53	WGZJ-1	158	FALSE	FALSE	1	6	24.5
WGZJ	Sterling	08-Jul-18	10:30	WGZJ-2	210	FALSE	FALSE	1	1	20.5
WGZJ	Sterling	12-Aug-18	09:45	WGZJ-1	158	FALSE	FALSE	1	8	24.0
WGZJ	Sterling	12-Aug-18	09:15	WGZJ-2	157	FALSE	FALSE	1	9	20.0
WGZJ	Sterling	15-Sep-18	17:19	WGZJ-1	136	FALSE	FALSE	1	8	22.0
WGZJ	Sterling	15-Sep-18	16:58	WGZJ-2	126	FALSE	FALSE	1	7	9.5
WGZJ	Sterling	14-Oct-18	09:21	WGZJ-1	74	FALSE	FALSE	1	6	23.0
WGZJ	Sterling	14-Oct-18	08:50	WGZJ-2	114	FALSE	FALSE	1	8	19.0
REZN	Sunset	29-May-18	10:49	REZN-1	218	FALSE	FALSE	0	1	42.5
REZN	Sunset	29-May-18	10:15	REZN-2	216	FALSE	FALSE	0	1	41.0
REZN	Sunset	29-May-18	11:16	REZN-3	165	FALSE	FALSE	0	1	21.5
REZN	Sunset	27-Jun-18	13:39	REZN-1	135	FALSE	FALSE	0	1	43.0
REZN	Sunset	27-Jun-18	14:09	REZN-2	97	FALSE	FALSE	0	1	31.0
REZN	Sunset	27-Jun-18	14:35	REZN-3	113	FALSE	FALSE	0	1	23.0
REZN	Sunset	11-Jul-18	10:09	REZN-1	146	FALSE	FALSE	0	1	43.0
REZN	Sunset	11-Jul-18	10:38	REZN-2	126	FALSE	FALSE	0	1	32.0
REZN	Sunset	11-Jul-18	11:03	REZN-3	120	FALSE	FALSE	0	8	23.5
REZN	Sunset	31-Jul-18	09:39	REZN-1	137	FALSE	FALSE	0	1	31.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REZN	Sunset	CHAMPAIGN	Less Than 5%	1.25	Partly Cloudy	Calm/Ripple	NE	Below Normal	0	2.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	1.25	Partly Cloudy	Calm/Ripple	NE	Below Normal	0	2.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NONE	Normal or Full	0	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	4.00	Partly Cloudy	Calm/Ripple	N	Above Normal	2	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	4.00	Partly Cloudy	Calm/Ripple	N	Above Normal	2	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	4.00	Partly Cloudy	Calm/Ripple	N	Above Normal	2	4.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	8.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	8.00
REZN	Sunset	CHAMPAIGN	Less Than 5%	2.00	Partly Cloudy	Calm/Ripple	SW	Normal or Full	0	8.00
RPL	Sunset	LEE	Less Than 5%	0.10	Sunny	Calm/Ripple	NONE	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.10	Sunny	Calm/Ripple	NONE	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.10	Sunny	Calm/Ripple	NONE	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.60	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
REZN	Sunset	Rain storms for two days prior to monitoring		We have started to remove phragmites from side banks with brush cutters for two weeks (7/16-7/30)
REZN	Sunset	Rain storms for two days prior to monitoring		We have started to remove phragmites from side banks with brush cutters for two weeks (7/16-7/30)
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			There was Glyphosate sprayed along the shore for Phragmites treatment
REZN	Sunset			There was Glyphosate sprayed along the shore for Phragmites treatment
REZN	Sunset			There was Glyphosate sprayed along the shore for Phragmites treatment
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
REZN	Sunset			
RPL	Sunset		Surface water temperature - 65 degrees F, No aquatic vegetation noted	Whole lake hydraulically dredged in March 2018
RPL	Sunset		Surface water temperature - 65 degrees F, No aquatic vegetation noted	Whole lake hydraulically dredged in March 2018
RPL	Sunset		Surface water temperature - 65 degrees F, No aquatic vegetation noted	Whole lake hydraulically dredged in March 2018
RPL	Sunset		Canada geese - 5 adult and 4 goslings, no vegetation noted	Started air diffuser on 5/18/18, treated shoreline zone for filamentous algae on 5/16/18 using Granular Cutrine Plus.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REZN	Sunset	31-Jul-18	10:00	REZN-2	108	FALSE	FALSE	0	1	30.5
REZN	Sunset	31-Jul-18	10:16	REZN-3	149	FALSE	FALSE	0	1	22.0
REZN	Sunset	23-Aug-18	08:52	REZN-1	134	FALSE	FALSE	0	1	42.5
REZN	Sunset	23-Aug-18	09:37	REZN-2	117	FALSE	FALSE	0	1	33.5
REZN	Sunset	23-Aug-18	09:59	REZN-3	125	FALSE	FALSE	0	1	22.0
REZN	Sunset	11-Oct-18	08:30	REZN-1	114	FALSE	FALSE	0	1	43.0
REZN	Sunset	11-Oct-18	09:11	REZN-2	96	FALSE	FALSE	0	1	30.0
REZN	Sunset	11-Oct-18	09:30	REZN-3	76	FALSE	FALSE	0	1	28.0
REZN	Sunset	10-Sep-18	14:34	REZN-1	91	FALSE	FALSE	0	1	46.0
REZN	Sunset	10-Sep-18	15:03	REZN-2	91	FALSE	FALSE	0	1	32.0
REZN	Sunset	10-Sep-18	15:20	REZN-3	70	FALSE	FALSE	0	1	22.5
REZN	Sunset	25-Sep-18	14:15	REZN-1	128	FALSE	FALSE	0	1	48.0
REZN	Sunset	25-Sep-18	14:34	REZN-2	114	FALSE	FALSE	0	1	32.0
REZN	Sunset	25-Sep-18	14:48	REZN-3	114	FALSE	FALSE	0	1	23.0
RPL	Sunset	07-May-18	10:09	RPL-1	68	FALSE	FALSE	0	12	7.0
RPL	Sunset	07-May-18	10:15	RPL-2	67	FALSE	FALSE	0	12	7.5
RPL	Sunset	07-May-18	10:19	RPL-3	65	FALSE	FALSE	0	12	7.0
RPL	Sunset	22-May-18	09:58	RPL-1	59	FALSE	FALSE	0	3	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPL	Sunset	LEE	Less Than 5%	0.60	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.60	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Sunny	Small Waves	N	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Sunny	Small Waves	N	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Sunny	Small Waves	N	Normal or Full	0	0.50
RPL	Sunset	LEE	No Selection	0.00	Sunny	Small Waves	S	Normal or Full	0	0.50
RPL	Sunset	LEE	No Selection	0.00	Sunny	Small Waves	S	Normal or Full	0	0.50
RPL	Sunset	LEE	No Selection	0.00	Sunny	Small Waves	S	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
RPL	Sunset		Canada geese - 5 adult and 4 goslings, no vegetation noted	Started air diffuser on 5/18/18, treated shoreline zone for filamentous algae on 5/16/18 using Granular Cutrine Plus.
RPL	Sunset		Canada geese - 5 adult and 4 goslings, no vegetation noted	Started air diffuser on 5/18/18, treated shoreline zone for filamentous algae on 5/16/18 using Granular Cutrine Plus.
RPL	Sunset		Milfoil sp. (sparse) some along shoreline, floating leaved pondweed present along shorelines	none
RPL	Sunset		Milfoil sp. (sparse) some along shoreline, floating leaved pondweed present along shorelines	none
RPL	Sunset		Milfoil sp. (sparse) some along shoreline, floating leaved pondweed present along shorelines	none
RPL	Sunset	Heavy rains throughout the period and high heat.	Milfoil sp. present along shorelines, Filamentous algae present, Appears to be a blue-green plankton bloom but no scum on water surface.	Treated along entire shoreline on 6/5/2018 using cutrine granular.
RPL	Sunset	Heavy rains throughout the period and high heat.	Milfoil sp. present along shorelines, Filamentous algae present, Appears to be a blue-green plankton bloom but no scum on water surface.	Treated along entire shoreline on 6/5/2018 using cutrine granular.
RPL	Sunset	Heavy rains throughout the period and high heat.	Milfoil sp. present along shorelines, Filamentous algae present, Appears to be a blue-green plankton bloom but no scum on water surface.	Treated along entire shoreline on 6/5/2018 using cutrine granular.
RPL	Sunset		Filamentous algae along shoreline, not heavy. Duckweed sp. present, floating leaved pondweed along shoreline, milfoil sp., slight greenish brown scum on north end of lake. This was not a heavy scum.	

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPL	Sunset	22-May-18	10:04	RPL-2	54	FALSE	FALSE	0	3	7.5
RPL	Sunset	22-May-18	10:09	RPL-3	56	FALSE	FALSE	0	3	7.5
RPL	Sunset	04-Jun-18	14:19	RPL-1	44	FALSE	FALSE	0	3	7.0
RPL	Sunset	04-Jun-18	14:25	RPL-2	37	FALSE	FALSE	0	3	7.0
RPL	Sunset	04-Jun-18	14:29	RPL-3	39	FALSE	FALSE	0	3	7.0
RPL	Sunset	29-Jun-18	09:46	RPL-1	16	FALSE	FALSE	1	8	7.5
RPL	Sunset	29-Jun-18	10:02	RPL-2	16	FALSE	FALSE	0	8	7.0
RPL	Sunset	29-Jun-18	10:05	RPL-3	17	FALSE	FALSE	0	8	7.5
RPL	Sunset	11-Jul-18	11:39	RPL-1	44	FALSE	FALSE	0	3	7.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPL	Sunset	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Sunny	Calm/Ripple	NW	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	0.50
RPL	Sunset	LEE	Less Than 5%	0.00	Partly Cloudy	Small Waves	W	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.01	Partly Cloudy	Small Waves	NW	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.01	Partly Cloudy	Small Waves	NW	Normal or Full	0	0.50

Lake Code	Waterbody	Observations	Other Information	Management
			Filamentous algae along shoreline, not heavy. Duckweed sp. present, floating leaved pondweed along shoreline, milfoil sp., slight greenish brown scum on north end of lake. This was not a heavy scum.	
RPL	Sunset		Filamentous algae along shoreline, not heavy. Duckweed sp. present, floating leaved pondweed along shoreline, milfoil sp., slight greenish brown scum on north end of lake. This was not a heavy scum.	
RPL	Sunset		Floating leaved pondweed present along shoreline, milfoil sp.	None
RPL	Sunset		Floating leaved pondweed present along shoreline, milfoil sp.	None
RPL	Sunset		Floating leaved pondweed present along shoreline, milfoil sp.	None
RPL	Sunset		Milfoil sp., floating leaved pondweed, filamentous algae, lilly pads water smartweed, arrowhead plant	none
RPL	Sunset		Milfoil sp., floating leaved pondweed, filamentous algae, lilly pads water smartweed, arrowhead plant	none
RPL	Sunset		Milfoil sp., floating leaved pondweed, filamentous algae, lilly pads water smartweed, arrowhead plant	none
RPL	Sunset	None	Milfoil sp., floating leaved pond weed, filamentous algae, lilly pads, pondweed sp., duckweed sp. (vegetation along shorelines)	None
RPL	Sunset	None	Milfoil sp., floating leaved pond weed, filamentous algae, lilly pads, pondweed sp., duckweed sp. (vegetation along shorelines)	None

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPL	Sunset	11-Jul-18	11:47	RPL-2	48	FALSE	FALSE	0	3	7.0
RPL	Sunset	11-Jul-18	11:52	RPL-3	48	FALSE	FALSE	0	3	7.0
RPL	Sunset	24-Jul-18	10:02	RPL-1	36	FALSE	FALSE	0	12	7.0
RPL	Sunset	24-Jul-18	10:17	RPL-2	36	FALSE	FALSE	0	12	7.5
RPL	Sunset	24-Jul-18	10:22	RPL-3	36	FALSE	FALSE	0	12	7.0
RPL	Sunset	02-Aug-18	10:21	RPL-1	41	FALSE	FALSE	0	13	7.0
RPL	Sunset	02-Aug-18	10:33	RPL-2	47	FALSE	FALSE	0	12	7.0
RPL	Sunset	02-Aug-18	10:37	RPL-3	51	FALSE	FALSE	0	3	7.0
RPL	Sunset	22-Aug-18	13:54	RPL-1	37	FALSE	FALSE	0	12	7.0
RPL	Sunset	22-Aug-18	14:02	RPL-2	37	FALSE	FALSE	0	12	7.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPL	Sunset	LEE	5% To 25%	0.01	Partly Cloudy	Small Waves	NW	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	0.50
RPL	Sunset	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	0.50
UDH	Sunset	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple				4.00
UDH	Sunset	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple				4.00

Lake Code	Waterbody	Observations	Other Information	Management
RPL	Sunset	None	Milfoil sp., floating leaved pond weed, filamentous algae, lilly pads, pondweed sp., duckweed sp. (vegetation along shorelines)	None
RPL	Sunset		Milfoil sp., Duckweed sp. (sparse), Floating leaved pondweed along margin of lake, filamentous algae. 9 Canada geese noted on shoreline.	none
RPL	Sunset		Milfoil sp., Duckweed sp. (sparse), Floating leaved pondweed along margin of lake, filamentous algae. 9 Canada geese noted on shoreline.	none
RPL	Sunset		Milfoil sp., Duckweed sp. (sparse), Floating leaved pondweed along margin of lake, filamentous algae. 9 Canada geese noted on shoreline.	none
RPL	Sunset	NOne	Floating leaved pondweed along margin of lake, another pondweed sp. along margin of lake, 6 Canada geese on lake	None
RPL	Sunset	NOne	Floating leaved pondweed along margin of lake, another pondweed sp. along margin of lake, 6 Canada geese on lake	None
RPL	Sunset	NOne	Floating leaved pondweed along margin of lake, another pondweed sp. along margin of lake, 6 Canada geese on lake	None
RPL	Sunset	Significant precipitation over the Columbus Day weekend with up to 3 inches measured.	Milfoil sp., duckweed sp., floating leaved pondweed, filamentous algae	none
RPL	Sunset	Significant precipitation over the Columbus Day weekend with up to 3 inches measured.	Milfoil sp., duckweed sp., floating leaved pondweed, filamentous algae	none
RPL	Sunset	Significant precipitation over the Columbus Day weekend with up to 3 inches measured.	Milfoil sp., duckweed sp., floating leaved pondweed, filamentous algae	none
UDH	Sunset			
UDH	Sunset			

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPL	Sunset	22-Aug-18	14:07	RPL-3	34	FALSE	FALSE	0	3	7.0
RPL	Sunset	12-Sep-18	13:05	RPL-1	37	FALSE	FALSE	0	12	7.0
RPL	Sunset	12-Sep-18	13:18	RPL-2	36	FALSE	FALSE	0	12	7.5
RPL	Sunset	12-Sep-18	13:22	RPL-3	40	FALSE	FALSE	0	12	7.0
RPL	Sunset	24-Sep-18	11:29	RPL-1	36	FALSE	FALSE	0	12	7.5
RPL	Sunset	24-Sep-18	11:39	RPL-2	37	FALSE	FALSE	0	12	7.0
RPL	Sunset	24-Sep-18	11:45	RPL-3	40	FALSE	FALSE	0	12	7.0
RPL	Sunset	09-Oct-18	14:05	RPL-1	88	TRUE	FALSE	0	3	7.0
RPL	Sunset	09-Oct-18	14:10	RPL-2	88	TRUE	FALSE	0	3	7.5
RPL	Sunset	09-Oct-18	14:14	RPL-3	84	TRUE	FALSE	0	3	7.0
UDH	Sunset	04-Sep-18	10:21	UDH-1	44	FALSE	FALSE	0	13	27.0
UDH	Sunset	04-Sep-18	10:03	UDH-2	48	FALSE	FALSE	0	13	14.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
UDH	Sunset	MACOUPIN	Less Than 5%	0.00	Sunny	Calm/Ripple				4.00
UDH	Sunset	MACOUPIN	Less Than 5%	0.50	Sunny	Calm/Ripple	NONE	Normal or Full	0	4.00
UDH	Sunset	MACOUPIN	Less Than 5%	0.50	Sunny	Calm/Ripple	NONE	Normal or Full	0	4.00
UDH	Sunset	MACOUPIN	Less Than 5%	0.50	Sunny	Calm/Ripple	NONE	Normal or Full	0	4.00
UDH	Sunset	MACOUPIN	Less Than 5%	0.50	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
UDH	Sunset	MACOUPIN	Less Than 5%	0.50	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
UDH	Sunset	MACOUPIN	Less Than 5%	0.50	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
WGZY	Swan	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	15	6.00
WGZY	Swan	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	15	6.00
WGZY	Swan	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Above Normal	13	6.00
WGZY	Swan	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Above Normal	13	6.00
WGZY	Swan	COOK	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	10.8	4.00
WGZY	Swan	COOK	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	10.8	4.00
WGZY	Swan	COOK	Less Than 5%	1.29	Sunny	Calm/Ripple	E	Above Normal	10.3	3.00
WGZY	Swan	COOK	Less Than 5%	1.29	Sunny	Calm/Ripple	E	Above Normal	10.3	3.00

Lake Code	Waterbody	Observations	Other Information	Management
UDH	Sunset			
UDH	Sunset			
UDH	Sunset			
UDH	Sunset			
UDH	Sunset	None		
UDH	Sunset	None		
UDH	Sunset	None		
WGZY	Swan			Four triploid grass carp were released into Swan Lake from another zoo exhibit in November 2017. Winter aeration system (3 diffusers on west side of lake) is running.
WGZY	Swan			Four triploid grass carp were released into Swan Lake from another zoo exhibit in November 2017. Winter aeration system (3 diffusers on west side of lake) is running.
WGZY	Swan			Winter aeration system was turned off on 3/23/18. No aeration currently running.
WGZY	Swan			Winter aeration system was turned off on 3/23/18. No aeration currently running.
WGZY	Swan		No Spatterdock seen around South Island; usually comes up in May.	No aeration running.
WGZY	Swan		No Spatterdock seen around South Island; usually comes up in May.	No aeration running.
WGZY	Swan		No Spatterdock seen around South Island. The zoo's Trumpeter Swan was relocated over the winter, and a pair of Cormorants were seen on the lake.	Summer aeration system is running. It was turned on on 5/2/18.
WGZY	Swan		No Spatterdock seen around South Island. The zoo's Trumpeter Swan was relocated over the winter, and a pair of Cormorants were seen on the lake.	Summer aeration system is running. It was turned on on 5/2/18.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
UDH	Sunset	04-Sep-18	10:35	UDH-3		FALSE	FALSE	0	17	16.5
UDH	Sunset	28-Sep-18	11:35	UDH-1	39	FALSE	FALSE	0	16	14.5
UDH	Sunset	28-Sep-18	11:45	UDH-2	46	FALSE	FALSE	0	16	28.5
UDH	Sunset	28-Sep-18	12:05	UDH-3	36	FALSE	FALSE	0	15	10.5
UDH	Sunset	29-Oct-18	18:19	UDH-2	41	FALSE	FALSE	0	14	27.0
UDH	Sunset	29-Oct-18	18:01	UDH-1	34	FALSE	FALSE	0	15	10.0
UDH	Sunset	29-Oct-18	18:33	UDH-3	37	FALSE	FALSE	0	15	13.0
WGZY	Swan	19-Mar-18	10:25	WGZY-1	66	FALSE	FALSE	0	3	13.0
WGZY	Swan	19-Mar-18	11:12	WGZY-2	65	FALSE	FALSE	0	3	12.5
WGZY	Swan	20-Apr-18	11:10	WGZY-1	53	FALSE	FALSE	0	12	13.5
WGZY	Swan	20-Apr-18	10:45	WGZY-2	52	FALSE	FALSE	0	12	12.5
WGZY	Swan	01-May-18	10:42	WGZY-1	109	FALSE	FALSE	0	3	13.0
WGZY	Swan	01-May-18	10:20	WGZY-2	116	FALSE	FALSE	0	3	12.0
WGZY	Swan	16-May-18	11:03	WGZY-1	113	FALSE	FALSE	0	12	13.0
WGZY	Swan	16-May-18	10:20	WGZY-2	110	FALSE	FALSE	0	12	12.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
WGZY	Swan	COOK	Less Than 5%	0.22	Partly Cloudy	Calm/Ripple	SW	Above Normal	10.3	6.00
WGZY	Swan	COOK	Less Than 5%	0.22	Partly Cloudy	Calm/Ripple	SW	Above Normal	10.3	6.00
WGZY	Swan	COOK	Less Than 5%	0.09	Partly Cloudy	Calm/Ripple	W	Above Normal	8.9	6.00
WGZY	Swan	COOK	Less Than 5%	0.09	Partly Cloudy	Calm/Ripple	W	Above Normal	8.9	6.00
WGZY	Swan	COOK	Less Than 5%	0.96	Overcast	Calm/Ripple	W	Above Normal	12.5	6.00
WGZY	Swan	COOK	Less Than 5%	0.96	Overcast	Calm/Ripple	W	Above Normal	12.5	6.00
WGZY	Swan	COOK	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	8.2	6.00
WGZY	Swan	COOK	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	8.2	6.00
WGZY	Swan	COOK	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	8.2	6.00
WGZY	Swan	COOK	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Above Normal	8.2	6.00

Lake Code	Waterbody	Observations	Other Information	Management
WGZY	Swan		No Spatterdock seen around South Island.	Summer aeration system is running.
WGZY	Swan		No Spatterdock seen around South Island.	Summer aeration system is running.
WGZY	Swan		A lot of rain last week (~1.5 inches), and a lot of cotton seed on the surface of the lake. Also seeing algae around the shoreline and islands. Microscopically identified Spirogyra and potentially small amounts of Anabaena (no bloom).	Summer aeration system is running.
WGZY	Swan		A lot of rain last week (~1.5 inches), and a lot of cotton seed on the surface of the lake. Also seeing algae around the shoreline and islands. Microscopically identified Spirogyra and potentially small amounts of Anabaena (no bloom).	Summer aeration system is running.
WGZY	Swan		Bluegreen algae present; HAB form submitted, and sample taken. Anabaena and Microcystis identified microscopically.	Summer aeration system is running. Added 16 Eco-Sock bacterial packets.
WGZY	Swan		Bluegreen algae present; HAB form submitted, and sample taken. Anabaena and Microcystis identified microscopically.	Summer aeration system is running. Added 16 Eco-Sock bacterial packets.
WGZY	Swan	More blue green algae than last time, and still no spatterdock around the south island.	Wolfia (Water meal), Anabaena, and microcystis.	Summer aeration system is running. Added 16 gallons of Bio Lake Clear liquid pond bacteria.
WGZY	Swan	More blue green algae than last time, and still no spatterdock around the south island.	Wolfia (Water meal), Anabaena, and microcystis.	Summer aeration system is running. Added 16 gallons of Bio Lake Clear liquid pond bacteria.
WGZY	Swan	More bluegreen algae than last time, and still no Spatterdock around the South Island.	Wolfia, Anabaena, and Microcystis present.	Summer aeration system running. Added 16 gallons of Bio Lake Clear liquid pond bacteria.
WGZY	Swan	More bluegreen algae than last time, and still no Spatterdock around the South Island.	Wolfia, Anabaena, and Microcystis present.	Summer aeration system running. Added 16 gallons of Bio Lake Clear liquid pond bacteria.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
WGZY	Swan	31-May-18	11:15	WGZY-1	153	FALSE	FALSE	0	12	13.0
WGZY	Swan	31-May-18	11:00	WGZY-2	153	FALSE	FALSE	0	12	12.5
WGZY	Swan	13-Jun-18	10:03	WGZY-1	94	FALSE	FALSE	1	3	13.0
WGZY	Swan	13-Jun-18	10:35	WGZY-2	83	FALSE	FALSE	0	3	12.0
WGZY	Swan	27-Jun-18	10:50	WGZY-1	91	FALSE	FALSE	0	3	13.0
WGZY	Swan	27-Jun-18	10:35	WGZY-2	87	FALSE	FALSE	0	3	11.5
WGZY	Swan	10-Jul-18	10:00	WGZY-1	30	FALSE	FALSE	1	12	12.5
WGZY	Swan	10-Jul-18	10:30	WGZY-2	24	FALSE	FALSE	0	12	11.5
WGZY	Swan	10-Jul-18	10:00	WGZY-1	30	FALSE	FALSE	1	12	12.5
WGZY	Swan	10-Jul-18	10:30	WGZY-2	24	FALSE	FALSE	0	12	11.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
WGZY	Swan	COOK	5% To 25%	0.00	Sunny	Calm/Ripple	E	Above Normal	4.2	6.00
WGZY	Swan	COOK	5% To 25%	0.00	Sunny	Calm/Ripple	E	Above Normal	4.2	6.00
WGZY	Swan	COOK	Less Than 5%	0.08	Hazy	Calm/Ripple	E	Normal or Full	0	6.00
WGZY	Swan	COOK	Less Than 5%	0.08	Hazy	Calm/Ripple	E	Normal or Full	0	6.00
WGZY	Swan	COOK	Less Than 5%	0.32	Sunny	Calm/Ripple	SE	Normal or Full	0	6.00
WGZY	Swan	COOK	Less Than 5%	0.32	Sunny	Calm/Ripple	SE	Normal or Full	0	6.00
WGZY	Swan	COOK	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	2.00
WGZY	Swan	COOK	5% To 25%	0.00	Sunny	Calm/Ripple	E	Normal or Full	0	2.00
WGZY	Swan	COOK	5% To 25%	0.76	Partly Cloudy	Calm/Ripple	NW	Below Normal	1.8	2.00

Lake Code	Waterbody	Observations	Other Information	Management
WGZY	Swan		No Spatterdock around south island. Bluegreen algae (Anabaena and Microcystis), Wolffia, and Duckweed are present. The Wolffia is mostly on the east side of the lake, and the bluegreens are on the west side of the lake.	The summer aeration system is running.
WGZY	Swan		No Spatterdock around south island. Bluegreen algae (Anabaena and Microcystis), Wolffia, and Duckweed are present. The Wolffia is mostly on the east side of the lake, and the bluegreens are on the west side of the lake.	The summer aeration system is running.
WGZY	Swan	No Spatterdock seen around south island.	Scattered bluegreen algae, Wolffia, and suspended filamentous green algae (looks like Aphanizomenon under microscope).	Summer aeration system is running. Added 25 pounds of NT Max Lake & Pond sediment digester.
WGZY	Swan	No Spatterdock seen around south island.	Scattered bluegreen algae, Wolffia, and suspended filamentous green algae (looks like Aphanizomenon under microscope).	Summer aeration system is running. Added 25 pounds of NT Max Lake & Pond sediment digester.
WGZY	Swan		Bluegreen algae (Anabaena, and Microcystis) and Wolffia are present. No Spatterdock seen around south island.	Summer aeration system is running.
WGZY	Swan		Bluegreen algae (Anabaena, and Microcystis) and Wolffia are present. No Spatterdock seen around south island.	Summer aeration system is running.
WGZY	Swan		Wolffia, bluegreen algae Anabaena, Microcystis) present.	Summer aeration system is running.
WGZY	Swan		Wolffia, bluegreen algae Anabaena, Microcystis) present.	Summer aeration system is running.
WGZY	Swan		Wolffia, bluegreen algae present.	Summer aeration system is running. Added 16 gallons of Bio Lake Clear liquid bacteria treatment.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
WGZY	Swan	25-Jul-18	10:20	WGZY-1	21	FALSE	FALSE	1	12	12.5
WGZY	Swan	25-Jul-18	10:10	WGZY-2	21	FALSE	FALSE	0	12	11.0
WGZY	Swan	10-Aug-18	10:00	WGZY-1	16	FALSE	FALSE	1	12	11.5
WGZY	Swan	10-Aug-18	10:15	WGZY-2	17	FALSE	FALSE	0	12	11.0
WGZY	Swan	22-Aug-18	10:00	WGZY-1	13	FALSE	FALSE	0	12	12.5
WGZY	Swan	22-Aug-18	10:20	WGZY-2	14	FALSE	FALSE	0	12	10.5
WGZY	Swan	14-Sep-18	11:20	WGZY-1	17	FALSE	FALSE	1	12	12.5
WGZY	Swan	14-Sep-18	11:07	WGZY-2	11	FALSE	FALSE	0	12	11.0
WGZY	Swan	26-Sep-18	10:50	WGZY-1	11	FALSE	FALSE	0	12	12.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
WGZY	Swan	COOK	5% To 25%	0.76	Partly Cloudy	Calm/Ripple	NW	Below Normal	1.8	2.00
WGZY	Swan	COOK	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	2.00
WGZY	Swan	COOK	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	2.00
WGZY	Swan	COOK	Less Than 5%	0.81	Partly Cloudy	Calm/Ripple	S	Above Normal	2.2	2.00
WGZY	Swan	COOK	Less Than 5%	0.81	Partly Cloudy	Calm/Ripple	S	Above Normal	2.2	2.00
RGW	Third	LAKE	Less Than 5%	0.00	Hazy	Small Waves	N	Normal or Full	0	1.00
RGW	Third	LAKE	Less Than 5%	0.00	Hazy	Small Waves	N	Normal or Full	0	1.00
RGW	Third	LAKE	Less Than 5%	0.00	Hazy	Small Waves	N	Normal or Full	0	1.00
RGW	Third	LAKE	Less Than 5%	2.50	Hazy	Small Waves	W	Above Normal	3	1.00
RGW	Third	LAKE	Less Than 5%	2.50	Hazy	Small Waves	W	Above Normal	3	1.00
RGW	Third	LAKE	Less Than 5%	2.50	Hazy	Small Waves	W	Above Normal	3	1.00
RGW	Third	LAKE	Less Than 5%	1.04	Partly Cloudy	Small Waves	NE	Above Normal	2	1.00
RGW	Third	LAKE	Less Than 5%	1.04	Partly Cloudy	Small Waves	NE	Above Normal	2	1.00
RGW	Third	LAKE	Less Than 5%	1.04	Partly Cloudy	Small Waves	NE	Above Normal	2	1.00
RGW	Third	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RGW	Third	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RGW	Third	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RGW	Third	LAKE	No Selection	2.74	Partly Cloudy	Calm/Ripple	NW	Above Normal	5	1.00
RGW	Third	LAKE	No Selection	2.74	Partly Cloudy	Calm/Ripple	NW	Above Normal	5	1.00

Lake Code	Waterbody	Observations	Other Information	Management
WGZY	Swan		Wolffia, bluegreen algae present.	Summer aeration system is running. Added 16 gallons of Bio Lake Clear liquid bacteria treatment.
WGZY	Swan		Scattered bluegreen algae on the east and west shorelines. The Wolffia is gone.	Summer aeration system is running. Added 50 pounds of Young Enterprises microbes to help digest sediment.
WGZY	Swan		Scattered bluegreen algae on the east and west shorelines. The Wolffia is gone.	Summer aeration system is running. Added 50 pounds of Young Enterprises microbes to help digest sediment.
WGZY	Swan		Some scattered bluegreen algae seen.	The summer aeration system is running. McCloud Aquatics added 150 pounds of MD Pellets (cold water probiotic) on 10/26.
WGZY	Swan		Some scattered bluegreen algae seen.	The summer aeration system is running. McCloud Aquatics added 150 pounds of MD Pellets (cold water probiotic) on 10/26.
RGW	Third	lake aerators have been turned on		
RGW	Third	lake aerators have been turned on		
RGW	Third	lake aerators have been turned on		
RGW	Third	Aerators have NOT been turned on		
RGW	Third	Aerators have NOT been turned on		
RGW	Third	Aerators have NOT been turned on		
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third	Clark Environmental treated for weeds 6/22. Heavy rain fall in the last 24 hours		
RGW	Third	Clark Environmental treated for weeds 6/22. Heavy rain fall in the last 24 hours		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
WGZY	Swan	26-Sep-18	10:30	WGZY-2	12	FALSE	FALSE	0	12	11.0
WGZY	Swan	22-Oct-18	11:10	WGZY-1	14	FALSE	FALSE	0	12	12.5
WGZY	Swan	22-Oct-18	10:45	WGZY-2	12	FALSE	FALSE	0	12	11.0
WGZY	Swan	31-Oct-18	10:30	WGZY-1	17	FALSE	FALSE	0	12	12.5
WGZY	Swan	31-Oct-18	10:10	WGZY-2	14	FALSE	FALSE	0	12	11.5
RGW	Third	29-May-18	11:45	RGW-1	79	FALSE	FALSE	0	12	66.0
RGW	Third	29-May-18	11:58	RGW-2	75	FALSE	FALSE	0	12	28.0
RGW	Third	29-May-18	12:08	RGW-3	71	FALSE	FALSE	0	12	13.0
RGW	Third	14-May-18	15:25	RGW-1	50	FALSE	FALSE	0	12	66.5
RGW	Third	14-May-18	15:36	RGW-2	148	FALSE	FALSE	0	12	27.0
RGW	Third	14-May-18	15:44	RGW-3	12	FALSE	FALSE	0	12	13.0
RGW	Third	24-Jun-18	20:04	RGW-1	135	FALSE	FALSE	0	16	33.0
RGW	Third	24-Jun-18	20:11	RGW-2	125	FALSE	FALSE	0	11	21.0
RGW	Third	24-Jun-18	20:19	RGW-3	123	FALSE	FALSE	0	11	18.5
RGW	Third	15-Jun-18	13:12	RGW-1	112	FALSE	FALSE	-1	12	66.0
RGW	Third	15-Jun-18	13:22	RGW-2	96	FALSE	FALSE	-1	12	26.0
RGW	Third	15-Jun-18	13:33	RGW-3	77	FALSE	FALSE	-1	12	20.0
RGW	Third	27-Jun-18	13:50	RGW-1	28	FALSE	FALSE	-1	12	67.0
RGW	Third	27-Jun-18	14:02	RGW-2	15	FALSE	FALSE	-1	12	29.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGW	Third	LAKE	No Selection	2.74	Partly Cloudy	Calm/Ripple	NW	Above Normal	5	1.00
RGW	Third	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	W	Below Normal	2	2.00
RGW	Third	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	W	Below Normal	2	2.00
RGW	Third	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	W	Below Normal	2	2.00
RGW	Third	LAKE	No Selection	0.00	Hazy	Small Waves	NE	Below Normal	5	2.00
RGW	Third	LAKE	No Selection	0.00	Hazy	Small Waves	NE	Below Normal	5	2.00
RGW	Third	LAKE	No Selection	0.00	Hazy	Small Waves	NE	Below Normal	5	2.00
RGW	Third	LAKE	No Selection	0.00	Sunny	Calm/Ripple	NONE	Below Normal	4	2.00
RGW	Third	LAKE	No Selection	0.00	Sunny	Calm/Ripple	NONE	Below Normal	4	2.00
RGW	Third	LAKE	No Selection	0.00	Sunny	Calm/Ripple	NONE	Below Normal	4	2.00
RGW	Third	LAKE	No Selection	0.50	Partly Cloudy	Moderate Waves	S	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	0.50	Partly Cloudy	Moderate Waves	S	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	0.50	Partly Cloudy	Moderate Waves	S	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	1.75	Overcast	Small Waves	NE	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	1.75	Overcast	Small Waves	NE	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	1.75	Overcast	Small Waves	NE	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	0.10	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	0.10	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	0.10	Partly Cloudy	Calm/Ripple	SE	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	0.00	Sunny	Moderate Waves	NW	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	0.00	Sunny	Moderate Waves	NW	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	0.00	Sunny	Moderate Waves	NW	Normal or Full	0	2.00
RGW	Third	LAKE	No Selection	1.80	Hazy	Small Waves	SW	Above Normal	5	2.00
RGW	Third	LAKE	No Selection	1.80	Hazy	Small Waves	SW	Above Normal	5	2.00
RGW	Third	LAKE	No Selection	1.80	Hazy	Small Waves	SW	Above Normal	5	2.00
WTJ	Three Oaks North	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	12	1.00
WTJ	Three Oaks North	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Small Waves	N	Above Normal	6	1.00
WTG	Three Oaks South	MCHENRY	5% To 25%	0.00	Partly Cloudy	Small Waves	N	Above Normal	6	2.00
WTG	Three Oaks South	MCHENRY	5% To 25%	0.00	Partly Cloudy	Small Waves	N	Above Normal	6	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RGW	Third	Clark Environmental treated for weeds 6/22. Heavy rain fall in the last 24 hours		
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third			
RGW	Third	Significant algae bloom the 10 days ago. Samples taken by LCHD		
RGW	Third	Significant algae bloom the 10 days ago. Samples taken by LCHD		
RGW	Third	Significant algae bloom the 10 days ago. Samples taken by LCHD		
RGW	Third		aerators are off	
RGW	Third		aerators are off	
RGW	Third		aerators are off	
RGW	Third			
RGW	Third			
WTJ	Three Oaks North	Spring rains have brought lake levels up by around 12 inches from last fall.		
WTJ	Three Oaks North	Lake is up about 6 inches from previous year.		
WTG	Three Oaks South	Water is still up above normal.		Marina area using aerators to keep down weeds.
WTG	Three Oaks South	Water is still up above normal.		Marina area using aerators to keep down weeds.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGW	Third	27-Jun-18	14:10	RGW-3	8	FALSE	FALSE	-1	12	18.0
RGW	Third	16-Jul-18	10:46	RGW-1	98	FALSE	FALSE	-1	12	64.5
RGW	Third	16-Jul-18	10:58	RGW-2	98	FALSE	FALSE	-1	12	26.0
RGW	Third	16-Jul-18	11:10	RGW-3	73	FALSE	FALSE	-1	12	13.0
RGW	Third	31-Jul-18	11:35	RGW-1	83	FALSE	FALSE	-1	12	65.0
RGW	Third	31-Jul-18	11:56	RGW-2	83	FALSE	FALSE	-1	12	26.0
RGW	Third	31-Jul-18	11:45	RGW-3	91	FALSE	FALSE	-1	12	15.0
RGW	Third	13-Aug-18	14:27	RGW-1	72	FALSE	FALSE	-1	12	65.0
RGW	Third	13-Aug-18	14:15	RGW-2	82	FALSE	FALSE	-1	12	25.0
RGW	Third	13-Aug-18	14:38	RGW-3	76	FALSE	FALSE	-1	12	14.5
RGW	Third	28-Aug-18	11:14	RGW-1	73	FALSE	FALSE	-1	12	65.0
RGW	Third	28-Aug-18	11:04	RGW-2	68	FALSE	FALSE	-1	12	27.0
RGW	Third	28-Aug-18	11:24	RGW-3	72	FALSE	FALSE	-1	12	18.0
RGW	Third	01-Oct-18	09:50	RGW-1	72	FALSE	FALSE	-1	12	65.0
RGW	Third	01-Oct-18	09:38	RGW-2	78	FALSE	FALSE	-1	12	27.0
RGW	Third	01-Oct-18	10:00	RGW-3	80	FALSE	FALSE	-1	12	14.0
RGW	Third	20-Sep-18	11:15	RGW-1	65	FALSE	FALSE	-1	12	65.0
RGW	Third	20-Sep-18	11:05	RGW-2	67	FALSE	FALSE	-1	12	26.0
RGW	Third	20-Sep-18	11:26	RGW-3	70	FALSE	FALSE	-1	12	15.0
RGW	Third	17-Oct-18	11:00	RGW-1	60	FALSE	FALSE	0	12	65.0
RGW	Third	17-Oct-18	10:48	RGW-2	63	FALSE	FALSE	0	12	25.0
RGW	Third	17-Oct-18	11:11	RGW-3	62	FALSE	FALSE	0	12	20.0
RGW	Third	08-Oct-18	10:00	RGW-1	51	FALSE	FALSE	0	12	66.0
RGW	Third	08-Oct-18	09:50	RGW-2	51	FALSE	FALSE	0	12	27.0
RGW	Third	08-Oct-18	10:12	RGW-3	32	FALSE	FALSE	0	12	18.0
WTJ	Three Oaks North	31-Jul-18	17:20	WTJ-1	210	FALSE	FALSE	0	5	36.0
WTJ	Three Oaks North	30-Aug-18	18:40	WTJ-1	212	FALSE	FALSE	0	5	36.5
WTG	Three Oaks South	30-Aug-18	17:14	WTG-1	271	FALSE	FALSE	1	5	42.5
WTG	Three Oaks South	30-Aug-18	18:12	WTG-2	305	FALSE	FALSE	1	5	26.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
WTG	Three Oaks South	MCHENRY	5% To 25%	0.00	Partly Cloudy	Small Waves	N	Above Normal	6	2.00
WTG	Three Oaks South	MCHENRY	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	12	2.00
WTG	Three Oaks South	MCHENRY	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	12	2.00
WTG	Three Oaks South	MCHENRY	5% To 25%	0.00	Partly Cloudy	Calm/Ripple	SW	Above Normal	12	2.00
SDQ	Thunderbird	PUTNAM	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Below Normal	6	2.00
SDQ	Thunderbird	PUTNAM	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Below Normal	6	2.00
SDQ	Thunderbird	PUTNAM	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	SW	Below Normal	6	2.00
RTZQ	Timber	LAKE	No Selection	1.50	Partly Cloudy	Calm/Ripple	NE	Above Normal	1.5	1.00
RTZQ	Timber	LAKE	No Selection	1.50	Partly Cloudy	Calm/Ripple	NE	Above Normal	1.5	1.00
RTZQ	Timber	LAKE	No Selection	1.50	Partly Cloudy	Calm/Ripple	NE	Above Normal	1.5	1.00
RTZQ	Timber	LAKE	No Selection	1.50	Partly Cloudy	Calm/Ripple	NE	Above Normal	1.5	1.00
RTZQ	Timber	LAKE	No Selection	1.50	Partly Cloudy	Calm/Ripple	NE	Above Normal	1.5	1.00
RTZQ	Timber	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RTZQ	Timber	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RTZQ	Timber	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RTZQ	Timber	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RTZQ	Timber	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RTZF	Tower	LAKE	Less Than 5%	2.00	Sunny	Calm/Ripple	NE	Above Normal	12	1.00
RTZF	Tower	LAKE	Less Than 5%	2.00	Sunny	Calm/Ripple	NE	Above Normal	12	1.00
RTZF	Tower	LAKE	Less Than 5%	2.00	Sunny	Calm/Ripple	NE	Above Normal	12	1.00
RTZF	Tower	LAKE	5% To 25%	4.00	Partly Cloudy	Calm/Ripple	E	Above Normal	12	1.00
RTZF	Tower	LAKE	5% To 25%	4.00	Partly Cloudy	Calm/Ripple	E	Above Normal	12	1.00
RTZF	Tower	LAKE	5% To 25%	4.00	Partly Cloudy	Calm/Ripple	E	Above Normal	12	1.00
RTZF	Tower	LAKE	Less Than 5%	0.00	Sunny	Moderate Waves	W	Above Normal	6	1.00
RTZF	Tower	LAKE	Less Than 5%	0.00	Sunny	Moderate Waves	W	Above Normal	6	1.00

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
WTG	Three Oaks South	30-Aug-18	17:50	WTG-3	266	TRUE	FALSE	1	5	22.0
WTG	Three Oaks South	31-Jul-18	16:25	WTG-1	198	FALSE	FALSE	1	5	42.5
WTG	Three Oaks South	31-Jul-18	16:35	WTG-2	186	FALSE	FALSE	1	5	27.0
WTG	Three Oaks South	31-Jul-18	16:50	WTG-3	189	FALSE	FALSE	1	5	22.5
SDQ	Thunderbird	28-Aug-18	9:00	SDQ-1	52	FALSE	FALSE	0	8	
SDQ	Thunderbird	28-Aug-18	9:15	SDQ-2	52	FALSE	FALSE	0	8	
SDQ	Thunderbird	28-Aug-18	9:30	SDQ-3	42	FALSE	FALSE	0	8	
RTZQ	Timber	10-May-18	11:12	RTZQ-1	30	FALSE	FALSE	0	12	13.0
RTZQ	Timber	10-May-18	11:25	RTZQ-2	34	FALSE	FALSE	0	12	10.0
RTZQ	Timber	10-May-18	11:43	RTZQ-3	31	FALSE	FALSE	2	12	8.0
RTZQ	Timber	10-May-18	11:33	RTZQ-4	31	FALSE	FALSE	2	13	6.0
RTZQ	Timber	10-May-18	11:50	RTZQ-5	30	FALSE	FALSE	3	17	5.0
RTZQ	Timber	13-Jun-18	14:46	RTZQ-1	75	FALSE	FALSE	0	11	13.0
RTZQ	Timber	13-Jun-18	14:55	RTZQ-2	75	FALSE	FALSE	0	11	10.0
RTZQ	Timber	13-Jun-18	15:15	RTZQ-3	58	FALSE	FALSE	2	16	6.0
RTZQ	Timber	13-Jun-18	15:06	RTZQ-4		FALSE	TRUE	4	15	6.0
RTZQ	Timber	13-Jun-18	15:27	RTZQ-5	50	FALSE	TRUE	4	15	4.5
RTZF	Tower	23-May-18	17:03	RTZF-1	57	FALSE	FALSE	3	12	7.0
RTZF	Tower	23-May-18	17:00	RTZF-2	56	FALSE	FALSE	1	13	8.0
RTZF	Tower	23-May-18	16:45	RTZF-3	44	FALSE	FALSE	2	13	8.0
RTZF	Tower	09-Jun-18	13:40	RTZF-1	60	FALSE	FALSE	2	14	6.0
RTZF	Tower	09-Jun-18	13:44	RTZF-2	84	TRUE	FALSE	1	12	7.0
RTZF	Tower	09-Jun-18	13:30	RTZF-3	58	FALSE	FALSE	1	13	6.0
RTZF	Tower	25-Jun-18	12:40	RTZF-1	62	FALSE	FALSE	1	12	6.0
RTZF	Tower	25-Jun-18	12:26	RTZF-2	60	FALSE	FALSE	0	12	7.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZF	Tower	LAKE	Less Than 5%	0.00	Sunny	Moderate Waves	W	Above Normal	6	1.00
RTZF	Tower	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RTZF	Tower	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RTZF	Tower	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RTZF	Tower	LAKE	5% To 25%	1.00	Sunny	Small Waves	NE	Normal or Full	0	3.00
RTZF	Tower	LAKE	5% To 25%	1.00	Sunny	Small Waves	NE	Normal or Full	0	3.00
RTZF	Tower	LAKE	5% To 25%	1.00	Sunny	Small Waves	NE	Normal or Full	0	3.00
RTZF	Tower	LAKE	5% To 25%	1.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RTZF	Tower	LAKE	5% To 25%	1.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RTZF	Tower	LAKE	5% To 25%	1.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RTZF	Tower	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	2.00
RTZF	Tower	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	2.00
RTZF	Tower	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	2.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Hazy	Calm/Ripple	NW	Normal or Full	0	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Hazy	Calm/Ripple	NW	Normal or Full	0	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Hazy	Calm/Ripple	NW	Normal or Full	0	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Hazy	Calm/Ripple	NW	Normal or Full	0	1.50

Lake Code	Waterbody	Observations	Other Information	Management
RTZF	Tower			
RTZF	Tower			
RTZF	Tower			
RTZF	Tower			
RTZF	Tower			
RTZF	Tower			
RTZF	Tower			
RTZF	Tower			
RTZF	Tower			
RTZF	Tower			
RTZF	Tower			
RTZF	Tower			
REZL	Twin Oaks		duckweed, filamentous algae	3 aerators are on and have been on all winter; Aquashade applied April 20th (reason for no color selected--water tinted Aquashade blue)
REZL	Twin Oaks		duckweed, filamentous algae	3 aerators are on and have been on all winter; Aquashade applied April 20th (reason for no color selected--water tinted Aquashade blue)
REZL	Twin Oaks		duckweed, filamentous algae	3 aerators are on and have been on all winter; Aquashade applied April 20th (reason for no color selected--water tinted Aquashade blue)
REZL	Twin Oaks		duckweed, filamentous algae	3 aerators are on and have been on all winter; Aquashade applied April 20th (reason for no color selected--water tinted Aquashade blue)

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZF	Tower	25-Jun-18	12:10	RTZF-3	59	FALSE	FALSE	1	13	7.0
RTZF	Tower	11-Jul-18	15:25	RTZF-1	48	FALSE	FALSE	2	13	6.0
RTZF	Tower	11-Jul-18	15:20	RTZF-2	48	FALSE	FALSE	2	12	7.0
RTZF	Tower	11-Jul-18	15:08	RTZF-3	43	FALSE	FALSE	1	12	6.5
RTZF	Tower	30-Jul-18	15:53	RTZF-1	47	FALSE	FALSE	2	12	5.5
RTZF	Tower	30-Jul-18	15:38	RTZF-2	52	FALSE	FALSE	1	14	7.0
RTZF	Tower	30-Jul-18	15:19	RTZF-3	50	FALSE	FALSE	2	12	6.5
RTZF	Tower	26-Aug-18	12:35	RTZF-1	39	FALSE	FALSE	4	12	5.0
RTZF	Tower	26-Aug-18	12:26	RTZF-2	35	FALSE	FALSE	1	13	7.0
RTZF	Tower	26-Aug-18	12:10	RTZF-3	28	FALSE	FALSE	1	12	6.0
RTZF	Tower	12-Aug-18	16:48	RTZF-1	46	FALSE	FALSE	0	12	5.0
RTZF	Tower	12-Aug-18	16:38	RTZF-2	40	FALSE	FALSE	1	20	7.0
RTZF	Tower	12-Aug-18	16:18	RTZF-3	29	FALSE	FALSE	2	12	6.0
REZL	Twin Oaks	13-May-18	14:50	REZL-1	38	FALSE	FALSE	0	0	5.0
REZL	Twin Oaks	13-May-18	14:30	REZL-2	37	FALSE	FALSE	0	0	4.0
REZL	Twin Oaks	13-May-18	14:05	REZL-3	42	FALSE	FALSE	0	0	4.0
REZL	Twin Oaks	13-May-18	13:45	REZL-4	40	FALSE	FALSE	0	0	5.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.75	Partly Cloudy	Calm/Ripple	NW	Above Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.75	Partly Cloudy	Calm/Ripple	NW	Above Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.75	Partly Cloudy	Calm/Ripple	NW	Above Normal	1	1.50

Lake Code	Waterbody	Observations	Other Information	Management
REZL	Twin Oaks	Average temperature in May was a record at 71.1F. Daily average temperatures were above normal every day in May-also a record. About 3.5" rain or below the average of 4.85". April was 6th coldest on record(average 45.3F or 6.7F below monthly average of 52F 16 days below 32F; precipitation below average about 1.3" lower.	watermeal	3 aerators on; 2 additional aerators added just off of old beach: no tinting of Aquashade was observed
REZL	Twin Oaks	Average temperature in May was a record at 71.1F. Daily average temperatures were above normal every day in May-also a record. About 3.5" rain or below the average of 4.85". April was 6th coldest on record(average 45.3F or 6.7F below monthly average of 52F 16 days below 32F; precipitation below average about 1.3" lower.	watermeal	3 aerators on; 2 additional aerators added just off of old beach: no tinting of Aquashade was observed
REZL	Twin Oaks	Average temperature in May was a record at 71.1F. Daily average temperatures were above normal every day in May-also a record. About 3.5" rain or below the average of 4.85". April was 6th coldest on record(average 45.3F or 6.7F below monthly average of 52F 16 days below 32F; precipitation below average about 1.3" lower.	watermeal	3 aerators on; 2 additional aerators added just off of old beach: no tinting of Aquashade was observed

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REZL	Twin Oaks	24-Jun-18	14:25	REZL-1	12	FALSE	FALSE	0	12	5.0
REZL	Twin Oaks	24-Jun-18	14:10	REZL-2	12	FALSE	FALSE	0	12	4.0
REZL	Twin Oaks	24-Jun-18	13:35	REZL-3	14	FALSE	FALSE	0	12	4.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.75	Partly Cloudy	Calm/Ripple	NW	Above Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Below Normal	3	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Below Normal	3	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Below Normal	3	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	1.00	Partly Cloudy	Calm/Ripple	W	Below Normal	3	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Hazy	Calm/Ripple	W	Below Normal	4	2.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Hazy	Calm/Ripple	W	Below Normal	4	2.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Hazy	Calm/Ripple	W	Below Normal	4	2.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Hazy	Calm/Ripple	W	Below Normal	4	2.00

Lake Code	Waterbody	Observations	Other Information	Management
REZL	Twin Oaks	Average temperature in May was a record at 71.1F. Daily average temperatures were above normal every day in May-also a record. About 3.5" rain or below the average of 4.85". April was 6th coldest on record(average 45.3F or 6.7F below monthly average of 52F 16 days below 32F; precipitation below average about 1.3" lower.	watermeal	3 aerators on; 2 additional aerators added just off of old beach: no tinting of Aquashade was observed
REZL	Twin Oaks	June 2018: 9th wettest in Champaign County (8.24"); water has greener tint	Today's results entered in 2018 Secchi Dip-in	3 aerators are on
REZL	Twin Oaks	June 2018: 9th wettest in Champaign County (8.24"); water has greener tint	Today's results entered in 2018 Secchi Dip-in	3 aerators are on
REZL	Twin Oaks	June 2018: 9th wettest in Champaign County (8.24"); water has greener tint	Today's results entered in 2018 Secchi Dip-in	3 aerators are on
REZL	Twin Oaks	June 2018: 9th wettest in Champaign County (8.24"); water has greener tint	Today's results entered in 2018 Secchi Dip-in	3 aerators are on
REZL	Twin Oaks	less turbid than early July ; July was cooler and drier than normal. July was very hot until July 6th.	water meal	6 additional Kasko Robust-Aire diffuser aerators installed; total of 9.
REZL	Twin Oaks	less turbid than early July ; July was cooler and drier than normal. July was very hot until July 6th.	water meal	6 additional Kasko Robust-Aire diffuser aerators installed; total of 9.
REZL	Twin Oaks	less turbid than early July ; July was cooler and drier than normal. July was very hot until July 6th.	water meal	6 additional Kasko Robust-Aire diffuser aerators installed; total of 9.
REZL	Twin Oaks	less turbid than early July ; July was cooler and drier than normal. July was very hot until July 6th.	water meal	6 additional Kasko Robust-Aire diffuser aerators installed; total of 9.
REZL	Twin Oaks		watermeal	aerators on
REZL	Twin Oaks		watermeal	aerators on
REZL	Twin Oaks		watermeal	aerators on
REZL	Twin Oaks		watermeal	aerators on

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REZL	Twin Oaks	24-Jun-18	13:20	REZL-4	14	FALSE	FALSE	0	12	5.0
REZL	Twin Oaks	08-Jul-18	15:25	REZL-1	11	FALSE	FALSE	0	17	5.0
REZL	Twin Oaks	08-Jul-18	15:10	REZL-2	12	FALSE	FALSE	0	17	4.0
REZL	Twin Oaks	08-Jul-18	14:45	REZL-3	12	FALSE	FALSE	0	17	4.0
REZL	Twin Oaks	08-Jul-18	14:20	REZL-4	12	FALSE	FALSE	0	17	5.0
REZL	Twin Oaks	31-Jul-18	15:15	REZL-1	23	FALSE	FALSE	0	17	4.5
REZL	Twin Oaks	31-Jul-18	15:35	REZL-2	24	FALSE	FALSE	0	17	4.0
REZL	Twin Oaks	31-Jul-18	15:55	REZL-3	21	FALSE	FALSE	0	17	4.0
REZL	Twin Oaks	31-Jul-18	16:10	REZL-4	22	FALSE	FALSE	0	3	5.0
REZL	Twin Oaks	12-Aug-18	15:45	REZL-1	14	FALSE	FALSE	0	8	4.5
REZL	Twin Oaks	12-Aug-18	15:05	REZL-3	14	FALSE	FALSE	0	17	3.5
REZL	Twin Oaks	12-Aug-18	14:45	REZL-4	14	FALSE	FALSE	0	17	4.5
REZL	Twin Oaks	12-Aug-18	15:25	REZL-2	14	FALSE	FALSE	0	8	3.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	W	Below Normal	4	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	W	Below Normal	4	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	W	Below Normal	4	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	W	Below Normal	4	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Below Normal	1	1.50
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	2	1.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	2	1.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	2	1.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	W	Below Normal	2	1.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	1	1.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	1	1.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	1	1.00
REZL	Twin Oaks	CHAMPAIGN	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Below Normal	1	1.00
RGZM	Valley	LAKE	Less Than 5%	1.76	Overcast	Small Waves	N	Above Normal	8	1.50
RGZM	Valley	LAKE	Less Than 5%	1.76	Overcast	Small Waves	N	Above Normal	8	1.50
RGZM	Valley	LAKE	Less Than 5%	1.76	Overcast	Small Waves	N	Above Normal	8	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Above Normal	5	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Above Normal	5	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Above Normal	5	1.50
RGZM	Valley	LAKE	Less Than 5%	0.56	Overcast	Calm/Ripple	NONE	Above Normal	3	1.50

Lake Code	Waterbody	Observations	Other Information	Management
REZL	Twin Oaks		Water meal, Southern nyaid (shallow, sandy areas)	9 aerators on, groundwater pump on
REZL	Twin Oaks		Water meal, Southern nyaid (shallow, sandy areas)	9 aerators on, groundwater pump on
REZL	Twin Oaks		Water meal, Southern nyaid (shallow, sandy areas)	9 aerators on, groundwater pump on
REZL	Twin Oaks		Water meal, Southern nyaid (shallow, sandy areas)	9 aerators on, groundwater pump on
REZL	Twin Oaks	5.75 inches of rain on 09-08-2018	water meal	aerators on, groundwater pump off
REZL	Twin Oaks	5.75 inches of rain on 09-08-2018	water meal	aerators on, groundwater pump off
REZL	Twin Oaks	5.75 inches of rain on 09-08-2018	water meal	aerators on, groundwater pump off
REZL	Twin Oaks	5.75 inches of rain on 09-08-2018	water meal	aerators on, groundwater pump off
REZL	Twin Oaks	Sept 2018: ~4" higher than normal, 1.5" rain higher than normal	watermeal	aerators on, groundwater pump off
REZL	Twin Oaks	Sept 2018: ~4" higher than normal, 1.5" rain higher than normal	watermeal	aerators on, groundwater pump off
REZL	Twin Oaks	Sept 2018: ~4" higher than normal, 1.5" rain higher than normal	watermeal	aerators on, groundwater pump off
REZL	Twin Oaks	Sept 2018: ~4" higher than normal, 1.5" rain higher than normal	watermeal	aerators on, groundwater pump off
REZL	Twin Oaks	wind 45 mph +; color is 20 as color is lighter than #17	watermeal, green scum along east side; very little for both	3/9 aerators are on (east side on), no monitoring first 1/2 of October
REZL	Twin Oaks	wind 45 mph +; color is 20 as color is lighter than #17	watermeal, green scum along east side; very little for both	3/9 aerators are on (east side on), no monitoring first 1/2 of October
REZL	Twin Oaks	wind 45 mph +; color is 20 as color is lighter than #17	watermeal, green scum along east side; very little for both	3/9 aerators are on (east side on), no monitoring first 1/2 of October
REZL	Twin Oaks	wind 45 mph +; color is 20 as color is lighter than #17	watermeal, green scum along east side; very little for both	3/9 aerators are on (east side on), no monitoring first 1/2 of October
RGZM	Valley	very rainy, dam is partially blocked with debris		lake was treated on 5-10-2018 6 aerators were installed in April
RGZM	Valley	very rainy, dam is partially blocked with debris		lake was treated on 5-10-2018 6 aerators were installed in April
RGZM	Valley	very rainy, dam is partially blocked with debris		lake was treated on 5-10-2018 6 aerators were installed in April
RGZM	Valley			
RGZM	Valley			
RGZM	Valley			
RGZM	Valley	Lake level high, dam is being blocked by leaves		6-7-2018: Algae control 6-11-2018:beneficial bacteria added

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
REZL	Twin Oaks	31-Aug-18	14:05	REZL-1	17	FALSE	FALSE	0	17	4.5
REZL	Twin Oaks	31-Aug-18	13:45	REZL-2	17	FALSE	FALSE	0	17	3.5
REZL	Twin Oaks	31-Aug-18	14:25	REZL-3	18	FALSE	FALSE	0	8	3.5
REZL	Twin Oaks	31-Aug-18	14:40	REZL-4	18	FALSE	FALSE	0	8	4.5
REZL	Twin Oaks	15-Sep-18	14:45	REZL-1	22	FALSE	FALSE	0	8	5.0
REZL	Twin Oaks	15-Sep-18	14:30	REZL-2	17	FALSE	TRUE	4	8	4.0
REZL	Twin Oaks	15-Sep-18	15:40	REZL-3	17	FALSE	FALSE	0	17	4.0
REZL	Twin Oaks	15-Sep-18	15:30	REZL-4	17	FALSE	FALSE	0	17	5.0
REZL	Twin Oaks	30-Sep-18	15:10	REZL-1	28	FALSE	FALSE	0	17	4.5
REZL	Twin Oaks	30-Sep-18	14:50	REZL-2	30	FALSE	FALSE	0	17	4.0
REZL	Twin Oaks	30-Sep-18	14:10	REZL-3	30	FALSE	FALSE	0	17	4.0
REZL	Twin Oaks	30-Sep-18	14:30	REZL-4	31	FALSE	FALSE	0	17	5.0
REZL	Twin Oaks	21-Oct-18	14:20	REZL-1	29	FALSE	FALSE	0	20	4.5
REZL	Twin Oaks	21-Oct-18	14:00	REZL-2	30	FALSE	FALSE	0	20	4.0
REZL	Twin Oaks	21-Oct-18	14:40	REZL-3	29	FALSE	FALSE	0	20	4.0
REZL	Twin Oaks	21-Oct-18	15:05	REZL-4	30	FALSE	FALSE	0	20	5.0
RGZM	Valley	15-May-18	11:38	RGZM-1	37	FALSE	FALSE	0	12	10.0
RGZM	Valley	15-May-18	11:58	RGZM-2	38	FALSE	FALSE	0	12	8.5
RGZM	Valley	15-May-18	12:07	RGZM-3	37	FALSE	FALSE	0	12	7.5
RGZM	Valley	29-May-18	12:24	RGZM-1	55	FALSE	FALSE	0	3	10.0
RGZM	Valley	29-May-18	12:45	RGZM-2	58	FALSE	FALSE	0	3	8.0
RGZM	Valley	29-May-18	12:58	RGZM-3	57	FALSE	FALSE	0	3	7.5
RGZM	Valley	12-Jun-18	10:34	RGZM-1	32	FALSE	FALSE	0	13	9.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGZM	Valley	LAKE	Less Than 5%	0.56	Overcast	Calm/Ripple	NONE	Above Normal	3	1.50
RGZM	Valley	LAKE	Less Than 5%	0.56	Overcast	Calm/Ripple	NONE	Above Normal	3	1.50
RGZM	Valley	LAKE	Less Than 5%	0.99	Overcast	Calm/Ripple	N	Above Normal	12	1.50
RGZM	Valley	LAKE	Less Than 5%	0.99	Overcast	Calm/Ripple	N	Above Normal	12	1.50
RGZM	Valley	LAKE	Less Than 5%	0.99	Overcast	Calm/Ripple	N	Above Normal	12	1.50
RGZM	Valley	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.50
RGZM	Valley	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.50
RGZM	Valley	LAKE	5% To 25%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	0.5	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	0.5	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Sunny	Calm/Ripple	NE	Above Normal	0.5	1.50
RGZM	Valley	LAKE	Less Than 5%	1.16	Sunny	Calm/Ripple	N	Above Normal	3.5	1.50
RGZM	Valley	LAKE	Less Than 5%	1.16	Sunny	Calm/Ripple	N	Above Normal	3.5	1.50
RGZM	Valley	LAKE	Less Than 5%	1.16	Sunny	Calm/Ripple	N	Above Normal	3.5	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NONE	Below Normal	1	2.00
RGZM	Valley	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NONE	Below Normal	1	2.00
RGZM	Valley	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	NONE	Below Normal	1	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RGZM	Valley	Lake level high, dam is being blocked by leaves		6-7-2018: Algae control 6-11-2018:beneficial bacteria added
RGZM	Valley	Lake level high, dam is being blocked by leaves		6-7-2018: Algae control 6-11-2018:beneficial bacteria added
RGZM	Valley	very rainy June		
RGZM	Valley	very rainy June		
RGZM	Valley	very rainy June		
RGZM	Valley		we've had some blue green algae a few times this month lake is Very green	
RGZM	Valley		we've had some blue green algae a few times this month lake is Very green	
RGZM	Valley		we've had some blue green algae a few times this month lake is Very green	
RGZM	Valley	more plants and water is very green		
RGZM	Valley	more plants and water is very green		
RGZM	Valley	more plants and water is very green		
RGZM	Valley		a lot of floating blobs of algae that are bright green duckweed has increased at the NE corner	8-15-18 lake was treated with Beneficial Bacteria
RGZM	Valley		a lot of floating blobs of algae that are bright green duckweed has increased at the NE corner	8-15-18 lake was treated with Beneficial Bacteria
RGZM	Valley		a lot of floating blobs of algae that are bright green duckweed has increased at the NE corner	8-15-18 lake was treated with Beneficial Bacteria
RGZM	Valley	duckweed and algae concentrated in the Northeast corner		
RGZM	Valley	duckweed and algae concentrated in the Northeast corner		
RGZM	Valley	duckweed and algae concentrated in the Northeast corner		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGZM	Valley	12-Jun-18	10:51	RGZM-2	33	FALSE	FALSE	0	13	8.0
RGZM	Valley	12-Jun-18	11:03	RGZM-3	32	FALSE	FALSE	0	13	7.0
RGZM	Valley	27-Jun-18	14:41	RGZM-1	28	FALSE	FALSE	0	13	10.5
RGZM	Valley	27-Jun-18	14:56	RGZM-2	29	FALSE	FALSE	0	13	8.5
RGZM	Valley	27-Jun-18	15:16	RGZM-3	23	FALSE	FALSE	0	13	8.0
RGZM	Valley	19-Jul-18	09:19	RGZM-1	15	FALSE	FALSE	0	13	9.5
RGZM	Valley	19-Jul-18	09:37	RGZM-2	15	FALSE	FALSE	0	3	7.5
RGZM	Valley	19-Jul-18	09:49	RGZM-3	16	FALSE	FALSE	0	3	6.5
RGZM	Valley	10-Jul-18	11:18	RGZM-1	17	FALSE	FALSE	0	8	9.5
RGZM	Valley	10-Jul-18	11:31	RGZM-2	19	FALSE	FALSE	0	12	7.5
RGZM	Valley	10-Jul-18	11:42	RGZM-3	20	FALSE	FALSE	0	13	7.0
RGZM	Valley	30-Aug-18	13:00	RGZM-1	23	FALSE	FALSE	0	12	9.5
RGZM	Valley	30-Aug-18	13:18	RGZM-2	19	FALSE	FALSE	0	3	7.5
RGZM	Valley	30-Aug-18	13:30	RGZM-3	16	FALSE	FALSE	0	12	7.5
RGZM	Valley	14-Aug-18	11:15	RGZM-1	21	FALSE	FALSE	0	8	9.0
RGZM	Valley	14-Aug-18	11:36	RGZM-2	21	FALSE	FALSE	0	8	7.5
RGZM	Valley	14-Aug-18	11:50	RGZM-3	19	FALSE	FALSE	0	3	6.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RGZM	Valley	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Above Normal	2	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Above Normal	2	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Above Normal	2	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Above Normal	3	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Above Normal	3	1.50
RGZM	Valley	LAKE	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Above Normal	3	1.50
RGZM	Valley	LAKE	Less Than 5%	0.01	Sunny	Calm/Ripple	S	Above Normal	7	2.00
RGZM	Valley	LAKE	Less Than 5%	0.01	Sunny	Calm/Ripple	S	Above Normal	7	2.00
RGZM	Valley	LAKE	Less Than 5%	0.01	Sunny	Calm/Ripple	S	Above Normal	7	2.00
RGZM	Valley	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	NONE	Above Normal	1	2.00
RGZM	Valley	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	NONE	Above Normal	1	2.00
RGZM	Valley	LAKE	5% To 25%	0.00	Overcast	Calm/Ripple	NONE	Above Normal	1	2.00
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	2.50
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	2.50
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	2.50
SGB	Virginia	COOK	Less Than 5%	0.00	Hazy	Calm/Ripple	E	Above Normal	2	3.00

Lake Code	Waterbody	Observations	Other Information	Management
		dam is blocked with leaves		
RGZM	Valley	filamentous algae is forming in small blobs		
RGZM	Valley	dam is blocked with leaves filamentous algae is forming in small blobs		
RGZM	Valley	dam is blocked with leaves filamentous algae is forming in small blobs		
RGZM	Valley	duckweed is now in small amounts on the west side of the lake		
RGZM	Valley	duckweed is now in small amounts on the west side of the lake		
RGZM	Valley	duckweed is now in small amounts on the west side of the lake		
RGZM	Valley			
RGZM	Valley			
RGZM	Valley			
RGZM	Valley			
RGZM	Valley			
SGB	Virginia			
SGB	Virginia			
SGB	Virginia			
SGB	Virginia	Hot		May 17 - granular algaecide. 40 lbs to the entire lake May 25 & 27 - 2 gal. of algaecide (diluted its water) sprayed on floating algae Dec 29 - 400 6-8" walleye Nov 20 - 50 lbs of far head minnows May 10- 150 5-10" Black crappie

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RGZM	Valley	25-Sep-18	12:47	RGZM-1	52	FALSE	FALSE	0	3	9.5
RGZM	Valley	25-Sep-18	13:06	RGZM-2	48	FALSE	FALSE	0	3	7.5
RGZM	Valley	25-Sep-18	13:18	RGZM-3	50	FALSE	FALSE	0	3	6.5
RGZM	Valley	10-Sep-18	12:53	RGZM-1	44	FALSE	FALSE	0	13	9.0
RGZM	Valley	10-Sep-18	13:06	RGZM-2	48	FALSE	FALSE	0	13	7.5
RGZM	Valley	10-Sep-18	13:21	RGZM-3	46	FALSE	FALSE	0	13	7.5
RGZM	Valley	13-Oct-18	10:22	RGZM-1	84	FALSE	FALSE	0	13	9.5
RGZM	Valley	13-Oct-18	10:44	RGZM-2	93	TRUE	FALSE	0	13	7.5
RGZM	Valley	13-Oct-18	10:57	RGZM-3	87	TRUE	FALSE	0	13	7.0
RGZM	Valley	24-Oct-18	12:00	RGZM-1	93	FALSE	FALSE	0	3	9.5
RGZM	Valley	24-Oct-18	12:26	RGZM-3	78	TRUE	FALSE	0	3	6.5
RGZM	Valley	24-Oct-18	12:13	RGZM-2	90	TRUE	FALSE	0	3	7.5
SGB	Virginia	08-May-18	14:10	SGB-1	282	FALSE	FALSE	0	8	61.5
SGB	Virginia	08-May-18	14:25	SGB-2	277	FALSE	FALSE	0	3	44.5
SGB	Virginia	08-May-18	14:40	SGB-3	264	FALSE	FALSE	0	8	45.0
SGB	Virginia	29-May-18	11:30	SGB-1	210	FALSE	FALSE	0	3	61.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
SGB	Virginia	COOK	Less Than 5%	0.00	Hazy	Calm/Ripple	E	Above Normal	2	3.00
SGB	Virginia	COOK	Less Than 5%	0.00	Hazy	Calm/Ripple	E	Above Normal	2	3.00
SGB	Virginia	COOK	Less Than 5%	2.50	Partly Cloudy	Small Waves	NONE	Above Normal	2	1.50
SGB	Virginia	COOK	Less Than 5%	2.50	Partly Cloudy	Small Waves	NONE	Above Normal	2	1.50
SGB	Virginia	COOK	Less Than 5%	2.50	Partly Cloudy	Small Waves	NONE	Above Normal	2	1.50
SGB	Virginia	COOK	Less Than 5%	1.50	Overcast	Calm/Ripple	E	Above Normal	2	3.00
SGB	Virginia	COOK	Less Than 5%	1.50	Overcast	Calm/Ripple	E	Above Normal	2	3.00
SGB	Virginia	COOK	Less Than 5%	1.50	Overcast	Calm/Ripple	E	Above Normal	2	3.00

Lake Code	Waterbody	Observations	Other Information	Management
SGB	Virginia	Hot		May 17 - granular algaecide. 40 lbs to the entire lake May 25 & 27 - 2 gal. of algaecide (diluted its water) sprayed on floating algae Dec 29 - 400 6-8" walleye Nov 20 - 50 lbs of far head minnows May 10- 150 5-10" Black crappie
SGB	Virginia	Hot		May 17 - granular algaecide. 40 lbs to the entire lake May 25 & 27 - 2 gal. of algaecide (diluted its water) sprayed on floating algae Dec 29 - 400 6-8" walleye Nov 20 - 50 lbs of far head minnows May 10- 150 5-10" Black crappie
SGB	Virginia	Lots of rain		June 8: 20 lbs. of Hydrothol 191 Granular and liquid, focusing on the weed near regular swimming and beach areas. Upper 60's and light wind.
SGB	Virginia	Lots of rain		June 8: 20 lbs. of Hydrothol 191 Granular and liquid, focusing on the weed near regular swimming and beach areas. Upper 60's and light wind.
SGB	Virginia	Lots of rain		June 8: 20 lbs. of Hydrothol 191 Granular and liquid, focusing on the weed near regular swimming and beach areas. Upper 60's and light wind.
SGB	Virginia	4 days of temperatures above 90.		June 13- 40 lbs. Cutrine Plus granular algicide
SGB	Virginia	4 days of temperatures above 90.		June 13- 40 lbs. Cutrine Plus granular algicide
SGB	Virginia	4 days of temperatures above 90.		June 13- 40 lbs. Cutrine Plus granular algicide

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
SGB	Virginia	29-May-18	12:00	SGB-2	214	FALSE	FALSE	0	8	41.0
SGB	Virginia	29-May-18	12:10	SGB-3	235	FALSE	FALSE	0	17	45.0
SGB	Virginia	12-Jun-18	12:20	SGB-1	176	FALSE	FALSE	0	8	62.0
SGB	Virginia	12-Jun-18	12:05	SGB-2	168	FALSE	FALSE	0	17	44.0
SGB	Virginia	12-Jun-18	11:45	SGB-3	170	FALSE	FALSE	0	17	45.0
SGB	Virginia	19-Jun-18	12:15	SGB-1	184	FALSE	FALSE	0	8	61.0
SGB	Virginia	19-Jun-18	12:31	SGB-2	184	FALSE	FALSE	0	8	44.0
SGB	Virginia	19-Jun-18	12:40	SGB-3	177	FALSE	FALSE	0	17	44.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Small Waves	E	Below Normal	4	3.00
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Small Waves	E	Below Normal	4	3.00
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Small Waves	E	Below Normal	4	3.00
SGB	Virginia	COOK	Less Than 5%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	8	1.50
SGB	Virginia	COOK	Less Than 5%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	8	1.50
SGB	Virginia	COOK	Less Than 5%	0.00	Partly Cloudy	Small Waves	SW	Below Normal	8	1.50
SGB	Virginia	COOK	Less Than 5%	5.00	No Selection	No Selection	NONE	No Selection	0	1.50
SGB	Virginia	COOK	Less Than 5%	5.00	No Selection	No Selection	NONE	No Selection	0	1.50
SGB	Virginia	COOK	Less Than 5%	5.00	No Selection	No Selection	NONE	No Selection	0	1.50
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	3.00
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	3.00
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	3.00
SGB	Virginia	COOK	Less Than 5%	1.50	Sunny	Moderate Waves	S	Above Normal	2	1.50
SGB	Virginia	COOK	Less Than 5%	1.50	Sunny	Moderate Waves	S	Above Normal	2	1.50
SGB	Virginia	COOK	Less Than 5%	1.50	Sunny	Moderate Waves	S	Above Normal	2	1.50
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	3.00
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	3.00
SGB	Virginia	COOK	Less Than 5%	0.00	Sunny	Calm/Ripple	S	Normal or Full	0	3.00
RJJ	Weslake	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	6	Normal or Full	0	1.00
RJJ	Weslake	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	6	Normal or Full	0	1.00
RJJ	Weslake	ST CLAIR	Less Than 5%	0.00	Sunny	Calm/Ripple	6	Normal or Full	0	1.00
RJJ	Weslake	ST CLAIR		0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RJJ	Weslake	ST CLAIR		0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RJJ	Weslake	ST CLAIR		0.00	Sunny	Calm/Ripple	SE	Normal or Full	0	1.00
RTZB	West Loon	LAKE	No Selection	0.25	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
RTZB	West Loon	LAKE	No Selection	0.25	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
RTZB	West Loon	LAKE	No Selection	0.25	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
RTZB	West Loon	LAKE	26% To 50%	0.00	Sunny	Small Waves	W	Normal or Full	0	2.00

Lake Code	Waterbody	Observations	Other Information	Management
SGB	Virginia			
SGB	Virginia			
SGB	Virginia			
SGB	Virginia	No rain		
SGB	Virginia	No rain		
SGB	Virginia	No rain		
SGB	Virginia			
SGB	Virginia			
SGB	Virginia			
SGB	Virginia			
SGB	Virginia			
SGB	Virginia			
SGB	Virginia			
SGB	Virginia			
SGB	Virginia			
SGB	Virginia			
RJ	Weslake			
RJ	Weslake			
RJ	Weslake			
RJ	Weslake			
RJ	Weslake			
RJ	Weslake			
RTZB	West Loon	Lake has receded to normal level (down 8 in) from May 3rd storms. Algae Bloom in water column		
RTZB	West Loon	Lake has receded to normal level (down 8 in) from May 3rd storms. Algae Bloom in water column		
RTZB	West Loon	Lake has receded to normal level (down 8 in) from May 3rd storms. Algae Bloom in water column		
RTZB	West Loon	Heavy rain closed the lake June 29. Lake level to spring normal		Weed harvesting

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
SGB	Virginia	17-Jul-18	13:20	SGB-1	184	FALSE	FALSE	0	3	61.0
SGB	Virginia	17-Jul-18	13:10	SGB-2	210	FALSE	FALSE	0	8	44.0
SGB	Virginia	17-Jul-18	13:00	SGB-3	202	FALSE	FALSE	0	8	44.5
SGB	Virginia	02-Aug-18	14:32	SGB-1	321	FALSE	FALSE	0	2	62.0
SGB	Virginia	02-Aug-18	14:20	SGB-2	297	FALSE	FALSE	0	2	44.0
SGB	Virginia	02-Aug-18	14:00	SGB-3	230	FALSE	FALSE	0	2	44.0
SGB	Virginia	04-Sep-18	11:25	SGB-1	192	FALSE	FALSE	0	8	59.0
SGB	Virginia	04-Sep-18	11:15	SGB-2	198	FALSE	FALSE	0	17	45.0
SGB	Virginia	04-Sep-18	11:00	SGB-3	176	FALSE	FALSE	0	12	45.0
SGB	Virginia	17-Sep-18	10:45	SGB-1	340	FALSE	FALSE	0	3	62.0
SGB	Virginia	17-Sep-18	10:30	SGB-2	348	FALSE	FALSE	0	3	44.0
SGB	Virginia	17-Sep-18	10:10	SGB-3	340	FALSE	FALSE	0	8	43.0
SGB	Virginia	03-Oct-18	14:38	SGB-1	268	FALSE	FALSE	0	3	61.0
SGB	Virginia	03-Oct-18	14:26	SGB-2	269	FALSE	FALSE	0	3	44.0
SGB	Virginia	03-Oct-18	14:10	SGB-3	250	FALSE	FALSE	0	3	44.0
SGB	Virginia	18-Oct-18	09:52	SGB-1	218	FALSE	FALSE	0	8	62.0
SGB	Virginia	18-Oct-18	09:40	SGB-2	196	FALSE	FALSE	0	8	44.0
SGB	Virginia	18-Oct-18	09:30	SGB-3	224	FALSE	FALSE	0	8	45.0
RJJ	Weslake	23-May-18	8:20	RJJ-1	35	FALSE	FALSE		17	32.5
RJJ	Weslake	23-May-18	8:40	RJJ-2	36	FALSE	FALSE		17	19.0
RJJ	Weslake	23-May-18	9:00	RJJ-3	35	FALSE	FALSE		17	4.0
RJJ	Weslake	04-Jul-18	07:40	RJJ-1	31	FALSE	FALSE		17	32.5
RJJ	Weslake	04-Jul-18	07:55	RJJ-2	30	FALSE	FALSE		17	18.0
RJJ	Weslake	04-Jul-18	08:10	RJJ-3	35	FALSE	FALSE		17	4.5
RTZB	West Loon	14-Jun-18	07:45	RTZB-2	186	FALSE	FALSE	0	12	38.5
RTZB	West Loon	14-Jun-18	07:50	RTZB-3	166	FALSE	FALSE	0	12	26.0
RTZB	West Loon	14-Jun-18	07:55	RTZB-4	79	TRUE	FALSE	2	12	6.5
RTZB	West Loon	09-Jul-18	10:20	RTZB-2	144	FALSE	FALSE	0	12	40.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZB	West Loon	LAKE	26% To 50%	0.00	Sunny	Small Waves	W	Normal or Full	0	2.00
RTZB	West Loon	LAKE	26% To 50%	0.00	Sunny	Small Waves	W	Normal or Full	0	2.00
RTZB	West Loon	LAKE	26% To 50%	0.25	Partly Cloudy	Calm/Ripple	W	Below Normal	4	2.00
RTZB	West Loon	LAKE	26% To 50%	0.25	Partly Cloudy	Calm/Ripple	W	Below Normal	4	2.00
RTZB	West Loon	LAKE	26% To 50%	0.25	Partly Cloudy	Calm/Ripple	W	Below Normal	4	2.00
RTZB	West Loon	LAKE	26% To 50%	0.00	Sunny	Calm/Ripple	S	Above Normal	4	1.00
RTZB	West Loon	LAKE	26% To 50%	0.00	Sunny	Calm/Ripple	S	Above Normal	4	1.00
RTZB	West Loon	LAKE	26% To 50%	0.00	Sunny	Calm/Ripple	S	Above Normal	4	1.00
RPZK	Westlake	WINNEBAGO	Less Than 5%		Sunny	Calm/Ripple	NNE	Normal or Full	0	6.00
RPZK	Westlake	WINNEBAGO	Less Than 5%		Sunny	Calm/Ripple	NNE	Normal or Full	0	6.00
RPZK	Westlake	WINNEBAGO	Less Than 5%		Sunny	Calm/Ripple	NNE	Normal or Full	0	6.00
RPZK	Westlake	WINNEBAGO	5% To 25%	0.00	Sunny	Small Waves	NNW	Normal or Full	0	7.00
RPZK	Westlake	WINNEBAGO	5% To 25%	0.00	Sunny	Small Waves	NNW	Normal or Full	0	7.00
RPZK	Westlake	WINNEBAGO	5% To 25%	0.00	Sunny	Small Waves	NNW	Normal or Full	0	7.00
RPZK	Westlake	WINNEBAGO	5% To 25%	1.80	Overcast	Calm/Ripple	WSW	Normal or Full	0	6.00
RPZK	Westlake	WINNEBAGO	5% To 25%	1.80	Overcast	Calm/Ripple	WSW	Normal or Full	0	6.00
RPZK	Westlake	WINNEBAGO	5% To 25%	1.80	Overcast	Calm/Ripple	WSW	Normal or Full	0	6.00
RPZK	Westlake	WINNEBAGO	5% To 25%	0.00	Sunny	Moderate Waves	ENE	Normal or Full	0	7.00
RPZK	Westlake	WINNEBAGO	5% To 25%	0.00	Sunny	Moderate Waves	ENE	Normal or Full	0	7.00

Lake Code	Waterbody	Observations	Other Information	Management
		Heavy rain closed the lake June 29.		
RTZB	West Loon	Lake level to spring normal		Weed harvesting
		Heavy rain closed the lake June 29.		
RTZB	West Loon	Lake level to spring normal		Weed harvesting
RTZB	West Loon			Herbicide Treatment 7/24/18 Mechanical Harvesting ongoing
RTZB	West Loon			Herbicide Treatment 7/24/18 Mechanical Harvesting ongoing
RTZB	West Loon			Herbicide Treatment 7/24/18 Mechanical Harvesting ongoing
RTZB	West Loon			Mechanical harvesting ongoing
RTZB	West Loon			Mechanical harvesting ongoing
RTZB	West Loon			Mechanical harvesting ongoing
RPZK	Westlake		7" Rain from 8-29 thru 9-6	
RPZK	Westlake		7" Rain from 8-29 thru 9-6	
RPZK	Westlake		7" Rain from 8-29 thru 9-6	
RPZK	Westlake		Blue-green bloom starting to form, but lake visually looks good	
RPZK	Westlake		Blue-green bloom starting to form, but lake visually looks good	
RPZK	Westlake		Blue-green bloom starting to form, but lake visually looks good	
RPZK	Westlake			Chemical treatment for coontail and filamentous algae
RPZK	Westlake			Chemical treatment for coontail and filamentous algae
RPZK	Westlake			Chemical treatment for coontail and filamentous algae
RPZK	Westlake	Higher than normal rainfall this summer	Water has a tanic appearance very clear compared to notmal. DO lower than anticipated	Upstream sewer plant schedguled to go offline March or April 2019
RPZK	Westlake	Higher than normal rainfall this summer	Water has a tanic appearance very clear compared to notmal. DO lower than anticipated	Upstream sewer plant schedguled to go offline March or April 2019

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZB	West Loon	09-Jul-18	10:31	RTZB-3	134	FALSE	FALSE	0	12	30.0
RTZB	West Loon	09-Jul-18	10:47	RTZB-4	82	TRUE	FALSE	0	12	7.0
RTZB	West Loon	09-Aug-18	14:40	RTZB-2	106	FALSE	FALSE	0	12	40.0
RTZB	West Loon	09-Aug-18	14:48	RTZB-3	82	FALSE	FALSE	0	12	25.0
RTZB	West Loon	09-Aug-18	14:56	RTZB-4	66	FALSE	FALSE	0	12	6.5
RTZB	West Loon	12-Sep-18	10:50	RTZB-2	108	FALSE	FALSE	0	12	40.0
RTZB	West Loon	12-Sep-18	11:05	RTZB-3	106	FALSE	FALSE	0	12	19.5
RTZB	West Loon	12-Sep-18	11:10	RTZB-4	82	TRUE	FALSE	0	12	6.5
RPZK	Westlake	10-Sep-18	13:15	RPZK-1	25	FALSE	FALSE	0	13	10.0
RPZK	Westlake	10-Sep-18	13:05	RPZK-2	21	FALSE	FALSE	0	13	10.0
RPZK	Westlake	10-Sep-18	12:45	RPZK-3	24	FALSE	FALSE	0	13	14.0
RPZK	Westlake	24-Jul-18	10:00	RPZK-1	36	FALSE	FALSE	0	17	10.0
RPZK	Westlake	24-Jul-18	10:14	RPZK-2	34	FALSE	FALSE	0	8	8.0
RPZK	Westlake	24-Jul-18	10:29	RPZK-3	27	FALSE	FALSE	0	8	14.0
RPZK	Westlake	20-Jul-18	11:04	RPZK-1	24	FALSE	FALSE	0	17	10.0
RPZK	Westlake	20-Jul-18	11:19	RPZK-2	28	FALSE	FALSE	0	17	9.5
RPZK	Westlake	20-Jul-18	11:29	RPZK-3	30	FALSE	FALSE	0	17	14.0
RPZK	Westlake	25-Jun-18	10:32	RPZK-1	82	FALSE	FALSE	0	13	10.0
RPZK	Westlake	25-Jun-18	11:42	RPZK-2	68	FALSE	FALSE	0	13	8.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPZK	Westlake	WINNEBAGO	5% To 25%	0.00	Sunny	Moderate Waves	ENE	Normal or Full	0	7.00
RPZK	Westlake	WINNEBAGO	5% To 25%	1.50	Partly Cloudy	Moderate Waves	South	Above Normal	6	6.00
RPZK	Westlake	WINNEBAGO	5% To 25%	1.50	Partly Cloudy	Moderate Waves	South	Above Normal	6	6.00
RPZK	Westlake	WINNEBAGO	5% To 25%	1.50	Partly Cloudy	Moderate Waves	South	Above Normal	6	6.00
RPZK	Westlake	WINNEBAGO	Less Than 5%	0.00	Overcast	Calm/Ripple	NNE	Normal or Full	0	7.00
RPZK	Westlake	WINNEBAGO	Less Than 5%	0.00	Overcast	Calm/Ripple	NNE	Normal or Full	0	7.00
RPZK	Westlake	WINNEBAGO	Less Than 5%	0.00	Overcast	Calm/Ripple	NNE	Normal or Full	0	7.00
RPZK	Westlake	WINNEBAGO	Less Than 5%	0.00	Partly Cloudy	Small Waves	NNE	Normal or Full	0	7.00
RPZK	Westlake	WINNEBAGO	Less Than 5%	0.00	Partly Cloudy	Small Waves	NNE	Normal or Full	0	7.00
RPZK	Westlake	WINNEBAGO	Less Than 5%	0.00	Partly Cloudy	Small Waves	NNE	Normal or Full	0	7.00
RTZC	Wonder	MCHENRY	Less Than 5%	1.80	Overcast	Calm/Ripple	W	Above Normal	4	2.00
RTZC	Wonder	MCHENRY	Less Than 5%	1.80	Overcast	Calm/Ripple	W	Above Normal	4	2.00
RTZC	Wonder	MCHENRY	Less Than 5%	1.80	Overcast	Calm/Ripple	W	Above Normal	4	2.00

Lake Code	Waterbody	Observations	Other Information	Management
RPZK	Westlake	Higher than normal rainfall this summer	Water has a tannic appearance very clear compared to normal. DO lower than anticipated	Upstream sewer plant scheduled to go offline March or April 2019
RPZK	Westlake	Lake better than normal for time of year. Coontail & sago pondweed is getting dense on south side of lake		Treated for curlyleaf pondweed
RPZK	Westlake	Lake better than normal for time of year. Coontail & sago pondweed is getting dense on south side of lake		Treated for curlyleaf pondweed
RPZK	Westlake	Lake better than normal for time of year. Coontail & sago pondweed is getting dense on south side of lake		Treated for curlyleaf pondweed
RPZK	Westlake			
RPZK	Westlake			
RPZK	Westlake			
RPZK	Westlake		Murky, main channel clearer, Main channel more tannic colored, coves are milk chocolate colored	
RPZK	Westlake		Murky, main channel clearer, Main channel more tannic colored, coves are milk chocolate colored	
RPZK	Westlake		Murky, main channel clearer, Main channel more tannic colored, coves are milk chocolate colored	
RTZC	Wonder		Excellent bass tournament last Sunday due to major increase in gizzard shad population.	MPOA/Sportsman's Club purchased and deployed a propane cannon on N and W Island to discourage huge and increasing cormorant population.
RTZC	Wonder		Excellent bass tournament last Sunday due to major increase in gizzard shad population.	MPOA/Sportsman's Club purchased and deployed a propane cannon on N and W Island to discourage huge and increasing cormorant population.
RTZC	Wonder		Excellent bass tournament last Sunday due to major increase in gizzard shad population.	MPOA/Sportsman's Club purchased and deployed a propane cannon on N and W Island to discourage huge and increasing cormorant population.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPZK	Westlake	25-Jun-18	11:13	RPZK-3	56	FALSE	FALSE	0	13	15.0
RPZK	Westlake	15-Jun-18	10:40	RPZK-1	39	FALSE	FALSE	0	12	10.0
RPZK	Westlake	15-Jun-18	11:33	RPZK-2	48	FALSE	FALSE	1	12	8.5
RPZK	Westlake	15-Jun-18	11:04	RPZK-3	58	FALSE	FALSE	0	13	14.0
RPZK	Westlake	29-May-18	10:39	RPZK-1	55	FALSE	FALSE	0	17	10.0
RPZK	Westlake	29-May-18	11:04	RPZK-2	60	FALSE	FALSE	0	8	10.0
RPZK	Westlake	29-May-18	11:18	RPZK-3	76	FALSE	FALSE	0	8	14.0
RPZK	Westlake	17-May-18	13:22	RPZK-1	21	FALSE	FALSE	0	13	12.0
RPZK	Westlake	17-May-18	13:59	RPZK-2	13	FALSE	FALSE	0	12	8.0
RPZK	Westlake	17-May-18	14:19	RPZK-3	13	FALSE	FALSE	0	12	14.0
RTZC	Wonder	13-May-18	13:23	RTZC-1	21	FALSE	FALSE	0	12	10.0
RTZC	Wonder	13-May-18	13:33	RTZC-2	15	FALSE	FALSE	0	12	6.0
RTZC	Wonder	13-May-18	14:12	RTZC-3	16	FALSE	FALSE	0	12	7.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Normal or Full	0	2.50
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Normal or Full	0	2.50
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Overcast	Calm/Ripple	N	Normal or Full	0	2.50
RTZC	Wonder	MCHENRY	Less Than 5%	1.50	Overcast	Calm/Ripple	NE	Above Normal	2	1.50
RTZC	Wonder	MCHENRY	Less Than 5%	1.50	Overcast	Calm/Ripple	NE	Above Normal	2	1.50
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Small Waves	N	Above Normal	2	2.50
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Small Waves	N	Above Normal	2	2.50
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Sunny	Small Waves	S	Normal or Full	0	5.00

Lake Code	Waterbody	Observations	Other Information	Management
RTZC	Wonder	Two consecutive days of 95 degrees - unusual for May.	Today is the Tuesday after the 3-day Memorial Day weekend. Boat traffic was "normal" for a holiday weekend.	Site 3 is about 12 feet SW of dredging pipeline; pump is not working today. Tier 2 water samples collected at Site 1, DO/temp. at all 3 sites.
RTZC	Wonder	Two consecutive days of 95 degrees - unusual for May.	Today is the Tuesday after the 3-day Memorial Day weekend. Boat traffic was "normal" for a holiday weekend.	Site 3 is about 12 feet SW of dredging pipeline; pump is not working today. Tier 2 water samples collected at Site 1, DO/temp. at all 3 sites.
RTZC	Wonder	Two consecutive days of 95 degrees - unusual for May.	Today is the Tuesday after the 3-day Memorial Day weekend. Boat traffic was "normal" for a holiday weekend.	Site 3 is about 12 feet SW of dredging pipeline; pump is not working today. Tier 2 water samples collected at Site 1, DO/temp. at all 3 sites.
RTZC	Wonder		Sailboat races cancelled yesterday (Sunday) due to rain. One fishing boat on lake today. Arrowhead, yellow spatterdock.	Dredging pipeline running directly over Site 3. Dredger is 120 yards south of Site 3, not apparent if operating.
RTZC	Wonder		Sailboat races cancelled yesterday (Sunday) due to rain. One fishing boat on lake today. Arrowhead, yellow spatterdock.	Dredging pipeline running directly over Site 3. Dredger is 120 yards south of Site 3, not apparent if operating.
RTZC	Wonder		Lake had been closed due to high water. 1 day of no-wake, then opened yesterday, June 24. Normal presence of arrowhead, yellow spatterdock.	Dredging pipeline is floating across area to get to Site 3, so could not access site. Tier 2 samples collected at Site 1, DO-temp profiles at Sites 1 and 2.
RTZC	Wonder		Lake had been closed due to high water. 1 day of no-wake, then opened yesterday, June 24. Normal presence of arrowhead, yellow spatterdock.	Dredging pipeline is floating across area to get to Site 3, so could not access site. Tier 2 samples collected at Site 1, DO-temp profiles at Sites 1 and 2.
RTZC	Wonder		Very high DO reading near surface at Site 1 (20.8) and Site 3 (17.0). Quite a bit of boat traffic today, but it's a Sunday. Normal presence of arrowhead, yellow spatterdock.	Dredger now in west bay. A 12 foot deep "hole" was dredged south of Site 3.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZC	Wonder	29-May-18	10:40	RTZC-1	28	FALSE	FALSE	0	12	10.0
RTZC	Wonder	29-May-18	10:51	RTZC-2	26	FALSE	FALSE	0	0	5.5
RTZC	Wonder	29-May-18	11:16	RTZC-3	24	FALSE	FALSE	-1	0	7.5
RTZC	Wonder	11-Jun-18	10:28	RTZC-1	24	FALSE	FALSE	0	12	10.0
RTZC	Wonder	11-Jun-18	10:45	RTZC-2	21	FALSE	FALSE	0	12	6.0
RTZC	Wonder	25-Jun-18	11:31	RTZC-1	17	FALSE	FALSE	0	12	10.0
RTZC	Wonder	25-Jun-18	11:50	RTZC-2	14	FALSE	FALSE	0	12	6.0
RTZC	Wonder	08-Jul-18	14:03	RTZC-1	16	FALSE	FALSE	0	12	10.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Sunny	Small Waves	S	Normal or Full	0	5.00
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Sunny	Small Waves	S	Normal or Full	0	5.00
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	S	Normal or Full	0	2.00
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Hazy	Calm/Ripple	S	Below Normal	1	2.50
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Hazy	Calm/Ripple	S	Below Normal	1	2.50
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Hazy	Calm/Ripple	S	Below Normal	1	2.50
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Overcast	Small Waves	S	Below Normal	1	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RTZC	Wonder		Very high DO reading near surface at Site 1 (20.8) and Site 3 (17.0). Quite a bit of boat traffic today, but it's a Sunday. Normal presence of arrowhead, yellow spatterdock.	Dredger now in west bay. A 12 foot deep "hole" was dredged south of Site 3.
RTZC	Wonder		Very high DO reading near surface at Site 1 (20.8) and Site 3 (17.0). Quite a bit of boat traffic today, but it's a Sunday. Normal presence of arrowhead, yellow spatterdock.	Dredger now in west bay. A 12 foot deep "hole" was dredged south of Site 3.
RTZC	Wonder		Sailboat racing cancelled, not enough wind.	Dredger in NE part of West Bay.
RTZC	Wonder		Sailboat racing cancelled, not enough wind.	Dredger in NE part of West Bay.
RTZC	Wonder		Sailboat racing cancelled, not enough wind.	Dredger in NE part of West Bay.
RTZC	Wonder		Sailing cancelled yesterday (Sunday) - no wind.	Dredger is operating in West Bay - hopefully dredging passage to Nippersink Creek. Tier 2 samples collected at Site1, DO/temp profiles at all 3 sites.
RTZC	Wonder		Sailing cancelled yesterday (Sunday) - no wind.	Dredger is operating in West Bay - hopefully dredging passage to Nippersink Creek. Tier 2 samples collected at Site1, DO/temp profiles at all 3 sites.
RTZC	Wonder		Sailing cancelled yesterday (Sunday) - no wind.	Dredger is operating in West Bay - hopefully dredging passage to Nippersink Creek. Tier 2 samples collected at Site1, DO/temp profiles at all 3 sites.
RTZC	Wonder	Very hot and humid, especially yesterday. Rain possible at any time.	One pontoon boat on lake today (a Monday).	Dredger in West Bay. Pipeline parts still in South Bay. Pipeline is supposed to be removed by Labor Day weekend — the start of nuisance goose season.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZC	Wonder	08-Jul-18	15:09	RTZC-2	18	FALSE	FALSE	0	12	6.0
RTZC	Wonder	08-Jul-18	15:28	RTZC-3	14	FALSE	FALSE	0	12	8.0
RTZC	Wonder	29-Jul-18	10:00	RTZC-1	22	FALSE	FALSE	0	12	10.0
RTZC	Wonder	29-Jul-18	10:28	RTZC-2	18	FALSE	FALSE	0	12	5.5
RTZC	Wonder	29-Jul-18	10:53	RTZC-3	16	FALSE	FALSE	0	12	8.5
RTZC	Wonder	13-Aug-18	10:41	RTZC-1	24	FALSE	FALSE	0	12	10.0
RTZC	Wonder	13-Aug-18	11:06	RTZC-2	20	FALSE	FALSE	0	12	5.5
RTZC	Wonder	13-Aug-18	11:34	RTZC-3	21	FALSE	FALSE	0	12	7.0
RTZC	Wonder	27-Aug-18	12:39	RTZC-1	16	FALSE	FALSE	0	12	10.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Overcast	Small Waves	S	Below Normal	1	1.00
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Overcast	Small Waves	S	Below Normal	1	1.00
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	0.5	1.00
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	0.5	1.00
RTZC	Wonder	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	N	Below Normal	0.5	1.00
RPM	Woodhaven	LEE	No Selection	0.10	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
RPM	Woodhaven	LEE	No Selection	0.10	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00
RPM	Woodhaven	LEE	No Selection	0.10	Sunny	Calm/Ripple	NONE	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RTZC	Wonder	Very hot and humid, especially yesterday. Rain possible at any time.	One pontoon boat on lake today (a Monday).	Dredger in West Bay. Pipeline parts still in South Bay. Pipeline is supposed to be removed by Labor Day weekend — the start of nuisance goose season.
RTZC	Wonder	Very hot and humid, especially yesterday. Rain possible at any time.	One pontoon boat on lake today (a Monday).	Dredger in West Bay. Pipeline parts still in South Bay. Pipeline is supposed to be removed by Labor Day weekend — the start of nuisance goose season.
RTZC	Wonder		No boats on lake, Only one monitoring during September.	Dredger operating at north side of West Bay. Should be the last 2 weeks of the 4 year dredging project!
RTZC	Wonder		No boats on lake, Only one monitoring during September.	Dredger operating at north side of West Bay. Should be the last 2 weeks of the 4 year dredging project!
RTZC	Wonder		No boats on lake, Only one monitoring during September.	Dredger operating at north side of West Bay. Should be the last 2 weeks of the 4 year dredging project!
RPM	Woodhaven		Surface water temperature of 62 degrees F, Curlyleaf pondweed, milfoil sp., coontail, chara sp., observed "clouds" of plankton wile moving across the lake; tannish/lt.gold in color.	none
RPM	Woodhaven		Surface water temperature of 62 degrees F, Curlyleaf pondweed, milfoil sp., coontail, chara sp., observed "clouds" of plankton wile moving across the lake; tannish/lt.gold in color.	none
RPM	Woodhaven		Surface water temperature of 62 degrees F, Curlyleaf pondweed, milfoil sp., coontail, chara sp., observed "clouds" of plankton wile moving across the lake; tannish/lt.gold in color.	none

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTZC	Wonder	27-Aug-18	12:56	RTZC-2	12	FALSE	FALSE	0	12	6.0
RTZC	Wonder	27-Aug-18	13:11	RTZC-3	12	FALSE	FALSE	-1	12	8.0
RTZC	Wonder	24-Sep-18	11:57	RTZC-1	23	FALSE	FALSE	0	12	10.0
RTZC	Wonder	24-Sep-18	12:19	RTZC-2	20	FALSE	FALSE	0	12	5.5
RTZC	Wonder	24-Sep-18	12:36	RTZC-3	19	FALSE	FALSE	0	12	10.0
RPM	Woodhaven	07-May-18	08:24	RPM-1	144	FALSE	FALSE	0	15	26.5
RPM	Woodhaven	07-May-18	09:00	RPM-2	125	TRUE	FALSE	1	12	7.0
RPM	Woodhaven	07-May-18	08:39	RPM-3	84	TRUE	FALSE	1	12	10.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPM	Woodhaven	LEE	51% To 70%	0.60	Overcast	Calm/Ripple	W	Normal or Full	0	1.00
RPM	Woodhaven	LEE	51% To 70%	0.60	Overcast	Calm/Ripple	W	Normal or Full	0	1.00
RPM	Woodhaven	LEE	51% To 70%	0.60	Overcast	Calm/Ripple	W	Normal or Full	0	1.00
RPM	Woodhaven	LEE	No Selection	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RPM	Woodhaven	LEE	No Selection	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RPM	Woodhaven	LEE	No Selection	0.00	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RPM	Woodhaven	LEE	No Selection	0.10	Overcast	Small Waves	S	Normal or Full	0	1.00
RPM	Woodhaven	LEE	No Selection	0.10	Overcast	Small Waves	S	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RPM	Woodhaven		Vegetation noted: Coontail, Milfoil sp., Curlyleaf pondweed	Spot treated using a mix of Reward and Cutrine in 2 areas of the lake on 5/16/18.
RPM	Woodhaven		Vegetation noted: Coontail, Milfoil sp., Curlyleaf pondweed	Spot treated using a mix of Reward and Cutrine in 2 areas of the lake on 5/16/18.
RPM	Woodhaven		Vegetation noted: Coontail, Milfoil sp., Curlyleaf pondweed	Spot treated using a mix of Reward and Cutrine in 2 areas of the lake on 5/16/18.
RPM	Woodhaven	none	Vegetation noted: coontail, milfoil sp., curlyleaf pondweed, sago pondweed, elodea.	Spot treated in 2 locations on 5/25/18 for aquatic vegetation using Reward and Cutrine Ultra.
RPM	Woodhaven	none	Vegetation noted: coontail, milfoil sp., curlyleaf pondweed, sago pondweed, elodea.	Spot treated in 2 locations on 5/25/18 for aquatic vegetation using Reward and Cutrine Ultra.
RPM	Woodhaven	none	Vegetation noted: coontail, milfoil sp., curlyleaf pondweed, sago pondweed, elodea.	Spot treated in 2 locations on 5/25/18 for aquatic vegetation using Reward and Cutrine Ultra.
RPM	Woodhaven	We have had some heavy rain events during the period with high heat.	Some floating filamentous algae along shorelines, floating leaved pondweed, Chara sp., Coontail, Milfoil sp., Sago pondweed	Conducted spot treatments for submersed aquatic plants and algae on 6/4/18 in the midsection of the finger in section 23/18 using Reward and Cutrine Ultra. Conducted a spot treatment for plankton in the same finger on 6/13/18 using Cutrine Ultra.
RPM	Woodhaven	We have had some heavy rain events during the period with high heat.	Some floating filamentous algae along shorelines, floating leaved pondweed, Chara sp., Coontail, Milfoil sp., Sago pondweed	Conducted spot treatments for submersed aquatic plants and algae on 6/4/18 in the midsection of the finger in section 23/18 using Reward and Cutrine Ultra. Conducted a spot treatment for plankton in the same finger on 6/13/18 using Cutrine Ultra.

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPM	Woodhaven	22-May-18	08:29	RPM-1	130	FALSE	FALSE	0	3	25.0
RPM	Woodhaven	22-May-18	09:08	RPM-2	102	FALSE	TRUE	2	3	9.0
RPM	Woodhaven	22-May-18	09:01	RPM-3	98	TRUE	FALSE	1	12	8.5
RPM	Woodhaven	04-Jun-18	09:57	RPM-1	85	FALSE	FALSE	0	13	27.0
RPM	Woodhaven	04-Jun-18	10:49	RPM-2	72	FALSE	FALSE	0	12	9.0
RPM	Woodhaven	04-Jun-18	10:20	RPM-3	76	FALSE	FALSE	1	12	9.0
RPM	Woodhaven	26-Jun-18	10:16	RPM-1	42	FALSE	FALSE	0	12	23.0
RPM	Woodhaven	26-Jun-18	10:59	RPM-2	43	FALSE	FALSE	0	12	10.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPM	Woodhaven	LEE	No Selection	0.10	Overcast	Small Waves	S	Normal or Full	0	1.00
RPM	Woodhaven	LEE	26% To 50%	0.00	Hazy	Calm/Ripple	SE	Normal or Full	0	1.00
RPM	Woodhaven	LEE	26% To 50%	0.00	Hazy	Calm/Ripple	SE	Normal or Full	0	1.00
RPM	Woodhaven	LEE	26% To 50%	0.00	Hazy	Calm/Ripple	SE	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.10	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.10	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.10	Sunny	Calm/Ripple	N	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RPM	Woodhaven	We have had some heavy rain events during the period with high heat.	Some floating filamentous algae along shorelines, floating leaved pondweed, Chara sp., Coontail, Milfoil sp., Sago pondweed	Conducted spot treatments for submersed aquatic plants and algae on 6/4/18 in the midsection of the finger in section 23/18 using Reward and Cutrine Ultra. Conducted a spot treatment for plankton in the same finger on 6/13/18 using Cutrine Ultra.
RPM	Woodhaven	Hot period with little rain.	Floating leaved pondweed present along shorelines, coontail, milfoil sp. (dominant plants), chara sp., other pondweed sp. present.	Harvesting aquatic vegetation June 25-29. Plankton treatment on approximately 1/3 of lake on July 3 using Cutrine Ultra, 15 gal.
RPM	Woodhaven	Hot period with little rain.	Floating leaved pondweed present along shorelines, coontail, milfoil sp. (dominant plants), chara sp., other pondweed sp. present.	Harvesting aquatic vegetation June 25-29. Plankton treatment on approximately 1/3 of lake on July 3 using Cutrine Ultra, 15 gal.
RPM	Woodhaven	Hot period with little rain.	Floating leaved pondweed present along shorelines, coontail, milfoil sp. (dominant plants), chara sp., other pondweed sp. present.	Harvesting aquatic vegetation June 25-29. Plankton treatment on approximately 1/3 of lake on July 3 using Cutrine Ultra, 15 gal.
RPM	Woodhaven	Cooler period.	Very little vegetation on water surface, species noted: Chara sp., watermeal sp., coontail, floating leaved pondweed, cattails.	conducted chemical spot treatments on 7/23 using a mix of Reward & Cutrine Ultra at a 1:1 ration on 4 spots on the lake.
RPM	Woodhaven	Cooler period.	Very little vegetation on water surface, species noted: Chara sp., watermeal sp., coontail, floating leaved pondweed, cattails.	conducted chemical spot treatments on 7/23 using a mix of Reward & Cutrine Ultra at a 1:1 ration on 4 spots on the lake.
RPM	Woodhaven	Cooler period.	Very little vegetation on water surface, species noted: Chara sp., watermeal sp., coontail, floating leaved pondweed, cattails.	conducted chemical spot treatments on 7/23 using a mix of Reward & Cutrine Ultra at a 1:1 ration on 4 spots on the lake.
RPM	Woodhaven		Aquatic Plant species noted: coontail, milfoil sp., floating leaved pondweed. Counted 32 Canada geese on the lake.	Cleaned off vegetation from the netting of the circulator.

Lake Monitoring Data

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPM	Woodhaven	26-Jun-18	10:45	RPM-3	44	FALSE	FALSE	0	13	9.0
RPM	Woodhaven	11-Jul-18	09:36	RPM-1	68	FALSE	FALSE	0	13	25.0
RPM	Woodhaven	11-Jul-18	10:34	RPM-2	63	FALSE	FALSE	2	13	10.5
RPM	Woodhaven	11-Jul-18	10:21	RPM-3	60	FALSE	FALSE	1	13	6.5
RPM	Woodhaven	23-Jul-18	10:55	RPM-1	51	FALSE	FALSE	0	13	27.0
RPM	Woodhaven	23-Jul-18	11:41	RPM-2	46	FALSE	FALSE	0	12	10.5
RPM	Woodhaven	23-Jul-18	11:28	RPM-3	53	FALSE	FALSE	1	12	8.5
RPM	Woodhaven	01-Aug-18	08:40	RPM-1	41	FALSE	FALSE	0	12	25.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPM	Woodhaven	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.00	Sunny	Calm/Ripple	W	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.00	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.39	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.39	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.39	Partly Cloudy	Small Waves	SW	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.00	Sunny	Small Waves	S	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.00	Sunny	Small Waves	S	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.00	Sunny	Small Waves	S	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00
RPM	Woodhaven	LEE	5% To 25%	0.27	Partly Cloudy	Small Waves	S	Normal or Full	0	1.00

Lake Code	Waterbody	Observations	Other Information	Management
RPM	Woodhaven		Aquatic Plant species noted: coontail, milfoil sp., floating leaved pondweed. Counted 32 Canada geese on the lake.	Cleaned off vegetation from the netting of the circulator.
RPM	Woodhaven		Aquatic Plant species noted: coontail, milfoil sp., floating leaved pondweed. Counted 32 Canada geese on the lake.	Cleaned off vegetation from the netting of the circulator.
RPM	Woodhaven	None	4 geese noted on the lake. Vegetation noted: coontail, floating leaved pondweed.	Treatment conducted on 8/3/18 at 4 locations on the lake. This was to target plankton using Cutrine Ultra.
RPM	Woodhaven	None	4 geese noted on the lake. Vegetation noted: coontail, floating leaved pondweed.	Treatment conducted on 8/3/18 at 4 locations on the lake. This was to target plankton using Cutrine Ultra.
RPM	Woodhaven	None	4 geese noted on the lake. Vegetation noted: coontail, floating leaved pondweed.	Treatment conducted on 8/3/18 at 4 locations on the lake. This was to target plankton using Cutrine Ultra.
RPM	Woodhaven	We had above normal rain during the period.	Coontail & Milfoils sp., dead largemouth bass noted along the shoreline approximately 5 pounds.	none
RPM	Woodhaven	We had above normal rain during the period.	Coontail & Milfoils sp., dead largemouth bass noted along the shoreline approximately 5 pounds.	none
RPM	Woodhaven	We had above normal rain during the period.	Coontail & Milfoils sp., dead largemouth bass noted along the shoreline approximately 5 pounds.	none
RPM	Woodhaven	None	None	None
RPM	Woodhaven	None	None	None
RPM	Woodhaven	None	None	None
RPM	Woodhaven	Significant precipitation fell over the Columbus Day weekend period with up to 3 inches measured.	Floating leaved pondweed present along the shoreline. Approximately 100 Canada geese on the lake.	None
RPM	Woodhaven	Significant precipitation fell over the Columbus Day weekend period with up to 3 inches measured.	Floating leaved pondweed present along the shoreline. Approximately 100 Canada geese on the lake.	None
RPM	Woodhaven	Significant precipitation fell over the Columbus Day weekend period with up to 3 inches measured.	Floating leaved pondweed present along the shoreline. Approximately 100 Canada geese on the lake.	None

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPM	Woodhaven	01-Aug-18	09:25	RPM-2	37	FALSE	FALSE	0	12	9.0
RPM	Woodhaven	01-Aug-18	09:11	RPM-3	39	FALSE	FALSE	0	3	9.0
RPM	Woodhaven	27-Aug-18	14:21	RPM-1	29	FALSE	FALSE	0	3	23.5
RPM	Woodhaven	27-Aug-18	14:53	RPM-2	29	FALSE	FALSE	0	3	11.0
RPM	Woodhaven	27-Aug-18	14:12	RPM-3	29	FALSE	FALSE	0	9	8.0
RPM	Woodhaven	05-Sep-18	10:35	RPM-1	30	FALSE	FALSE	0	8	25.0
RPM	Woodhaven	05-Sep-18	11:15	RPM-2	30	FALSE	FALSE	0	12	13.0
RPM	Woodhaven	05-Sep-18	11:08	RPM-3	27	FALSE	FALSE	0	3	6.0
RPM	Woodhaven	24-Sep-18	10:35	RPM-1	29	FALSE	FALSE	0	12	23.0
RPM	Woodhaven	24-Sep-18	11:04	RPM-2	29	FALSE	FALSE	0	12	9.0
RPM	Woodhaven	24-Sep-18	10:57	RPM-3	33	FALSE	FALSE	0	12	8.0
RPM	Woodhaven	09-Oct-18	10:27	RPM-1	31	FALSE	FALSE	0	8	23.0
RPM	Woodhaven	09-Oct-18	10:53	RPM-2	35	FALSE	FALSE	0	8	9.0
RPM	Woodhaven	09-Oct-18	10:47	RPM-3	35	FALSE	FALSE	0	3	8.5

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RPM	Woodhaven	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPM	Woodhaven	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RPM	Woodhaven	LEE	5% To 25%	0.00	Sunny	Small Waves	SW	Normal or Full	0	0.50
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.50	Overcast	Calm/Ripple	NE	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.50	Overcast	Calm/Ripple	NE	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.50	Overcast	Calm/Ripple	NE	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.00	Overcast	Calm/Ripple	NW	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	No Selection	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	No Selection	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	No Selection	0.00	Sunny	Calm/Ripple	NONE	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.10	Partly Cloudy	Calm/Ripple	W	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.50	Overcast	Calm/Ripple	NW	Above Normal	5	2.50
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.50	Overcast	Calm/Ripple	NW	Above Normal	5	2.50
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.50	Overcast	Calm/Ripple	NW	Above Normal	5	2.50
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	4.00
RTZZ	Woods Creek	MCHENRY	Less Than 5%	0.00	Partly Cloudy	Calm/Ripple	E	Normal or Full	0	4.00

Lake Code	Waterbody	Observations	Other Information	Management
RPM	Woodhaven	NONE	Approx. 50-75 Canada geese on lake. Floating leaved pondweed along shoreline.	NONE
RPM	Woodhaven	NONE	Approx. 50-75 Canada geese on lake. Floating leaved pondweed along shoreline.	NONE
RPM	Woodhaven	NONE	Approx. 50-75 Canada geese on lake. Floating leaved pondweed along shoreline.	NONE
RTZZ	Woods Creek		Rainfall early AM	
RTZZ	Woods Creek		Rainfall early AM	
RTZZ	Woods Creek		Rainfall early AM	
RTZZ	Woods Creek	Below normal levels of rain in past 2 weeks	noticing some aquatic weeds around western part of gabions area	
RTZZ	Woods Creek	Below normal levels of rain in past 2 weeks	noticing some aquatic weeds around western part of gabions area	
RTZZ	Woods Creek	Below normal levels of rain in past 2 weeks	noticing some aquatic weeds around western part of gabions area	
RTZZ	Woods Creek		More Aquatic Plants Visible	
RTZZ	Woods Creek		More Aquatic Plants Visible	
RTZZ	Woods Creek		More Aquatic Plants Visible	
RTZZ	Woods Creek			
RTZZ	Woods Creek			
RTZZ	Woods Creek		Eurasian watermilfoil seen growing sporadically off Nockels Park area. 3 cormorants on lake.	Hain House shoreline stabilization with coir logs, emergent plant plugs. Tier 2 water quality samples collected at Site 1.
RTZZ	Woods Creek		Eurasian watermilfoil seen growing sporadically off Nockels Park area. 3 cormorants on lake.	Hain House shoreline stabilization with coir logs, emergent plant plugs. Tier 2 water quality samples collected at Site 1.
RTZZ	Woods Creek		Eurasian watermilfoil seen growing sporadically off Nockels Park area. 3 cormorants on lake.	Hain House shoreline stabilization with coir logs, emergent plant plugs. Tier 2 water quality samples collected at Site 1.
RTZZ	Woods Creek			
RTZZ	Woods Creek			
RTZZ	Woods Creek			

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RPM	Woodhaven	18-Oct-18	10:30	RPM-1	39	FALSE	FALSE	0	3	23.0
RPM	Woodhaven	18-Oct-18	10:52	RPM-2	40	FALSE	FALSE	0	3	10.0
RPM	Woodhaven	18-Oct-18	10:47	RPM-3	38	FALSE	FALSE	0	3	7.5
RTZZ	Woods Creek	26-Jun-18	13:23	RTZZ-1	37	FALSE	FALSE	0	12	26.0
RTZZ	Woods Creek	26-Jun-18	13:11	RTZZ-2	33	FALSE	FALSE	0	12	13.0
RTZZ	Woods Creek	26-Jun-18	13:00	RTZZ-3	31	FALSE	FALSE	0	12	6.0
RTZZ	Woods Creek	31-Jul-18	08:05	RTZZ-1	38	FALSE	FALSE	0	6	26.0
RTZZ	Woods Creek	31-Jul-18	08:30	RTZZ-2	30	FALSE	FALSE	0	10	13.0
RTZZ	Woods Creek	31-Jul-18	08:45	RTZZ-3	30	FALSE	FALSE	0	6	6.0
RTZZ	Woods Creek	24-Sep-18	08:50	RTZZ-1	36	FALSE	FALSE	0	12	26.0
RTZZ	Woods Creek	24-Sep-18	08:40	RTZZ-2	40	FALSE	FALSE	0	13	16.0
RTZZ	Woods Creek	24-Sep-18	08:30	RTZZ-3	36	FALSE	FALSE	0	12	6.0
RTZZ	Woods Creek	29-Oct-18	13:15	RTZZ-1	36	FALSE	FALSE	0	12	26.0
RTZZ	Woods Creek	29-Oct-18	13:30	RTZZ-2	38	FALSE	FALSE	0	13	16.0
RTZZ	Woods Creek	29-Oct-18	13:45	RTZZ-3	36	FALSE	FALSE	0	12	6.0
RTZZ	Woods Creek	22-May-18	14:10	RTZZ-1	38	FALSE	FALSE	0	12	26.5
RTZZ	Woods Creek	22-May-18	13:53	RTZZ-2	34	FALSE	FALSE	0	13	14.5
RTZZ	Woods Creek	22-May-18	13:25	RTZZ-3	26	FALSE	FALSE	0	13	6.0
RTZZ	Woods Creek	17-Aug-18	13:45	RTZZ-1	30	FALSE	FALSE	0	12	26.0
RTZZ	Woods Creek	17-Aug-18	13:30	RTZZ-2	28	FALSE	FALSE	0	12	16.0
RTZZ	Woods Creek	17-Aug-18	13:15	RTZZ-3	29	FALSE	FALSE	0	12	6.0

Lake Code	Waterbody	County	Aquatic Plants	Rain Amount	Cloud Cover	Waves	Wind Direction	Lake Level	Lake Level (in)	Event (hrs)
RTS	Zurich	LAKE	No Selection	0.00	Sunny	Small Waves	SE	Above Normal	2	0.50
RTS	Zurich	LAKE	No Selection	0.00	Sunny	Small Waves	SE	Above Normal	2	0.50
RTS	Zurich	LAKE	No Selection	0.00	Sunny	Small Waves	SE	Above Normal	2	0.50
RTS	Zurich	LAKE	No Selection	1.00	Sunny	Small Waves	NW	Above Normal	6	0.50
RTS	Zurich	LAKE	No Selection	1.00	Sunny	Small Waves	NW	Above Normal	6	0.50
RTS	Zurich	LAKE	No Selection	1.00	Sunny	Small Waves	NW	Above Normal	6	0.50
RTS	Zurich	LAKE	Less Than 5%	0.00	Sunny	Small Waves	E	Above Normal	2	0.50
RTS	Zurich	LAKE	Less Than 5%	0.00	Sunny	Small Waves	E	Above Normal	2	0.50
RTS	Zurich	LAKE	Less Than 5%	0.00	Sunny	Small Waves	E	Above Normal	2	0.50
RTS	Zurich	LAKE	Less Than 5%	0.50	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	0.50
RTS	Zurich	LAKE	Less Than 5%	0.50	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	0.50
RTS	Zurich	LAKE	Less Than 5%	0.50	Partly Cloudy	Calm/Ripple	N	Normal or Full	0	0.50
RTS	Zurich	LAKE	Less Than 5%	1.00	Partly Cloudy	Moderate Waves	S	Normal or Full	0	0.50
RTS	Zurich	LAKE	Less Than 5%	1.00	Partly Cloudy	Moderate Waves	S	Normal or Full	0	0.50
RTS	Zurich	LAKE	Less Than 5%	1.00	Partly Cloudy	Moderate Waves	S	Normal or Full	0	0.50
RTS	Zurich	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SE	Above Normal	2	0.50
RTS	Zurich	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SE	Above Normal	2	0.50
RTS	Zurich	LAKE	No Selection	0.00	Partly Cloudy	Small Waves	SE	Above Normal	2	0.50

Lake Code	Waterbody	Observations	Other Information	Management
RTS	Zurich	Bright, green algae floating. Water temp 73F		
RTS	Zurich	Bright, green algae floating. Water temp 73F		
RTS	Zurich	Bright, green algae floating. Water temp 73F		
RTS	Zurich	Surface temp 75.5F		
RTS	Zurich	Surface temp 75.5F		
RTS	Zurich	Surface temp 75.5F		
RTS	Zurich	Surface temp 82F		
RTS	Zurich	Surface temp 82F		
RTS	Zurich	Surface temp 82F		
RTS	Zurich	Water temp 79.5		
RTS	Zurich	Water temp 79.5		
RTS	Zurich	Water temp 79.5		
RTS	Zurich	Surface temp 76.6F		
RTS	Zurich	Surface temp 76.6F		
RTS	Zurich	Surface temp 76.6F		
RTS	Zurich	Water temp 70F		
RTS	Zurich	Water temp 70F		
RTS	Zurich	Water temp 70F		

Lake Code	Waterbody	Sample Date	Sample Time	Station Id	Secchi Depth (in)	Secchi on Bottom	Secchi Hidded by Weeds	Plant Coverage	Color	Total Depth (ft)
RTS	Zurich	07-Jun-18	15:13	RTS-1	13	FALSE	FALSE	-1	3	19.0
RTS	Zurich	07-Jun-18	15:08	RTS-2	14	FALSE	FALSE	-1	2	17.0
RTS	Zurich	07-Jun-18	15:03	RTS-3	13	FALSE	FALSE	-1	2	22.5
RTS	Zurich	27-Jun-18	13:36	RTS-1	110	FALSE	FALSE	0	3	21.0
RTS	Zurich	27-Jun-18	13:31	RTS-2	132	FALSE	FALSE	0	8	24.0
RTS	Zurich	27-Jun-18	13:26	RTS-3	168	FALSE	FALSE	0	3	20.0
RTS	Zurich	10-Jul-18	12:40	RTS-1	131	FALSE	FALSE	0	3	19.5
RTS	Zurich	10-Jul-18	12:33	RTS-2	139	FALSE	FALSE	0	3	20.0
RTS	Zurich	10-Jul-18	12:27	RTS-3	150	FALSE	FALSE	0	2	22.0
RTS	Zurich	08-Aug-18	12:59	RTS-1	104	FALSE	FALSE	0	3	20.0
RTS	Zurich	08-Aug-18	12:55	RTS-2	108	FALSE	FALSE	0	3	21.5
RTS	Zurich	08-Aug-18	12:49	RTS-3	90	FALSE	FALSE	0	3	23.0
RTS	Zurich	31-Aug-18	14:14	RTS-1	89	FALSE	FALSE	0	2	24.0
RTS	Zurich	31-Aug-18	14:08	RTS-2	92	FALSE	FALSE	0	2	22.0
RTS	Zurich	31-Aug-18	14:02	RTS-3	90	FALSE	FALSE	0	4	21.0
RTS	Zurich	24-Sep-18	13:16	RTS-1	87	FALSE	FALSE	-1	8	21.0
RTS	Zurich	24-Sep-18	13:12	RTS-2	88	FALSE	FALSE	-1	8	20.5
RTS	Zurich	24-Sep-18	13:05	RTS-3	90	FALSE	FALSE	-1	8	21.0