

WVIC TSI Full Data Report - TSI Data 2002

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Site STORET Description
BSG #1 643051 BIG ST. GERMAIN RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 20, 2002	13:30	11.7	2.0	2.3	48	2.5	42	16	50

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.1	8.9	8.0	14.0	1.8						
1.0	19.1	9.0	9.0	13.9	1.0						
2.0	18.7	9.0	10.0	13.8	0.8						
3.0	18.1	8.9	10.7	13.8	0.8						
4.0	18.0	8.8	11.2	13.8	0.8						
5.0	18.0	8.7	11.6	13.8	0.8						
6.0	16.5	6.9									
7.0	14.9	6.1									

Jul 24, 2002	11:40	11.7	2.0	3.2	43	6.7	49	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.5	8.0	8.0	16.0	0.1						
1.0	24.5	8.1	9.0	15.8	0.1						
2.0	24.4	8.1	10.0	15.6	0.1						
3.0	24.2	8.0	10.7	15.5	0.1						
4.0	24.0	8.0	11.2	15.5	0.1						
5.0	23.6	7.6	11.6	15.5	0.1						
6.0	21.9	5.4									
7.0	17.6	0.1									

Aug 23, 2002	13:10	11.6	2.0	2.0	50	18.7	57	32	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.9	9.1	8.0	20.2	7.0						
1.0	20.8	9.0	9.0	20.1	6.2						
2.0	20.6	8.5	10.0	20.0	5.0						
3.0	20.5	8.3	10.6	19.9	3.4						
4.0	20.5	8.1	11.1	19.9	2.3						
5.0	20.4	8.0	11.5	19.8	1.9						
6.0	20.4	7.9									
7.0	20.3	7.7									

Oct 16, 2002	15:55	12.9	2.0	2.7	46	9.1	51	42	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	10.4	9.5	8.0	10.1	9.1						
1.0	10.4	9.5	9.0	10.0	9.0						
2.0	10.4	9.5	10.0	9.9	8.8						
3.0	10.4	9.5	11.0	9.9	8.8						
4.0	10.4	9.5	11.9	9.9	8.5						
5.0	10.4	9.5	12.4	9.9	8.3						
6.0	10.3	9.4	12.8	9.9	6.9						
7.0	10.3	9.2									

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
BUK LO#1 643082 BUCKATAHPON RESERVOIR - Lower Bucktahpon at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 25, 2002	9:45	5.1	2.0	2.7	46	0.5	30	19	51

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	23.1	8.6									
1.0	23.1	8.6									
2.0	23.0	8.5									
3.0	21.2	8.0									
4.1	19.7	4.7									
4.6	19.2	0.8									
5.0	19.1	0.1									

Jul 23, 2002	13:50	4.7	2.0	2.2	49	6.3	49	26	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.2	7.5									
1.0	24.8	7.4									
2.0	24.3	6.9									
3.0	24.2	6.8									
3.7	24.1	6.8									
4.2	23.9	6.3									
4.6	23.9	6.1									

Aug 18, 2002	11:50	4.9	2.0	1.7	52	13.8	55	22	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.1	8.5									
1.0	20.1	8.5									
2.0	20.0	8.5									
3.0	19.9	8.4									
3.9	19.5	8.0									
4.5	19.5	7.9									
4.8	19.5	7.8									

Oct 16, 2002	14:00	4.8	2.0	3.7	41	5.1	47	21	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	7.9	11.3									
1.0	7.9	11.3									
2.0	7.8	11.3									
3.0	7.8	11.2									
3.8	7.6	11.1									
4.3	7.6	11.1									
4.7	7.6	11.0									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
BUK UP#1 643114 BUCKATAHPON RESERVOIR - Upper Buckatahpon at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 25, 2002	9:10	13.0	2.0	2.8	45	5.6	48	19	51

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	22.5	8.9	8.0	11.2	2.3						
1.0	22.5	8.9	9.0	10.7	0.7						
2.0	22.5	8.9	10.0	10.5	0.8						
3.0	22.3	8.8	11.0	10.2	0.1						
4.0	21.7	8.8	12.0	10.1	0.1						
5.0	17.5	7.4	12.5	10.1	0.1						
6.0	13.9	4.5	12.9	10.8	0.1						
7.0	11.5	2.7									

Jul 23, 2002	13:30	13.3	2.0	2.9	45	5.0	47	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.7	8.2	8.0	11.7	0.1						
1.0	24.5	8.2	9.0	11.1	0.1						
2.0	24.2	8.2	10.0	10.6	0.1						
3.0	24.1	8.2	11.0	10.4	0.1						
4.0	23.9	8.0	12.3	10.4	0.1						
5.0	22.1	8.7	12.8	10.4	0.1						
6.0	15.4	4.6	13.2	10.4	0.1						
7.0	12.6	0.4									

Aug 18, 2002	11:15	13.3	2.0	1.9	51	12.7	54	21	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.4	8.2	8.0	12.3	0.1						
1.0	20.5	8.2	9.0	11.2	0.1						
2.0	20.5	8.2	10.0	10.8	0.1						
3.0	20.4	8.2	11.0	10.5	0.1						
4.0	20.3	8.2	12.3	10.3	0.1						
5.0	20.2	8.1	12.8	10.3	0.1						
6.0	20.0	8.1	13.2	10.3	0.1						
7.0	16.1	1.1									

Oct 16, 2002	13:35	14.1	2.0	2.4	47	11.3	53	35	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	10.5	9.3	8.0	10.2	9.2						
1.0	10.5	9.3	9.0	10.1	9.2						
2.0	10.4	9.3	10.0	10.0	9.2						
3.0	10.4	9.3	11.0	9.9	9.2						
4.0	10.3	9.2	12.0	9.9	9.1						
5.0	10.3	9.2	13.1	9.9	8.8						
6.0	10.2	9.2	13.6	9.9	8.8						
7.0	10.2	9.2	14.0	9.9	3.0						

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
BUR BFK#1 443007 BURNT ROLLWAYS RESERVOIR - Big Fork Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 10, 2002	11:15	10.0	2.0	2.3	48	6.8	49	19	51

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	18.8	9.3	8.0	11.5	3.3						
1.0	18.5	9.3	9.0	11.4	2.7						
2.0	17.8	9.2	9.5	11.4	2.4						
3.0	17.1	8.9	9.9	11.6	1.8						
4.0	15.8	8.4									
5.0	13.9	7.1									
6.0	12.6	6.5									
7.0	11.7	4.3									

Jul 15, 2002	10:30	10.0	2.0	1.7	52	5.4	48	20	51
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.7	7.8	8.0	12.6	0.1						
1.0	25.4	7.8	9.0	12.5	0.1						
2.0	25.1	7.8	9.5	12.5	0.1						
3.0	24.0	7.4	9.9	12.6	0.2						
4.0	22.6	6.8									
5.0	17.3	0.7									
6.0	15.1	0.1									
7.0	13.8	0.1									

Aug 20, 2002	11:05	10.8	2.0	1.3	56	10.2	52	23	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	21.0	8.0	8.0	16.8	0.1						
1.0	20.9	7.9	9.0	14.2	0.1						
2.0	20.6	7.7	10.0	13.7	0.1						
3.0	20.4	7.2	10.7	13.4	0.1						
4.0	20.2	7.0									
5.0	20.1	6.6									
6.0	19.9	6.4									
7.0	17.2	0.2									

Oct 14, 2002	10:50	11.0	2.0	1.1	59	12.5	54	25	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	10.5	9.9	8.0	10.4	9.8						
1.0	10.5	9.9	9.0	10.4	9.8						
2.0	10.5	9.9	10.0	10.4	9.7						
3.0	10.5	9.9	10.5	10.4	9.5						
4.0	10.5	9.8	10.9	10.4	4.1						
5.0	10.5	9.8									
6.0	10.4	9.8									
7.0	10.4	9.8									

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
BUR BIG#1 443055 BURNT ROLLWAYS RESERVOIR - Big Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 10, 2002	9:45	7.8	2.0	1.7	52	0.9	34	19	51

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.0	8.7	7.3	13.4	3.8						
1.0	18.9	8.7	7.7	13.3	3.4						
2.0	18.4	8.6									
3.0	18.0	8.4									
4.0	17.7	8.2									
5.0	17.2	7.8									
6.0	15.8	6.7									
6.8	13.6	4.3									

Jul 15, 2002	13:50	7.3	2.0	1.1	59	3.3	44	24	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	26.7	7.4	7.2	17.0	0.1						
1.0	26.2	7.3									
2.0	25.1	6.9									
3.0	24.3	5.8									
4.0	23.0	4.4									
5.0	22.1	3.3									
6.3	17.6	0.1									
6.8	17.1	0.1									

Aug 20, 2002	9:10	8.1	2.0	1.5	54	13.8	55	34	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.9	8.2	8.0	20.3	6.0						
1.0	20.8	8.1									
2.0	20.7	8.0									
3.0	20.6	7.9									
4.0	20.5	7.7									
5.0	20.4	7.4									
6.0	20.3	7.3									
7.0	20.3	7.2									

Oct 14, 2002	9:00	8.0	2.0	0.8	63	11.0	53	37	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	9.5	9.6	7.5	9.5	9.3						
1.0	9.5	9.6	7.9	9.5	9.3						
2.0	9.5	9.5									
3.0	9.5	9.5									
4.0	9.5	9.5									
5.0	9.5	9.4									
6.0	9.5	9.4									
7.0	9.5	9.3									

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
BUR LNG#1 443210 BURNT ROLLWAYS RESERVOIR - Long Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jun 10, 2002	11:50	9.8	2.0	2.8	45	5.5	48	19	51			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	19.3	10.0	8.0	11.4	3.0						
	1.0	19.2	10.0	8.8	11.4	2.9						
	2.0	18.8	9.0	9.3	11.4	2.6						
	3.0	18.2	8.8	9.7	11.7	2.3						
	4.0	17.0	7.6									
	5.0	12.2	6.2									
	6.0	11.8	5.5									
	7.0	11.5	3.7									

Jul 15, 2002	12:10	8.5	2.0	1.8	52	8.1	51	23	52			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	26.4	7.9	7.5	12.2	0.1						
	1.0	26.0	7.9	8.0	12.1	0.1						
	2.0	25.2	7.8	8.4	12.3	0.1						
	3.0	23.7	6.1									
	4.0	21.3	2.1									
	5.0	16.2	0.1									
	6.0	14.5	0.1									
	7.0	12.4	0.1									

Aug 20, 2002	13:10	10.6	2.0	1.9	51	11.1	53	22	52			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	21.5	8.3	8.0	12.9	0.1						
	1.0	21.4	8.3	9.0	12.8	0.1						
	2.0	21.2	8.2	10.0	13.0	0.1						
	3.0	20.6	8.0	10.5	13.1	0.1						
	4.0	20.4	7.6									
	5.0	20.0	6.0									
	6.0	18.2	1.0									
	7.0	13.6	0.1									

Oct 14, 2002	11:40	9.3	2.0	1.3	56	10.8	53	22	52			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	10.1	9.9	8.3	10.1	9.8						
	1.0	10.1	9.9	8.8	10.1	9.8						
	2.0	10.1	9.9	9.2	10.1	9.7						
	3.0	10.1	9.9									
	4.0	10.1	9.9									
	5.0	10.1	9.9									
	6.0	10.1	9.9									
	7.0	10.1	9.9									

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site: STORET Description: BURNT ROLLWAYS RESERVOIR - Medicine Lake at Maximum Depth
 BUR MED#1 443289

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 10, 2002	10:56	13.2	2.0	1.9	<u>51</u>	5.2	<u>47</u>	19	<u>51</u>

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.0	9.0	8.0	10.4	7.6						
1.0	18.8	8.9	9.0	10.1	7.4						
2.0	17.8	8.8	10.0	9.9	7.2						
3.0	16.7	8.5	11.0	9.7	6.6						
4.0	15.7	8.3	12.0	9.5	5.9						
5.0	13.3	8.2	12.2	9.5	5.8						
6.0	11.4	8.2	12.7	9.5	5.4						
7.0	10.8	8.0	13.1	9.6	4.0						

Jul 15, 2002	12:45	13.1	2.0	1.9	<u>51</u>	5.9	<u>48</u>	21	<u>52</u>
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	26.6	7.7	8.0	10.6	3.9						
1.0	25.8	7.7	9.0	10.3	3.6						
2.0	25.3	7.7	10.0	9.9	2.4						
3.0	24.5	7.2	11.0	9.7	1.4						
4.0	21.1	4.4	12.1	9.4	0.6						
5.0	14.4	3.9	12.6	9.5	0.4						
6.0	13.2	4.1	13.0	9.5	0.1						
7.0	11.2	4.1									

Aug 20, 2002	10:25	14.0	2.0	1.5	<u>54</u>	7.5	<u>50</u>	17	<u>50</u>
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.8	8.0	8.0	10.8	0.1						
1.0	20.7	8.0	9.0	10.2	0.1						
2.0	20.3	7.8	10.0	9.9	0.1						
3.0	20.1	7.7	11.0	9.8	0.1						
4.0	19.9	7.3	12.0	9.7	0.1						
5.0	19.7	7.1	13.0	9.6	0.1						
6.0	18.3	5.2	13.9	10.6	0.1						
7.0	13.2	0.3									

Oct 14, 2002	10:15	13.8	2.0	1.0	<u>60</u>	4.9	<u>47</u>	19	<u>51</u>
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	10.7	8.5	8.0	10.6	8.5						
1.0	10.7	8.5	9.0	10.6	8.5						
2.0	10.7	8.5	10.0	10.5	8.4						
3.0	10.7	8.5	11.0	10.5	8.4						
4.0	10.7	8.5	12.0	10.5	8.1						
5.0	10.7	8.5	12.8	10.5	7.8						
6.0	10.7	8.5	13.3	10.3	6.8						
7.0	10.7	8.5	13.7	10.3	3.0						

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
BUR PG#1 443242 BURNT ROLLWAYS RESERVOIR - Planting Ground Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 10, 2002	12:20	10.6	2.0	2.3	48	5.3	47	23	52

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.3	9.4	8.0	11.7	8.0						
1.0	19.0	9.4	9.0	11.2	7.3						
2.0	18.9	9.4	9.6	11.6	6.5						
3.0	17.7	9.1	10.1	10.7	4.4						
4.0	15.8	8.4	10.5	10.8	4.0						
5.0	14.2	8.0									
6.0	12.5	7.7									
7.0	11.9	8.1									

Jul 15, 2002	11:45	10.8	2.0	1.7	52	6.8	49	23	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.6	7.9	8.0	12.5	0.3						
1.0	25.5	7.9	9.0	12.0	0.1						
2.0	25.0	7.8	9.8	11.7	0.1						
3.0	24.2	7.6	10.3	11.5	0.1						
4.0	21.8	4.7	10.7	11.4	0.1						
5.0	18.0	2.0									
6.0	16.2	1.7									
7.0	14.1	1.6									

Aug 20, 2002	11:50	11.6	2.0	1.8	52	8.8	51	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	21.2	8.0	8.0	14.0	0.1						
1.0	21.0	8.0	9.0	12.8	0.1						
2.0	20.8	8.0	10.0	12.2	0.1						
3.0	20.8	8.0	11.0	12.2	0.1						
4.0	20.7	8.0	11.5	13.5	0.1						
5.0	20.4	8.0									
6.0	20.4	7.9									
7.0	18.8	4.2									

Oct 14, 2002	12:15	11.7	2.0	1.9	51	7.9	50	25	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	10.8	9.3	8.0	10.8	9.3						
1.0	10.8	9.3	9.0	10.8	9.3						
2.0	10.8	9.3	10.0	10.8	9.3						
3.0	10.8	9.3	10.7	10.8	9.2						
4.0	10.8	9.3	11.2	10.8	8.8						
5.0	10.8	9.3	11.6	10.8	8.6						
6.0	10.8	9.3									
7.0	10.8	9.3									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
BUR RNG#1 443244 BURNT ROLLWAYS RESERVOIR - Rangeline Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 10, 2002	12:45	7.1	2.0	1.3	56	3.3	44	27	54

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.7	8.4	7.0	9.9	3.9						
1.0	20.6	8.5									
2.0	20.2	8.4									
3.0	14.9	7.9									
4.0	12.1	7.7									
5.0	11.0	7.0									
6.1	10.1	5.4									
6.6	9.9	4.9									

Jul 15, 2002	11:10	7.7	2.0	1.2	57	5.0	47	27	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	26.0	7.2	7.2	10.0	0.1						
1.0	25.7	7.2	7.6	9.9	0.1						
2.0	25.0	6.4									
3.0	20.5	3.9									
4.0	15.2	3.2									
5.0	12.2	2.6									
6.0	10.4	0.3									
6.7	10.1	0.1									

Aug 20, 2002	12:25	8.3	2.0	1.0	60	5.8	48	21	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	21.2	7.8	8.0	10.6	0.1						
1.0	20.8	7.7	8.2	10.6	0.1						
2.0	20.0	7.1									
3.0	19.6	7.0									
4.0	19.2	6.8									
5.0	15.6	0.1									
6.0	11.3	0.1									
7.0	10.8	0.1									

Oct 14, 2002	12:50	8.3	2.0	1.1	59	2.3	41	26	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	10.2	8.8	7.8	10.1	8.4						
1.0	10.2	8.8	8.2	10.1	8.4						
2.0	10.2	8.8									
3.0	10.2	8.8									
4.0	10.2	8.8									
5.0	10.1	8.8									
6.0	10.1	8.8									
7.3	10.1	8.8									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site **BUR STN#1** STORET **443033** Description **BURNT ROLLWAYS RESERVOIR - Big Stone Lake at Maximum Depth**

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 10, 2002	10:15	17.7	2.0	1.4	55	4.4	46	21	52

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	18.9	8.8	8.0	10.9	7.4	16.0	10.3	5.5			
1.0	18.8	8.8	9.0	10.8	7.1	16.7	10.3	5.3			
2.0	18.3	8.7	10.0	10.7	6.9	17.2	10.3	4.9			
3.0	17.0	8.4	11.0	10.6	6.8	17.6	10.3	2.5			
4.0	16.0	8.2	12.0	10.5	6.5						
5.0	13.2	8.1	13.0	10.4	6.0						
6.0	12.0	8.0	14.0	10.4	5.6						
7.0	11.2	7.7	15.0	10.3	5.6						

Jul 15, 2002	13:15	15.0	2.0	1.8	52	6.4	49	22	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	26.8	7.6	8.0	11.2	2.2	14.9	10.4	0.2			
1.0	26.3	7.6	9.0	11.0	2.0						
2.0	25.6	7.4	10.0	10.7	1.8						
3.0	23.9	6.7	11.0	10.6	1.5						
4.0	21.3	4.2	12.0	10.4	0.8						
5.0	17.2	3.6	13.0	10.4	0.7						
6.0	13.7	3.4	14.0	10.4	0.7						
7.0	12.2	2.1	14.5	10.4	0.6						

Aug 20, 2002	9:50	17.4	2.0	1.4	55	9.6	52	23	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.7	8.0	8.0	12.1	0.1	16.0	10.6	0.1			
1.0	20.6	8.0	9.0	11.2	0.1	17.0	10.6	0.1			
2.0	20.5	7.8	10.0	11.1	0.1	17.3	11.6	0.1			
3.0	20.3	7.6	11.0	10.8	0.1						
4.0	19.8	7.0	12.0	10.7	0.1						
5.0	19.7	6.9	13.0	10.7	0.1						
6.0	19.0	5.7	14.0	10.6	0.1						
7.0	15.8	1.6	15.0	10.6	0.1						

Oct 14, 2002	9:35	17.1	2.0	1.2	57	6.0	48	29	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	10.8	8.8	8.0	10.8	8.8	16.1	10.5	8.3			
1.0	10.8	8.8	9.0	10.8	8.8	16.6	10.3	7.7			
2.0	10.8	8.8	10.0	10.8	8.7	17.0	10.3	0.3			
3.0	10.8	8.8	11.0	10.8	8.7						
4.0	10.8	8.8	12.0	10.8	8.7						
5.0	10.8	8.8	13.0	10.8	8.7						
6.0	10.8	8.8	14.0	10.7	8.7						
7.0	10.8	8.8	15.0	10.7	8.6						

(1) Low Absorbance result approx
(4) Lab Accident/Lost Sample

(2) Holding time exceeded
(5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
(6) Instrument Error result approx

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Site STORET Description
BUR WHT#1 443285 BURNT ROLLWAYS RESERVOIR - Whitefish Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 10, 2002	14:30	8.8	2.0	2.3	48	3.9	45	19	51

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.8	9.3	7.8	10.4	3.8						
1.0	19.8	9.3	8.3	10.4	3.5						
2.0	19.2	9.0	8.7	10.0	0.9						
3.0	16.6	8.4									
4.0	14.5	7.7									
5.0	11.8	5.6									
6.0	11.5	5.0									
7.0	10.9	4.6									

Jul 15, 2002	14:50	9.3	2.0	2.7	46	1.1	36	15	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	27.4	7.6	8.3	10.1	0.1						
1.0	27.2	7.6	8.8	9.9	0.1						
2.0	25.9	7.7	9.2	9.9	0.1						
3.0	23.9	7.8									
4.0	18.4	6.8									
5.0	14.7	0.1									
6.0	12.2	0.1									
7.0	11.1	0.1									

Aug 20, 2002	15:15	10.0	2.0	2.1	49	4.3	46	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	21.5	8.0	8.0	10.5	0.1						
1.0	21.3	8.0	9.0	10.3	0.1						
2.0	21.0	8.0	9.9	10.3	0.1						
3.0	20.4	7.5									
4.0	20.0	6.9									
5.0	19.1	4.9									
6.0	14.1	0.1									
7.0	11.5	0.1									

Oct 14, 2002	15:00	10.2	2.0	2.0	50	6.9	49	31	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	10.8	8.7	8.0	10.6	8.4						
1.0	10.8	8.7	9.2	10.5	8.3						
2.0	10.8	8.7	9.7	10.4	7.8						
3.0	10.7	8.7	10.1	10.4	7.8						
4.0	10.7	8.7									
5.0	10.7	8.7									
6.0	10.7	8.6									
7.0	10.7	8.5									

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description

DEE LNG#1 643080 LONG-ON-DEERSKIN RESERVOIR - Long Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 21, 2002	11:45	28.6	2.0	2.8	45	2.5	42	20	51

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.0	9.6	8.0	10.5	9.1	16.0	7.3	9.7	24.0	7.0	8.6
1.0	18.9	9.6	9.0	9.9	9.1	17.0	7.2	9.5	25.0	7.0	7.8
2.0	18.4	9.5	10.0	9.1	9.2	18.0	7.2	9.5	26.0	6.9	7.4
3.0	18.2	9.5	11.0	8.8	9.3	19.0	7.1	9.3	27.0	6.9	7.4
4.0	17.9	9.5	12.0	8.5	9.4	20.0	7.1	9.3	27.6	6.9	7.2
5.0	16.1	9.2	13.0	7.9	9.5	21.0	7.1	9.2	28.1	7.0	6.7
6.0	13.9	9.2	14.0	7.8	9.5	22.0	7.0	9.0	28.5	7.2	0.1
7.0	11.2	9.1	15.0	7.7	9.4	23.0	7.0	8.8			

Jul 23, 2002	10:40	29.1	2.0	3.3	43	4.7	46	15	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.4	8.2	8.0	11.6	6.5	16.0	7.4	8.6	24.0	7.1	5.1
1.0	24.3	8.3	9.0	9.5	7.7	17.0	7.4	8.3	25.0	7.0	4.4
2.0	24.1	8.2	10.0	8.7	8.3	18.0	7.4	8.4	26.0	7.0	3.2
3.0	23.9	8.1	11.0	8.4	8.6	19.0	7.3	8.4	27.0	6.9	1.2
4.0	23.8	8.2	12.0	8.1	8.7	20.0	7.3	8.1	28.1	7.0	1.2
5.0	23.5	8.2	13.0	7.9	8.9	21.0	7.2	7.8	28.6	7.3	0.2
6.0	19.5	6.3	14.0	7.7	8.7	22.0	7.2	7.0	29.0	7.9	0.1
7.0	14.5	5.7	15.0	7.5	8.8	23.0	7.1	6.2			

Aug 26, 2002	9:30	27.1	2.0	4.5	38	2.9	43	11	47
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	21.4	9.1	8.0	17.8	6.7	16.0	7.7	7.5	24.0	7.1	3.0
1.0	21.2	9.2	9.0	13.0	4.2	17.0	7.6	7.5	25.0	7.1	2.1
2.0	21.1	9.1	10.0	10.4	5.4	18.0	7.5	6.5	26.1	7.0	0.8
3.0	21.0	9.2	11.0	9.6	6.0	19.0	7.3	6.5	26.6	7.0	0.6
4.0	20.7	9.1	12.0	8.9	6.6	20.0	7.3	5.9	27.0	7.0	0.6
5.0	20.1	9.0	13.0	8.3	7.3	21.0	7.2	5.5			
6.0	19.5	8.3	14.0	8.1	7.5	22.0	7.2	5.0			
7.0	19.2	7.8	15.0	7.9	7.6	23.0	7.1	4.0			

Oct 24, 2002	9:15	28.0	2.0	4.8	37	3.7	45	15	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	8.5	8.6	8.0	8.5	8.6	16.0	8.1	3.9	24.0	7.3	1.0
1.0	8.5	8.6	9.0	8.5	8.6	17.0	7.9	3.1	25.0	7.3	0.9
2.0	8.5	8.6	10.0	8.5	8.5	18.0	7.7	2.4	26.0	7.2	0.6
3.0	8.5	8.6	11.0	8.5	8.5	19.0	7.6	2.3	27.0	7.2	0.3
4.0	8.5	8.5	12.0	8.5	8.5	20.0	7.5	2.2	27.5	7.2	0.3
5.0	8.5	8.5	13.0	8.5	8.5	21.0	7.4	1.7	27.9	7.1	0.3
6.0	8.5	8.6	14.0	8.5	8.5	22.0	7.3	1.6			
7.0	8.5	8.6	15.0	8.4	8.3	23.0	7.3	1.4			

(1) Low Absorbance result approx
(4) Lab Accident/Lost Sample

(2) Holding time exceeded
(5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
(6) Instrument Error result approx

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Site STORET Description
DEE SND#1 643125 LONG-ON-DEERSKIN RESERVOIR - Sand Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 21, 2002	13:00	18.1	2.0	5.4	36	1.5	38	16	50

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.3	9.0	8.0	15.9	6.5	16.0	9.0	0.5			
1.0	19.3	9.0	9.0	14.1	4.5	17.1	8.3	0.1			
2.0	19.0	9.0	10.0	12.0	2.9	17.6	8.3	0.1			
3.0	18.8	8.9	11.0	11.5	4.0	18.0	8.3	0.1			
4.0	18.8	8.8	12.0	11.0	3.8						
5.0	18.4	8.7	13.0	10.0	2.4						
6.0	17.8	8.2	14.0	9.5	2.1						
7.0	17.1	7.8	15.0	9.0	0.5						

Jul 23, 2002	12:00	15.2	2.0	2.9	45	4.8	47	15	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.6	8.3	8.0	16.9	0.2	15.1	11.7	0.1			
1.0	24.5	8.3	9.0	15.4	0.1						
2.0	24.4	8.3	10.0	13.5	0.1						
3.0	24.3	8.3	11.0	12.5	0.1						
4.0	24.2	8.2	12.0	11.1	0.1						
5.0	24.1	8.1	13.0	9.9	0.1						
6.0	23.5	7.3	14.2	10.0	0.1						
7.0	22.3	5.5	14.7	11.6	0.1						

Aug 26, 2002	10:45	16.5	2.0	3.0	44	9.6	52	16	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	21.9	9.7	8.0	19.7	7.0	15.5	9.5	0.1			
1.0	21.7	9.7	9.0	19.6	6.6	16.0	9.4	0.1			
2.0	21.5	9.7	10.0	18.8	3.4	16.4	9.4	0.1			
3.0	21.4	9.7	11.0	17.8	1.1						
4.0	21.1	9.6	12.0	13.7	0.1						
5.0	20.1	8.3	13.0	11.4	0.1						
6.0	20.0	7.8	14.0	10.7	0.1						
7.0	19.9	7.5	15.0	9.6	0.1						

Oct 24, 2002	10:25	17.0	2.0	5.4	36	6.4	49	18	51
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.1	6.5	10.9	8.0	6.5	10.8	16.0	6.3	11.0			
1.0	6.5	10.9	9.0	6.5	10.8	16.5	6.3	11.0			
2.0	6.5	10.9	10.0	6.4	10.9	16.9	6.2	11.0			
3.0	6.5	10.9	11.0	6.4	10.9						
4.0	6.5	10.9	12.0	6.4	10.9						
5.0	6.5	10.9	13.0	6.4	10.9						
6.0	6.5	10.8	14.0	6.4	10.9						
7.0	6.5	10.8	15.0	6.3	11.0						

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
EP3 #1 373135 EAU PLEINE RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Jun 6, 2002	12:30	11.5	2.0	2.0	50	1.7	39	93 ⁽⁵⁾	63	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	17.6	8.8	8.0	14.2	6.2			
		1.0	17.2	8.7	9.0	13.6	5.6			
		2.0	17.0	8.6	10.0	13.3	4.8			
		3.0	16.9	8.5	10.5	13.1	4.4			
		4.0	16.9	8.4	11.0	13.1	4.1			
		5.0	16.4	8.0	11.4	13.0	3.6			
		6.0	15.7	8.0						
		7.0	15.5	7.5						

Jul 10, 2002	14:40	10.8	2.0	0.9	62	26.7	60	66	61	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	25.2	7.9	8.0	19.2	0.1			
		1.0	25.2	7.9	9.0	18.4	0.0			
		2.0	25.1	7.8	9.8	18.2	0.0			
		3.0	25.0	7.5	10.3	17.9	0.0			
		4.0	24.7	6.8	10.7	17.5	0.0			
		5.0	22.2	2.4						
		6.0	20.5	0.8						
		7.0	19.5	0.3						

Aug 2, 2002	11:00	12.2	2.0	0.7	65	62.5	66	101	64	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	25.6	9.6	8.0	21.5	0.1			
		1.0	25.3	8.5	9.0	20.4	0.1			
		2.0	25.1	6.9	10.0	19.9	0.1			
		3.0	25.1	6.9	11.2	19.3	0.1			
		4.0	25.1	6.8	11.7	19.2	0.1			
		5.0	25.0	6.8	12.1	19.1	0.1			
		6.0	24.8	6.6						
		7.0	24.5	5.8						

Sep 23, 2002	9:15	12.3	2.0	1.1	59	11.6	53	121	65	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	18.6	6.0	9.0	18.1	5.3			
		2.0	18.6	6.0	10.0	18.0	5.3			
		3.0	18.6	6.0	11.3	18.0	5.3			
		4.0	18.6	6.0	11.8	18.0	5.2			
		5.0	18.6	6.0	12.2	17.9	2.7			
		6.0	18.5	5.9						
		7.0	18.4	5.7						
		8.0	18.2	5.3						

(1) Low Absorbance result approx

(2) Holding time exceeded

(3) Duplicate QC exceeded

(4) Lab Accident/Lost Sample

(5) Sample rec'd with ice melted

(6) Instrument Error result approx

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Site STORET Description
EP3 12.0 373137 EAU PLEINE RESERVOIR - Mile 12.0

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Jun 6, 2002	11:30	7.2	2.0	1.8	52	0.0	N/A	120 ⁽⁵⁾	65	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	19.2	6.9	6.7	14.2	5.4			
		1.0	19.0	6.9	7.1	14.1	4.8			
		2.0	17.7	6.7						
		3.0	15.9	6.3						
		4.0	15.8	6.1						
		5.0	15.7	5.4						
		6.0	15.3	5.1						
		6.2	15.1	5.2						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Jul 10, 2002	13:40	6.7	2.0	0.6	67	26.5	60	185	69	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	25.2	7.9	6.6	21.5	0.1			
		1.0	25.2	7.9						
		2.0	25.2	7.8						
		3.0	25.1	7.6						
		4.0	25.0	7.3						
		5.0	23.2	1.3						
		5.7	22.3	0.1						
		6.2	22.1	0.1						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Aug 2, 2002	10:05	7.0	2.0	0.5	70	33.6	61	219	70	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	25.2	5.7	6.9	24.8	4.1			
		1.0	25.0	5.3						
		2.0	25.0	5.1						
		3.0	24.9	5.0						
		4.0	24.9	4.9						
		5.0	24.9	4.7						
		6.0	24.9	4.4						
		6.5	24.9	4.4						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Sep 23, 2002	11:00	6.7	2.0	0.4	73	9.0	51	336	73	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	17.7	5.4						
		2.0	17.7	5.4						
		3.0	17.7	5.4						
		4.0	17.7	5.4						
		5.0	17.7	5.3						
		5.7	17.6	5.3						
		6.2	17.6	5.3						
		6.6	17.6	5.3						

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
EP3 8.0 373136 EAU PLEINE RESERVOIR - Mile 8.0

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Jun 6, 2002	12:00	8.4	2.0	1.1	59	0.4	27	116 ⁽⁵⁾	65	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	17.1	7.6	7.4	13.9	5.8			
		1.0	16.8	7.7	7.9	13.5	5.6			
		2.0	16.0	7.6	8.3	13.5	5.3			
		3.0	15.7	7.7						
		4.0	15.5	7.6						
		5.0	15.4	7.1						
		6.0	15.3	6.9						
		7.0	14.2	6.0						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Jul 10, 2002	14:10	7.0	2.0	0.7	65	52.4	65	109	64	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	25.1	8.0	6.9	21.2	0.0			
		1.0	25.1	8.0						
		2.0	25.1	8.0						
		3.0	25.0	8.0						
		4.0	25.0	7.9						
		5.0	25.0	7.8						
		6.0	23.7	3.7						
		6.5	21.0	0.3						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Aug 2, 2002	10:30	8.5	2.0	0.8	63	77.5	68	187	69	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	25.2	7.4	7.5	23.4	0.1			
		1.0	25.0	7.8	8.0	23.3	0.1			
		2.0	24.6	6.0	8.4	22.8	0.1			
		3.0	24.5	5.3						
		4.0	24.5	4.9						
		5.0	24.4	4.7						
		6.0	24.1	1.8						
		7.0	23.8	0.1						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Sep 23, 2002	10:05	7.3	2.0	0.7	65	17.4	56	226	70	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	18.2	5.9						
		2.0	18.2	5.9						
		3.0	18.2	5.9						
		4.0	18.2	5.9						
		5.0	18.2	5.9						
		6.3	18.2	5.8						
		6.8	18.2	5.7						
		7.2	18.1	5.7						

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
LDS #1 643058 LITTLE DEERSKIN RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 25, 2002	11:00	5.1	2.0	2.4	47	1.0	35	15	49

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	23.9	8.5									
1.0	23.9	8.6									
2.0	23.8	8.5									
3.0	23.0	8.6									
4.1	21.1	8.4									
4.6	20.6	7.9									
5.0	19.9	0.7									

Jul 23, 2002	9:15	4.9	2.0	2.7	46	6.0	48	15	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.2	7.6									
1.0	24.4	7.6									
2.0	24.3	7.5									
3.0	24.1	7.2									
3.9	24.1	7.5									
4.4	23.9	7.7									
4.8	23.9	7.8									

Aug 26, 2002	13:30	5.9	2.0	2.6	46	6.8	49	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	22.8	10.2									
1.0	22.5	10.3									
2.0	22.0	10.4									
3.0	20.9	10.5									
4.0	20.4	9.3									
4.9	20.1	6.8									
5.4	20.1	6.5									
5.8	20.2	4.2									

Oct 15, 2002	9:10	6.0	2.0	3.2	43	4.6	46	16	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	8.3	10.8									
1.0	8.3	10.8									
2.0	8.3	10.8									
3.0	8.3	10.8									
4.0	8.3	10.6									
5.0	8.3	10.5									
5.5	8.4	10.3									
5.9	8.4	9.5									

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
LSG SB#1 643172 LITTLE ST. GERMAIN RESERVOIR - South Bay at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 20, 2002	15:30	7.4	2.0	2.1	49	1.3	37	36	56

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
			6.4	13.2	0.1						
0.5	21.0	8.9	6.9	12.9	0.1						
1.0	20.8	8.9	7.3	13.1	0.1						
2.0	20.4	8.9									
3.0	20.1	8.9									
4.0	19.0	8.0									
5.0	18.2	5.7									
6.0	13.1	0.3									

Jul 24, 2002	13:20	6.2	2.0	0.7	65	46.4	64	48	58
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.0	8.7									
1.0	24.9	8.7									
2.0	24.9	8.7									
3.0	24.8	8.4									
4.0	23.9	4.4									
5.2	17.3	0.1									
5.7	16.3	0.1									
6.1	15.7	0.1									

Aug 23, 2002	11:35	7.5	2.0	0.5	70	99.1	70	58	60
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.6	9.7	7.0	15.2	0.2						
1.0	20.5	8.8	7.4	15.2	0.2						
2.0	20.4	8.1									
3.0	20.2	6.7									
4.0	20.1	5.7									
5.0	19.7	1.8									
6.0	17.1	0.2									
6.5	16.5	0.2									

Oct 24, 2002	12:50	7.2	2.0	1.7	52	28.1	60	53	59
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	5.4	12.1	7.1	4.7	11.7						
1.0	5.3	12.1									
2.0	5.3	12.1									
3.0	5.1	11.9									
4.0	5.1	11.8									
5.0	5.0	11.7									
6.2	4.7	11.8									
6.7	4.7	11.8									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
LSG WB#1 643171 LITTLE ST. GERMAIN RESERVOIR - West Bay at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Jun 20, 2002	14:45	16.1	2.0	3.1	44	1.3	37	18	51	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	20.1	9.2	8.0	10.0	6.5	15.6	8.8	0.2
		1.0	20.1	9.2	9.0	9.5	4.9	16.0	9.0	0.1
		2.0	20.0	9.3	10.0	9.0	2.8			
		3.0	19.9	9.4	11.0	8.8	2.1			
		4.0	19.2	9.4	12.0	8.7	1.5			
		5.0	14.1	12.8	13.0	8.7	1.2			
		6.0	11.9	11.8	14.0	8.8	1.0			
		7.0	10.9	9.8	15.1	8.8	0.9			

Jul 24, 2002	12:45	15.5	2.0	2.4	47	5.1	47	15	49	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	24.9	8.0	9.0	9.9	0.4	15.4	8.6	0.1
		2.0	24.9	8.0	10.0	9.3	0.1			
		3.0	24.8	8.0	11.0	8.9	0.1			
		4.0	24.3	8.0	12.0	8.7	0.1			
		5.0	20.4	12.0	13.0	8.7	0.1			
		6.0	13.8	11.3	14.0	8.6	0.1			
		7.0	11.8	7.7	14.5	8.6	0.1			
		8.0	10.6	3.3	15.0	8.6	0.1			

Aug 23, 2002	11:10	17.1	2.0	2.2	49	17.8	57	21	52	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	20.9	9.3	8.0	11.3	0.1	16.1	8.5	0.1
		1.0	20.9	9.3	9.0	10.0	0.1	16.6	8.5	0.1
		2.0	20.8	9.2	10.0	9.2	0.1	17.0	8.5	0.1
		3.0	20.7	9.2	11.0	8.9	0.1			
		4.0	20.6	9.1	12.0	8.8	0.1			
		5.0	20.4	8.7	13.0	8.7	0.1			
		6.0	18.4	6.7	14.0	8.6	0.1			
		7.0	13.6	2.2	15.0	8.5	0.1			

Oct 24, 2002	12:10	15.2	2.0	1.9	51	5.9	48	31	55	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	8.2	7.6	8.0	7.7	7.4	15.1	6.8	8.2
		1.0	8.0	7.6	9.0	7.7	7.4			
		2.0	7.8	7.5	10.0	7.7	7.5			
		3.0	7.8	7.4	11.0	7.7	7.5			
		4.0	7.8	7.4	12.0	7.6	7.5			
		5.0	7.8	7.4	13.0	7.4	7.6			
		6.0	7.7	7.4	14.2	7.2	7.8			
		7.0	7.8	7.4	14.7	7.1	7.9			

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
LVD #1 643206 LAC VIEUX DESERT RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jun 12, 2002	9:30	10.6	2.0	3.5	42	3.9	45	19	51			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	18.0	8.5	8.0	16.7	6.2						
	1.0	18.0	8.5	9.0	16.5	6.4						
	2.0	18.0	8.5	9.6	16.2	6.1						
	3.0	18.0	8.5	10.1	16.0	5.2						
	4.0	18.0	8.5	10.5	15.8	5.5						
	5.0	18.0	8.5									
	6.0	18.0	8.5									
	7.0	17.8	8.4									

Jul 16, 2002	10:05	10.2	2.0	2.3	48	6.4	49	22	52			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	25.1	8.1	8.0	18.8	0.1						
	1.0	25.1	8.0	9.2	18.2	0.1						
	2.0	25.0	8.0	9.7	18.1	0.1						
	3.0	24.8	7.9	10.1	18.1	0.1						
	4.0	23.4	3.6									
	5.0	23.3	3.6									
	6.0	22.3	1.1									
	7.0	21.8	0.1									

Aug 18, 2002	13:35	12.3	2.0	1.1	59	15.9	56	48	58			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	20.1	8.8	8.0	19.6	8.4						
	1.0	20.0	8.7	9.0	19.5	8.2						
	2.0	19.9	8.6	10.0	19.4	8.2						
	3.0	19.8	8.6	11.3	19.4	8.2						
	4.0	19.7	8.5	11.8	19.4	8.1						
	5.0	19.8	8.6	12.2	19.4	8.1						
	6.0	19.7	8.5									
	7.0	19.6	8.4									

Oct 16, 2002	9:30	11.9	2.0	1.6	53	14.9	55	37	56			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	7.5	13.3	8.0	7.5	13.7						
	1.0	7.5	13.3	9.0	7.5	13.7						
	2.0	7.5	13.3	10.0	7.5	13.7						
	3.0	7.5	13.3	10.9	7.5	13.7						
	4.0	7.5	13.4	11.4	7.5	13.7						
	5.0	7.5	13.4	11.8	7.5	13.7						
	6.0	7.5	13.5									
	7.0	7.5	13.6									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description

MIN KWSG#1 443129 MINOCQUA RESERVOIR - Kawagesaga Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 20, 2002	9:50	11.3	2.0	4.6	38	0.4	29	14	49

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.4	8.7	8.0	13.5	2.7						
1.0	19.3	8.7	9.0	12.7	0.9						
2.0	19.3	8.7	10.3	12.1	0.1						
3.0	19.2	8.7	10.8	11.8	0.1						
4.0	19.1	8.6	11.2	11.8	0.1						
5.0	19.0	8.6									
6.0	18.1	7.9									
7.0	14.7	4.2									

Jul 23, 2002	17:20	11.8	2.0	2.9	45	4.8	47	21	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.8	8.1	8.0	14.0	0.1						
1.0	25.7	8.1	9.0	13.1	0.1						
2.0	25.1	8.2	10.0	12.1	0.1						
3.0	25.0	8.1	10.8	11.5	0.1						
4.0	24.8	8.1	11.3	11.3	0.1						
5.0	24.5	7.7	11.7	11.6	0.1						
6.0	19.7	3.5									
7.0	16.7	0.1									

Aug 22, 2002	11:45	12.1	2.0	3.4	42	8.9	51	21	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	21.0	8.1	8.0	18.2	0.8						
1.0	20.9	8.0	9.0	14.2	0.1						
2.0	20.9	8.0	10.0	12.2	0.1						
3.0	20.8	7.9	11.1	11.2	0.1						
4.0	20.8	7.9	11.6	11.1	0.1						
5.0	20.8	7.9	12.0	11.1	0.1						
6.0	20.7	7.9									
7.0	20.3	5.8									

Oct 23, 2002	14:45	13.0	2.0	3.3	43	13.6	55	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	7.2	10.8	8.0	7.1	10.6						
1.0	7.2	10.8	9.0	7.1	10.6						
2.0	7.2	10.8	10.0	7.1	10.6						
3.0	7.2	10.8	11.0	7.0	10.7						
4.0	7.2	10.7	12.0	6.8	10.7						
5.0	7.1	10.7	12.5	6.7	10.7						
6.0	7.1	10.6	12.9	6.6	10.7						
7.0	7.1	10.6									

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site **MIN LLTM#1 443133** STORET Description **MINOCQUA RESERVOIR - Little Lake Tomahawk at Maximum Depth**

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 12, 2002	15:10	14.1	2.0	6.7	33	0.8	33	13	48

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.3	9.3	8.0	9.9	10.4						
1.0	19.2	9.3	9.0	9.2	9.6						
2.0	18.6	9.5	10.0	8.8	7.4						
3.0	17.8	9.6	11.0	8.5	4.2						
4.0	16.3	10.3	12.0	8.4	4.1						
5.0	13.7	11.6	13.1	8.3	2.9						
6.0	11.9	12.0	13.6	8.3	2.4						
7.0	10.9	11.8	14.0	8.3	1.1						

Jul 24, 2002	9:15	14.1	2.0	8.5	29	1.8	39	11	47
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.4	8.0	8.0	12.2	10.6						
1.0	24.4	8.0	9.0	11.0	7.2						
2.0	24.4	8.0	10.0	10.4	4.1						
3.0	24.3	8.0	11.0	9.5	0.5						
4.0	24.2	8.0	12.0	9.2	0.1						
5.0	23.5	8.7	13.1	9.1	0.1						
6.0	17.1	11.9	13.6	9.1	0.1						
7.0	13.8	11.3	14.0	9.1	0.1						

Aug 22, 2002	10:35	14.2	2.0	4.8	37	2.9	43	15	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	21.0	8.8	8.0	13.3	9.1						
1.0	21.0	8.8	9.0	11.9	5.0						
2.0	20.9	8.8	10.0	11.0	1.9						
3.0	20.9	8.8	11.0	9.9	0.1						
4.0	20.9	8.8	12.0	9.5	0.1						
5.0	20.7	8.8	13.2	9.2	0.1						
6.0	20.6	8.8	13.7	9.2	0.1						
7.0	16.9	11.7	14.1	9.2	0.2						

Oct 28, 2002	10:00	13.5	2.0	4.0	40	4.5	46	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	7.5	9.5	8.0	7.4	9.3						
1.0	7.5	9.5	9.0	7.4	9.3						
2.0	7.5	9.5	10.0	7.4	8.9						
3.0	7.4	9.4	11.0	7.4	8.3						
4.0	7.4	9.4	12.0	7.3	8.2						
5.0	7.4	9.4	12.5	7.3	8.2						
6.0	7.4	9.3	13.0	7.3	8.2						
7.0	7.4	9.3	13.4	7.3	8.0						

(1) Low Absorbance result approx
(4) Lab Accident/Lost Sample

(2) Holding time exceeded
(5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
(6) Instrument Error result approx

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Site STORET Description
MIN LTM#1 443146 MINOCQUA RESERVOIR - Lake Tomahawk at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 12, 2002	14:25	23.6	2.0	7.8	30	0.3	26	12	47

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	17.9	9.5	8.0	11.9	11.5	16.0	8.8	9.5	23.1	8.4	3.7
1.0	17.8	9.6	9.0	10.8	11.7	17.0	8.7	8.9	23.5	8.4	3.5
2.0	17.5	9.1	10.0	10.0	11.5	18.0	8.6	8.5			
3.0	17.4	9.1	11.0	9.3	10.8	19.0	8.6	8.1			
4.0	16.8	9.9	12.0	9.2	10.6	20.0	8.4	5.7			
5.0	14.3	11.0	13.0	9.0	10.4	21.0	8.4	4.6			
6.0	13.8	11.1	14.0	9.0	9.9	22.0	8.4	4.1			
7.0	13.2	11.3	15.0	8.8	9.6	22.6	8.4	4.0			

Jul 24, 2002	8:30	25.3	2.0	5.3	36	1.9	40	9	45
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.0	7.9	8.0	15.5	10.7	16.0	9.4	3.9	24.3	8.5	0.1
1.0	24.0	7.9	9.0	13.3	11.2	17.0	9.2	3.1	24.8	8.5	0.1
2.0	24.0	7.8	10.0	11.7	10.2	18.0	9.1	2.4	25.2	8.5	0.1
3.0	24.0	7.8	11.0	10.7	8.1	19.0	9.0	1.9			
4.0	23.9	7.8	12.0	10.4	7.0	20.0	8.9	1.5			
5.0	23.9	7.9	13.0	9.9	5.6	21.0	8.8	1.2			
6.0	23.5	8.0	14.0	9.7	5.1	22.0	8.6	0.2			
7.0	20.5	9.6	15.0	9.5	4.2	23.0	8.6	0.1			

Aug 22, 2002	10:00	22.1	2.0	5.5	35	3.0	43	13	48
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.4	8.7	8.0	20.2	8.7	16.0	9.7	1.9			
1.0	20.4	8.7	9.0	19.9	8.6	17.0	9.5	1.3			
2.0	20.4	8.7	10.0	13.1	8.7	18.0	9.4	1.0			
3.0	20.4	8.8	11.0	11.7	7.7	19.0	9.3	0.6			
4.0	20.4	8.7	12.0	10.8	5.2	20.0	9.0	0.1			
5.0	20.3	8.7	13.0	10.6	4.3	21.1	8.9	0.1			
6.0	20.3	8.7	14.0	10.0	2.7	21.6	8.8	0.1			
7.0	20.3	8.7	15.0	9.8	2.2	22.0	8.8	0.1			

Oct 28, 2002	9:30	24.6	2.0	4.5	38	3.7	45	15	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	8.2	9.5	8.0	8.2	9.5	16.0	8.1	9.5	23.6	7.9	9.5
1.0	8.2	9.5	9.0	8.2	9.5	17.0	8.1	9.5	24.1	7.8	9.5
2.0	8.2	9.5	10.0	8.2	9.5	18.0	8.1	9.5	24.5	7.9	9.4
3.0	8.2	9.5	11.0	8.2	9.5	19.0	8.1	9.5			
4.0	8.2	9.5	12.0	8.2	9.4	20.0	8.0	9.6			
5.0	8.2	9.5	13.0	8.1	9.4	21.0	8.0	9.6			
6.0	8.2	9.5	14.0	8.1	9.4	22.0	8.0	9.5			
7.0	8.2	9.5	15.0	8.1	9.5	23.0	7.9	9.5			

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
NMI #1 443409 LOWER NINE MILE RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 25, 2002	14:00	1.5	1.0	0.8	63	9.1	52	44	57

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.0	7.2									
0.9	24.9	7.1									
1.4	24.9	6.5									

Jul 22, 2002	9:20	2.4	1.0	1.7	52	16.0	56	34	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.6	7.1									
1.0	25.5	7.1									
1.4	25.5	7.1									
1.9	25.4	6.7									
2.3	25.2	4.5									

Aug 26, 2002	14:40	1.7	1.5	> 1.7	52	4.0	45	20	51
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.7	23.8	9.2									
1.2	23.2	9.6									
1.6	23.0	8.8									

Oct 15, 2002	10:30	1.8	1.5	0.8	63	6.2	49	29	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	6.9	10.8									
0.8	6.9	10.8									
1.3	6.9	10.8									
1.7	6.9	10.3									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
NPN 5TH#1 443096 NORTH PELICAN RESERVOIR - Fifth Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 19, 2002	10:30	4.0	2.0	1.3	56	2.0	40	28	54

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.7	8.0									
1.0	19.6	8.0									
2.0	18.8	7.0									
3.0	18.2	6.4									
3.5	17.6	6.0									
3.9	16.5	3.0									

Jul 22, 2002	12:00	4.3	2.0	1.2	57	8.6	51	29	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.6	6.8									
1.0	25.2	6.5									
2.0	24.0	3.9									
3.3	22.5	1.5									
3.8	19.1	0.1									
4.2	17.1	0.1									

Aug 15, 2002	12:15	4.1	2.0	0.8	63	14.8	55	42	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	22.7	6.7									
1.0	22.6	6.7									
2.0	22.3	6.5									
3.0	22.0	5.8									
3.7	21.8	5.2									
4.2	20.6	2.6									
4.6	18.2	0.1									

Oct 15, 2002	13:40	4.6	2.0	0.7	65	16.4	56	37	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	9.0	9.7									
1.0	9.0	9.7									
2.0	9.0	9.7									
3.0	8.9	9.7									
3.6	8.9	9.7									
4.1	8.9	9.7									
4.5	8.8	9.6									

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
NPN MOEN#1 443047 NORTH PELICAN RESERVOIR - Moen Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 19, 2002	9:20	3.4	2.0	0.9	62	1.8	39	38	56

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.0	7.7									
1.0	19.0	7.8									
2.0	19.0	7.8									
2.4	19.0	7.8									
2.9	19.0	7.8									
3.3	19.0	7.7									

Jul 22, 2002	12:30	3.3	2.0	0.5	70	12.7	54	42	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.8	7.0									
1.0	25.7	7.0									
2.3	25.6	7.0									
2.8	25.6	6.9									
3.2	25.5	6.8									

Aug 15, 2002	13:00	3.1	2.0	0.8	63	10.2	52	40	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	22.0	7.2									
1.0	22.0	7.2									
2.1	22.0	7.2									
2.6	22.0	7.1									
3.0	22.0	7.1									

Oct 15, 2002	14:45	3.6	2.0	0.7	65	4.4	46	36	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	8.3	10.0									
1.0	8.3	10.0									
2.0	8.3	10.0									
2.6	8.3	10.0									
3.1	8.3	10.0									
3.5	8.3	10.0									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
PCL #1 443237 PICKEREL RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 20, 2002	8:20	4.2	2.0	2.3	48	0.5	30	23	52

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.4	8.2									
1.0	19.4	8.2									
2.0	19.3	8.2									
3.2	19.2	7.9									
3.7	19.2	7.7									
4.1	19.1	7.3									

Jul 24, 2002	10:40	4.7	2.0	1.1	59	34.7	62	36	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.8	8.3									
1.0	24.6	8.0									
2.0	24.4	7.0									
3.0	24.3	6.1									
3.7	24.1	5.1									
4.2	24.0	4.9									
4.6	23.8	4.6									

Aug 22, 2002	8:45	5.0	2.0	1.3	56	44.5	63	52	59
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.4	7.9									
1.0	20.4	7.9									
2.0	20.4	7.9									
3.0	20.4	7.8									
4.0	20.4	7.8									
4.5	20.4	7.8									
4.9	20.4	7.9									

Oct 25, 2002	10:30	4.6	2.0	3.4	42	6.8	49	25	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	5.0	11.3									
2.0	5.0	11.3									
3.0	5.0	11.3									
3.6	5.0	11.3									
4.1	5.0	11.3									
4.5	5.0	11.2									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
RAI #1 443394 RAINBOW RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jun 5, 2002	9:20	7.5	2.0	3.2	43	1.5	38	28 ⁽⁵⁾	54			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	16.0	8.4	7.0	14.9	7.9						
	1.0	15.8	8.4	7.4	14.5	6.8						
	2.0	15.7	8.4									
	3.0	15.6	8.4									
	4.0	15.4	8.3									
	5.0	15.2	8.2									
	6.0	15.0	8.0									
	6.5	15.0	8.0									

Jul 9, 2002	18:00	8.1	2.0	1.7	52	5.1	47	25	53			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	26.2	7.7	7.6	18.2	0.1						
	1.0	26.1	7.7	8.0	17.9	0.1						
	2.0	26.1	7.7									
	3.0	26.1	7.7									
	4.0	25.7	7.7									
	5.0	24.6	6.4									
	6.0	22.7	1.5									
	7.1	19.3	0.1									

Aug 15, 2002	9:00	8.4	2.0	1.4	55	13.6	55	36	56			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	22.2	7.4	7.4	22.1	7.3						
	1.0	22.2	7.4	7.9	22.1	7.3						
	2.0	22.1	7.4	8.3	22.1	7.2						
	3.0	22.1	7.4									
	4.0	22.1	7.4									
	5.0	22.1	7.3									
	6.0	22.1	7.3									
	7.0	22.1	7.3									

Sep 24, 2002	16:30	7.6	2.0	1.0	60	19.4	57	45	58			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	1.0	16.3	8.2	7.5	15.2	7.2						
	2.0	16.0	7.7									
	3.0	15.8	7.5									
	4.0	15.8	7.4									
	5.0	15.7	7.3									
	6.0	15.6	7.3									
	6.6	15.3	7.3									
	7.1	15.2	7.2									

(1) Low Absorbance result approx

(2) Holding time exceeded

(3) Duplicate QC exceeded

(4) Lab Accident/Lost Sample

(5) Sample rec'd with ice melted

(6) Instrument Error result approx

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Site STORET Description
RIC #1 353193 RICE RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jun 4, 2002	13:30	6.1	2.0	2.1	49	0.6	32	25 ⁽⁵⁾	53			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	16.9	7.7	6.0	16.7	7.3						
	1.0	16.9	7.7									
	2.0	16.9	7.6									
	3.0	16.8	7.5									
	4.0	16.8	7.5									
	5.0	16.8	7.5									
	5.1	16.8	7.5									
	5.6	16.7	7.4									

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jul 9, 2002	9:40	5.7	2.0	1.8	52	5.1	47	30	54			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	26.1	8.2									
	1.0	25.8	8.1									
	2.0	25.4	7.5									
	3.0	25.3	7.5									
	4.0	24.6	5.8									
	4.7	23.0	1.2									
	5.2	22.2	0.4									
	5.6	21.7	0.1									

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Aug 6, 2002	14:25	5.5	2.0	0.8	63	17.2	56	41	57			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	24.3	9.0									
	1.0	24.1	8.9									
	2.0	23.3	7.8									
	3.0	22.9	7.1									
	4.0	22.8	6.9									
	4.5	22.7	6.8									
	5.0	22.6	6.7									
	5.4	22.6	6.2									

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Sep 24, 2002	8:15	5.3	2.0	0.9	62	19.2	57	50	58			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	1.0	15.4	7.9									
	2.0	15.3	7.9									
	3.0	15.3	7.9									
	4.3	15.3	7.8									
	4.8	15.3	7.8									
	5.2	15.3	7.8									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
RIC DEER#1 353094 RICE RESERVOIR - Deer Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jun 6, 2002	9:00	17.9	2.0	4.6	38	0.4	28	15 ⁽⁵⁾	49			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	17.2	9.8	8.0	9.4	8.8	16.0	7.9	4.4			
	1.0	16.9	9.9	9.0	8.8	6.9	16.9	7.8	3.2			
	2.0	16.4	9.9	10.0	8.3	5.9	17.4	7.8	2.8			
	3.0	15.6	10.1	11.0	8.2	5.6	17.8	7.8	1.9			
	4.0	13.4	11.4	12.0	8.0	5.4						
	5.0	12.0	10.9	13.0	8.0	5.3						
	6.0	11.2	10.6	14.0	7.9	4.7						
	7.0	10.3	10.3	15.0	7.9	4.6						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jul 9, 2002	8:40	18.4	2.0	4.0	40	2.4	41	10	46			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	25.8	7.7	8.0	9.7	9.7	16.0	8.0	0.1			
	1.0	25.7	7.7	9.0	9.1	3.9	17.4	8.0	0.1			
	2.0	25.5	7.7	10.0	8.7	1.3	17.9	8.2	0.1			
	3.0	25.0	7.8	11.0	8.4	0.8	18.3	8.9	0.1			
	4.0	20.8	9.6	12.0	8.2	0.1						
	5.0	15.6	10.7	13.0	8.2	0.1						
	6.0	12.8	10.4	14.0	8.1	0.1						
	7.0	10.7	10.6	15.0	8.1	0.1						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Aug 6, 2002	13:05	18.7	2.0	3.3	43	3.6	44	9	45			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	23.8	7.8	8.0	10.0	3.9	16.0	8.0	0.1			
	1.0	23.7	7.8	9.0	9.3	0.3	17.0	8.0	0.1			
	2.0	23.5	7.8	10.0	8.7	0.1	17.7	8.0	0.1			
	3.0	23.5	7.8	11.0	8.4	0.1	18.2	8.3	0.1			
	4.0	23.0	7.8	12.0	8.2	0.1	18.6	8.5	0.1			
	5.0	18.1	10.1	13.0	8.2	0.1						
	6.0	13.4	9.6	14.0	8.1	0.1						
	7.0	11.1	10.4	15.0	8.0	0.1						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Oct 23, 2002	9:25	17.4	2.0	2.1	49	5.8	48	28	54			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	8.1	8.7	8.0	8.1	8.8	16.0	8.0	8.9			
	1.0	8.1	8.7	9.0	8.1	8.8	16.4	8.0	8.9			
	2.0	8.1	8.7	10.0	8.1	8.8	16.9	8.0	8.9			
	3.0	8.1	8.7	11.0	8.1	8.8	17.3	7.9	8.9			
	4.0	8.1	8.7	12.0	8.0	8.8						
	5.0	8.1	8.7	13.0	8.0	8.8						
	6.0	8.1	8.7	14.0	8.0	8.9						
	7.0	8.1	8.8	15.0	8.0	8.9						

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
RIC LRC2.3 443455 RICE RESERVOIR - Little Rice Creek Arm of the Reservoir

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 4, 2002	12:30	4.1	2.0	> 2.8	45	0.7	32	21 ⁽⁵⁾	52

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	16.9	7.4									
1.0	16.9	7.5									
2.0	16.8	7.5									
3.0	16.7	7.5									
3.1	16.7	7.5									
3.6	16.6	7.4									
4.0	15.0	4.1									

Jul 9, 2002	7:40	5.5	2.0	1.9	51	1.6	38	27	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.7	7.2									
1.0	25.7	7.2									
2.0	25.6	7.2									
3.0	24.9	5.2									
4.0	20.6	0.1									
4.5	18.5	0.1									
5.0	18.2	0.1									
5.4	18.0	0.1									

Aug 6, 2002	14:00	5.5	2.0	0.9	62	37.0	62	40	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.6	8.9									
1.0	23.8	8.8									
2.0	23.5	8.0									
3.0	23.0	6.6									
4.0	22.2	0.2									
4.5	21.6	0.1									
5.0	20.2	0.1									
5.4	19.7	0.1									

Sep 24, 2002	9:00	5.5	2.0	1.8	52	10.3	52	51	59
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	15.9	6.3									
2.0	15.9	6.3									
3.0	15.9	6.3									
4.0	15.9	6.3									
4.5	15.8	6.3									
5.0	15.7	6.1									
5.4	15.6	6.0									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
SCP CHN#1 443070 SUGAR CAMP RESERVOIR - Chain Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 19, 2002	12:45	5.3	2.0	1.5	54	1.5	38	26	53

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	18.8	7.8									
1.0	18.8	7.9									
2.0	18.8	7.8									
3.0	18.7	7.7									
4.3	18.4	5.1									
4.8	14.0	1.3									
5.2	13.8	1.0									

Jul 24, 2002	15:50	5.3	2.0	1.4	55	11.2	53	28	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.1	6.9									
1.0	24.1	6.8									
2.0	24.0	6.7									
3.0	22.3	3.8									
4.3	18.2	0.1									
4.8	16.3	0.1									
5.2	15.3	0.1									

Aug 28, 2002	11:00	5.2	2.0	1.2	57	18.7	57	31	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	21.4	8.3									
1.0	21.1	8.4									
2.0	21.0	8.3									
3.0	20.2	5.8									
4.2	19.3	3.9									
4.7	18.8	1.7									
5.1	18.1	0.1									

Oct 24, 2002	15:15	5.0	2.0	1.2	57	5.3	47	39	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	5.3	10.8									
1.0	5.3	10.7									
2.0	4.8	10.6									
3.0	4.8	10.5									
4.0	4.8	10.5									
4.5	4.8	10.5									
4.9	4.9	10.5									

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
SCP DAM#1 443086 SUGAR CAMP RESERVOIR - Dam Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jun 19, 2002	14:00	9.3	2.0	1.7	<u>52</u>	4.6	<u>46</u>	23	<u>52</u>			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	19.1	8.8	8.3	11.0	2.3						
	1.0	19.1	8.8	8.8	10.8	0.9						
	2.0	19.0	8.7	9.2	10.6	0.1						
	3.0	19.0	8.7									
	4.0	19.0	8.6									
	5.0	16.1	6.3									
	6.0	13.1	4.7									
	7.0	11.9	2.9									

Jul 24, 2002	14:45	8.7	2.0	2.0	<u>50</u>	7.1	<u>50</u>	22	<u>52</u>			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	25.1	7.8	7.7	12.6	0.1						
	1.0	25.1	7.8	8.2	12.1	0.1						
	2.0	24.9	7.8	8.6	11.5	0.1						
	3.0	24.7	7.8									
	4.0	23.7	7.2									
	5.0	20.2	2.1									
	6.0	15.6	0.1									
	7.0	13.4	0.1									

Aug 28, 2002	13:00	9.0	2.0	2.3	<u>48</u>	9.6	<u>52</u>	23	<u>52</u>			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	23.1	8.7	8.0	13.4	0.1						
	1.0	22.2	8.7	8.5	12.8	0.1						
	2.0	21.8	8.6	8.9	12.7	0.1						
	3.0	21.2	7.9									
	4.0	20.6	7.2									
	5.0	19.9	5.2									
	6.0	19.5	4.7									
	7.0	18.2	1.5									

Oct 24, 2002	14:30	9.1	2.0	2.7	<u>46</u>	10.7	<u>53</u>	23	<u>52</u>			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	7.0	11.1	8.1	6.4	10.9						
	1.0	7.0	11.0	8.6	6.4	10.9						
	2.0	6.8	11.0	9.0	6.4	10.8						
	3.0	6.5	11.0									
	4.0	6.5	10.9									
	5.0	6.5	11.0									
	6.0	6.5	11.0									
	7.0	6.4	11.0									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
SCP SND#1 443248 SUGAR CAMP RESERVOIR - Sand Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 19, 2002	13:30	6.3	2.0	1.3	56	2.2	41	27	54

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.0	8.2									
1.0	19.0	8.2									
2.0	19.0	8.2									
3.0	19.0	8.2									
4.0	19.0	8.2									
5.3	18.8	8.2									
5.8	18.5	8.1									
6.2	18.5	8.0									

Jul 24, 2002	15:15	6.4	2.0	1.4	55	9.9	52	28	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.2	7.4	6.3	19.5	0.1						
1.0	25.2	7.4									
2.0	25.2	7.4									
3.0	25.1	7.3									
4.0	24.4	6.8									
5.0	22.1	0.9									
5.4	21.2	0.1									
5.9	20.2	0.1									

Aug 28, 2002	12:00	6.5	2.0	2.1	49	12.5	54	32	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	22.1	8.7	6.4	20.1	0.9						
1.0	21.9	8.7									
2.0	21.4	8.5									
3.0	21.0	7.9									
4.0	20.7	6.5									
5.0	20.3	5.4									
5.5	20.3	4.1									
6.0	20.2	3.4									

Oct 24, 2002	14:00	6.6	2.0	1.4	55	10.6	53	28	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	5.3	11.6	6.5	5.0	11.3						
1.0	5.3	11.6									
2.0	5.2	11.6									
3.0	5.0	11.6									
4.0	5.0	11.5									
5.0	5.0	11.5									
5.6	5.0	11.4									
6.1	5.0	11.4									

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
SMI #1 443253 SEVEN MILE RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 25, 2002	12:30	12.1	2.0	1.8	52	1.3	37	18	51

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	22.7	8.6	8.0	10.5	6.3						
1.0	22.7	8.7	9.0	9.9	4.3						
2.0	22.5	8.7	10.0	9.8	3.8						
3.0	22.0	8.7	11.1	9.5	2.0						
4.0	17.6	7.7	11.6	9.2	0.7						
5.0	15.5	7.1	12.0	9.3	0.7						
6.0	12.2	6.6									
7.0	11.2	6.8									

Jul 22, 2002		12.5	2.0	2.9	45	4.1	45	14	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.0	8.0	8.0	11.1	3.3						
1.0	25.0	7.9	9.0	10.8	2.9						
2.0	24.9	7.9	10.0	10.1	2.6						
3.0	24.6	7.8	11.0	9.9	2.4						
4.0	21.9	6.9	11.5	9.8	0.1						
5.0	17.4	5.1	12.0	9.6	0.3						
6.0	14.4	4.4	12.4	9.5	0.1						
7.0	12.4	4.5									

Aug 26, 2002	15:45	13.1	2.0	3.3	43	3.8	45	14	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.2	9.0	8.0	11.1	0.4						
1.0	24.1	9.0	9.0	10.5	0.1						
2.0	23.6	9.3	10.0	10.2	0.1						
3.0	20.9	9.3	11.0	9.9	0.1						
4.0	20.3	8.7	12.1	9.5	0.1						
5.0	19.8	8.0	12.6	9.4	0.1						
6.0	18.7	6.1	13.0	9.5	0.1						
7.0	14.0	0.7									

Oct 15, 2002	11:40	13.4	2.0	1.4	55	4.5	46	19	51
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	10.6	8.2	8.0	10.6	8.2						
1.0	10.6	8.2	9.0	10.6	8.2						
2.0	10.6	8.2	10.0	10.5	8.2						
3.0	10.6	8.2	11.0	10.5	8.2						
4.0	10.6	8.2	12.0	10.5	8.1						
5.0	10.6	8.2	12.4	10.5	8.1						
6.0	10.6	8.2	12.9	10.4	8.0						
7.0	10.6	8.2	13.3	10.4	2.2						

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
SPD #2 353092 SPIRIT RESERVOIR - Site #2 Spirit Reservoir alternate site

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 4, 2002	9:00	5.7	2.0	1.5	54	0.4	28	28 ⁽⁵⁾	54

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	17.3	7.2									
1.0	17.3	7.2									
2.0	17.2	7.2									
3.0	17.2	7.1									
4.0	17.2	7.0									
5.0	16.5	5.6									
5.2	16.4	5.5									
5.6	15.6	4.5									

Jul 10, 2002	10:30	5.9	2.0	1.1	59	3.7	45	33	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.5	5.1									
1.0	24.5	5.1									
2.0	24.5	5.1									
3.0	24.4	5.1									
4.0	22.3	0.5									
4.9	20.4	0.1									
5.4	20.2	0.1									
5.8	19.5	0.1									

Aug 6, 2002	16:25	7.3	2.0	0.9	62	23.7	59	51	59
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.8	8.1	7.2	18.5	0.1						
1.0	24.5	8.0									
2.0	23.6	6.8									
3.0	23.6	6.6									
4.0	23.3	5.9									
5.0	23.1	5.8									
6.3	22.9	5.4									
6.8	19.4	0.1									

Sep 23, 2002	14:15	7.7	2.0	1.0	60	12.6	54	58	60
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	17.1	5.6	7.6	17.1	4.2						
2.0	17.1	5.5									
3.0	17.1	5.5									
4.0	17.1	5.5									
5.0	17.1	5.5									
6.0	17.1	5.5									
6.7	17.1	5.4									
7.2	17.1	5.1									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
SPN #1 443140 SOUTH PELICAN RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 21, 2002	14:50	11.5	2.0	3.2	43	3.9	45	19	51

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.7	8.9	8.0	18.8	7.1						
1.0	20.0	8.9	9.0	18.8	7.0						
2.0	19.8	8.7	10.0	18.5	6.7						
3.0	19.7	8.7	10.5	18.5	6.5						
4.0	19.5	8.6	11.0	18.2	5.7						
5.0	18.9	7.5	11.4	18.0	0.1						
6.0	18.8	7.5									
7.0	18.8	7.3									

Jul 22, 2002	14:00	10.6	2.0	N/A	10.9	53	39	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.0	7.1	8.0	24.9	6.9						
1.0	25.0	7.1	9.0	24.9	6.6						
2.0	25.0	7.1	9.6	21.6	0.1						
3.0	25.0	7.0	10.1	21.2	0.1						
4.0	25.0	7.0	10.5	20.9	0.1						
5.0	24.9	7.0									
6.0	24.9	7.0									
7.0	24.9	7.0									

Aug 26, 2002	17:15	12.1	2.0	1.9	51	15.4	55	34	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	24.5	11.8	8.0	20.4	2.8						
1.0	23.7	11.9	9.0	20.3	2.7						
2.0	22.1	11.6	10.0	20.2	1.9						
3.0	21.2	10.1	11.1	20.2	1.3						
4.0	20.8	8.0	11.6	20.1	0.7						
5.0	20.6	6.9	12.0	19.9	0.1						
6.0	20.5	5.4									
7.0	20.4	4.2									

Oct 15, 2002	16:25	11.4	2.0	2.3	48	9.1	52	26	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	9.8	9.9	8.0	9.8	9.9						
1.0	9.8	9.9	9.0	9.8	9.9						
2.0	9.8	9.9	10.0	9.8	9.9						
3.0	9.8	9.9	10.4	9.8	9.9						
4.0	9.8	9.9	10.9	9.8	9.8						
5.0	9.8	9.0	11.3	9.8	9.8						
6.0	9.8	9.9									
7.0	9.8	9.9									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
SQL #1 443268 SQUIRREL RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 20, 2002	11:20	12.3	2.0	3.1	44	2.9	43	19	51

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.2	8.8	8.0	18.3	8.2						
1.0	19.2	8.8	9.0	14.5	3.3						
2.0	19.0	8.7	10.0	13.9	3.1						
3.0	19.0	8.7	11.3	13.8	3.0						
4.0	18.8	8.6	11.8	13.8	2.8						
5.0	18.7	8.3	12.2	13.7	2.6						
6.0	18.6	8.3									
7.0	18.6	8.2									

Jul 23, 2002	16:00	13.0	2.0	1.8	52	8.7	51	22	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	26.0	8.3	8.0	16.4	0.1						
1.0	25.5	8.4	9.0	15.8	0.1						
2.0	25.3	8.4	10.0	15.0	0.1						
3.0	24.9	8.3	11.0	14.1	0.1						
4.0	24.7	8.2	12.0	14.0	0.1						
5.0	24.6	7.9	12.5	13.9	0.1						
6.0	22.1	1.3	12.9	13.7	0.1						
7.0	18.7	0.1									

Aug 22, 2002	13:00	14.1	2.0	2.3	48	13.4	54	25	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	20.9	8.6	8.0	20.5	8.0						
1.0	20.9	8.6	9.0	20.4	7.7						
2.0	20.9	8.6	10.0	15.7	0.1						
3.0	20.7	8.5	11.0	14.9	0.1						
4.0	20.7	8.4	12.0	14.7	0.1						
5.0	20.6	8.0	13.1	14.7	0.1						
6.0	20.6	8.0	13.6	14.6	0.1						
7.0	20.6	8.0	14.0	14.6	0.1						

Oct 23, 2002	13:25	14.7	2.0	3.7	41	9.4	52	22	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	7.0	10.1	8.0	7.0	10.0	14.6	6.9	9.9			
1.0	7.0	10.1	9.0	7.0	9.9						
2.0	7.0	10.1	10.0	7.0	9.9						
3.0	7.0	10.1	11.0	7.0	9.9						
4.0	7.0	10.1	12.0	7.0	9.9						
5.0	7.0	10.1	13.0	7.0	10.0						
6.0	7.0	10.1	13.7	7.0	9.9						
7.0	7.0	10.0	14.2	7.0	9.9						

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
TWN NO#1 643140 TWIN LAKES RESERVOIR - North Twin Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jun 12, 2002	11:30	16.9	2.0	5.3	36	2.9	43	19	51			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	17.1	9.8	8.0	12.7	9.4	15.9	9.9	5.5			
	1.0	17.1	9.7	9.0	11.6	8.8	16.4	9.9	5.3			
	2.0	17.1	9.8	10.0	10.8	8.2	16.8	9.8	5.1			
	3.0	17.0	9.8	11.0	10.7	8.0						
	4.0	17.0	9.8	12.0	10.4	7.6						
	5.0	16.9	9.8	13.0	9.9	6.0						
	6.0	14.2	10.0	14.0	9.9	5.6						
	7.0	13.4	9.7	15.0	9.9	5.6						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jul 16, 2002	11:45	19.2	2.0	6.3	33	0.9	34	13	48			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	25.1	8.1	8.0	14.5	5.7	16.0	10.4	0.1			
	1.0	25.1	8.1	9.0	12.8	3.0	17.0	10.4	0.1			
	2.0	25.0	8.1	10.0	12.1	2.1	18.2	10.5	0.1			
	3.0	25.0	8.0	11.0	11.3	0.1	18.7	11.3	0.1			
	4.0	24.7	7.9	12.0	11.0	0.1	19.1	11.2	0.2			
	5.0	23.9	8.1	13.0	10.7	0.1						
	6.0	23.4	8.2	14.0	10.5	0.1						
	7.0	18.0	7.6	15.0	10.4	0.1						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Aug 26, 2002	11:50	18.1	2.0	5.8	35	2.3	41	12	47			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	21.5	9.4	8.0	19.2	7.1	16.0	11.1	0.1			
	1.0	21.3	9.4	9.0	18.4	4.8	17.1	11.1	0.1			
	2.0	21.1	9.5	10.0	18.2	4.4	17.6	11.1	0.1			
	3.0	20.9	9.4	11.0	13.0	0.1	18.0	11.1	0.1			
	4.0	20.3	9.2	12.0	11.7	0.1						
	5.0	19.9	8.9	13.0	11.5	0.1						
	6.0	19.8	8.8	14.0	11.3	0.1						
	7.0	19.4	7.7	15.0	11.2	0.1						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Oct 16, 2002	11:20	18.2	2.0	3.7	41	9.8	52	21	52			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	0.5	10.9	10.5	8.0	10.8	10.3	16.0	10.2	9.8			
	1.0	10.9	10.5	9.0	10.8	10.3	17.0	10.1	9.6			
	2.0	10.9	10.5	10.0	10.8	10.3	17.2	10.1	9.6			
	3.0	10.9	10.4	11.0	10.8	10.3	17.7	10.1	9.3			
	4.0	10.9	10.4	12.0	10.8	10.3	18.1	10.1	4.1			
	5.0	10.9	10.3	13.0	10.8	10.3						
	6.0	10.8	10.3	14.0	10.7	10.3						
	7.0	10.8	10.3	15.0	10.6	10.2						

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
TWN SO#1 643106 TWIN LAKES RESERVOIR - South Twin Lake at Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 12, 2002	12:10	12.2	2.0	4.9	37	1.7	39	15	49

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	18.0	9.3	8.0	11.1	9.2						
1.0	18.0	9.3	9.0	10.6	6.4						
2.0	18.0	9.3	10.0	10.1	2.2						
3.0	17.9	9.3	11.2	9.8	0.7						
4.0	17.8	9.2	11.7	9.8	0.5						
5.0	15.4	9.9	12.1	9.8	0.4						
6.0	13.9	9.9									
7.0	12.0	9.9									

Jul 16, 2002	12:20	12.0	2.0	4.9	37	1.4	37	11	47
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	25.5	8.0	8.0	13.1	4.9						
1.0	25.4	8.0	9.0	11.8	0.5						
2.0	25.3	7.9	10.0	11.2	0.3						
3.0	25.2	7.9	11.0	11.1	0.2						
4.0	24.1	8.1	11.5	11.1	0.2						
5.0	22.4	7.9	11.9	11.0	0.1						
6.0	17.8	9.3									
7.0	14.9	7.1									

Aug 26, 2002	12:20	12.6	2.0	5.3	36	3.3	44	13	48
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	21.6	9.6	8.0	18.0	5.4						
1.0	21.5	9.6	9.0	13.9	0.2						
2.0	21.2	9.6	10.0	11.1	0.1						
3.0	20.9	9.7	11.0	10.7	0.1						
4.0	20.5	9.7	11.6	10.6	0.1						
5.0	20.2	9.3	12.1	10.6	0.1						
6.0	20.0	8.9	12.5	10.7	0.1						
7.0	19.4	7.5									

Oct 16, 2002	11:50	12.9	2.0	4.1	40	6.7	49	22	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	9.9	10.4	8.0	9.9	10.1						
1.0	9.9	10.4	9.0	9.8	10.1						
2.0	9.9	10.4	10.0	9.8	10.1						
3.0	9.9	10.4	11.0	9.5	9.9						
4.0	9.9	10.3	11.9	9.4	9.3						
5.0	9.9	10.3	12.4	9.4	9.3						
6.0	9.9	10.2	12.8	9.4	5.8						
7.0	9.9	10.1									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx

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Site STORET Description
WOW #1 443396 WILLOW RESERVOIR - Maximum Depth

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Jun 5, 2002	15:45	7.2	2.0	2.0	50	0.4	28	26 ⁽⁵⁾	53	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	18.1	8.3	6.7	13.7	4.8			
		1.0	16.0	8.2	7.1	13.4	4.4			
		2.0	15.8	8.1						
		3.0	15.7	8.1						
		4.0	15.6	8.0						
		5.0	15.5	7.7						
		6.0	14.3	5.6						
		6.2	14.1	5.2						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Jul 9, 2002	12:55	7.4	2.0	2.6	46	6.7	49	25	53	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	26.6	7.7	6.9	18.3	0.1			
		1.0	26.2	7.7	7.3	18.3	0.1			
		2.0	25.2	7.4						
		3.0	24.0	5.7						
		4.0	23.2	4.2						
		5.0	22.6	3.2						
		6.0	19.7	0.2						
		6.4	19.1	0.1						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Aug 6, 2002	10:20	7.3	2.0	1.1	59	12.2	54	34	55	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	22.8	6.8	7.2	22.4	6.2			
		1.0	22.8	6.8						
		2.0	22.8	6.6						
		3.0	22.7	6.5						
		4.0	22.7	6.4						
		5.0	22.6	6.5						
		6.3	22.5	6.4						
		6.8	22.4	6.3						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Sep 24, 2002	12:20	8.2	2.0	1.3	56	15.4	55	44	57	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	16.2	8.0	8.1	15.6	7.4			
		2.0	16.1	7.9						
		3.0	15.9	7.7						
		4.0	15.9	7.7						
		5.0	15.9	7.6						
		6.0	15.7	7.6						
		7.2	15.7	7.6						
		7.7	15.7	7.4						

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
WOW #2 443397 WILLOW RESERVOIR - Site #2 Willow River Arm of the Reservoir

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Jun 5, 2002	16:35	6.1	2.0	1.6	53	0.4	28	30 ⁽⁵⁾	54	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	19.1	8.2	6.0	13.4	3.5			
		1.0	18.6	8.2						
		2.0	15.6	8.0						
		3.0	15.5	8.0						
		4.0	15.3	7.9						
		5.0	15.2	7.6						
		5.1	15.2	7.5						
		5.6	14.4	5.4						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Jul 9, 2002	13:30	6.3	2.0	1.7	52	3.0	43	26	53	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	26.4	7.6						
		1.0	26.3	7.6						
		2.0	26.1	7.6						
		3.0	25.2	7.1						
		4.0	23.4	4.3						
		5.3	20.0	0.3						
		5.8	18.6	0.1						
		6.2	18.4	0.1						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Aug 6, 2002	10:50	6.2	2.0	1.2	57	9.1	52	43	57	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		0.5	23.0	6.1						
		1.0	22.9	6.1						
		2.0	22.8	6.2						
		3.0	22.7	6.0						
		4.0	22.7	5.9						
		5.2	22.6	5.8						
		5.7	22.6	5.5						
		6.1	22.4	4.7						

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI	
Sep 24, 2002	14:05	6.5	2.0	0.8	63	8.1	51	63	60	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	16.4	6.7						
		2.0	16.0	6.6						
		3.0	16.0	6.5						
		4.0	16.0	6.5						
		5.0	15.9	6.5						
		5.5	15.9	6.4						
		6.0	15.9	6.3						
		6.4	15.9	6.2						

(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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Site STORET Description
WOW #3 443398 WILLOW RESERVOIR - Tomahawk River Arm of the Reservoir

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 5, 2002	17:10	5.8	2.0	2.0	50	0.6	31	24 ⁽⁵⁾	53

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	19.6	7.5									
1.0	16.9	7.5									
2.0	15.8	7.5									
3.0	15.8	7.5									
4.0	15.7	7.4									
4.8	15.8	7.4									
5.3	15.7	7.0									
5.7	15.5	5.3									

Jul 9, 2002	14:10	6.1	2.0	2.2	49	3.8	45	27	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	26.9	7.8									
1.0	26.6	7.6									
2.0	25.4	7.1									
3.0	25.2	6.7									
4.0	24.8	5.8									
5.1	23.8	4.1									
5.6	22.7	1.7									
6.0	20.5	0.0									

Aug 6, 2002	11:20	6.0	2.0	0.9	62	25.9	59	37	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
0.5	22.8	7.9									
1.0	22.8	7.9									
2.0	22.8	7.8									
3.0	22.7	7.7									
4.0	22.7	7.6									
5.0	22.6	7.6									
5.5	22.6	7.5									
5.9	22.6	7.3									

Sep 24, 2002	13:15	6.3	2.0	1.0	60	12.1	54	57	59
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	15.4	7.7									
2.0	15.2	7.5									
3.0	14.8	7.4									
4.0	14.8	7.4									
5.0	14.8	7.4									
5.3	14.5	7.3									
5.8	14.5	7.2									
6.2	14.5	7.2									

(1) Low Absorbance result approx
 (4) Lab Accident/Lost Sample

(2) Holding time exceeded
 (5) Sample rec'd with ice melted

(3) Duplicate QC exceeded
 (6) Instrument Error result approx