

WVIC TSI Full Data Report - 2012

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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 26, 2012	10:58	12.1	2.0	4.2	39	2.7	42	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)
	1.0	22.3	8.7	9.0	19.7	1.9						
	2.0	21.9	8.6	10.0	19.6	1.7						
	3.0	21.6	8.5	11.1	19.6	1.6						
	4.0	21.4	8.5	11.6	19.5	1.2						
	5.0	21.1	7.8	12.0	19.3	0.2						
	6.0	20.6	5.9									
	7.0	20.0	3.2									
	8.0	19.8	2.0									

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, 2012	9:27	11.3	2.0	4.9	37	5.5	48	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)
	1.0	25.5	8.5	9.0	20.5	0.2						
	2.0	25.4	8.4	10.3	20.4	0.2						
	3.0	25.2	8.3	10.8	20.3	0.2						
	4.0	25.0	8.1	11.2	20.3	0.2						
	5.0	24.2	6.8									
	6.0	22.5	3.3									
	7.0	21.1	0.3									
	8.0	20.7	0.2									

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			
Aug 14, 2012	14:25	12.4	2.0	1.3	56	70.0	67	90	63			
	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	22.8	11.2	9.0	21.3	3.5						
	2.0	22.5	10.7	10.0	21.3	3.0						
	3.0	22.2	10.1	11.0	21.2	2.4						
	4.0	21.8	8.8	11.4	21.1	1.8						
	5.0	21.5	5.5	11.9	21.1	1.3						
	6.0	21.4	4.5	12.3	20.1	0.2						
	7.0	21.3	3.9									
	8.0	21.3	3.6									

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			
Nov 1, 2012	12:03	12.3	2.0	5.9	34	2.5	42	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)
	1.0	6.7	10.1	9.0	6.7	10.0						
	2.0	6.7	10.1	10.0	6.7	10.0						
	3.0	6.7	10.1	11.3	6.7	9.9						
	4.0	6.7	10.1	11.8	6.7	9.9						
	5.0	6.7	10.1	12.2	6.7	9.9						
	6.0	6.7	10.0									
	7.0	6.7	10.0									
	8.0	6.7	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
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 13, 2012	14:35	5.0	2.0	3.5	<u>42</u>	3.7	<u>45</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)
1.0	21.2	8.4									
2.0	21.1	8.3									
3.0	21.1	8.0									
4.0	20.9	0.1									
4.5	20.7	0.2									
4.9	20.6	0.2									

Jul 2, 2012	14:48	5.1	2.0	3.5	<u>42</u>	3.0	<u>43</u>	18	<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)
1.0	26.5	9.0									
2.0	26.3	9.0									
3.0	24.6	9.7									
4.1	23.7	8.0									
4.6	23.1	1.9									
5.0	22.6	0.3									

Aug 2, 2012	15:10	5.0	2.0	2.6	<u>46</u>	9.2	<u>52</u>	25⁽³⁾	<u>53</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)
1.0	25.1	8.6									
2.0	24.9	8.5									
3.0	24.4	7.7									
4.0	24.3	7.4									
4.5	24.3	7.1									
4.9	24.2	0.4									

Oct 24, 2012	15:46	5.0	2.0	3.2	<u>43</u>	9.2	<u>52</u>	30	<u>54</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)
1.0	9.6	11.2									
2.0	9.5	11.0									
3.0	9.4	10.8									
4.0	9.3	10.4									
4.5	9.3	10.2									
4.9	9.4	4.9									

(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
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 13, 2012	14:06	13.0	2.0	5.1	37	4.1	46	17	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)
	1.0	20.9	9.0	9.0	11.3	0.2						
	2.0	20.8	8.9	10.0	10.7	0.2						
	3.0	20.8	8.9	11.0	10.3	0.2						
	4.0	20.6	8.9	12.0	10.1	0.3						
	5.0	20.6	8.8	12.5	10.1	0.3						
	6.0	19.2	7.5	12.9	10.3	0.4						
	7.0	15.1	3.8									
	8.0	12.9	0.9									

Jul 2, 2012	14:32	13.1	2.0	3.9	40	3.2	44	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)
	1.0	26.0	8.7	9.0	11.8	0.2						
	2.0	25.7	8.7	10.0	11.1	0.2						
	3.0	25.2	8.6	11.0	10.8	0.2						
	4.0	23.0	8.8	12.1	10.5	0.2						
	5.0	21.6	8.8	12.6	10.6	0.2						
	6.0	19.4	6.5	13.0	10.8	0.2						
	7.0	15.7	1.1									
	8.0	13.1	0.3									

Aug 2, 2012	14:56	12.9	2.0	4.0	40	5.8	48	18 ⁽³⁾	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)
	1.0	25.0	8.6	9.0	12.4	0.2						
	2.0	24.5	8.5	10.0	11.7	0.2						
	3.0	24.3	8.5	11.0	11.3	0.2						
	4.0	24.1	8.2	11.9	11.2	0.2						
	5.0	23.9	7.8	12.4	11.0	0.2						
	6.0	23.0	6.5	12.8	11.0	0.2						
	7.0	16.7	0.6									
	8.0	14.0	0.4									

Oct 24, 2012	15:57	13.0	2.0	3.5	42	7.0	49	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)
	1.0	10.1	9.9	9.0	9.3	8.9						
	2.0	9.8	9.8	10.0	9.3	8.7						
	3.0	9.7	9.7	11.0	9.3	8.6						
	4.0	9.6	9.6	12.0	9.3	8.5						
	5.0	9.6	9.5	12.5	9.3	8.1						
	6.0	9.5	9.4	12.9	9.3	7.9						
	7.0	9.5	9.3									
	8.0	9.4	9.1									

(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
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 14, 2012	9:44	10.5	2.0	2.4	47	4.3	46	24	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)
	1.0	19.3	8.0	9.0	15.2	0.7						
	2.0	19.3	8.0	9.5	13.5	0.3						
	3.0	19.3	7.9	10.0	13.2	0.3						
	4.0	19.3	7.8	10.4	13.1	0.5						
	5.0	18.9	6.7									
	6.0	16.9	3.9									
	7.0	16.4	2.7									
	8.0	16.0	2.0									

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 5, 2012	11:01	10.1	2.0	2.8	45	7.6	50	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)
				8.0	17.6	0.2						
	1.0	25.6	7.8	9.1	17.3	0.2						
	2.0	25.2	7.7	9.6	17.0	0.2						
	3.0	24.8	7.4	10.0	16.8	0.3						
	4.0	22.8	5.5									
	5.0	21.4	4.0									
	6.0	20.6	3.0									
	7.0	18.7	0.6									

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			
Aug 7, 2012	11:17	9.9	2.0	1.6	53	7.3	50	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)
	1.0	23.5	7.2	8.9	17.2	0.2						
	2.0	23.3	7.1	9.4	17.0	0.3						
	3.0	23.2	7.0	9.8	16.9	0.4						
	4.0	23.1	6.9									
	5.0	23.1	6.8									
	6.0	22.6	5.5									
	7.0	19.7	0.2									
	8.0	17.4	0.2									

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			
Oct 31, 2012	11:34	9.9	2.0	2.4	47	2.4	42	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)
	1.0	6.6	10.9	8.9	6.7	10.4						
	2.0	6.7	10.8	9.4	6.7	10.2						
	3.0	6.7	10.8	9.8	6.7	10.4						
	4.0	6.7	10.9									
	5.0	6.7	10.8									
	6.0	6.7	10.8									
	7.0	6.7	10.7									
	8.0	6.7	10.7									

(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 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 12, 2012	15:50	8.2	2.0	1.2	<u>57</u>	9.6	<u>52</u>	34	<u>55</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)
	1.0	20.7	7.9	8.1	17.2	0.5						
	2.0	20.7	7.9									
	3.0	20.6	7.9									
	4.0	20.6	7.8									
	5.0	20.4	7.7									
	6.0	20.3	7.6									
	7.2	20.2	7.5									
	7.7	19.8	7.2									

Jul 5, 2012	9:37	8.1	2.0	1.8	<u>52</u>	10.2	<u>52</u>	33	<u>55</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)
	1.0	25.9	7.3	8.0	21.9	1.9						
	2.0	25.7	7.1									
	3.0	25.1	6.6									
	4.0	24.5	5.9									
	5.0	23.2	4.6									
	6.0	22.6	3.7									
	7.1	22.1	2.8									
	7.6	22.0	2.3									

Aug 7, 2012	10:01	7.9	2.0	1.1	<u>59</u>	4.4	<u>46</u>	31	<u>55</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)
	1.0	23.4	7.1	7.8	22.4	0.7						
	2.0	23.1	6.9									
	3.0	23.0	6.6									
	4.0	22.8	6.7									
	5.0	22.8	6.9									
	6.0	22.8	6.8									
	6.9	22.6	6.6									
	7.4	22.6	6.0									

Oct 31, 2012	10:01	8.3	2.0	1.5	<u>54</u>	4.6⁽³⁾	<u>46</u>	41	<u>57</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)
	1.0	5.8	10.8	8.2	6.0	10.4						
	2.0	5.8	10.8									
	3.0	5.8	10.8									
	4.0	5.8	10.7									
	5.0	5.8	10.7									
	6.0	5.8	10.7									
	7.3	5.8	10.7									
	7.8	5.9	10.6									

(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 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 14, 2012	10:16	8.9	2.0	2.5	47	6.4	49	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)
	1.0	20.1	8.3	8.4	15.0	0.3						
	2.0	20.0	8.2	8.8	14.8	0.3						
	3.0	19.9	8.0									
	4.0	19.6	7.7									
	5.0	19.3	6.9									
	6.0	16.3	1.7									
	7.0	15.5	0.2									
	7.9	15.2	0.2									

Jul 5, 2012	12:23	9.6	2.0	2.7	46	8.0	50	24	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)
	1.0	27.6	8.2	8.6	16.6	0.3						
	2.0	26.4	8.1	9.1	16.6	0.3						
	3.0	25.9	7.6	9.5	16.6	0.4						
	4.0	23.7	5.9									
	5.0	20.2	1.6									
	6.0	17.9	0.2									
	7.0	16.7	0.2									
	8.1	16.5	0.3									

Aug 7, 2012	12:44	9.5	2.0	2.0	50	6.8	49	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)
	1.0	23.9	7.9	8.5	16.0	0.3						
	2.0	23.7	7.7	9.0	15.9	0.3						
	3.0	23.4	7.5	9.4	15.9	0.3						
	4.0	23.2	7.1									
	5.0	22.8	6.5									
	6.0	18.8	0.2									
	7.0	16.7	0.2									
	8.0	16.2	0.2									

Oct 31, 2012	12:52	9.6	2.0	2.0	50	7.5	50	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)
	1.0	6.7	10.8	8.6	6.5	10.8						
	2.0	6.6	10.8	9.1	6.4	10.8						
	3.0	6.6	10.7	9.5	6.4	10.8						
	4.0	6.6	10.7									
	5.0	6.6	10.7									
	6.0	6.6	10.7									
	7.0	6.6	10.7									
	8.0	6.5	10.8									

(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
BUR MED#1 443289 BURNT ROLLWAYS RESERVOIR - Medicine 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 14, 2012	9:21	13.5	2.0	2.3	48	8.0	50	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)
	1.0	19.7	8.4	9.0	9.0	3.9						
	2.0	19.6	8.4	10.0	8.9	3.4						
	3.0	19.5	8.2	11.0	8.8	2.7						
	4.0	17.8	6.6	12.0	8.7	2.6						
	5.0	14.8	5.8	12.5	8.7	2.3						
	6.0	12.1	5.5	13.0	8.8	2.0						
	7.0	12.0	5.5	13.4	8.9	0.3						
	8.0	10.1	5.2									

Jul 5, 2012	10:41	13.5	2.0	2.4	47	7.5	50	24	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)
	1.0	26.1	7.8	9.0	10.6	2.5						
	2.0	25.7	7.7	10.0	10.1	2.2						
	3.0	24.9	7.3	11.0	9.7	1.9						
	4.0	21.8	5.4	12.0	9.2	1.1						
	5.0	18.9	4.0	12.5	9.2	0.9						
	6.0	15.4	3.1	13.0	9.2	0.9						
	7.0	13.3	2.9	13.4	9.4	0.7						
	8.0	11.5	2.8									

Aug 7, 2012	10:57	13.5	2.0	2.2	49	6.8	49	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)
	1.0	23.7	7.7	9.0	10.5	0.2						
	2.0	23.3	7.4	10.0	9.8	0.2						
	3.0	22.9	7.2	11.0	9.5	0.3						
	4.0	22.7	6.9	12.0	9.2	0.3						
	5.0	22.3	6.0	12.5	9.2	0.3						
	6.0	17.4	0.2	13.0	9.2	0.3						
	7.0	13.9	0.2	13.4	9.4	0.4						
	8.0	11.4	0.2									

Oct 31, 2012	11:16	13.5	2.0	2.1	49	0.3	27	32	55			
	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	7.5	9.8	9.0	7.4	9.7						
	2.0	7.5	9.8	10.0	7.4	9.7						
	3.0	7.5	9.8	11.0	7.4	9.7						
	4.0	7.5	9.9	12.0	7.4	9.6						
	5.0	7.5	9.8	12.5	7.4	9.4						
	6.0	7.4	9.8	13.0	7.4	9.1						
	7.0	7.4	9.8	13.4	7.4	5.7						
	8.0	7.4	9.8									

(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
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 14, 2012	10:41	11.6	2.0	2.6	46	6.2	49	24	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)
	1.0	19.7	8.3	9.0	14.2	1.3						
	2.0	19.7	8.3	10.0	12.9	0.2						
	3.0	19.6	8.3	10.6	12.3	0.2						
	4.0	19.6	8.2	11.1	12.1	0.3						
	5.0	19.6	8.2	11.5	12.0	0.3						
	6.0	19.5	8.0									
	7.0	18.9	6.4									
	8.0	16.2	3.9									

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 5, 2012	11:54	11.5	2.0	3.3	43	5.0	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)
	1.0	26.0	7.9	9.0	15.8	0.2						
	2.0	25.6	7.8	10.0	14.7	0.2						
	3.0	23.2	7.5	10.5	14.0	0.2						
	4.0	23.2	5.5	11.0	13.9	0.2						
	5.0	22.0	4.7	11.4	13.9	0.2						
	6.0	20.4	3.5									
	7.0	18.8	2.1									
	8.0	17.6	0.9									

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 7, 2012	12:15	11.7	2.0	2.5	47	7.3	50	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)
	1.0	23.6	7.5	9.0	17.0	0.2						
	2.0	23.2	7.2	10.0	15.5	0.2						
	3.0	23.2	7.1	10.7	14.1	0.2						
	4.0	23.1	7.1	11.2	13.9	0.3						
	5.0	23.1	7.0	11.6	13.8	0.3						
	6.0	23.0	6.9									
	7.0	22.7	6.6									
	8.0	21.0	1.4									

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			
Oct 31, 2012	12:05	11.7	2.0	2.4	47	6.0	48	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)
	1.0	7.1	10.9	9.0	7.1	10.8						
	2.0	7.1	10.9	10.0	7.1	10.7						
	3.0	7.1	10.8	10.7	7.1	10.7						
	4.0	7.1	10.8	11.2	7.0	10.7						
	5.0	7.1	10.8	11.6	7.0	10.6						
	6.0	7.1	10.8									
	7.0	7.1	10.8									
	8.0	7.1	10.8									

(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
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 14, 2012	11:07	7.7	2.0	1.8	<u>52</u>	7.1	<u>50</u>	26	<u>53</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)
	1.0	19.8	8.4	7.6	9.7	0.3						
	2.0	19.6	8.3									
	3.0	18.3	7.1									
	4.0	15.9	5.0									
	5.0	13.2	2.4									
	6.0	11.1	0.7									
	6.7	10.0	0.3									
	7.2	9.7	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			
Jul 5, 2012	11:35	7.6	2.0	2.2	<u>49</u>	7.7	<u>50</u>	25	<u>53</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)
	1.0	26.9	7.9	7.5	11.5	0.6						
	2.0	26.5	7.8									
	3.0	22.0	5.4									
	4.0	18.3	2.8									
	5.0	14.3	0.3									
	6.0	12.1	0.4									
	6.6	11.5	0.4									
	7.1	11.4	0.4									

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			
Aug 7, 2012	11:53	7.9	2.0	1.6	<u>53</u>	5.7	<u>48</u>	24	<u>53</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)
	1.0	23.6	7.3	7.8	11.4	0.3						
	2.0	23.5	7.3									
	3.0	23.1	7.0									
	4.0	20.5	0.9									
	5.0	14.8	0.2									
	6.0	12.6	0.2									
	6.9	11.9	0.2									
	7.4	11.5	0.2									

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			
Oct 31, 2012	12:26	7.7	2.0	1.2	<u>57</u>	1.1	<u>36</u>	25	<u>53</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)
	1.0	6.4	10.5	7.6	6.4	10.4						
	2.0	6.4	10.5									
	3.0	6.4	10.5									
	4.0	6.4	10.5									
	5.0	6.4	10.4									
	6.0	6.4	10.4									
	6.7	6.4	10.3									
	7.2	6.4	10.4									

(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
BUR STN#1 443033 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 14, 2012	8:55	17.4	2.0	1.8	52	5.6	48	29	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)
	1.0	19.7	8.2	9.0	10.2	4.0	16.9	9.5	1.0			
	2.0	19.7	8.2	10.0	9.9	3.7	17.3	9.7	0.3			
	3.0	19.6	8.2	11.0	9.7	3.5						
	4.0	19.5	8.1	12.0	9.7	3.3						
	5.0	18.8	7.6	13.0	9.6	3.1						
	6.0	15.6	6.0	14.0	9.5	2.9						
	7.0	13.3	5.0	15.0	9.5	2.7						
	8.0	11.9	4.4	16.4	9.5	2.6						

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 5, 2012	10:13	17.7	2.0	2.1	49	9.0	51	29	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)
	1.0	25.9	7.6	9.0	12.1	1.4	16.7	10.1	0.7			
	2.0	25.6	7.5	10.0	11.3	1.3	17.2	10.3	0.6			
	3.0	25.1	7.1	11.0	10.8	1.2	17.6	10.5	0.3			
	4.0	22.1	5.6	12.0	10.6	1.2						
	5.0	19.4	4.2	13.0	10.4	1.0						
	6.0	17.3	3.2	14.0	10.2	0.9						
	7.0	14.4	1.9	15.0	10.1	0.8						
	8.0	12.8	1.6	16.0	10.1	0.7						

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			
Aug 7, 2012	10:28	17.8	2.0	2.4	47	3.5⁽³⁾	44	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)
	1.0	23.5	7.5	9.0	11.7	0.2	16.8	10.4	0.3			
	2.0	23.3	7.4	10.0	11.4	0.2	17.3	10.3	0.3			
	3.0	23.1	7.0	11.0	11.1	0.2	17.7	10.6	0.3			
	4.0	22.9	7.0	12.0	10.6	0.2						
	5.0	22.2	5.6	13.0	10.5	0.2						
	6.0	20.5	2.3	14.0	10.5	0.2						
	7.0	15.1	0.2	15.0	10.5	0.2						
	8.0	12.7	0.2	16.0	10.4	0.2						

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			
Oct 31, 2012	10:52	17.4	2.0	2.5	47	2.1	40	34	55			
	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	7.3	10.4	9.0	7.3	10.3	16.4	7.3	10.1			
	2.0	7.3	10.4	10.0	7.3	10.2	16.9	7.3	10.0			
	3.0	7.3	10.3	11.0	7.3	10.2	17.3	7.2	9.9			
	4.0	7.3	10.3	12.0	7.3	10.2						
	5.0	7.3	10.3	13.0	7.3	10.1						
	6.0	7.3	10.3	14.0	7.3	10.1						
	7.0	7.3	10.3	15.0	7.3	10.1						
	8.0	7.3	10.3	16.0	7.3	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
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 12, 2012	14:50	9.5	2.0	4.6	<u>38</u>	3.6	<u>44</u>	16	<u>50</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)
	1.0	21.1	6.1	8.4	9.6	0.3						
	2.0	21.0	6.3	9.0	9.6	0.3						
	3.0	20.8	6.2	9.4	9.9	0.4						
	4.0	19.4	6.5									
	5.0	16.0	3.7									
	6.0	13.5	0.4									
	7.0	10.5	0.2									
	8.0	10.0	0.3									

Jul 5, 2012	14:03	10.1	2.0	4.1	<u>40</u>	3.0	<u>43</u>	14	<u>49</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)
	1.0	27.2	8.2	9.1	10.2	0.2						
	2.0	26.2	8.4	9.6	10.1	0.3						
	3.0	25.0	8.2	10.0	10.2	0.3						
	4.0	22.2	7.4									
	5.0	17.7	2.3									
	6.0	15.1	0.3									
	7.0	11.5	0.2									
	8.0	10.5	0.2									

Aug 7, 2012	14:09	10.1	2.0	4.0	<u>40</u>	1.3	<u>37</u>	15	<u>49</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)
	1.0	24.4	8.1	9.1	10.3	0.3						
	2.0	24.1	8.0	9.6	10.4	0.3						
	3.0	23.8	7.9	10.0	11.7	0.4						
	4.0	23.3	7.5									
	5.0	21.5	3.5									
	6.0	16.2	0.2									
	7.0	13.1	0.2									
	8.0	11.1	0.2									

Oct 18, 2012	13:30	10.1	2.0	1.8	<u>52</u>	16.0	<u>56</u>	29	<u>54</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)
	1.0	9.1	10.0	9.1	8.8	9.0						
	2.0	9.1	10.0	9.6	8.8	8.9						
	3.0	9.1	9.9	10.0	8.8	8.7						
	4.0	9.0	9.8									
	5.0	9.0	9.7									
	6.0	8.9	9.6									
	7.0	8.9	9.4									
	8.0	8.8	9.1									

(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

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 13, 2012	8:49	28.5	2.0	6.4	33	1.9	39	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)
	1.0	19.3	9.0	9.0	13.8	8.5	17.0	7.3	8.3	25.0	6.7	6.7
	2.0	19.3	9.0	10.0	11.5	8.3	18.0	7.1	8.2	26.0	6.6	5.9
	3.0	19.3	8.9	11.0	10.6	8.3	19.0	7.0	8.0	27.0	6.6	5.3
	4.0	19.3	9.0	12.0	9.3	8.5	20.0	6.9	8.1	27.5	6.6	5.2
	5.0	19.2	8.9	13.0	8.2	8.6	21.0	6.9	7.9	28.0	6.6	4.9
	6.0	18.9	8.9	14.0	7.7	8.6	22.0	6.8	7.7	28.4	6.9	0.5
	7.0	17.9	8.8	15.0	7.5	8.6	23.0	6.7	7.3			
	8.0	17.4	8.8	16.0	7.4	8.5	24.0	6.7	7.0			

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 2, 2012	11:07	28.3	2.0	6.0	34	1.7	39	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)
	1.0	24.3	8.7	9.0	15.4	7.6	17.0	7.0	6.7	25.0	6.7	3.3
	2.0	24.1	8.7	10.0	13.3	7.6	18.0	7.0	6.6	26.0	6.7	3.0
	3.0	23.9	8.7	11.0	10.4	7.3	19.0	6.9	6.1	27.3	6.7	2.9
	4.0	22.8	8.7	12.0	9.3	7.4	20.0	6.8	6.0	27.8	6.7	2.5
	5.0	21.9	8.7	13.0	8.0	7.6	21.0	6.8	5.8	28.2	7.1	0.3
	6.0	21.1	8.6	14.0	7.7	7.5	22.0	6.7	5.5			
	7.0	19.2	8.3	15.0	7.4	7.4	23.0	6.7	4.8			
	8.0	17.2	7.8	16.0	7.2	7.0	24.0	6.7	4.0			

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			
Aug 2, 2012	12:36	28.2	2.0	5.7	35	3.2	44	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)
	1.0	24.3	8.3	9.0	15.2	6.1	17.0	7.2	5.7	25.0	6.8	2.1
	2.0	24.0	8.3	10.0	13.0	5.7	18.0	7.1	5.5	26.0	6.8	1.8
	3.0	24.0	8.2	11.0	10.9	5.3	19.0	7.0	5.0	27.2	6.8	0.8
	4.0	23.9	8.2	12.0	9.8	5.4	20.0	6.9	4.9	27.7	7.0	0.6
	5.0	23.8	8.1	13.0	8.5	5.8	21.0	6.9	4.4	28.1	7.5	0.8
	6.0	23.6	8.0	14.0	8.2	5.8	22.0	6.9	3.8			
	7.0	23.0	7.8	15.0	7.9	5.6	23.0	6.8	3.4			
	8.0	19.2	6.8	16.0	7.5	5.6	24.0	6.8	2.9			

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 24, 2012	12:13	28.0	2.0	4.9	37	9.8	52	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)
	1.0	10.6	9.9	9.0	9.9	8.8	17.0	8.8	4.4	25.0	6.8	0.5
	2.0	10.4	9.8	10.0	9.9	8.7	18.0	8.6	3.4	26.0	6.7	0.5
	3.0	10.2	9.6	11.0	9.8	8.7	19.0	7.6	1.5	27.0	6.8	0.5
	4.0	10.1	9.5	12.0	9.8	8.6	20.0	7.2	0.6	27.5	6.8	0.5
	5.0	10.0	9.2	13.0	9.7	8.4	21.0	7.1	0.5	27.9	6.8	0.6
	6.0	9.9	9.0	14.0	9.7	8.0	22.0	7.0	0.4			
	7.0	9.9	8.9	15.0	9.5	7.3	23.0	7.0	0.4			
	8.0	9.9	8.9	16.0	9.3	6.4	24.0	6.8	0.4			

(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 13, 2012	10:01	17.6	2.0	4.1	40	4.9	47	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)
	1.0	20.1	8.4	9.0	19.4	7.4	16.6	9.0	0.3			
	2.0	20.1	8.4	10.0	18.5	5.7	17.1	9.1	0.3			
	3.0	20.1	8.4	11.0	16.0	2.0	17.5	9.1	0.4			
	4.0	20.0	8.4	12.0	13.2	2.1						
	5.0	20.0	8.3	13.0	10.0	2.4						
	6.0	19.9	8.3	14.0	9.2	1.3						
	7.0	19.9	8.2	15.0	9.1	0.2						
	8.0	19.8	8.1	16.0	9.0	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			
Jul 2, 2012	11:59	17.6	2.0	4.4	39	4.0	45	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)
	1.0	24.5	8.8	9.0	20.5	2.0	16.6	9.3	0.3			
	2.0	24.2	8.8	10.0	19.4	0.6	17.1	9.4	0.3			
	3.0	23.4	8.7	11.0	17.7	0.2	17.5	9.8	0.3			
	4.0	23.0	8.3	12.0	14.0	0.2						
	5.0	22.8	8.4	13.0	11.2	0.2						
	6.0	22.6	8.2	14.0	10.0	0.2						
	7.0	22.3	7.6	15.0	9.4	0.2						
	8.0	21.5	4.8	16.0	9.3	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, 2012	11:57	17.0	2.0	2.0	50	17.9	57	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)
	1.0	24.6	8.5	9.0	23.4	7.5	16.5	9.5	0.3			
	2.0	24.5	8.5	10.0	19.3	0.2	16.9	9.6	0.3			
	3.0	24.4	8.5	11.0	16.6	0.2						
	4.0	24.4	8.5	12.0	13.2	0.2						
	5.0	24.3	8.4	13.0	11.6	0.2						
	6.0	24.3	8.4	14.0	10.1	0.3						
	7.0	24.1	8.3	15.0	9.6	0.3						
	8.0	23.9	8.1	16.0	9.5	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			
Oct 24, 2012	11:28	17.5	2.0	4.7	38	4.5	46	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)
	1.0	9.1	10.1	9.0	8.3	9.4	16.5	8.2	8.1			
	2.0	9.2	10.0	10.0	8.2	9.2	17.0	8.2	8.0			
	3.0	9.0	10.0	11.0	8.2	9.2	17.4	8.3	7.6			
	4.0	8.8	9.9	12.0	8.2	9.1						
	5.0	8.7	9.8	13.0	8.2	9.0						
	6.0	8.6	9.8	14.0	8.2	8.9						
	7.0	8.4	9.5	15.0	8.2	8.5						
	8.0	8.2	9.3	16.0	8.2	8.2						

(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
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 4, 2012	10:43	11.5	2.0	0.9	62	45.4	64	78	62

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	19.5	9.5	9.0	18.6	7.1						
2.0	19.5	9.5	10.0	18.5	7.0						
3.0	19.4	9.4	10.5	18.5	7.0						
4.0	19.4	9.3	11.0	18.6	6.8						
5.0	19.1	8.4	11.4	18.5	6.5						
6.0	19.1	8.3									
7.0	18.8	7.8									
8.0	18.6	7.3									

Jul 16, 2012	10:32	11.0	2.0	0.5	70	88.0	69	104	64
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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	27.7	8.3	9.0	20.9	0.2						
2.0	27.6	8.1	10.0	20.7	0.2						
3.0	27.6	7.9	10.5	20.6	0.2						
4.0	26.6	2.0	10.9	20.6	0.3						
5.0	26.4	1.7									
6.0	23.4	0.2									
7.0	22.2	0.2									
8.0	21.4	0.2									

Aug 13, 2012	10:28	10.6	2.0	0.5	70	50.0	64	134 ⁽²⁾	66
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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	22.6	6.6	9.0	22.0	4.6						
2.0	22.5	6.1	9.6	21.9	4.2						
3.0	22.5	6.1	10.0	21.7	4.0						
4.0	22.5	5.9	10.5	21.5	0.2						
5.0	22.5	5.8									
6.0	22.4	5.7									
7.0	22.3	5.3									
8.0	22.0	4.8									

Oct 9, 2012	11:21	9.3	2.0	0.9	62	41.3	63	86	63
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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	10.7	10.2	8.8	10.7	10.1						
2.0	10.7	10.2	9.2	10.7	9.9						
3.0	10.7	10.2									
4.0	10.7	10.2									
5.0	10.7	10.1									
6.0	10.7	10.1									
7.0	10.7	10.1									
8.3	10.7	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
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 4, 2012	9:19	6.6	2.0	0.7	65	103.0	70	173	68

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	20.7	11.9									
2.0	20.1	10.3									
3.0	20.1	9.6									
4.0	19.4	7.5									
5.0	19.0	6.2									
5.6	19.0	6.3									
6.1	19.0	5.7									
6.5	18.9	4.6									

Jul 16, 2012	9:46	6.0	2.0	0.4	73	127.0	71	245	71
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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	28.4	12.2									
2.0	28.2	11.8									
3.0	26.0	0.2									
4.0	24.0	0.2									
5.0	23.5	0.2									
5.5	23.5	0.2									
5.9	23.1	0.2									

Aug 13, 2012	8:56	5.6	2.0	0.3	77	118.0	71	213 ⁽²⁾	70
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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	22.1	5.0									
2.0	22.1	5.0									
3.0	22.0	5.8									
4.0	22.0	5.0									
4.6	21.9	4.1									
5.0	21.8	3.0									
5.5	21.7	1.7									

Oct 9, 2012	9:33	4.2	2.0	0.5	70	136.0	72	200	69
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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	8.9	11.3									
2.0	8.9	11.3									
3.2	8.9	11.3									
3.7	8.9	11.3									
4.1	9.0	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
EP3 3.0 EAU PLEINE RESERVOIR - Mile 3.0

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 4, 2012	10:16	10.2	2.0	0.5	70	123.0	71	138	66

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	20.4	13.8	9.2	18.8	6.4						
2.0	19.8	9.7	9.7	18.8	6.3						
3.0	19.7	9.4	10.1	18.8	6.1						
4.0	19.6	9.0									
5.0	19.3	8.5									
6.0	19.0	7.1									
7.0	18.8	6.5									
8.0	18.8	6.4									

Jul 16, 2012	11:03	10.1	2.0	0.4	73	152.0	73	147	67
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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	28.6	11.3	9.1	20.9	0.2						
2.0	28.4	10.8	9.6	20.8	0.2						
3.0	27.6	6.5	10.0	20.6	0.2						
4.0	26.6	2.7									
5.0	25.1	0.2									
6.0	22.9	0.2									
7.0	21.7	0.2									
8.0	21.3	0.2									

Aug 13, 2012	10:00	9.5	2.0	0.6	67	59.3	66	137 ⁽²⁾	66
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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	22.6	5.6	8.5	21.7	2.3						
2.0	22.6	5.2	9.0	21.7	1.6						
3.0	22.6	5.2	9.4	21.6	0.3						
4.0	22.6	5.0									
5.0	22.6	5.0									
6.0	22.5	4.7									
7.0	22.3	2.9									
8.0	21.7	2.8									

(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
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 4, 2012	9:50	7.6	2.0	0.6	<u>67</u>	86.0	<u>68</u>	128	<u>66</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)
	1.0	19.5	9.7	7.5	18.9	6.6						
	2.0	19.4	9.1									
	3.0	19.3	8.9									
	4.0	19.2	8.8									
	5.0	19.0	7.5									
	6.0	18.9	7.2									
	6.6	18.9	6.8									
	7.1	18.9	6.6									

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, 2012	11:29	7.5	2.0	0.7	<u>65</u>	54.2⁽³⁾	<u>65</u>	122	<u>65</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)
	1.0	27.1	4.6	7.4	21.7	0.2						
	2.0	26.8	3.4									
	3.0	26.0	0.3									
	4.0	25.7	0.1									
	5.0	24.3	0.1									
	6.0	22.8	0.2									
	6.5	22.4	0.2									
	7.0	22.0	0.2									

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			
Aug 13, 2012	9:24	7.2	2.0	0.4	<u>73</u>	112.0	<u>70</u>	168⁽²⁾	<u>68</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)
	1.0	22.1	8.2									
	2.0	22.1	8.1									
	3.0	22.1	7.8									
	4.0	22.1	7.7									
	5.0	22.0	7.0									
	6.2	22.0	5.7									
	6.8	21.9	3.6									
	7.1	21.8	1.6									

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			
Oct 9, 2012	10:30	5.4	2.0	0.9	<u>62</u>	110.0	<u>70</u>	120	<u>65</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)
	1.0	9.9	11.2									
	2.0	9.9	11.1									
	3.0	9.8	11.2									
	4.0	9.8	11.0									
	4.4	9.7	11.0									
	4.9	9.7	11.0									
	5.3	9.7	10.9									

(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
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 12, 2012	12:08	4.5	2.0	> 3.7	41	3.8	45	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)
1.0	21.3	8.2									
2.0	21.0	8.3									
3.0	20.8	8.4									
3.5	20.8	8.2									
4.0	19.9	0.4									
4.4	20.4	0.7									

Jul 2, 2012	16:01	4.5	2.0	3.8	41	5.9	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)
1.0	28.1	9.7									
2.0	27.9	9.7									
3.0	25.5	8.9									
3.5	25.1	9.2									
4.0	24.9	8.8									
4.4	22.7	1.8									

Aug 2, 2012	9:37	5.2	2.0	3.1	44	10.3	52	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)
1.0	24.6	8.9									
2.0	24.5	8.9									
3.0	24.4	8.9									
4.2	24.2	8.2									
4.7	23.8	5.0									
5.1	23.1	0.3									

Oct 24, 2012	14:44	4.5	2.0	3.1	44	8.0	51	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)
1.0	10.6	10.8									
2.0	10.4	10.4									
3.0	10.2	9.2									
3.5	10.0	9.2									
4.0	10.1	3.2									
4.4	11.1	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
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 21, 2012	14:15	6.8	2.0	2.3	48	11.9	54	31	55			
	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	22.8	8.7									
	2.0	22.7	8.7									
	3.0	22.7	8.5									
	4.0	22.6	8.3									
	5.0	19.8	0.1									
	5.8	18.8	0.2									
	6.3	17.1	0.2									
	6.7	17.0	0.2									

Jul 9, 2012	14:54	6.7	2.0	1.5	54	20.6	58	34	55			
	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	27.2	9.5									
	2.0	27.2	9.5									
	3.0	26.2	8.3									
	4.0	24.0	2.9									
	5.0	20.4	1.3									
	5.7	19.3	0.2									
	6.2	18.9	0.2									
	6.6	18.5	0.3									

Aug 14, 2012	15:14	6.4	2.0	1.9	51	47.5	64	34	55			
	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	22.9	11.0									
	2.0	22.3	10.5									
	3.0	21.4	6.1									
	4.0	21.0	3.1									
	5.0	20.8	0.5									
	5.4	20.5	0.3									
	5.9	20.3	0.3									
	6.3	19.4	0.3									

Nov 1, 2012	13:42	6.6	2.0	1.8	52	24.3	59	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)
	1.0	5.4	11.1									
	2.0	5.4	11.0									
	3.0	5.4	11.0									
	4.0	5.4	10.9									
	5.0	5.4	10.8									
	5.6	5.4	10.5									
	6.1	5.3	9.6									
	6.5	6.4	0.9									

(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
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 21, 2012	14:37	17.6	2.0	4.1	40	4.7	46	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)
	1.0	22.4	8.8	9.0	9.3	0.3	16.6	8.5	0.3			
	2.0	22.3	8.8	10.0	8.9	0.2	17.1	8.7	0.2			
	3.0	22.0	8.7	11.0	8.8	0.2	17.5	8.9	0.3			
	4.0	21.2	8.8	12.0	8.8	0.2						
	5.0	18.5	9.1	13.0	8.6	0.2						
	6.0	14.6	10.4	14.0	8.6	0.2						
	7.0	11.7	10.1	15.0	8.5	0.2						
	8.0	9.9	3.3	16.0	8.5	0.2						

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, 2012	15:17	16.5	2.0	4.2	39	3.8	45	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)
	1.0	26.8	8.7	9.0	10.2	0.2	16.0	8.7	0.3			
	2.0	26.7	8.6	10.0	9.3	0.2	16.4	9.7	0.4			
	3.0	26.2	8.7	11.0	8.9	0.2						
	4.0	25.8	8.7	12.0	8.8	0.2						
	5.0	21.2	11.4	13.0	8.7	0.2						
	6.0	16.1	11.4	14.0	8.6	0.2						
	7.0	12.4	9.3	15.0	8.6	0.2						
	8.0	11.0	1.6	15.5	8.7	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 14, 2012	15:39	15.8	2.0	2.5	47	11.5	53	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)
	1.0	22.9	9.6	9.0	9.9	0.3	15.7	9.4	0.5			
	2.0	22.3	9.9	10.0	9.0	0.3						
	3.0	22.0	9.8	11.0	8.8	0.3						
	4.0	21.6	9.0	12.0	8.7	0.3						
	5.0	21.2	8.3	13.0	8.8	0.3						
	6.0	19.3	6.3	14.0	8.7	0.4						
	7.0	14.4	1.7	14.8	8.8	0.4						
	8.0	11.5	0.5	15.3	8.9	0.4						

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			
Nov 1, 2012	13:13	16.1	2.0	4.4	39	7.7	50	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)
	1.0	7.5	9.0	9.0	7.4	8.7	16.0	7.1	0.9			
	2.0	7.5	9.0	10.0	7.4	8.6						
	3.0	7.5	8.9	11.0	7.4	8.6						
	4.0	7.5	8.9	12.0	7.3	8.5						
	5.0	7.5	8.8	13.0	7.2	8.5						
	6.0	7.5	8.8	14.0	6.9	8.4						
	7.0	7.5	8.8	15.1	6.9	7.8						
	8.0	7.5	8.7	15.6	7.0	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
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 13, 2012	11:11	10.3	2.0	2.5	47	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)	Depth (m)	Temp (°C)	DO (mg/l)
	1.0	19.9	8.3	9.3	19.3	7.7						
	2.0	19.8	8.3	9.8	19.3	7.5						
	3.0	19.7	8.3	10.2	19.4	5.8						
	4.0	19.7	8.3									
	5.0	19.6	8.0									
	6.0	19.5	7.6									
	7.0	19.4	7.8									
	8.0	19.3	7.8									

Jul 2, 2012	13:12	12.5	2.0	2.2	49	6.6	49	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)
	1.0	24.4	8.8	9.0	22.5	5.7						
	2.0	23.6	8.6	10.0	22.5	5.8						
	3.0	23.1	7.8	11.0	22.4	4.9						
	4.0	22.9	7.2	11.5	22.3	4.4						
	5.0	22.8	6.6	12.0	22.3	4.9						
	6.0	22.7	6.4	12.4	22.3	3.9						
	7.0	22.6	6.2									
	8.0	22.6	5.9									

Aug 2, 2012	13:42	12.0	2.0	2.2	49	8.6	51	29	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)
	1.0	24.6	8.3	9.0	23.7	6.7						
	2.0	24.5	8.3	10.0	23.7	6.6						
	3.0	24.3	8.1	11.0	23.3	4.5						
	4.0	24.1	7.9	11.5	23.2	4.2						
	5.0	24.1	7.8	11.9	23.1	3.1						
	6.0	24.0	7.6									
	7.0	23.9	7.4									
	8.0	23.8	7.1									

Oct 24, 2012	10:20	12.4	2.0	3.3	43	6.3	49	24	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)
	1.0	9.1	10.7	9.0	8.7	10.4						
	2.0	9.0	10.7	10.0	8.8	10.3						
	3.0	8.8	10.6	11.0	8.8	10.3						
	4.0	8.7	10.6	11.4	8.8	10.3						
	5.0	8.7	10.5	11.9	8.9	10.2						
	6.0	8.7	10.5	12.3	9.0	10.0						
	7.0	8.7	10.5									
	8.0	8.7	10.5									

(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 - Kawaguesaga 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 25, 2012	13:35	12.3	2.0	4.0	40	3.6	44	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)
	1.0	22.3	8.7	9.0	14.6	0.2						
	2.0	21.8	8.7	10.0	12.7	0.2						
	3.0	21.6	8.6	11.3	11.1	0.2						
	4.0	21.6	8.6	11.8	10.9	0.2						
	5.0	21.2	8.0	12.2	10.7	0.3						
	6.0	20.2	5.3									
	7.0	18.9	2.2									
	8.0	15.8	0.2									

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, 2012	13:59	13.2	2.0	4.7	38	4.0	45	17	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)
	1.0	26.7	8.2	9.0	14.5	0.2						
	2.0	26.3	8.1	10.0	13.1	0.2						
	3.0	25.9	8.1	11.0	12.2	0.2						
	4.0	25.7	8.0	12.2	11.3	0.2						
	5.0	24.4	7.3	12.7	11.2	0.2						
	6.0	21.9	5.7	13.1	11.1	0.3						
	7.0	19.2	0.6									
	8.0	17.2	0.7									

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			
Aug 14, 2012	13:09	13.3	2.0	3.0	44	5.4⁽³⁾	48	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)
	1.0	22.9	8.8	9.0	15.4	0.2						
	2.0	22.6	8.9	10.0	13.2	0.3						
	3.0	22.2	8.8	11.0	12.2	0.3						
	4.0	22.1	8.4	12.3	11.7	0.3						
	5.0	22.0	7.8	12.8	11.6	0.3						
	6.0	21.7	6.8	13.2	11.5	0.3						
	7.0	21.2	5.5									
	8.0	18.0	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			
Oct 17, 2012	13:13	12.7	2.0	4.0	40	7.5	50	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)
	1.0	9.4	9.8	9.0	9.2	9.1						
	2.0	9.3	9.7	10.0	9.1	8.9						
	3.0	9.3	9.6	11.0	9.1	8.8						
	4.0	9.3	9.6	11.7	9.1	8.8						
	5.0	9.2	9.4	12.2	9.1	8.8						
	6.0	9.2	9.2	12.6	9.2	8.7						
	7.0	9.2	9.2									
	8.0	9.2	9.2									

(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
MIN LLTM#1 443133 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 26, 2012	13:20	15.3	2.0	5.3	36	1.5	38	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)
	1.0	22.7	9.1	9.0	10.9	6.7						
	2.0	22.6	9.2	10.0	10.4	4.5						
	3.0	22.5	9.1	11.0	10.1	3.2						
	4.0	22.2	9.2	12.0	9.6	1.2						
	5.0	21.5	9.3	13.0	9.4	0.2						
	6.0	18.6	10.1	14.3	9.3	0.2						
	7.0	14.4	10.9	14.8	9.3	0.3						
	8.0	12.0	9.1	15.2	9.8	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			
Jul 10, 2012	11:19	13.8	2.0	6.6	33	1.7	39	11	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)
	1.0	26.1	8.4	9.0	11.7	5.6						
	2.0	25.9	8.4	10.0	10.6	2.2						
	3.0	25.8	8.3	11.0	10.0	0.3						
	4.0	25.5	8.3	12.0	9.8	0.3						
	5.0	23.5	9.7	12.8	9.7	0.3						
	6.0	19.4	10.5	13.3	9.7	0.3						
	7.0	16.0	10.6	13.7	10.0	0.4						
	8.0	13.2	8.6									

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			
Aug 8, 2012	15:22	14.2	2.0	6.1	34	2.9	43	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)
	1.0	23.7	8.4	9.0	11.9	2.0						
	2.0	23.6	8.4	10.0	10.9	0.4						
	3.0	23.6	8.4	11.0	10.1	0.3						
	4.0	23.4	8.4	12.0	9.8	0.3						
	5.0	23.2	8.4	13.2	9.5	0.4						
	6.0	22.2	8.6	13.7	9.5	0.4						
	7.0	17.2	9.4	14.1	9.5	0.4						
	8.0	14.3	6.6									

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			
Oct 31, 2012	15:46	13.4	2.0	4.0	40	1.8	39	17	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)
	1.0	8.7	9.6	9.0	8.4	9.5						
	2.0	8.7	9.6	10.0	8.3	9.4						
	3.0	8.6	9.6	11.0	8.3	9.4						
	4.0	8.6	9.5	12.0	8.3	9.4						
	5.0	8.5	9.5	12.4	8.2	9.3						
	6.0	8.5	9.5	12.9	8.2	9.3						
	7.0	8.4	9.5	13.3	8.2	9.3						
	8.0	8.4	9.5									

(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 26, 2012	14:06	22.7	2.0	5.3	36	1.8	39	11	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)
	1.0	22.0	9.2	9.0	17.9	8.7	17.0	9.4	4.1			
	2.0	21.8	9.3	10.0	14.8	8.1	18.0	9.3	3.9			
	3.0	21.4	9.4	11.0	12.3	7.6	19.0	9.2	3.4			
	4.0	21.0	9.4	12.0	11.0	6.7	20.0	9.1	2.0			
	5.0	20.8	9.4	13.0	10.4	5.7	21.0	9.1	1.6			
	6.0	20.7	9.3	14.0	10.1	5.4	21.7	9.1	1.2			
	7.0	19.9	9.4	15.0	9.9	5.0	22.2	9.1	0.8			
	8.0	19.3	9.2	16.0	9.7	5.0	22.6	9.5	0.4			

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 10, 2012	11:50	22.7	2.0	7.3	31	2.2	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)
	1.0	25.5	8.4	9.0	17.5	8.9	17.0	9.8	2.9			
	2.0	25.3	8.4	10.0	14.8	7.6	18.0	9.6	2.4			
	3.0	25.1	8.5	11.0	13.0	6.6	19.0	9.6	2.3			
	4.0	24.9	8.5	12.0	11.6	5.5	20.0	9.5	1.5			
	5.0	24.4	8.9	13.0	10.8	4.3	21.0	9.4	1.1			
	6.0	23.5	9.4	14.0	10.5	3.8	21.7	9.3	0.6			
	7.0	21.5	9.6	15.0	10.1	3.5	22.2	9.4	0.5			
	8.0	19.6	9.4	16.0	10.0	3.4	22.6	9.4	0.4			

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			
Aug 8, 2012	15:46	22.6	2.0	6.0	34	2.4	41	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)
	1.0	23.3	8.6	9.0	19.0	8.2	17.0	10.1	0.8			
	2.0	23.3	8.5	10.0	15.2	6.5	18.0	10.0	0.7			
	3.0	23.2	8.5	11.0	13.6	5.4	20.0	9.9	0.5			
	4.0	23.2	8.5	12.0	12.0	3.5	21.0	9.6	0.3			
	5.0	23.2	8.5	13.0	11.1	2.5	21.6	9.5	0.3			
	6.0	23.1	8.4	14.0	11.0	2.3	22.1	9.4	0.3			
	7.0	23.1	8.3	15.0	10.6	1.2	22.5	9.7	0.4			
	8.0	22.6	8.3	16.0	10.3	1.0						

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			
Nov 1, 2012	10:09	22.3	2.0	4.7	38	4.5	46	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)
	1.0	8.8	9.8	9.0	8.8	9.7	17.0	8.8	9.5			
	2.0	8.8	9.8	10.0	8.8	9.6	18.0	8.8	9.4			
	3.0	8.8	9.7	11.0	8.8	9.6	19.0	8.8	9.4			
	4.0	8.8	9.7	12.0	8.8	9.6	20.0	8.7	9.3			
	5.0	8.8	9.7	13.0	8.8	9.6	21.3	8.8	9.2			
	6.0	8.8	9.7	14.0	8.8	9.6	21.8	8.8	9.0			
	7.0	8.8	9.7	15.0	8.8	9.5	22.2	8.9	0.7			
	8.0	8.8	9.6	16.0	8.8	9.5						

(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
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 12, 2012	13:00	1.8	1.8	> 1.8	<u>52</u>	6.0	<u>48</u>	25	<u>53</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)
1.0	19.9	8.2									
1.3	19.9	8.1									
1.7	20.0	1.0									

Jul 5, 2012	15:49	1.7	1.7	> 1.7	<u>52</u>	9.1	<u>52</u>	43	<u>57</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)
0.7	30.1	7.4									
1.2	29.8	7.2									
1.6	29.1	1.5									

Aug 7, 2012	15:45	1.6	1.6	> 1.6	<u>53</u>	2.9⁽³⁾	<u>43</u>	24	<u>53</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)
1.0	24.3	9.3									
1.5	24.0	1.4									

Oct 18, 2012	15:38	1.6	1.6	> 1.6	<u>53</u>	9.9	<u>52</u>	22	<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)
0.6	8.8	11.3									
1.0	8.8	11.2									
1.5	8.8	10.4									

(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
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 12, 2012	10:27	4.8	2.0	1.2	<u>57</u>	14.7	<u>55</u>	28	<u>54</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)
	1.0	20.7	7.6									
	2.0	20.6	7.3									
	3.0	20.5	7.1									
	3.8	19.8	5.3									
	4.3	17.1	0.6									
	4.7	16.7	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			
Jul 9, 2012	11:35	4.8	2.0	1.3	<u>56</u>	14.7	<u>55</u>	33	<u>55</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)
	1.0	26.3	6.5									
	2.0	25.7	5.9									
	3.0	24.0	1.3									
	3.8	21.3	0.1									
	4.3	20.0	0.2									
	4.7	19.0	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 8, 2012	12:30	4.7	2.0	1.4	<u>55</u>	13.3	<u>54</u>	36	<u>56</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)
	1.0	23.3	7.2									
	2.0	23.3	7.2									
	3.0	23.2	6.7									
	3.7	22.9	4.8									
	4.2	22.5	3.9									
	4.6	21.4	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			
Oct 18, 2012	11:27	4.7	2.0	1.4	<u>55</u>	13.1	<u>54</u>	29	<u>54</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)
	1.0	8.5	10.9									
	2.0	8.3	10.8									
	3.0	8.0	10.6									
	3.2	8.0	10.4									
	3.7	8.0	10.5									
	4.6	7.9	10.3									

(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
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 12, 2012	9:51	3.5	2.0	1.2	<u>57</u>	10.2	<u>52</u>	36	<u>56</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)
	1.0	20.8	7.7									
	2.0	20.8	7.7									
	2.5	20.8	7.7									
	3.0	20.8	7.7									
	3.4	20.7	7.5									

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, 2012	10:59	3.7	2.0	1.0	<u>60</u>	14.7	<u>55</u>	42	<u>57</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)
	1.0	25.5	5.8									
	2.0	25.4	5.7									
	2.7	23.1	1.4									
	3.2	22.6	0.2									
	3.6	22.4	0.2									

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			
Aug 8, 2012	12:52	3.3	2.0	0.9	<u>62</u>	10.4	<u>53</u>	50	<u>58</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)
	1.0	22.7	6.4									
	2.3	22.5	6.3									
	2.8	22.5	6.1									
	3.2	22.0	5.0									

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			
Oct 18, 2012	10:54	3.1	2.0	1.3	<u>56</u>	3.1	<u>43</u>	49	<u>58</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)
	1.0	8.6	10.3									
	2.1	8.6	10.3									
	2.6	8.6	10.3									
	3.0	8.6	10.2									

(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
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 21, 2012	15:37	6.0	2.0	3.0	<u>44</u>	5.9	<u>48</u>	31	<u>55</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)
1.0	22.4	8.2									
2.0	22.4	8.1									
3.0	22.3	8.0									
4.0	22.2	7.7									
5.0	21.6	0.1									
5.5	20.3	0.1									
5.9	20.3	0.2									

Jul 10, 2012	10:14	5.7	2.0	2.5	<u>47</u>	14.1	<u>55</u>	23	<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)
1.0	26.3	9.2									
2.0	26.1	8.9									
3.0	26.0	8.7									
4.0	25.8	7.9									
4.7	24.9	5.3									
5.2	23.8	1.3									
5.6	22.6	0.3									

Aug 15, 2012	14:49	5.7	2.0	0.8	<u>63</u>	36.1	<u>62</u>	86	<u>63</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)
1.0	22.2	11.6									
2.0	22.1	11.4									
3.0	21.7	9.1									
4.0	21.0	4.6									
4.7	21.0	4.2									
5.2	20.9	3.7									
5.6	21.1	0.3									

Oct 31, 2012	14:48	5.9	2.0	5.5	<u>35</u>	1.1	<u>36</u>	30	<u>54</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)
1.0	6.3	10.4									
2.0	6.3	10.3									
3.0	6.3	10.2									
4.0	6.3	10.2									
4.9	6.3	10.1									
5.4	6.3	10.0									
5.8	6.4	9.2									

(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 13, 2012	16:00	6.3	2.0	2.3	48	5.3	47	29	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)
1.0	21.0	7.9									
2.0	20.9	7.9									
3.0	20.7	7.6									
4.0	20.5	7.5									
5.3	20.4	7.4									
5.8	20.4	7.2									
6.2	20.3	6.6									

Jul 19, 2012	13:31	6.1	2.0	1.0	60	24.2	59	43	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)
1.0	25.4	7.2									
2.0	24.7	6.9									
3.0	24.7	6.7									
4.0	24.6	6.7									
5.1	24.0	6.4									
5.6	23.8	6.5									
6.0	22.9	1.2									

Aug 15, 2012	15:40	6.2	2.0	0.9	62	31.2	61	45	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)
1.0	22.3	11.1									
2.0	22.1	10.9									
3.0	20.9	7.6									
4.0	20.8	6.7									
5.1	20.6	5.0									
5.6	20.6	4.9									
6.1	20.6	4.1									

Oct 10, 2012	15:54	4.8	2.0	1.6	53	9.0	51	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)
1.0	7.3	10.5									
2.0	7.3	10.5									
3.0	7.3	10.5									
3.8	7.3	10.5									
4.3	7.3	10.4									
4.7	7.3	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
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 20, 2012	12:16	5.0	2.0	1.8	<u>52</u>	11.2	<u>53</u>	30	<u>54</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)
	1.0	22.2	8.9									
	2.0	21.6	8.6									
	3.0	21.0	7.6									
	4.0	20.3	6.1									
	4.5	20.2	5.9									
	4.9	20.3	6.0									

Jul 18, 2012	11:18	5.5	2.0	0.9	<u>62</u>	40.1	<u>63</u>	51	<u>59</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)
	1.0	26.1	7.1									
	2.0	26.1	7.0									
	3.0	26.0	7.0									
	4.0	26.0	6.9									
	4.5	24.6	0.1									
	5.0	24.1	0.1									
	5.4	23.8	0.2									

Aug 15, 2012	12:38	5.2	2.0	1.0	<u>60</u>	30.2	<u>61</u>	50	<u>58</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)
	1.0	21.6	9.3									
	2.0	21.0	6.4									
	3.0	21.0	6.4									
	4.2	21.0	6.4									
	4.7	21.0	6.3									
	5.1	21.0	6.1									

Oct 15, 2012	13:05	3.3	2.0	2.2	<u>49</u>	2.8	<u>43</u>	42	<u>57</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)
	1.0	6.7	10.9									
	1.6	6.7	10.9									
	2.3	6.7	10.9									
	2.8	6.7	10.9									
	3.2	6.7	10.9									

(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 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 20, 2012	11:30	17.5	2.0	4.1	40	3.3	44	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)
	1.0	22.4	9.0	9.0	10.0	2.4	16.5	8.8	0.3			
	2.0	22.2	9.0	10.0	10.0	2.3	17.0	8.8	0.3			
	3.0	20.6	9.2	11.0	9.7	1.0	17.4	8.8	0.3			
	4.0	19.9	8.9	12.0	9.3	0.2						
	5.0	17.7	8.9	13.0	9.1	0.2						
	6.0	13.9	9.4	14.0	8.9	0.2						
	7.0	12.0	7.8	15.0	8.8	0.2						
	8.0	10.6	3.5	16.0	8.8	0.2						

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 18, 2012	10:07	17.6	2.0	4.5	38	2.8	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)
	1.0	26.9	8.0	9.0	11.0	0.9	16.6	8.7	0.2			
	2.0	26.7	7.9	10.0	10.0	0.2	17.1	8.7	0.2			
	3.0	26.4	8.0	11.0	9.5	0.2	17.5	8.8	0.3			
	4.0	24.4	9.6	12.0	9.0	0.2						
	5.0	19.7	10.0	13.0	8.9	0.2						
	6.0	15.2	8.7	14.0	8.9	0.2						
	7.0	12.3	4.4	15.0	8.8	0.2						
	8.0	11.1	1.1	16.0	8.8	0.2						

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			
Aug 15, 2012	11:16	16.8	2.0	3.5	42	4.3	46	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)
	1.0	22.4	8.9	9.0	9.8	0.2	16.3	8.7	0.3			
	2.0	22.1	8.7	10.0	9.4	0.2	16.7	8.8	0.3			
	3.0	21.9	8.7	11.0	9.1	0.2						
	4.0	21.4	8.6	12.0	8.9	0.2						
	5.0	19.1	9.1	13.0	8.8	0.2						
	6.0	15.0	6.5	14.0	8.8	0.3						
	7.0	12.2	1.7	15.0	8.7	0.3						
	8.0	10.9	0.2	15.8	8.7	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			
Oct 15, 2012	9:42	17.2	2.0	2.4	47	2.3	41	24	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)
	1.0	9.7	7.9	9.0	9.6	7.6	16.7	8.8	0.4			
	2.0	9.7	7.9	10.0	9.6	7.7	17.1	8.7	0.4			
	3.0	9.7	7.9	11.0	9.6	7.6						
	4.0	9.7	7.9	12.0	9.6	7.7						
	5.0	9.7	7.8	13.0	9.6	7.5						
	6.0	9.7	7.9	14.0	9.6	7.3						
	7.0	9.7	7.7	15.0	9.5	7.1						
	8.0	9.6	7.6	16.2	8.9	0.4						

(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
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 20, 2012	11:05	5.3	2.0	2.6	<u>46</u>	9.8	<u>52</u>	26	<u>53</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)
1.0	22.6	8.3									
2.0	22.5	8.2									
3.0	22.2	7.9									
4.3	20.7	4.7									
4.8	20.5	4.0									
5.2	20.3	2.9									

Jul 17, 2012	10:19	5.3	2.0	1.5	<u>54</u>	18.5	<u>57</u>	38	<u>56</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)
1.0	27.1	7.5									
2.0	27.0	7.3									
3.0	26.6	6.7									
4.3	23.8	0.2									
4.8	22.4	0.2									
5.2	21.2	0.2									

Aug 15, 2012	12:14	4.7	2.0	1.1	<u>59</u>	43.2	<u>63</u>	45	<u>58</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)
1.0	22.3	9.2									
2.0	22.0	8.9									
3.0	21.3	4.6									
3.7	21.3	4.1									
4.2	21.2	3.4									
4.6	21.3	2.7									

Oct 15, 2012	10:48	3.5	2.0	2.7	<u>46</u>	9.9	<u>52</u>	31	<u>55</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)
1.0	6.8	9.9									
1.7	6.8	9.8									
2.0	6.7	9.7									
2.5	6.7	9.5									
3.0	6.7	9.2									
3.4	6.9	0.7									

(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 21, 2012	11:55	5.9	2.0	1.6	<u>53</u>	11.6	<u>53</u>	31	<u>55</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)
	1.0	22.2	7.9									
	2.0	22.1	7.8									
	3.0	20.7	5.8									
	4.0	19.4	4.0									
	4.9	18.7	2.1									
	5.4	18.1	1.1									
	5.8	17.7	0.2									

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, 2012	12:47	5.6	2.0	2.0	<u>50</u>	10.3	<u>52</u>	40	<u>57</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)
	1.0	26.4	7.9									
	2.0	26.1	7.8									
	3.0	24.1	2.9									
	4.0	20.6	0.2									
	4.6	19.8	0.2									
	5.1	18.8	0.2									
	5.5	18.4	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 8, 2012	10:13	5.6	2.0	1.6	<u>53</u>	14.9	<u>55</u>	20	<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)
	1.0	23.2	7.3									
	2.0	23.1	7.1									
	3.0	22.8	5.5									
	4.0	22.4	4.3									
	4.6	21.1	0.3									
	5.1	20.1	0.3									
	5.5	18.9	0.4									

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			
Oct 17, 2012	16:00	5.5	2.0	1.5	<u>54</u>	9.0	<u>51</u>	50	<u>58</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)
	1.0	8.2	9.6									
	2.0	8.2	9.6									
	3.0	8.2	9.6									
	4.0	8.2	9.6									
	4.5	8.2	9.6									
	5.0	8.2	9.6									
	5.4	8.3	9.4									

(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
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 21, 2012	12:51	9.9	2.0	2.2	49	11.8	53	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)
	1.0	21.5	8.2	8.9	13.5	0.2						
	2.0	21.3	8.1	9.4	13.1	0.2						
	3.0	21.0	7.8	9.8	13.1	0.2						
	4.0	18.7	4.8									
	5.0	18.4	4.8									
	6.0	17.9	4.3									
	7.0	16.8	2.9									
	8.0	14.7	0.5									

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, 2012	13:24	11.0	2.0	2.5	47	10.8	53	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)
	1.0	26.5	8.2	9.0	15.5	0.2						
	2.0	26.2	8.1	10.0	14.2	0.2						
	3.0	25.4	7.2	10.5	13.8	0.2						
	4.0	23.1	4.4	10.9	14.2	0.2						
	5.0	20.0	1.4									
	6.0	19.2	0.8									
	7.0	18.5	0.6									
	8.0	16.9	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 8, 2012	11:05	10.0	2.0	2.4	47	8.1	51	17	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)
	1.0	23.1	7.1	9.0	15.0	0.2						
	2.0	23.0	7.1	9.5	14.0	0.3						
	3.0	23.0	7.1	9.9	13.8	0.3						
	4.0	22.8	6.9									
	5.0	22.6	6.5									
	6.0	19.9	0.4									
	7.0	16.9	0.2									
	8.0	15.7	0.2									

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			
Oct 17, 2012	15:03	9.6	2.0	2.2	49	9.3	52	35	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)
	1.0	8.2	10.3	8.6	8.9	9.3						
	2.0	9.2	10.1	9.1	8.9	9.1						
	3.0	9.2	10.0	9.5	9.0	7.5						
	4.0	9.1	9.9									
	5.0	9.0	9.9									
	6.0	8.9	9.9									
	7.0	8.9	9.8									
	8.0	8.9	9.8									

(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
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 21, 2012	13:19	6.1	2.0	2.0	<u>50</u>	15.6	<u>56</u>	31	<u>55</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)
1.0	22.1	8.3									
2.0	22.1	8.2									
3.0	22.1	8.2									
4.0	22.1	8.2									
5.1	22.0	7.9									
5.6	21.9	7.9									
6.0	21.9	7.8									

Jul 9, 2012	14:00	6.0	2.0	2.0	<u>50</u>	12.0	<u>54</u>	27	<u>54</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)
1.0	26.5	8.1									
2.0	26.4	8.0									
3.0	25.5	7.1									
4.0	24.2	3.3									
5.0	22.3	0.4									
5.5	21.8	0.2									
5.9	21.6	0.3									

Aug 8, 2012	10:47	7.6	2.0	1.6	<u>53</u>	14.7	<u>55</u>	22	<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)
1.0	23.2	7.6	7.5	22.4	0.4						
2.0	23.2	7.5									
3.0	23.2	7.5									
4.0	23.1	7.1									
5.0	22.9	5.2									
6.0	22.9	4.9									
6.5	22.8	4.4									
7.1	22.7	4.0									

Oct 17, 2012	15:02	5.7	2.0	1.9	<u>51</u>	10.9	<u>53</u>	35	<u>56</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)
1.0	8.4	10.4									
2.0	8.4	10.4									
3.0	8.4	10.4									
4.0	8.2	10.4									
4.7	8.2	10.3									
5.2	8.2	10.3									
5.6	8.2	10.3									

(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
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 12, 2012	13:45	13.1	2.0	4.2	39	7.2	50	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)
1.0	20.3	8.2	9.0	9.8	4.9						
2.0	20.3	8.4	10.0	9.3	3.8						
3.0	20.2	8.3	11.0	9.2	2.7						
4.0	20.1	8.4	12.1	9.0	1.8						
5.0	19.6	8.5	12.6	9.0	0.9						
6.0	16.2	7.4	13.0	9.2	0.3						
7.0	12.7	6.2									
8.0	10.3	5.3									

Jul 5, 2012	15:05	12.7	2.0	4.1	40	4.0	45	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)
1.0	28.0	8.3	9.0	10.6	1.6						
2.0	25.7	8.5	10.0	10.1	1.1						
3.0	24.6	8.3	11.0	10.1	0.8						
4.0	22.6	7.8	11.7	9.9	0.5						
5.0	19.3	5.7	12.2	9.9	0.3						
6.0	16.8	4.4	12.6	10.5	0.3						
7.0	13.3	3.0									
8.0	11.6	2.0									

Aug 7, 2012	15:08	13.1	2.0	3.1	44	2.0	40	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)
1.0	24.0	8.1	9.0	11.0	0.2						
2.0	23.9	8.1	10.0	10.4	0.3						
3.0	23.8	8.0	11.0	10.0	0.3						
4.0	23.7	8.0	12.1	9.9	0.3						
5.0	23.0	7.5	13.0	10.3	0.3						
6.0	19.7	0.9									
7.0	14.7	0.2									
8.0	12.2	0.2									

Oct 18, 2012	14:39	12.5	2.0	2.9	45	11.1	53	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)
1.0	9.3	9.9	9.0	9.1	9.3						
2.0	9.3	9.9	10.0	9.1	9.2						
3.0	9.2	9.8	11.0	9.1	9.2						
4.0	9.2	9.6	11.5	9.1	9.1						
5.0	9.1	9.5	12.0	9.1	8.9						
6.0	9.1	9.6	12.4	9.1	8.5						
7.0	9.1	9.4									
8.0	9.1	9.4									

(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
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 20, 2012	10:13	5.5	2.0	0.9	<u>62</u>	17.1	<u>56</u>	46	<u>58</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)
1.0	22.9	8.1									
2.0	22.7	8.0									
3.0	22.6	7.9									
4.0	20.2	4.7									
4.5	20.1	4.7									
5.0	20.1	4.5									
5.4	19.9	3.7									

Jul 17, 2012	8:42	5.4	2.0	1.5	<u>54</u>	11.4	<u>53</u>	46	<u>58</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)
1.0	27.4	6.1									
2.0	27.3	5.7									
3.0	26.9	5.3									
4.0	22.4	0.2									
4.4	21.7	0.2									
4.9	21.3	0.2									
5.3	20.5	0.2									

Aug 15, 2012	9:44	4.7	2.0	0.8	<u>63</u>	47.2	<u>64</u>	71	<u>61</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)
1.0	22.4	9.3									
2.0	22.1	8.3									
3.0	21.6	6.1									
3.7	21.4	5.4									
4.2	21.3	4.4									
4.6	21.3	3.5									

Oct 15, 2012	8:05	3.0	2.0	1.1	<u>59</u>	14.1	<u>55</u>	79	<u>62</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)
1.0	6.4	10.6									
1.5	6.4	10.6									
2.0	6.4	10.6									
2.5	6.4	10.6									
2.9	6.4	10.6									

(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
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, 2012	10:21	12.1	2.0	2.4	47	10.5	53	29	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)
	1.0	21.5	8.0	9.0	20.6	6.4						
	2.0	21.5	8.0	10.0	20.3	5.9						
	3.0	21.5	8.0	11.1	20.0	4.9						
	4.0	21.5	7.9	11.6	20.0	0.2						
	5.0	21.5	7.9	12.0	19.6	0.3						
	6.0	21.5	7.8									
	7.0	21.4	7.7									
	8.0	20.8	6.6									

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, 2012	9:21	12.3	2.0	1.7	52	20.3	58	33	55			
	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	25.6	8.8	9.0	23.2	1.1						
	2.0	25.5	8.5	10.0	23.1	1.0						
	3.0	25.4	8.2	11.3	23.0	0.8						
	4.0	25.3	7.9	11.8	22.9	0.1						
	5.0	25.2	7.4	12.2	22.9	0.1						
	6.0	23.8	2.6									
	7.0	23.5	1.5									
	8.0	23.2	1.1									

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 8, 2012	9:03	12.0	2.0	1.3	56	47.0	64	33	55			
	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	23.3	10.0	9.0	22.9	7.3						
	2.0	23.3	10.0	10.0	22.8	6.9						
	3.0	23.3	9.9	11.0	22.8	6.5						
	4.0	23.3	9.8	11.5	22.7	5.6						
	5.0	23.2	9.6	11.9	22.3	0.3						
	6.0	23.1	8.1									
	7.0	23.0	8.0									
	8.0	22.9	7.6									

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			
Oct 18, 2012	9:28	12.1	2.0	2.6	46	7.6	50	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)
	1.0	8.3	10.3	9.0	8.3	10.2						
	2.0	8.3	10.3	10.0	8.2	10.1						
	3.0	8.3	10.2	11.1	8.3	9.9						
	4.0	8.3	10.2	11.6	8.3	9.9						
	5.0	8.3	10.2	12.0	8.3	9.6						
	6.0	8.3	10.2									
	7.0	8.3	10.2									
	8.0	8.2	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
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 25, 2012	14:31	13.8	2.0	3.0	44	5.0	47	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)
1.0	22.2	9.2	9.0	18.8	2.3						
2.0	21.8	9.2	10.0	17.3	0.4						
3.0	21.6	8.6	11.0	17.2	0.3						
4.0	21.6	8.6	12.0	16.7	0.2						
5.0	21.1	7.3	12.8	16.7	0.2						
6.0	20.6	5.7	13.3	16.6	0.2						
7.0	20.4	5.2	13.7	16.6	0.3						
8.0	19.6	3.6									

Jul 10, 2012	13:09	14.1	2.0	2.9	45	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)
1.0	26.4	8.4	9.0	18.8	0.2						
2.0	26.1	8.4	10.0	18.3	0.2						
3.0	25.8	8.0	11.0	18.1	0.2						
4.0	25.5	7.8	12.0	17.7	0.2						
5.0	23.7	5.9	13.1	17.6	0.2						
6.0	21.5	2.1	13.6	17.6	0.2						
7.0	20.2	0.3	14.0	17.6	0.2						
8.0	19.6	0.1									

Aug 14, 2012	11:48	14.0	2.0	1.8	52	19.7	57	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)
1.0	22.3	9.3	9.0	20.1	1.5						
2.0	21.9	8.9	10.0	18.3	0.3						
3.0	21.8	8.4	11.0	17.7	0.3						
4.0	21.6	6.8	12.0	17.5	0.2						
5.0	21.6	6.3	13.0	17.2	0.3						
6.0	21.5	6.2	13.5	17.2	0.4						
7.0	21.4	5.8	13.9	17.3	0.3						
8.0	21.2	4.5									

Oct 17, 2012	12:15	13.7	2.0	3.3	43	12.3	54	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)
1.0	9.4	9.9	9.0	9.0	9.1						
2.0	9.2	9.8	10.0	9.0	8.9						
3.0	9.2	9.8	11.0	8.6	8.5						
4.0	9.2	9.7	12.0	8.5	8.4						
5.0	9.2	9.7	12.7	8.5	8.2						
6.0	9.2	9.6	13.2	8.6	7.7						
7.0	9.1	9.5	13.6	9.2	0.7						
8.0	9.1	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
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 13, 2012	12:13	18.8	2.0	4.6	38	3.0	43	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)
	1.0	19.4	9.5	9.0	17.5	7.7	17.0	12.9	0.2			
	2.0	19.2	9.3	10.0	17.3	7.5	17.8	12.9	0.2			
	3.0	19.1	9.1	11.0	15.2	4.6	18.3	12.8	0.2			
	4.0	19.0	9.1	12.0	13.6	1.6	18.7	12.9	0.3			
	5.0	19.0	9.1	13.0	13.3	1.1						
	6.0	18.9	9.1	14.0	13.1	0.7						
	7.0	18.7	9.1	15.0	13.0	0.5						
	8.0	17.9	8.1	16.0	12.9	0.2						

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 2, 2012	9:41	18.1	2.0	4.4	39	3.9	45	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)
	1.0	24.1	9.5	9.0	17.3	1.9	17.1	14.3	0.2			
	2.0	23.4	9.8	10.0	17.1	1.8	17.6	14.3	0.2			
	3.0	22.7	9.7	11.0	15.7	0.2	18.0	14.3	0.3			
	4.0	22.4	9.3	12.0	15.3	0.2						
	5.0	21.8	8.8	13.0	14.8	0.2						
	6.0	20.9	7.7	14.0	14.5	0.2						
	7.0	20.1	6.4	15.0	14.4	0.2						
	8.0	18.5	3.5	16.0	14.4	0.2						

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			
Aug 2, 2012	10:27	18.1	2.0	3.4	42	7.6	50	17	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)
	1.0	24.1	8.3	9.0	21.4	1.6	17.1	14.9	0.2			
	2.0	24.0	8.3	10.0	20.2	0.2	17.6	14.9	0.2			
	3.0	24.0	8.2	11.0	18.9	0.2	18.0	14.9	0.3			
	4.0	23.9	8.2	12.0	16.7	0.2						
	5.0	23.8	8.1	13.0	15.7	0.2						
	6.0	23.7	8.0	14.0	15.3	0.2						
	7.0	23.6	7.9	15.0	15.1	0.2						
	8.0	23.4	7.5	16.0	15.0	0.2						

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			
Oct 24, 2012	13:16	18.2	2.0	5.1	37	5.0	47	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)
	1.0	10.1	10.0	9.0	9.7	9.8	17.2	9.6	8.9			
	2.0	10.1	10.0	10.0	9.7	9.6	17.7	9.6	8.4			
	3.0	9.9	10.0	11.0	9.7	9.6	18.1	9.7	5.0			
	4.0	9.9	10.0	12.0	9.6	9.5						
	5.0	9.8	9.9	13.0	9.6	9.5						
	6.0	9.8	9.9	14.0	9.6	9.3						
	7.0	9.8	9.8	15.0	9.6	9.3						
	8.0	9.8	9.8	16.0	9.6	9.1						

(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
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 13, 2012	12:58	13.4	2.0	5.0	<u>37</u>	2.3	<u>41</u>	17	<u>50</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)
1.0	20.0	8.9	9.0	13.4	2.9						
2.0	19.9	8.9	10.0	12.0	0.6						
3.0	19.9	8.9	11.0	11.2	0.2						
4.0	19.7	8.8	12.4	11.0	0.2						
5.0	19.6	8.8	12.9	11.0	0.3						
6.0	17.5	9.2	13.3	11.2	0.3						
7.0	17.3	9.1									
8.0	15.4	7.3									

Jul 2, 2012	10:07	13.4	2.0	5.6	<u>35</u>	2.1	<u>40</u>	14	<u>49</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)
1.0	24.4	8.7	9.0	14.9	0.5						
2.0	24.1	8.8	10.0	13.0	0.3						
3.0	23.4	9.0	11.0	12.5	0.3						
4.0	23.1	8.7	12.0	12.5	0.3						
5.0	22.3	8.3	12.4	12.6	0.3						
6.0	20.4	7.7	12.9	12.8	0.3						
7.0	18.4	7.0	13.3	13.1	0.3						
8.0	16.6	3.9									

Aug 2, 2012	11:01	13.6	2.0	4.1	<u>40</u>	4.1	<u>45</u>	14	<u>49</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)
1.0	24.2	8.5	9.0	14.7	0.2						
2.0	24.0	8.3	10.0	13.3	0.2						
3.0	23.8	8.2	11.0	12.9	0.3						
4.0	23.7	7.9	12.0	12.9	0.3						
5.0	23.6	7.7	12.6	13.1	0.3						
6.0	23.2	7.1	13.1	13.1	0.3						
7.0	20.8	2.9	13.5	13.2	0.3						
8.0	17.1	0.3									

Oct 24, 2012	13:39	13.3	2.0	4.5	<u>38</u>	11.3	<u>53</u>	25	<u>53</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)
1.0	9.6	10.7	9.0	9.2	10.0						
2.0	9.4	10.6	10.0	9.2	9.8						
3.0	9.4	10.4	11.0	9.2	9.6						
4.0	9.3	10.3	12.3	9.2	9.4						
5.0	9.3	10.2	12.8	9.2	9.3						
6.0	9.3	10.2	13.2	9.2	9.2						
7.0	9.2	10.1									
8.0	9.2	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 25, 2012	11:20	7.6	2.0	2.0	50	6.7	49	29	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)
1.0	21.9	8.1	7.5	21.0	3.3						
2.0	21.7	8.0									
3.0	21.5	8.0									
4.0	21.4	7.8									
5.0	21.4	7.5									
6.0	21.4	7.5									
6.6	21.2	5.9									
7.1	21.1	5.3									

Jul 18, 2012	13:57	7.0	2.0	1.4	55	20.0	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)
1.0	25.6	7.4									
2.0	25.6	7.3									
3.0	25.5	7.2									
4.0	25.3	6.9									
5.0	23.1	0.2									
6.0	22.7	0.1									
6.5	22.3	0.2									
6.9	22.1	0.2									

Aug 14, 2012	9:05	7.1	2.0	1.0	60	37.4	62	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)
1.0	21.1	8.6									
2.0	20.9	7.6									
3.0	20.9	7.1									
4.0	20.9	6.8									
5.0	20.9	6.5									
6.0	20.8	5.8									
6.5	20.8	5.3									
7.0	20.6	2.5									

Oct 10, 2012	11:58	5.0	2.0	2.0	50	4.3	46	41	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)
1.0	6.9	10.5									
2.0	6.9	10.4									
3.0	6.9	10.5									
4.0	6.9	10.5									
4.5	6.9	10.4									
4.9	6.9	10.4									

(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
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 25, 2012	11:40	5.3	2.0	1.7	<u>52</u>	6.8	<u>49</u>	31	<u>55</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)
1.0	22.4	7.9									
2.0	22.1	7.7									
3.0	21.7	7.5									
4.3	21.6	7.4									
4.8	21.1	5.5									
5.2	20.0	2.1									

Jul 19, 2012	9:33	6.5	2.0	1.3	<u>56</u>	13.4	<u>54</u>	33	<u>55</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)
1.0	24.6	6.2									
2.0	24.6	6.0									
3.0	24.6	5.8									
4.0	24.5	0.1									
5.0	24.0	0.1									
5.5	21.9	0.1									
6.0	19.9	0.1									
6.4	19.1	0.2									

Aug 14, 2012	9:30	5.8	2.0	1.1	<u>59</u>	30.9	<u>61</u>	23	<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)
1.0	21.7	9.0									
2.0	21.5	8.6									
3.0	21.3	8.2									
4.0	21.1	7.2									
4.8	20.7	4.5									
5.3	20.6	3.4									
5.7	20.4	1.6									

Oct 10, 2012	12:42	4.3	2.0	1.2	<u>57</u>	3.3	<u>44</u>	59	<u>60</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)
1.0	7.5	9.8									
2.0	7.4	9.8									
3.3	7.4	9.8									
3.8	7.4	9.4									
4.2	7.4	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
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 25, 2012	12:04	5.8	2.0	1.8	<u>52</u>	11.8	<u>53</u>	39	<u>57</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)
	1.0	22.5	8.3									
	2.0	22.4	8.2									
	3.0	21.9	7.9									
	4.0	21.8	7.7									
	4.8	21.8	7.6									
	5.3	21.7	0.6									
	5.7	21.8	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			
Jul 19, 2012	10:18	5.8	2.0	1.2	<u>57</u>	27.2	<u>60</u>	43	<u>57</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)
	1.0	24.7	7.2									
	2.0	24.7	7.1									
	3.0	24.7	7.1									
	4.0	24.6	6.9									
	4.8	24.5	6.6									
	5.3	24.5	6.5									
	5.7	24.5	6.4									

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			
Aug 14, 2012	9:53	5.3	2.0	1.3	<u>56</u>	18.7	<u>57</u>	31	<u>55</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)
	1.0	20.8	7.8									
	2.0	20.7	7.5									
	3.0	20.5	4.3									
	4.3	20.3	2.3									
	4.8	20.3	1.9									
	5.2	20.3	2.2									

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			
Oct 10, 2012	13:25	3.6	2.0	1.4	<u>55</u>	10.1	<u>52</u>	43	<u>57</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)
	1.0	5.6	11.1									
	1.8	5.6	11.1									
	2.6	5.6	10.7									
	3.1	5.6	10.6									
	3.5	5.6	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