

WVIC TSI Full Data Report - TSI Full Report

Print Date: Dec 9, 2013

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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 9, 2011	8:35	11.9	2.0	5.1	<u>37</u>	1.7	<u>39</u>	19	<u>51</u>			
	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)
	1.0	19.7	8.3	9.0	15.1	3.2						
	2.0	19.7	8.3	10.0	15.0	3.1						
	3.0	19.5	8.3	10.9	15.0	0.6						
	4.0	19.3	8.3	11.4	14.9	0.7						
	5.0	19.1	8.3	11.8	14.9	0.8						
	6.0	18.9	8.2									
	7.0	17.9	7.5									
	8.0	15.3	4.1									

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			
Jul 20, 2011	8:52	12.5	2.0	4.4	<u>39</u>	6.2	<u>49</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	24.5	8.8	9.0	17.5	0.5						
	2.0	24.5	8.8	10.0	17.4	0.6						
	3.0	23.6	8.9	11.0	17.3	0.5						
	4.0	23.1	8.3	11.5	17.2	0.6						
	5.0	22.2	7.1	12.0	17.2	0.6						
	6.0	20.7	3.5	12.4	16.9	0.6						
	7.0	18.5	0.5									
	8.0	17.8	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			
Aug 4, 2011	14:01	12.2	2.0	3.6	<u>42</u>	6.1	<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	24.6	8.4	9.0	17.9	0.5						
	2.0	24.2	8.3	10.0	17.7	0.6						
	3.0	24.1	8.1	11.2	17.5	0.6						
	4.0	23.9	7.6	11.7	17.5	0.6						
	5.0	23.5	6.8	12.1	17.5	0.6						
	6.0	22.3	3.8									
	7.0	20.6	0.5									
	8.0	18.7	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			
Oct 19, 2011	9:02	12.5	2.0	3.4	<u>42</u>	4.0	<u>45</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	11.2	9.1	9.0	11.0	8.9						
	2.0	11.2	9.0	10.0	11.0	8.9						
	3.0	11.2	9.0	11.0	11.0	8.8						
	4.0	11.2	9.0	11.5	10.9	8.8						
	5.0	11.2	9.0	12.0	10.9	8.7						
	6.0	11.2	9.0	12.4	10.9	8.4						
	7.0	11.2	8.9									
	8.0	11.1	9.0									

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

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Site STORET Description
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 7, 2011	15:44	4.8	2.0	4.1	40	2.0	40	22	52																																																																																							
<table border="1"> <thead> <tr> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>23.4</td><td>9.1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2.0</td><td>23.2</td><td>9.1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.0</td><td>22.0</td><td>9.1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.8</td><td>19.1</td><td>7.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.3</td><td>18.6</td><td>6.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.7</td><td>18.7</td><td>5.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>													Depth (m)	Temp (° C)	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	9.1										2.0	23.2	9.1										3.0	22.0	9.1										3.8	19.1	7.6										4.3	18.6	6.2										4.7	18.7	5.3									
Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)																																																																																					
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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 12, 2011	14:41	4.9	2.0	3.6	42	3.3	44	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)																																																																																					
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Aug 9, 2011	13:59	5.1	2.0	2.3	48	11.5	53	30	54																																																																																							
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)																																																																																					
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Oct 18, 2011	9:46	5.0	2.0	4.3	39	5.3	47	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	9.0	10.0																																																																																														
2.0	9.0	10.0																																																																																														
3.0	9.0	9.9																																																																																														
4.0	9.0	9.6																																																																																														
4.5	9.0	2.4																																																																																														
4.9	9.1	2.9																																																																																														

(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
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 7, 2011	15:23	13.2	2.0	3.8	41	3.1	43	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	22.2	9.5	9.0	10.5	4.0						
2.0	21.9	9.5	10.0	9.7	3.4						
3.0	21.2	9.6	11.0	9.4	3.2						
4.0	16.8	9.6	12.2	9.3	2.5						
5.0	15.4	8.7	12.7	9.3	2.3						
6.0	14.3	7.7	13.1	9.7	0.7						
7.0	12.4	6.2									
8.0	11.4	5.1									

Jul 12, 2011	14:13	13.2	2.0	4.4	39	2.7	42	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	24.7	8.6	9.0	10.8	0.6						
2.0	24.6	8.5	10.0	10.3	0.6						
3.0	24.4	8.5	11.0	10.0	0.6						
4.0	21.9	9.1	12.2	9.6	0.7						
5.0	18.7	8.8	12.7	9.5	0.7						
6.0	16.2	2.0	13.1	9.5	0.8						
7.0	13.1	0.6									
8.0	11.8	0.6									

Aug 9, 2011	13:32	13.5	2.0	3.5	42	3.7	45	20	51
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.0	8.4	9.0	11.2	0.7						
2.0	24.0	8.3	10.0	10.6	0.7						
3.0	23.9	8.2	11.0	10.3	0.7						
4.0	23.8	8.2	12.0	10.1	0.8						
5.0	23.7	8.1	12.5	10.0	0.8						
6.0	18.1	1.4	13.0	10.0	0.7						
7.0	14.1	1.1	13.4	10.5	0.9						
8.0	12.2	0.7									

Oct 18, 2011	9:25	13.0	2.0	2.7	46	15.8	56	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	11.6	9.1	9.0	11.7	8.9						
2.0	11.7	9.1	10.0	11.7	8.9						
3.0	11.7	9.0	11.0	11.7	8.9						
4.0	11.7	9.0	12.0	11.7	8.8						
5.0	11.7	8.9	12.5	11.7	8.8						
6.0	11.7	8.9	12.9	11.7	8.7						
7.0	11.7	8.9									
8.0	11.7	8.9									

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

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

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 8, 2011	9:49	10.6	2.0	1.3	56	7.2	50	25	53																																																																																																															
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2.0	20.5	8.4	9.6	14.5	4.4																																																																																																																			
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Jul 13, 2011	13:03	10.3	2.0	2.2	49	11.7	53	25	53																																																																																																															
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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 9, 2011	9:54	10.7	2.0	1.9	51	9.8	52	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)																																																																																																													
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Oct 24, 2011	12:09	10.3	2.0	1.6	53	13.4	54	33	55																																																																																																															
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)																																																																																																													
1.0	8.9	10.0	9.3	8.8	9.9																																																																																																																			
2.0	8.9	10.1	9.8	8.8	9.8																																																																																																																			
3.0	8.9	10.0	10.2	8.8	9.9																																																																																																																			
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(1) Low Absorbance result approx (2) Holding time exceeded (3) Duplicate QC exceeded
 (4) Lab Accident/Lost Sample (5) Sample rec'd with ice melted (6) Instrument Error result approx

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

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI			
Jun 8, 2011	8:14	8.2	2.0	0.9	62	3.8	45	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	22.3	7.9	8.1	16.4	0.5						
	2.0	22.1	7.9									
	3.0	20.9	7.8									
	4.0	20.6	7.8									
	5.0	17.9	7.4									
	6.0	17.6	7.2									
	7.2	16.7	6.3									
	7.7	16.7	5.6									

Jul 13, 2011	11:36	7.7	2.0	1.3	56	6.2	49	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	23.7	7.4	7.6	18.1	0.8						
	2.0	23.2	7.3									
	3.0	23.1	7.3									
	4.0	22.9	7.2									
	5.0	21.3	5.0									
	6.0	18.6	2.8									
	6.7	18.0	1.5									
	7.2	17.9	1.3									

Aug 9, 2011	8:01	8.2	2.0	1.1	59	5.0	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	23.5	6.6	8.1	18.7	0.7						
	2.0	23.5	6.5									
	3.0	23.5	6.4									
	4.0	23.4	6.1									
	5.0	22.6	3.9									
	6.0	22.2	3.2									
	7.2	19.9	0.6									
	7.7	19.1	0.7									

Oct 24, 2011	9:22	7.6	2.0	1.3	56	8.8	51	37	56			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	1.0	8.1	10.3	7.5	8.1	10.3						
	2.0	8.1	10.3									
	3.0	8.1	10.3									
	4.0	8.1	10.3									
	5.0	8.1	10.3									
	6.0	8.1	10.4									
	6.6	8.1	10.3									
	7.1	8.1	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: 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 8, 2011	11:11	9.5	2.0	1.5	<u>54</u>	9.9	<u>52</u>	22	<u>52</u>																																																																																																															
<table border="1"> <thead> <tr> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>22.9</td><td>8.6</td><td>8.5</td><td>12.5</td><td>1.1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2.0</td><td>22.8</td><td>8.6</td><td>9.0</td><td>12.4</td><td>0.9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.0</td><td>18.9</td><td>8.3</td><td>9.4</td><td>12.4</td><td>0.9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.0</td><td>17.1</td><td>7.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.0</td><td>16.2</td><td>6.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6.0</td><td>14.6</td><td>4.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7.0</td><td>14.0</td><td>3.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8.0</td><td>12.6</td><td>1.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>													Depth (m)	Temp (° C)	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	8.6	8.5	12.5	1.1							2.0	22.8	8.6	9.0	12.4	0.9							3.0	18.9	8.3	9.4	12.4	0.9							4.0	17.1	7.2										5.0	16.2	6.4										6.0	14.6	4.4										7.0	14.0	3.3										8.0	12.6	1.2									
Depth (m)	Temp (° C)	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	8.6	8.5	12.5	1.1																																																																																																																			
2.0	22.8	8.6	9.0	12.4	0.9																																																																																																																			
3.0	18.9	8.3	9.4	12.4	0.9																																																																																																																			
4.0	17.1	7.2																																																																																																																						
5.0	16.2	6.4																																																																																																																						
6.0	14.6	4.4																																																																																																																						
7.0	14.0	3.3																																																																																																																						
8.0	12.6	1.2																																																																																																																						

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 13, 2011	14:37	9.2	2.0	1.8	<u>52</u>	15.9	<u>56</u>	32	<u>55</u>																																																																																																															
<table border="1"> <thead> <tr> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>23.6</td><td>8.2</td><td>8.7</td><td>14.5</td><td>0.6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2.0</td><td>23.5</td><td>8.0</td><td>9.1</td><td>14.4</td><td>0.7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.0</td><td>22.9</td><td>7.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.0</td><td>19.7</td><td>3.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.0</td><td>18.6</td><td>2.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6.0</td><td>16.3</td><td>0.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7.0</td><td>14.9</td><td>0.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8.2</td><td>14.6</td><td>0.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>													Depth (m)	Temp (° C)	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	8.2	8.7	14.5	0.6							2.0	23.5	8.0	9.1	14.4	0.7							3.0	22.9	7.3										4.0	19.7	3.3										5.0	18.6	2.4										6.0	16.3	0.5										7.0	14.9	0.6										8.2	14.6	0.6									
Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)																																																																																																													
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Aug 9, 2011	9:20	9.9	2.0	1.8	<u>52</u>	12.1	<u>54</u>	31	<u>55</u>																																																																																																															
<table border="1"> <thead> <tr> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>24.0</td><td>7.5</td><td>8.9</td><td>14.8</td><td>0.7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2.0</td><td>24.0</td><td>7.4</td><td>9.4</td><td>14.7</td><td>0.7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.0</td><td>23.7</td><td>6.8</td><td>9.8</td><td>14.5</td><td>0.7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.0</td><td>22.9</td><td>1.8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.0</td><td>18.3</td><td>0.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6.0</td><td>16.7</td><td>0.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7.0</td><td>15.6</td><td>0.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8.0</td><td>15.1</td><td>0.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>													Depth (m)	Temp (° C)	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	7.5	8.9	14.8	0.7							2.0	24.0	7.4	9.4	14.7	0.7							3.0	23.7	6.8	9.8	14.5	0.7							4.0	22.9	1.8										5.0	18.3	0.5										6.0	16.7	0.6										7.0	15.6	0.6										8.0	15.1	0.6									
Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)																																																																																																													
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Oct 24, 2011	13:20	9.4	2.0	1.9	<u>51</u>	15.5	<u>56</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)																																																																																																													
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(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

WVIC TSI Full Data Report - TSI Full Report

Print Date: Dec 9, 2013

Page 7 of 44

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 8, 2011	9:22	13.4	2.0	1.0	60	4.3	46	27	54																																																																																																															
<table border="1"> <thead> <tr> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>21.6</td><td>8.1</td><td>9.0</td><td>9.7</td><td>6.3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2.0</td><td>21.3</td><td>8.0</td><td>10.0</td><td>9.3</td><td>6.1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.0</td><td>18.7</td><td>7.8</td><td>11.0</td><td>8.6</td><td>5.1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.0</td><td>15.8</td><td>7.8</td><td>12.4</td><td>8.6</td><td>4.8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.0</td><td>14.7</td><td>7.9</td><td>12.9</td><td>8.7</td><td>4.6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6.0</td><td>14.1</td><td>7.8</td><td>13.3</td><td>9.5</td><td>0.7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7.0</td><td>13.1</td><td>7.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8.0</td><td>11.8</td><td>7.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>													Depth (m)	Temp (° C)	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	8.1	9.0	9.7	6.3							2.0	21.3	8.0	10.0	9.3	6.1							3.0	18.7	7.8	11.0	8.6	5.1							4.0	15.8	7.8	12.4	8.6	4.8							5.0	14.7	7.9	12.9	8.7	4.6							6.0	14.1	7.8	13.3	9.5	0.7							7.0	13.1	7.6										8.0	11.8	7.2									
Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)																																																																																																													
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Jul 13, 2011	12:39	13.4	2.0	1.6	53	6.6	49	26	53																																																																																																															
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)																																																																																																													
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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 9, 2011	10:17	13.6	2.0	1.8	52	10.7	53	25	53																																																																																																															
<table border="1"> <thead> <tr> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>23.8</td><td>7.6</td><td>9.0</td><td>10.9</td><td>1.2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2.0</td><td>23.8</td><td>7.6</td><td>10.0</td><td>10.1</td><td>0.7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.0</td><td>23.7</td><td>7.5</td><td>11.0</td><td>9.6</td><td>0.8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.0</td><td>23.5</td><td>7.4</td><td>12.0</td><td>9.5</td><td>0.8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.0</td><td>19.8</td><td>2.9</td><td>12.6</td><td>9.5</td><td>0.8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6.0</td><td>15.7</td><td>2.4</td><td>13.1</td><td>9.6</td><td>0.8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7.0</td><td>13.3</td><td>2.1</td><td>13.5</td><td>9.8</td><td>0.8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8.0</td><td>11.8</td><td>1.7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>													Depth (m)	Temp (° C)	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	23.8	7.6	9.0	10.9	1.2							2.0	23.8	7.6	10.0	10.1	0.7							3.0	23.7	7.5	11.0	9.6	0.8							4.0	23.5	7.4	12.0	9.5	0.8							5.0	19.8	2.9	12.6	9.5	0.8							6.0	15.7	2.4	13.1	9.6	0.8							7.0	13.3	2.1	13.5	9.8	0.8							8.0	11.8	1.7									
Depth (m)	Temp (° C)	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	23.8	7.6	9.0	10.9	1.2																																																																																																																			
2.0	23.8	7.6	10.0	10.1	0.7																																																																																																																			
3.0	23.7	7.5	11.0	9.6	0.8																																																																																																																			
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6.0	15.7	2.4	13.1	9.6	0.8																																																																																																																			
7.0	13.3	2.1	13.5	9.8	0.8																																																																																																																			
8.0	11.8	1.7																																																																																																																						

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																																																																																																															
Oct 24, 2011	11:43	13.2	2.0	1.6	53	3.8	45	28	54																																																																																																															
<table border="1"> <thead> <tr> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>9.7</td><td>9.1</td><td>9.0</td><td>9.6</td><td>9.0</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2.0</td><td>9.7</td><td>9.2</td><td>10.0</td><td>9.6</td><td>9.0</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.0</td><td>9.7</td><td>9.1</td><td>11.0</td><td>9.6</td><td>9.0</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.0</td><td>9.7</td><td>9.1</td><td>12.2</td><td>9.6</td><td>8.9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.0</td><td>9.7</td><td>9.1</td><td>12.7</td><td>9.5</td><td>8.9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6.0</td><td>9.7</td><td>9.0</td><td>13.1</td><td>9.5</td><td>8.8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7.0</td><td>9.7</td><td>9.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8.0</td><td>9.7</td><td>9.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>													Depth (m)	Temp (° C)	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	9.1	9.0	9.6	9.0							2.0	9.7	9.2	10.0	9.6	9.0							3.0	9.7	9.1	11.0	9.6	9.0							4.0	9.7	9.1	12.2	9.6	8.9							5.0	9.7	9.1	12.7	9.5	8.9							6.0	9.7	9.0	13.1	9.5	8.8							7.0	9.7	9.0										8.0	9.7	9.0									
Depth (m)	Temp (° C)	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	9.1	9.0	9.6	9.0																																																																																																																			
2.0	9.7	9.2	10.0	9.6	9.0																																																																																																																			
3.0	9.7	9.1	11.0	9.6	9.0																																																																																																																			
4.0	9.7	9.1	12.2	9.6	8.9																																																																																																																			
5.0	9.7	9.1	12.7	9.5	8.9																																																																																																																			
6.0	9.7	9.0	13.1	9.5	8.8																																																																																																																			
7.0	9.7	9.0																																																																																																																						
8.0	9.7	9.0																																																																																																																						

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

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Site: **BUR PG#1** STORET Description: **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 8, 2011	11:42	11.7	2.0	1.5	54	10.8	53	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	21.5	8.8	9.0	14.3	6.3						
2.0	20.0	8.5	10.0	13.7	5.0						
3.0	18.6	8.4	10.7	13.4	3.6						
4.0	16.4	7.8	11.0	13.2	2.2						
5.0	16.3	7.7	11.6	13.6	0.6						
6.0	15.8	7.5									
7.0	14.7	7.1									
8.0	14.5	6.8									

Jul 13, 2011	14:05	11.8	2.0	1.9	51	15.4	55	28	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	23.6	8.4	9.0	16.0	1.1						
2.0	23.4	8.2	10.0	14.6	0.6						
3.0	23.2	8.0	10.8	13.9	0.7						
4.0	22.7	7.5	11.3	13.6	0.7						
5.0	19.4	3.9	11.7	13.4	0.7						
6.0	18.4	4.0									
7.0	17.3	3.1									
8.0	16.9	2.3									

Aug 9, 2011	8:52	11.8	2.0	2.3	48	8.8	51	24	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	23.8	7.2	9.0	15.7	0.6						
2.0	23.8	7.2	10.0	15.0	0.7						
3.0	23.7	6.9	10.8	14.7	0.7						
4.0	23.0	4.0	11.3	14.4	0.7						
5.0	21.9	1.4	11.7	14.7	0.8						
6.0	20.4	0.5									
7.0	17.8	0.6									
8.0	16.5	0.6									

Oct 24, 2011	13:47	11.6	2.0	2.4	47	11.1	53	38	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	9.5	9.8	9.0	9.5	9.7						
2.0	9.5	9.8	10.0	9.5	9.7						
3.0	9.5	9.8	10.6	9.5	9.7						
4.0	9.5	9.8	11.1	9.5	9.7						
5.0	9.5	9.8	11.5	9.5	9.7						
6.0	9.5	9.8									
7.0	9.5	9.7									
8.0	9.5	9.7									

(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 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 8, 2011	10:35	7.6	2.0	0.7	65	4.6	46	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	23.6	7.9	7.5	8.9	1.6						
2.0	19.4	7.5									
3.0	16.9	7.6									
4.0	14.6	7.2									
5.0	13.1	6.5									
6.0	10.7	4.6									
6.6	9.1	2.1									
7.1	8.6	1.8									

Jul 13, 2011	13:41	7.6	2.0	1.4	55	6.7	49	33	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	23.6	7.5	7.5	9.9	0.8						
2.0	23.2	7.2									
3.0	20.6	4.1									
4.0	15.7	2.8									
5.0	14.1	1.4									
6.0	11.6	0.7									
6.6	10.6	0.7									
7.1	10.2	0.8									

Aug 9, 2011	11:44	7.8	2.0	1.5	54	3.6	45	25	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	23.7	7.1	7.7	11.6	0.9						
2.0	23.6	7.1									
3.0	23.5	6.9									
4.0	18.2	0.6									
5.0	14.7	0.6									
6.0	12.2	0.7									
6.8	11.3	0.7									
7.3	11.1	0.8									

Oct 24, 2011	14:11	7.6	2.0	1.0	60	3.6	45	27	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	9.0	9.8	7.5	9.0	9.6						
2.0	9.0	9.8									
3.0	9.0	9.7									
4.0	8.9	9.7									
5.0	8.9	9.7									
6.0	8.9	9.7									
6.6	8.9	9.6									
7.1	8.9	9.6									

(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: BURNT ROLLWAYS RESERVOIR - Big Stone Lake at Maximum Depth
 BUR STN#1 443033

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 8, 2011	8:44	17.5	2.0	1.1	59	2.5	42	30	54																																																																																																															
<table border="1"> <thead> <tr> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>21.4</td><td>8.0</td><td>9.0</td><td>12.1</td><td>6.7</td><td>16.5</td><td>9.3</td><td>4.1</td><td></td><td></td><td></td></tr> <tr><td>2.0</td><td>21.1</td><td>8.0</td><td>10.0</td><td>11.4</td><td>6.5</td><td>17.0</td><td>9.3</td><td>0.9</td><td></td><td></td><td></td></tr> <tr><td>3.0</td><td>18.4</td><td>7.9</td><td>11.0</td><td>10.6</td><td>6.1</td><td>17.4</td><td>9.7</td><td>0.6</td><td></td><td></td><td></td></tr> <tr><td>4.0</td><td>16.3</td><td>7.8</td><td>12.0</td><td>9.8</td><td>5.5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.0</td><td>14.7</td><td>7.8</td><td>13.0</td><td>9.5</td><td>5.0</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6.0</td><td>13.5</td><td>7.6</td><td>14.0</td><td>9.4</td><td>4.8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7.0</td><td>12.9</td><td>7.3</td><td>15.0</td><td>9.3</td><td>4.5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8.0</td><td>12.9</td><td>7.3</td><td>16.0</td><td>9.3</td><td>4.4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>													Depth (m)	Temp (° C)	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	21.4	8.0	9.0	12.1	6.7	16.5	9.3	4.1				2.0	21.1	8.0	10.0	11.4	6.5	17.0	9.3	0.9				3.0	18.4	7.9	11.0	10.6	6.1	17.4	9.7	0.6				4.0	16.3	7.8	12.0	9.8	5.5							5.0	14.7	7.8	13.0	9.5	5.0							6.0	13.5	7.6	14.0	9.4	4.8							7.0	12.9	7.3	15.0	9.3	4.5							8.0	12.9	7.3	16.0	9.3	4.4						
Depth (m)	Temp (° C)	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	21.4	8.0	9.0	12.1	6.7	16.5	9.3	4.1																																																																																																																
2.0	21.1	8.0	10.0	11.4	6.5	17.0	9.3	0.9																																																																																																																
3.0	18.4	7.9	11.0	10.6	6.1	17.4	9.7	0.6																																																																																																																
4.0	16.3	7.8	12.0	9.8	5.5																																																																																																																			
5.0	14.7	7.8	13.0	9.5	5.0																																																																																																																			
6.0	13.5	7.6	14.0	9.4	4.8																																																																																																																			
7.0	12.9	7.3	15.0	9.3	4.5																																																																																																																			
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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 13, 2011	12:01	17.5	2.0	1.4	55	8.7	51	27	54																																																																																																															
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)																																																																																																													
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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 9, 2011	10:49	17.6	2.0	1.6	53	4.7	47	25	53																																																																																																															
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)																																																																																																													
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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, 2011	10:56	17.5	2.0	1.4	55	6.3	49	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	9.7	9.6	9.0	9.7	9.4	16.5	9.7	9.3																																																																																																																
2.0	9.7	9.6	10.0	9.7	9.4	17.0	9.7	9.2																																																																																																																
3.0	9.7	9.5	11.0	9.7	9.4	17.4	9.7	9.2																																																																																																																
4.0	9.7	9.5	12.0	9.7	9.3																																																																																																																			
5.0	9.7	9.5	13.0	9.7	9.3																																																																																																																			
6.0	9.7	9.4	14.0	9.7	9.3																																																																																																																			
7.0	9.7	9.4	15.0	9.7	9.2																																																																																																																			
8.0	9.7	9.4	16.0	9.7	9.3																																																																																																																			

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

WVIC TSI Full Data Report - TSI Full Report

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

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 8, 2011	13:52	9.4	2.0	2.0	50	6.8	49	22	52

Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)
1.0	22.8	8.4	8.9	8.4	0.6						
2.0	18.8	8.2	9.3	8.8	0.6						
3.0	16.9	7.8									
4.0	13.5	5.2									
5.0	13.6	5.2									
6.0	11.4	2.8									
7.0	9.2	1.8									
8.4	8.3	0.6									

Jul 13, 2011	10:45	10.2	2.0	2.5	47	7.8	50	17	50
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Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)
1.0	23.4	8.0	9.2	8.7	0.7						
2.0	23.3	8.0	9.7	8.7	0.7						
3.0	23.0	7.7	10.1	8.9	0.8						
4.0	18.1	3.5									
5.0	14.7	0.6									
6.0	12.1	0.7									
7.0	10.1	0.7									
8.0	9.1	0.7									

Aug 10, 2011	12:16	10.3	2.0	2.2	49	8.1	51	17	50
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Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)
1.0	22.8	7.6	9.3	9.5	0.8						
2.0	22.7	7.6	9.8	9.6	0.8						
3.0	22.4	7.3	10.2	9.6	0.9						
4.0	19.7	1.7									
5.0	15.6	0.6									
6.0	13.0	0.7									
7.0	11.0	0.7									
8.0	10.0	0.8									

Oct 18, 2011	15:36	9.3	2.0	2.3	48	5.3	47	28	54
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Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)	Depth (m)	Temp (°C)	DO (mg/l)
1.0	11.3	8.7	8.8	11.3	8.4						
2.0	11.3	8.6	9.2	11.2	8.3						
3.0	11.3	8.7									
4.0	11.3	8.6									
5.0	11.3	8.6									
6.0	11.3	8.5									
7.0	11.3	8.6									
8.3	11.3	8.4									

(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

WVIC TSI Full Data Report - TSI Full Report

Print Date: Dec 9, 2013

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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 7, 2011	12:39	28.6	2.0	5.0	37	11.5	53	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	20.3	9.9	9.0	9.5	9.5	17.0	6.8	9.2	25.0	6.2	0.6
2.0	20.1	9.9	10.0	8.5	9.5	18.0	6.8	9.2	26.0	6.0	0.5
3.0	18.4	10.2	11.0	8.0	9.5	19.0	6.7	9.2	27.0	5.9	0.5
4.0	14.9	10.6	12.0	7.7	9.4	20.0	6.7	9.2	27.6	5.8	0.6
5.0	13.2	10.5	13.0	7.5	9.5	21.0	6.5	9.1	28.1	5.9	0.6
6.0	12.1	10.4	14.0	7.2	9.4	22.0	6.4	9.0	28.5	6.4	0.7
7.0	11.5	10.1	15.0	7.0	9.4	23.0	6.2	8.8			
8.0	10.7	9.7	16.0	6.9	9.3	24.0	6.2	8.4			

Jul 12, 2011	12:25	28.5	2.0	4.3	39	2.5	42	10	46
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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	8.6	9.0	10.2	7.6	17.0	6.8	7.8	25.0	6.2	6.0
2.0	23.9	8.6	10.0	9.5	7.6	18.0	6.6	7.6	26.0	6.1	4.3
3.0	23.7	8.5	11.0	8.7	7.9	19.0	6.6	7.5	27.0	6.1	3.8
4.0	22.7	8.5	12.0	8.0	8.1	20.0	6.5	7.4	27.5	6.1	3.6
5.0	19.5	8.7	13.0	7.6	8.1	21.0	6.4	7.1	28.0	6.1	3.5
6.0	17.4	8.1	14.0	7.5	8.2	22.0	6.4	7.0	28.4	6.6	0.9
7.0	14.3	7.4	15.0	7.3	8.0	23.0	6.3	6.7			
8.0	12.1	7.3	16.0	7.0	7.8	24.0	6.3	6.3			

Aug 8, 2011	12:40	28.6	2.0	4.5	38	3.4	44	9	45
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.5	8.6	9.0	10.8	5.9	17.0	6.6	5.7	25.0	6.3	2.6
2.0	24.5	8.6	10.0	9.3	6.3	18.0	6.5	5.7	26.0	6.2	1.8
3.0	24.3	8.6	11.0	8.0	6.9	19.0	6.4	5.2	27.6	6.2	0.9
4.0	23.9	8.5	12.0	7.6	7.0	20.0	6.4	5.1	28.1	6.3	0.9
5.0	23.5	8.2	13.0	7.3	7.0	21.0	6.4	5.1	28.5	6.5	0.9
6.0	21.2	7.2	14.0	7.1	7.0	22.0	6.4	5.1			
7.0	16.4	6.1	15.0	6.8	6.2	23.0	6.3	4.4			
8.0	13.3	5.8	16.0	6.7	5.5	24.0	6.3	3.6			

Oct 31, 2011	12:22	28.4	2.0	4.8	37	7.1	50	12	47
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	9.0	9.2	9.0	9.0	9.0	17.0	7.0	2.1	25.0	6.6	1.2
2.0	9.0	9.2	10.0	9.0	9.0	18.0	6.8	1.9	26.0	6.6	1.1
3.0	9.0	9.2	11.0	9.0	8.9	19.0	6.8	1.8	27.4	6.5	1.1
4.0	9.0	9.1	12.0	9.0	8.8	20.0	6.8	1.8	27.9	6.5	1.1
5.0	9.0	9.1	13.0	8.9	8.6	21.0	6.7	1.8	28.3	6.4	1.1
6.0	9.0	9.1	14.0	8.7	7.9	22.0	6.7	1.6			
7.0	9.0	9.0	15.0	8.0	5.3	23.0	6.6	1.2			
8.0	9.0	9.0	16.0	7.7	3.4	24.0	6.6	1.2			

(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
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 7, 2011	11:48	17.2	2.0	4.6	38	4.4	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	19.8	9.9	9.0	14.9	7.7	16.7	13.5	2.0			
2.0	19.1	9.9	10.0	14.4	7.3	17.1	13.1	0.6			
3.0	17.7	10.1	11.0	14.3	6.7						
4.0	16.7	9.7	12.0	14.2	6.4						
5.0	16.3	9.4	13.0	14.2	6.1						
6.0	16.3	9.3	14.0	13.9	4.7						
7.0	15.9	8.9	15.0	13.8	4.0						
8.0	15.5	8.6	16.2	13.6	3.0						

Jul 12, 2011	11:31	17.2	2.0	3.5	42	10.0	52	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	24.6	8.7	9.0	17.0	0.5	16.7	12.5	0.7			
2.0	24.5	8.7	10.0	16.5	0.5	17.1	12.5	0.7			
3.0	24.3	8.7	11.0	15.4	0.5						
4.0	24.2	8.6	12.0	13.9	0.6						
5.0	23.8	8.4	13.0	13.4	0.6						
6.0	19.8	6.5	14.0	13.1	0.6						
7.0	18.5	5.1	15.0	12.9	0.6						
8.0	17.8	3.5	16.2	12.5	0.6						

Aug 8, 2011	13:48	17.3	2.0	2.8	45	10.0	52	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	24.7	9.1	9.0	16.9	0.6	16.8	12.5	0.8			
2.0	24.4	9.1	10.0	15.9	0.6	17.2	12.6	0.8			
3.0	24.2	9.1	11.0	15.0	0.6						
4.0	24.0	8.9	12.0	14.1	0.7						
5.0	23.7	8.5	13.0	13.3	0.7						
6.0	22.8	5.9	14.0	13.0	0.7						
7.0	21.3	0.5	15.0	12.6	0.7						
8.0	19.2	0.5	16.3	12.5	0.7						

Oct 31, 2011	13:39	17.2	2.0	5.6	35	4.9	47	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	7.4	9.6	9.0	7.4	9.3	16.7	7.4	9.2			
2.0	7.4	9.6	10.0	7.4	9.3	17.1	7.4	9.0			
3.0	7.5	9.6	11.0	7.4	9.3						
4.0	7.4	9.5	12.0	7.4	9.3						
5.0	7.4	9.5	13.0	7.4	9.3						
6.0	7.4	9.5	14.0	7.4	9.2						
7.0	7.4	9.4	15.0	7.4	9.2						
8.0	7.4	9.4	16.2	7.4	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
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 2, 2011	11:29	11.9	2.0	1.3	56	33.2	61	62	60	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	16.3	10.0	9.0	16.1	9.5			
		2.0	16.2	9.9	10.0	16.0	9.2			
		3.0	16.2	9.9	10.9	16.0	9.1			
		4.0	16.2	9.9	11.4	16.0	8.8			
		5.0	16.2	9.8	11.8	16.0	8.3			
		6.0	16.2	9.8						
		7.0	16.2	9.7						
		8.0	16.1	9.7						

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	
Jul 5, 2011	10:27	11.8	2.0	1.2	57	70.9	67	47	58	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	25.2	12.2	9.0	19.0	2.0			
		2.0	25.1	12.0	10.0	18.8	1.4			
		3.0	24.9	11.8	10.8	18.8	1.0			
		4.0	24.3	10.2	11.3	18.8	0.7			
		5.0	22.7	7.2	11.7	18.8	0.7			
		6.0	21.3	6.4						
		7.0	20.7	5.3						
		8.0	19.4	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	
Aug 1, 2011	13:14	11.7	2.0	0.6	67	89.6	69	123	65	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	27.3	11.6	9.0	21.0	0.5			
		2.0	26.9	9.0	10.0	20.5	0.5			
		3.0	26.4	7.4	10.7	20.1	0.6			
		4.0	25.4	5.1	11.2	19.8	0.6			
		5.0	24.8	3.4	11.6	19.6	0.6			
		6.0	24.5	2.5						
		7.0	23.5	0.5						
		8.0	22.8	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	
Oct 4, 2011	12:01	9.5	2.0	1.0	60	30.0	61	81	62	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	15.0	12.2	8.5	13.5	6.2			
		2.0	14.5	11.2	9.0	13.6	5.5			
		3.0	13.7	8.7	9.4	13.6	5.6			
		4.0	13.7	8.5						
		5.0	13.7	8.3						
		6.0	13.7	7.5						
		7.0	13.6	7.0						
		8.0	13.6	6.3						

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

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

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 2, 2011	9:35	6.9	2.0	0.9	62	15.4	55	101	64

Depth (m)	Temp (° C)	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	18.0	8.5									
2.0	18.0	8.5									
3.0	18.0	8.5									
4.0	18.0	8.5									
5.0	18.0	8.5									
5.9	17.9	8.4									
6.4	17.9	8.4									
6.8	17.9	8.3									

Jul 5, 2011	8:53	6.9	2.0	0.8	63	125.0	71	155	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	25.6	12.1									
2.0	25.5	11.6									
3.0	22.8	5.6									
4.0	22.1	4.3									
5.0	21.3	2.5									
5.9	21.0	1.5									
6.4	20.8	0.5									
6.8	20.4	0.5									

Aug 1, 2011	11:50	6.8	2.0	0.5	70	164.0	73	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	26.7	12.0									
2.0	26.4	9.2									
3.0	25.3	2.9									
4.0	24.9	1.3									
5.0	24.8	0.6									
5.8	24.7	0.5									
6.3	24.5	0.6									
6.7	24.4	0.6									

Oct 4, 2011	10:08	5.6	2.0	0.7	65	53.7	65	160	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	13.8	11.8									
2.0	13.3	9.7									
3.0	12.9	7.4									
4.0	12.9	7.1									
4.6	12.8	5.5									
5.1	12.8	5.4									
5.5	12.9	6.1									

(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 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 2, 2011	10:49	10.6	2.0	1.1	59	27.6	60	64	60																																																																																																															
<table border="1"> <thead> <tr> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>16.5</td><td>9.6</td><td>9.0</td><td>16.2</td><td>9.4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2.0</td><td>16.5</td><td>9.5</td><td>9.6</td><td>16.2</td><td>9.3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.0</td><td>16.5</td><td>9.6</td><td>10.1</td><td>16.2</td><td>9.0</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.0</td><td>16.5</td><td>9.6</td><td>10.5</td><td>16.2</td><td>8.6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.0</td><td>16.4</td><td>9.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6.0</td><td>16.3</td><td>9.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7.0</td><td>16.3</td><td>9.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8.0</td><td>16.3</td><td>9.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>													Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	1.0	16.5	9.6	9.0	16.2	9.4							2.0	16.5	9.5	9.6	16.2	9.3							3.0	16.5	9.6	10.1	16.2	9.0							4.0	16.5	9.6	10.5	16.2	8.6							5.0	16.4	9.6										6.0	16.3	9.5										7.0	16.3	9.5										8.0	16.3	9.4									
Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)																																																																																																													
1.0	16.5	9.6	9.0	16.2	9.4																																																																																																																			
2.0	16.5	9.5	9.6	16.2	9.3																																																																																																																			
3.0	16.5	9.6	10.1	16.2	9.0																																																																																																																			
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Jul 5, 2011	10:00	10.4	2.0	0.8	63	156.0	73	136	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)																																																																																																													
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7.0	19.8	3.5																																																																																																																						
8.0	19.6	2.3																																																																																																																						

Aug 1, 2011	12:45	10.6	2.0	0.5	70	107.0	70	142	67																																																																																																															
<table border="1"> <thead> <tr> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> <th>Depth (m)</th> <th>Temp (° C)</th> <th>DO (mg/l)</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>27.1</td><td>9.1</td><td>9.0</td><td>21.1</td><td>0.6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2.0</td><td>26.9</td><td>8.2</td><td>9.6</td><td>20.9</td><td>0.6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.0</td><td>26.6</td><td>6.7</td><td>10.1</td><td>20.5</td><td>0.6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.0</td><td>26.0</td><td>5.0</td><td>10.5</td><td>20.3</td><td>0.7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.0</td><td>25.0</td><td>2.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6.0</td><td>24.4</td><td>0.9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7.0</td><td>23.1</td><td>0.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8.0</td><td>22.1</td><td>0.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>													Depth (m)	Temp (° C)	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	9.1	9.0	21.1	0.6							2.0	26.9	8.2	9.6	20.9	0.6							3.0	26.6	6.7	10.1	20.5	0.6							4.0	26.0	5.0	10.5	20.3	0.7							5.0	25.0	2.2										6.0	24.4	0.9										7.0	23.1	0.5										8.0	22.1	0.5									
Depth (m)	Temp (° C)	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	9.1	9.0	21.1	0.6																																																																																																																			
2.0	26.9	8.2	9.6	20.9	0.6																																																																																																																			
3.0	26.6	6.7	10.1	20.5	0.6																																																																																																																			
4.0	26.0	5.0	10.5	20.3	0.7																																																																																																																			
5.0	25.0	2.2																																																																																																																						
6.0	24.4	0.9																																																																																																																						
7.0	23.1	0.5																																																																																																																						
8.0	22.1	0.5																																																																																																																						

(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
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 2, 2011	10:11	8.0	2.0	1.1	59	12.0	54	73	61

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	17.1	8.7	7.9	17.1	8.8						
2.0	17.0	8.7									
3.0	17.1	8.5									
4.0	17.2	8.8									
5.0	17.2	8.9									
6.0	17.2	8.8									
7.0	17.1	8.8									
7.5	17.1	8.8									

Jul 5, 2011	9:26	7.8	2.0	1.0	60	67.5	67	94	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	24.8	11.7	7.7	20.5	0.8						
2.0	24.0	8.8									
3.0	23.3	7.3									
4.0	22.3	5.6									
5.0	21.5	4.1									
6.0	20.8	1.9									
6.8	20.6	1.3									
7.3	20.6	1.0									

Aug 1, 2011	12:19	7.9	2.0	0.6	67	76.2	68	139	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	26.1	9.8	7.8	23.5	0.6						
2.0	25.7	5.9									
3.0	25.2	3.7									
4.0	24.8	1.8									
5.0	24.6	1.1									
6.0	24.5	0.9									
6.9	24.2	0.5									
7.4	23.8	0.6									

Oct 4, 2011	11:05	7.2	2.0	0.8	63	32.5	61	109	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	14.4	11.6									
2.0	13.5	9.1									
3.0	13.1	7.3									
4.0	13.0	6.6									
5.0	13.0	6.3									
6.2	13.2	6.4									
6.7	13.1	5.4									
7.1	13.1	4.8									

(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
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 8, 2011	16:18	4.9	2.0	3.1	44	5.8	48	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	25.5	9.2									
2.0	25.1	9.0									
3.0	24.5	9.1									
3.9	23.6	8.8									
4.4	21.1	9.3									
4.8	19.7	3.9									

Jul 12, 2011	15:41	4.2	2.0	3.4	42	4.2	46	15	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	25.8	9.2									
2.0	25.4	9.2									
3.2	25.1	8.9									
3.7	24.4	8.5									
4.1	22.8	0.7									

Aug 8, 2011	16:15	5.5	2.0	2.8	45	5.1	47	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	25.6	9.2									
2.0	25.2	9.2									
3.0	24.2	8.8									
4.0	23.4	0.5									
4.5	17.7	0.7									
5.0	16.9	0.7									
5.4	17.0	0.9									

Oct 18, 2011	12:15	5.8	2.0	2.5	47	9.7	52	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	8.7	10.4									
2.0	8.7	10.4									
3.0	8.7	10.3									
4.0	8.7	10.2									
4.8	8.7	10.1									
5.3	8.8	9.7									
5.7	10.8	1.3									

(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
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 9, 2011	10:23	6.7	2.0	2.2	49	7.9	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	21.9	8.5									
2.0	21.8	8.4									
3.0	21.5	8.2									
4.0	18.2	7.7									
5.0	16.2	0.5									
5.7	15.3	0.5									
6.2	14.6	0.5									
6.6	13.4	0.7									

Jul 11, 2011	14:40	6.6	2.0	2.2	49	9.4	52	26	53
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	26.2	8.9									
2.0	26.1	8.8									
3.0	24.6	8.0									
4.0	21.7	4.8									
5.0	17.1	0.7									
5.6	16.4	0.5									
6.1	15.6	0.5									
6.5	14.7	0.6									

Aug 4, 2011	14:57	6.6	2.0	1.2	57	25.6	59	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	25.5	9.6									
2.0	25.1	9.5									
3.0	24.0	7.1									
4.0	23.0	2.7									
5.0	19.3	0.6									
5.6	17.1	0.6									
6.1	16.4	0.7									
6.5	15.9	0.7									

Oct 19, 2011	10:06	6.7	2.0	2.1	49	17.7	57	40	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	10.0	8.9									
2.0	10.0	8.6									
3.0	10.1	8.8									
4.0	10.0	8.9									
5.0	10.0	8.9									
5.7	9.9	8.9									
6.2	9.9	8.2									
6.6	11.0	1.0									

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

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Site STORET Description
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 9, 2011	9:54	16.7	2.0	2.2	49	13.9	55	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	20.3	9.6	9.0	8.3	4.2	16.2	7.2	0.7			
	2.0	20.2	9.6	10.0	7.9	2.9	16.6	7.4	0.7			
	3.0	19.8	9.7	11.0	7.5	2.0						
	4.0	15.9	10.0	12.0	7.5	1.9						
	5.0	14.6	9.4	13.0	7.4	1.8						
	6.0	12.7	9.1	14.0	7.4	1.5						
	7.0	10.8	7.7	15.0	7.3	1.2						
	8.0	9.4	6.4	15.7	7.3	0.6						

Jul 11, 2011	14:02	16.5	2.0	3.6	42	5.5	48	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	25.9	8.9	9.0	10.1	0.8	16.0	7.4	0.7			
	2.0	25.8	8.9	10.0	8.2	0.6	16.4	7.8	0.8			
	3.0	25.5	8.9	11.0	7.9	0.6						
	4.0	24.9	9.0	12.0	7.7	0.6						
	5.0	21.1	10.8	13.0	7.6	0.6						
	6.0	17.2	9.5	14.0	7.4	0.7						
	7.0	14.5	9.2	15.0	7.4	0.7						
	8.0	12.2	4.6	15.5	7.4	0.7						

Aug 4, 2011	15:18	16.8	2.0	2.7	46	6.3	49	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	25.3	8.9	9.0	9.3	0.7	16.3	7.4	0.7			
	2.0	25.2	8.9	10.0	8.6	0.7	16.7	7.6	0.8			
	3.0	25.0	8.9	11.0	8.1	0.7						
	4.0	24.3	8.8	12.0	7.7	0.7						
	5.0	19.0	10.0	13.0	7.6	0.7						
	6.0	15.7	6.4	14.0	7.5	0.7						
	7.0	12.5	0.7	15.0	7.5	0.7						
	8.0	10.6	0.6	15.8	7.4	0.8						

Oct 26, 2011	12:54	16.4	2.0	3.0	44	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	9.7	7.4	9.0	9.6	7.4	15.9	7.8	1.0			
	2.0	9.6	7.4	10.0	9.6	7.3	16.3	7.8	1.1			
	3.0	9.6	7.4	11.0	9.5	6.5						
	4.0	9.6	7.4	12.0	9.4	5.5						
	5.0	9.7	7.3	13.0	8.8	3.2						
	6.0	9.6	7.0	14.0	8.0	1.0						
	7.0	9.6	7.4	15.0	7.9	1.0						
	8.0	9.6	7.4	15.4	7.9	1.0						

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

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

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

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Site STORET Description
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 7, 2011	14:09	10.7	2.0	2.7	46	2.0	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	21.2	9.2	9.0	17.2	6.8						
	2.0	18.6	9.4	9.7	17.1	0.5						
	3.0	18.0	9.0	10.3	17.0	0.5						
	4.0	17.5	8.0	10.6	16.7	0.5						
	5.0	17.2	7.4									
	6.0	17.2	7.2									
	7.0	17.2	7.2									
	8.0	17.2	7.1									

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			
Jul 12, 2011	10:22	12.5	2.0	2.9	45	5.6	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	24.1	8.5	9.0	18.3	1.7						
	2.0	24.0	8.4	10.0	18.2	1.5						
	3.0	23.6	7.7	11.0	18.1	1.5						
	4.0	23.4	7.9	11.5	18.1	1.5						
	5.0	23.1	7.6	12.0	18.0	1.4						
	6.0	19.3	2.3	12.4	18.0	1.2						
	7.0	18.8	1.8									
	8.0	18.6	1.7									

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 8, 2011	11:48	10.3	2.0	2.0	50	9.0	51	37	56			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	1.0	24.2	9.3	9.3	21.0	0.6						
	2.0	24.1	9.3	9.8	19.5	0.6						
	3.0	23.9	9.1	10.2	18.5	0.7						
	4.0	23.7	8.5									
	5.0	23.4	6.6									
	6.0	23.0	3.9									
	7.0	22.7	2.6									
	8.0	21.9	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			
Oct 18, 2011	11:03	11.1	2.0	1.9	51	19.2	57	47	58			
	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
	1.0	8.8	10.2	9.0	8.8	9.9						
	2.0	8.8	10.2	10.1	8.7	9.8						
	3.0	8.8	10.2	10.6	8.7	9.4						
	4.0	8.8	10.1	11.0	8.8	1.2						
	5.0	8.8	10.0									
	6.0	8.8	10.0									
	7.0	8.8	10.0									
	8.0	8.8	10.0									

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

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Site STORET Description

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

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 13, 2011	15:13	12.7	2.0	4.6	38	2.7	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	20.0	9.1	9.0	12.4	1.4						
2.0	19.1	9.3	10.0	10.8	0.5						
3.0	18.8	9.1	11.0	9.7	0.6						
4.0	18.5	8.8	11.7	9.2	0.6						
5.0	17.8	8.0	12.2	9.0	0.6						
6.0	16.4	7.3	12.6	9.0	0.6						
7.0	14.4	5.0									
8.0	13.4	3.1									

Jul 11, 2011	10:21	13.1	2.0	4.6	38	3.0	43	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	25.0	8.5	9.0	12.6	0.6						
2.0	24.9	8.4	10.0	11.4	0.6						
3.0	24.8	8.4	11.0	10.4	0.7						
4.0	24.6	8.3	12.1	9.8	0.7						
5.0	20.6	8.3	12.6	9.7	0.8						
6.0	18.6	4.8	13.0	9.9	0.8						
7.0	16.2	0.6									
8.0	14.4	0.6									

Aug 3, 2011	14:12	13.3	2.0	4.4	39	5.7	48	19	51
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	25.1	8.0	9.0	13.7	0.6						
2.0	25.0	8.1	10.0	11.9	0.6						
3.0	24.8	7.8	11.0	11.0	0.7						
4.0	24.2	7.1	12.3	10.5	0.7						
5.0	23.6	5.9	12.8	10.4	0.7						
6.0	19.8	0.8	13.2	10.5	0.8						
7.0	17.0	0.9									
8.0	14.4	0.6									

Oct 19, 2011	12:56	12.5	2.0	4.1	40	5.6⁽³⁾	48	21	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	11.4	9.1	9.0	11.4	9.0						
2.0	11.4	9.1	10.0	11.1	9.0						
3.0	11.4	9.1	11.0	10.8	8.9						
4.0	11.4	9.1	11.5	10.6	8.8						
5.0	11.3	9.1	12.0	10.6	8.7						
6.0	11.4	9.1	12.4	10.6	8.6						
7.0	11.3	9.1									
8.0	11.4	9.0									

(1) Low Absorbance result approx

(2) Holding time exceeded

(3) Duplicate QC exceeded

(4) Lab Accident/Lost Sample

(5) Sample rec'd with ice melted

(6) Instrument Error result approx

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Site STORET Description
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 13, 2011	11:47	14.0	2.0	5.9	34	0.8	33	13	48

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	19.6	8.9	9.0	6.7	7.3						
2.0	19.1	9.0	10.0	6.6	6.4						
3.0	18.7	9.0	11.0	6.4	4.6						
4.0	18.3	9.0	12.0	6.3	4.7						
5.0	15.4	10.2	13.0	6.4	4.6						
6.0	10.8	11.2	13.5	6.3	2.9						
7.0	8.5	10.4	13.9	7.3	0.8						
8.0	7.4	9.1									

Jul 11, 2011	11:39	13.8	2.0	5.8	35	1.2	36	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	25.2	8.3	9.0	7.5	5.1						
2.0	24.9	8.3	10.0	7.1	3.0						
3.0	24.1	8.4	11.0	6.8	1.2						
4.0	22.9	9.1	12.0	6.6	0.8						
5.0	19.3	9.6	12.8	6.7	0.8						
6.0	14.6	10.6	13.3	6.8	0.8						
7.0	11.2	10.4	13.7	7.9	0.9						
8.0	8.4	8.0									

Aug 3, 2011	15:58	14.5	2.0	5.6	35	1.6	38	12	47
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	25.0	8.3	9.0	8.5	4.1						
2.0	24.8	8.3	10.0	7.7	1.5						
3.0	24.4	8.2	11.0	7.3	0.8						
4.0	24.2	8.2	12.0	7.1	0.8						
5.0	22.2	9.0	13.0	7.0	0.8						
6.0	15.5	10.3	13.5	7.0	0.8						
7.0	12.4	9.6	14.0	7.1	0.8						
8.0	9.5	6.5	14.4	7.5	1.0						

Oct 26, 2011	10:25	13.1	2.0	2.8	45	3.0	43	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	10.0	8.6	9.0	9.9	8.5						
2.0	10.0	8.6	10.0	9.8	8.4						
3.0	10.0	8.6	11.0	9.7	8.4						
4.0	10.0	8.5	12.1	9.5	7.9						
5.0	10.0	8.5	12.6	9.4	7.4						
6.0	9.9	8.5	13.0	9.2	5.8						
7.0	9.9	8.5									
8.0	9.9	8.5									

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

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Site STORET Description
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 13, 2011	12:25	23.0	2.0	6.3	33	1.1	36	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	18.5	9.4	9.0	12.4	10.0	17.0	8.5	8.6			
	2.0	18.3	9.4	10.0	11.1	9.8	18.0	8.4	8.4			
	3.0	17.7	9.3	11.0	10.8	9.6	19.0	8.3	8.3			
	4.0	17.5	9.3	12.0	9.9	9.4	20.0	8.3	8.1			
	5.0	16.8	9.4	13.0	9.2	9.0	21.0	8.2	8.0			
	6.0	16.6	9.4	14.0	9.0	8.7	22.0	8.1	7.3			
	7.0	16.1	9.5	15.0	8.8	8.8	22.5	8.2	7.1			
	8.0	14.0	10.0	16.0	8.7	8.7	22.9	8.4	6.8			

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 11, 2011	12:27	22.7	2.0	6.4	33	13.8	55	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	24.2	8.6	9.0	16.3	9.1	17.0	8.8	5.5			
	2.0	24.1	8.7	10.0	14.7	8.9	18.0	8.6	5.1			
	3.0	23.9	8.7	11.0	12.1	8.5	19.0	8.6	4.9			
	4.0	23.6	8.7	12.0	10.6	7.8	20.0	8.5	2.9			
	5.0	21.3	9.5	13.0	9.8	7.1	21.0	8.4	0.6			
	6.0	19.7	9.6	14.0	9.5	6.4	21.7	8.3	0.6			
	7.0	18.5	9.4	15.0	9.1	5.9	22.2	8.3	0.7			
	8.0	17.7	9.3	16.0	9.0	5.6	22.6	8.3	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 3, 2011	15:07	22.8	2.0	6.2	34	2.5	42	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)
				8.0	18.2	9.1	16.0	9.5	4.1	22.7	9.5	0.9
	1.0	24.6	8.5	9.0	16.3	8.5	17.0	9.3	3.8			
	2.0	24.5	8.4	10.0	13.9	7.7	18.0	9.2	3.6			
	3.0	24.3	8.5	11.0	12.6	6.4	19.0	9.0	3.0			
	4.0	24.1	8.5	12.0	11.3	5.6	20.0	8.9	2.2			
	5.0	23.9	8.6	13.0	10.1	4.2	21.0	8.8	0.8			
	6.0	23.7	8.6	14.0	10.0	4.5	21.8	8.8	0.8			
	7.0	20.4	8.9	15.0	9.7	4.2	22.3	8.9	0.8			

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 26, 2011	11:24	22.5	2.0	4.0	40	3.0	43	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	10.7	9.0	9.0	10.7	8.8	17.0	10.6	8.7			
	2.0	10.7	9.0	10.0	10.6	8.8	18.0	10.6	8.6			
	3.0	10.7	9.0	11.0	10.6	8.7	19.0	10.5	8.6			
	4.0	10.7	8.9	12.0	10.6	8.8	20.0	10.5	8.6			
	5.0	10.7	8.9	13.0	10.6	8.7	21.0	10.5	8.5			
	6.0	10.7	8.9	14.0	10.6	8.6	21.5	10.5	8.2			
	7.0	10.6	8.9	15.0	10.6	8.7	22.0	10.4	7.4			
	8.0	10.7	8.8	16.0	10.6	8.7	22.4	9.9	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
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 8, 2011	15:37	1.2	1.2	> 1.2	<u>57</u>	10.4	<u>53</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)
	1.1	26.2	7.1									

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			
Jul 13, 2011	8:54	1.5	1.5	> 1.5	<u>54</u>	3.8	<u>45</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	22.5	6.5									
	1.4	22.4	6.5									

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			
Aug 10, 2011	10:32	1.4	1.4	> 1.4	<u>55</u>	5.0	<u>47</u>	27	<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	8.0									
	1.3	20.7	7.8									

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, 2011	13:21	1.4	1.4	> 1.4	<u>55</u>	11.4	<u>53</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)
	0.4	6.8	11.2									
	1.0	6.8	11.2									
	1.3	6.8	11.2									

(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
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 14, 2011	15:05	4.8	2.0	0.9	62	7.9	50	37	56

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	21.1	8.4									
2.0	21.0	8.2									
3.0	20.7	8.2									
3.8	17.4	6.0									
4.3	17.1	5.4									
4.7	16.9	4.1									

Jul 11, 2011	16:30	4.7	2.0	0.9	62	7.5	50	29	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	25.6	6.9									
2.0	23.4	5.8									
3.0	20.0	3.0									
3.7	18.2	1.6									
4.2	17.6	0.6									
4.6	17.2	0.7									

Aug 10, 2011	8:38	4.8	2.0	0.7	65	10.8	53	29	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	22.2	6.3									
2.0	22.2	6.1									
3.0	22.1	6.0									
3.8	21.7	5.7									
4.3	19.1	0.7									
4.7	18.2	0.7									

Oct 10, 2011	12:15	5.6	2.0	1.4	55	4.7	46	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	16.2	8.8									
2.0	16.0	8.7									
3.0	15.8	8.3									
4.0	15.5	8.0									
4.6	13.6	6.6									
5.1	13.0	5.9									
5.5	12.8	5.3									

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

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Site STORET Description
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 14, 2011	14:31	3.4	2.0	0.9	62	6.7	49	42	57

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	20.6	8.2									
2.0	20.5	8.1									
2.4	20.4	8.1									
2.9	17.4	6.0									
3.3	16.9	3.2									

Jul 11, 2011	15:59	3.5	2.0	0.6	67	9.0	51	38	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	26.4	7.2									
2.0	26.3	7.1									
2.5	24.9	6.4									
3.0	24.5	6.0									
3.4	23.8	0.5									

Aug 10, 2011	7:55	3.7	2.0	0.5	70	26.4	60	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	21.9	6.8									
2.0	21.9	6.8									
2.7	21.8	6.8									
3.2	21.9	6.7									
3.6	21.8	0.6									

Oct 10, 2011	11:34	3.1	2.0	1.2	57	5.9	48	51	59
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	16.5	8.8									
2.0	16.4	8.6									
2.6	16.4	8.5									
3.0	15.7	7.4									

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

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Site STORET Description
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 9, 2011	11:33	5.8	2.0	3.3	43	4.7	47	23	52

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	21.2	8.2									
2.0	21.2	8.2									
3.0	21.2	8.1									
4.0	21.1	8.0									
4.8	20.2	6.8									
5.3	17.9	0.5									
5.7	17.1	0.6									

Jul 20, 2011	10:18	5.8	2.0	3.5	42	5.4	48	28	54
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	25.1	8.6									
2.0	24.9	8.6									
3.0	24.4	8.0									
4.0	22.5	5.3									
4.8	21.7	2.3									
5.3	20.7	0.5									
5.7	20.1	0.5									

Aug 4, 2011	13:13	5.9	2.0	1.8	52	17.1	56	42	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.8	9.1									
2.0	24.3	8.0									
3.0	24.2	7.4									
4.0	23.8	0.5									
4.9	23.2	0.5									
5.4	21.8	0.5									
5.8	21.4	0.5									

Oct 17, 2011	10:51	5.8	2.0	4.4	39	3.4	44	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	11.2	8.8									
2.0	11.2	8.8									
3.0	11.2	8.8									
4.0	11.2	8.7									
4.8	11.2	8.6									
5.3	11.2	8.5									
5.7	11.2	8.1									

(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
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, 2011	16:10	7.1	2.0	2.7	46	6.9	49	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	20.8	8.9									
2.0	20.5	8.6									
3.0	18.6	7.9									
4.0	18.3	7.7									
5.0	17.9	7.2									
6.1	17.8	6.6									
6.6	17.6	6.1									
7.0	17.6	6.1									

Jul 7, 2011	13:19	8.3	2.0	2.3	48	14.7	55	33	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
			8.2	17.9	0.6						
1.0	24.0	8.2									
2.0	24.0	8.2									
3.0	23.0	7.3									
4.0	22.2	6.4									
5.0	19.7	3.8									
6.0	19.2	3.2									
7.3	18.1	1.9									
7.8	17.9	1.8									

Aug 3, 2011	11:20	7.8	2.0	1.8	52	8.4	51	42	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
			7.7	20.4	0.6						
1.0	24.2	6.7									
2.0	23.7	6.6									
3.0	23.7	6.5									
4.0	23.6	6.4									
5.0	23.3	6.2									
6.0	23.2	5.9									
6.8	22.8	4.7									
7.3	21.3	0.6									

Oct 6, 2011	14:39	6.3	2.0	1.9	51	13.0	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	14.6	10.3									
2.0	14.2	10.1									
3.0	12.4	6.5									
4.0	12.3	6.4									
5.3	12.2	5.8									
5.8	12.2	5.5									
6.2	12.2	5.5									

(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
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 14, 2011	10:45	5.4	2.0	2.2	49	7.4	50	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	19.8	8.2									
2.0	19.8	8.1									
3.0	19.7	8.1									
4.0	18.2	5.6									
4.4	17.9	5.9									
4.9	17.6	5.9									
5.3	17.7	5.8									

Jul 6, 2011	13:05	5.7	2.0	1.6	53	14.8	55	34	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.5	8.4									
2.0	24.2	7.8									
3.0	23.8	7.5									
4.0	21.3	2.5									
4.7	20.5	1.2									
5.2	20.1	0.8									
5.6	19.7	0.5									

Aug 3, 2011	10:00	6.2	2.0	1.2	57	22.4	58	49	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	24.0	6.7									
2.0	23.9	6.7									
3.0	23.7	7.0									
4.0	23.6	6.9									
5.2	23.6	6.8									
5.7	23.6	6.7									
6.1	23.6	6.7									

Oct 5, 2011	15:14	4.3	2.0	1.8	52	8.0	51	37	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	14.8	10.4									
2.0	12.5	8.3									
3.3	12.3	8.1									
3.8	12.3	8.1									
4.2	12.2	7.8									

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

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Site STORET Description
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 14, 2011	9:11	17.8	2.0	4.9	37	3.0	43	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	20.0	9.0	9.0	6.9	5.8	16.8	6.3	3.3			
2.0	19.8	9.0	10.0	6.6	5.0	17.2	6.4	2.8			
3.0	18.8	9.0	11.0	6.5	4.3	17.7	6.5	2.0			
4.0	17.2	9.4	12.0	6.4	4.2						
5.0	12.9	10.4	13.0	6.4	3.9						
6.0	9.0	8.9	14.0	6.4	3.8						
7.0	8.0	7.6	15.0	6.4	3.7						
8.0	7.3	6.4	16.0	6.3	3.5						

Jul 6, 2011	10:50	19.5	2.0	4.2	39	2.7	42	11	47
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	25.0	8.5	9.0	7.3	3.1	17.0	6.5	1.0			
2.0	24.6	8.4	10.0	6.9	2.3	18.0	6.4	0.6			
3.0	23.8	8.9	11.0	6.7	1.9	18.5	6.5	0.7			
4.0	20.0	9.1	12.0	6.6	1.7	19.0	6.9	0.7			
5.0	16.0	9.3	13.0	6.5	1.4	19.4	7.1	0.8			
6.0	12.2	9.1	14.0	6.5	1.2						
7.0	9.1	6.5	15.0	6.5	1.1						
8.0	7.9	4.8	16.0	6.5	1.0						

Aug 3, 2011	8:41	17.7	2.0	4.3	39	3.8	45	10	46
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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	7.9	9.0	7.5	1.1	16.7	6.7	0.9			
2.0	24.3	7.9	10.0	7.1	0.8	17.2	6.7	0.9			
3.0	24.2	7.8	11.0	6.9	0.8	17.6	7.2	0.9			
4.0	21.8	8.7	12.0	6.8	0.8						
5.0	16.1	9.6	13.0	6.8	0.8						
6.0	11.6	7.7	14.0	6.7	0.8						
7.0	9.3	4.4	15.0	6.7	0.9						
8.0	8.1	2.0	16.0	6.7	0.9						

Oct 31, 2011	8:47	18.2	2.0	2.7	46	4.6	46	19	51
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	8.5	8.4	9.0	8.5	8.2	17.2	7.0	1.1			
2.0	8.5	8.3	10.0	8.5	8.1	17.7	7.0	1.1			
3.0	8.5	8.3	11.0	8.5	7.9	18.1	7.0	1.2			
4.0	8.5	8.3	12.0	8.4	7.5						
5.0	8.5	8.3	13.0	8.1	4.2						
6.0	8.5	8.3	14.0	7.1	1.0						
7.0	8.5	8.2	15.0	7.0	1.1						
8.0	8.5	8.2	16.0	7.0	1.1						

(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
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 14, 2011	9:45	5.6	2.0	3.0	44	7.1	50	37	56

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	20.0	8.1									
2.0	19.8	7.9									
3.0	18.8	5.8									
4.0	18.4	4.1									
4.6	18.1	3.2									
5.1	17.1	0.7									
5.5	16.7	0.6									

Jul 6, 2011	11:38	5.7	2.0	1.5	54	32.6	61	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	25.1	10.1									
2.0	24.5	8.3									
3.0	21.8	3.7									
4.0	19.9	0.5									
4.7	19.2	0.5									
5.2	18.9	0.5									
5.6	18.9	0.5									

Aug 3, 2011	9:20	5.1	2.0	1.3	56	31.3	61	44	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	24.1	6.1									
2.0	24.0	5.8									
3.0	24.0	5.4									
4.1	23.8	5.1									
4.6	21.7	0.6									
5.0	20.5	0.6									

Oct 5, 2011	14:16	4.0	2.0	1.9	51	13.2	54	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	14.4	8.0									
2.0	14.2	7.7									
3.0	13.0	3.6									
3.5	12.9	3.2									
3.9	13.0	0.7									

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

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Site STORET Description
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 9, 2011	14:45	5.6	2.0	0.8	63	3.2	44	43	57

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	21.2	7.8									
2.0	21.1	7.8									
3.0	20.7	7.7									
4.0	17.5	5.5									
4.6	15.9	4.8									
5.1	15.3	4.0									
5.5	14.9	3.2									

Jul 7, 2011	15:49	5.7	2.0	0.6	67	17.5	56	46	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	22.8	5.6									
2.0	22.6	5.7									
3.0	20.6	5.2									
4.0	17.8	3.4									
4.7	16.6	1.6									
5.2	16.1	0.6									
5.6	16.3	0.8									

Aug 10, 2011	14:06	5.7	2.0	0.9	62	6.9	49	40	57
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	22.3	6.9									
2.0	22.3	6.8									
3.0	22.1	6.5									
4.0	20.2	1.4									
4.7	18.8	0.6									
5.2	17.4	0.7									
5.6	16.6	0.7									

Oct 10, 2011	13:50	5.5	2.0	1.1	59	11.4	53	48	58
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	15.1	8.7									
2.0	15.0	8.7									
3.0	15.0	8.6									
4.0	14.9	8.3									
4.5	14.0	6.1									
5.0	13.7	4.8									
5.4	13.2	2.1									

(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 9, 2011	13:47	9.6	2.0	1.3	56	4.8	47	35	56	
		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	8.4	8.6	13.3	4.4			
		2.0	19.9	8.4	9.1	13.1	3.6			
		3.0	19.8	8.4	9.5	12.8	0.7			
		4.0	19.5	8.3						
		5.0	18.1	8.0						
		6.0	15.7	7.5						
		7.0	14.7	6.6						
		8.0	13.7	5.2						

Jul 7, 2011	14:51	10.3	2.0	1.8	52	12.8	54	30	54	
		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	9.2	13.9	0.6			
		2.0	23.8	8.6	9.7	13.8	0.6			
		3.0	20.7	6.9	10.2	13.9	0.7			
		4.0	19.8	6.5						
		5.0	18.1	5.5						
		6.0	17.1	4.7						
		7.0	16.7	4.0						
		8.0	16.0	3.1						

Aug 10, 2011	14:59	9.9	2.0	1.8	52	2.8	43	24	53	
		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	6.7	8.9	14.7	0.6			
		2.0	22.5	6.7	9.4	14.4	0.7			
		3.0	22.5	6.5	9.8	14.8	0.7			
		4.0	22.3	6.3						
		5.0	19.9	0.6						
		6.0	17.8	0.6						
		7.0	16.6	0.6						
		8.0	15.5	0.6						

Oct 17, 2011	13:01	9.7	2.0	1.5	54	13.9	55	44	57	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	12.1	9.2	8.7	11.8	8.7			
		2.0	12.0	9.2	9.2	11.8	0.9			
		3.0	12.0	9.2	9.6	11.7	0.9			
		4.0	12.0	9.1						
		5.0	11.9	9.1						
		6.0	11.9	9.1						
		7.0	11.9	8.9						
		8.0	11.8	8.8						

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

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

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

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Site 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 9, 2011	14:08	6.5	2.0	0.9	62	2.9	43	37	56

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	20.7	7.9									
2.0	20.6	7.8									
3.0	20.6	7.8									
4.0	20.2	7.5									
5.0	17.8	5.6									
5.5	17.7	5.3									
6.0	17.5	4.7									
6.4	17.3	4.6									

Jul 7, 2011	15:20	6.3	2.0	1.1	59	14.6	55	33	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.4	8.0									
2.0	24.3	7.9									
3.0	24.1	7.6									
4.0	19.1	3.5									
5.3	18.3	1.9									
5.8	18.2	1.6									
6.2	18.2	1.5									

Aug 10, 2011	14:35	6.0	2.0	1.0	60	9.0	51	35	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	22.8	7.7									
2.0	22.7	7.6									
3.0	22.7	7.5									
4.0	22.6	7.4									
5.0	22.6	7.2									
5.5	22.5	7.1									
5.9	22.4	7.0									

Oct 17, 2011	12:33	6.4	2.0	1.2	57	15.4	55	51	59
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	10.8	9.6									
2.0	10.7	9.6									
3.0	10.8	9.6									
4.0	10.7	9.5									
5.0	10.7	9.5									
5.4	10.7	9.4									
5.9	10.7	9.1									
6.3	10.8	1.5									

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

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Site STORET Description
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 8, 2011	14:50	13.3	2.0	2.8	45	10.4	53	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	21.0	9.4	9.0	9.7	6.3						
2.0	19.5	9.5	10.0	9.2	6.3						
3.0	16.2	9.4	11.0	8.5	4.5						
4.0	15.1	8.9	12.3	8.1	2.7						
5.0	14.6	8.6	12.8	8.2	2.4						
6.0	13.7	8.3	13.2	8.7	0.7						
7.0	13.1	8.1									
8.0	11.4	7.4									

Jul 13, 2011	9:38	13.3	2.0	3.1	44	6.4	49	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	23.1	8.0	9.0	10.6	2.5						
2.0	23.1	8.0	10.0	9.6	1.2						
3.0	23.0	8.0	11.0	8.9	0.7						
4.0	22.7	7.9	12.3	8.5	0.7						
5.0	17.2	5.3	12.8	8.7	0.7						
6.0	15.2	4.5	13.2	8.8	0.8						
7.0	13.4	3.7									
8.0	11.7	3.1									

Aug 10, 2011	11:10	13.4	2.0	3.2	43	1.9	40	17	50
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	22.7	7.9	9.0	10.5	0.7						
2.0	22.7	7.9	10.0	9.8	0.8						
3.0	22.6	7.8	11.0	9.1	0.8						
4.0	22.6	7.7	12.4	8.7	0.8						
5.0	21.1	3.7	12.9	8.7	0.9						
6.0	16.7	0.9	13.3	9.4	0.9						
7.0	13.4	0.9									
8.0	11.5	0.7									

Oct 18, 2011	14:34	12.7	2.0	2.0	50	6.1	48	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	11.5	8.9	9.0	11.4	8.5						
2.0	11.5	8.8	10.0	11.4	8.5						
3.0	11.4	8.8	11.0	11.3	8.4						
4.0	11.4	8.8	11.7	11.2	8.2						
5.0	11.4	8.7	12.2	11.1	1.2						
6.0	11.4	8.7	12.6	10.9	1.0						
7.0	11.4	8.6									
8.0	11.4	8.6									

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

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

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

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Site STORET Description
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 14, 2011	8:05	5.8	2.0	1.7	<u>52</u>	4.4	<u>46</u>	35	<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	19.8	7.6									
2.0	19.1	7.0									
3.0	18.8	6.6									
4.0	18.4	6.0									
4.8	18.2	5.7									
5.3	18.1	5.4									
5.7	17.8	4.9									

Jul 6, 2011	15:20	6.3	2.0	1.3	<u>56</u>	12.7	<u>54</u>	50	<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	25.8	7.6									
2.0	25.1	6.8									
3.0	23.9	5.0									
4.0	19.3	2.4									
5.3	18.4	1.5									
5.8	18.2	1.4									
6.2	18.0	0.6									

Aug 4, 2011	8:18	6.2	2.0	1.0	<u>60</u>	23.9	<u>59</u>	53	<u>59</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	24.9	6.8									
2.0	24.8	6.6									
3.0	24.4	5.7									
4.0	23.8	4.0									
5.2	22.3	0.6									
5.7	21.9	0.7									
6.1	21.0	0.7									

Oct 5, 2011	11:25	4.1	2.0	1.0	<u>60</u>	10.4	<u>53</u>	72	<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	15.1	9.3									
2.0	12.8	7.8									
3.1	12.4	7.3									
3.6	12.3	7.3									
4.0	12.3	7.3									

(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
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 13, 2011	10:07	12.0	2.0	3.7	41	6.7	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	18.8	8.6	9.0	17.5	7.5						
2.0	18.4	8.4	10.0	17.5	7.2						
3.0	18.3	8.0	11.0	17.4	7.2						
4.0	18.1	7.9	11.5	17.3	6.7						
5.0	17.7	7.7	11.9	17.2	0.9						
6.0	17.7	7.6									
7.0	17.7	7.4									
8.0	17.6	7.5									

Jul 6, 2011	8:57	12.1	2.0	3.7	41	4.2	46	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	23.7	8.5	9.0	19.5	3.2						
2.0	23.3	8.4	10.0	19.5	3.0						
3.0	23.2	8.2	11.1	19.5	2.9						
4.0	23.1	8.0	11.6	19.4	0.5						
5.0	21.2	6.4	12.0	19.1	0.5						
6.0	20.4	5.1									
7.0	19.6	3.4									
8.0	19.6	3.4									

Aug 8, 2011	9:51	12.3	2.0	2.1	49	22.9	58	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	24.6	9.2	9.0	23.3	1.8						
2.0	24.5	9.0	10.0	23.1	1.2						
3.0	24.4	8.6	11.3	22.9	0.5						
4.0	24.3	8.3	11.8	22.4	0.5						
5.0	24.0	6.1	12.2	21.5	0.6						
6.0	23.7	4.4									
7.0	23.5	3.6									
8.0	23.4	2.4									

Oct 10, 2011	10:10	11.7	2.0	3.4	42	5.2	47	22	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	14.9	9.2	9.0	14.5	8.2						
2.0	14.9	9.2	10.0	14.6	8.0						
3.0	14.8	9.1	10.7	14.6	8.1						
4.0	14.8	9.0	11.2	14.6	8.0						
5.0	14.8	8.9	11.6	14.6	1.5						
6.0	14.7	8.6									
7.0	14.6	8.4									
8.0	14.6	8.1									

(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
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 13, 2011	14:14	13.9	2.0	4.1	40	4.4	46	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	20.1	9.4	9.0	15.8	5.4						
2.0	19.3	9.4	10.0	14.9	3.5						
3.0	18.5	9.5	11.0	14.7	3.0						
4.0	18.2	9.1	12.0	14.5	0.5						
5.0	17.9	8.2	12.9	14.4	0.5						
6.0	17.7	7.9	13.4	14.3	0.5						
7.0	17.2	6.6	13.8	14.3	0.5						
8.0	16.3	5.9									

Jul 11, 2011	9:24	12.7	2.0	3.4	42	5.3	47	19	51
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.6	8.4	9.0	16.0	0.7						
2.0	24.5	8.4	10.0	15.3	0.6						
3.0	24.4	8.3	11.0	15.2	0.6						
4.0	23.4	7.8	11.7	15.1	0.6						
5.0	20.9	6.1	12.2	15.0	0.6						
6.0	18.3	2.6	12.6	15.1	0.6						
7.0	17.5	1.7									
8.0	16.8	1.2									

Aug 3, 2011	13:01	14.0	2.0	3.1	44	7.5	50	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	24.5	7.7	9.0	16.8	0.5						
2.0	24.5	7.7	10.0	16.0	0.6						
3.0	24.4	7.7	11.0	15.7	0.6						
4.0	24.3	7.5	12.0	15.7	0.6						
5.0	24.0	7.4	13.0	15.7	0.6						
6.0	23.7	6.7	13.5	15.7	0.6						
7.0	20.2	0.5	13.9	15.7	0.7						
8.0	17.8	0.5									

Oct 19, 2011	11:35	14.5	2.0	2.7	46	14.2	55	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	11.4	9.4	9.0	11.4	9.2						
2.0	11.4	9.3	10.0	11.4	9.2						
3.0	11.4	9.3	11.0	11.4	9.1						
4.0	11.4	9.3	12.0	11.4	9.1						
5.0	11.4	9.2	13.0	11.4	9.0						
6.0	11.4	9.2	13.5	11.4	8.9						
7.0	11.4	9.2	14.0	11.4	8.7						
8.0	11.4	9.2	14.4	11.4	8.7						

(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
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 7, 2011	10:04	18.3	2.0	4.9	37	1.6	38	16	50

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	18.4	9.6	9.0	13.6	8.6	17.3	12.5	4.3			
2.0	16.7	9.7	10.0	13.3	8.2	17.8	12.6	0.5			
3.0	15.7	9.9	11.0	13.1	7.6	18.2	12.7	0.5			
4.0	14.6	9.8	12.0	12.9	7.0						
5.0	14.4	9.7	13.0	12.9	6.8						
6.0	14.2	9.4	14.0	12.6	5.7						
7.0	14.0	9.2	15.0	12.5	4.6						
8.0	13.9	9.0	16.0	12.5	4.4						

Jul 12, 2011	8:34	18.4	2.0	5.1	37	4.1	45	14	49
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	23.4	8.9	9.0	16.9	4.3	17.4	13.9	0.6			
2.0	23.3	8.9	10.0	16.1	2.9	17.9	13.8	0.6			
3.0	23.3	8.9	11.0	15.7	2.2	18.3	13.8	0.7			
4.0	23.2	8.9	12.0	15.0	1.0						
5.0	22.9	8.9	13.0	14.3	0.7						
6.0	19.3	8.2	14.0	14.2	0.7						
7.0	18.3	6.8	15.0	14.2	0.7						
8.0	17.4	5.3	16.0	14.1	0.6						

Aug 8, 2011	14:42	18.4	2.0	4.0	40	3.2	44	19	51
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.6	9.3	9.0	17.7	0.5	17.4	14.3	0.6			
2.0	24.2	8.8	10.0	16.9	0.6	17.9	14.1	0.7			
3.0	24.0	8.7	11.0	15.9	0.6	18.3	14.2	0.7			
4.0	24.0	8.6	12.0	15.1	0.6						
5.0	23.9	8.6	13.0	14.7	0.6						
6.0	23.7	8.2	14.0	14.5	0.6						
7.0	22.2	5.9	15.0	14.4	0.6						
8.0	19.6	1.4	16.0	14.3	0.6						

Oct 31, 2011	10:47	18.2	2.0	4.1	40	9.9	52	23	52
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	8.8	9.9	9.0	8.8	9.7	17.2	8.6	8.8			
2.0	8.8	9.9	10.0	8.8	9.7	17.7	8.6	5.3			
3.0	8.8	9.9	11.0	8.8	9.7	18.1	8.7	1.1			
4.0	8.8	9.8	12.0	8.7	9.7						
5.0	8.8	9.8	13.0	8.7	9.6						
6.0	8.8	9.8	14.0	8.7	9.6						
7.0	8.8	9.7	15.0	8.7	9.5						
8.0	8.8	9.8	16.0	8.7	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: TWIN LAKES RESERVOIR - South Twin Lake at Maximum Depth
 TWN SO#1: 643106

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 7, 2011	10:37	13.3	2.0	4.8	<u>37</u>	2.3	<u>41</u>	13	<u>48</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	9.6	9.0	12.4	5.8						
2.0	19.4	9.6	10.0	11.5	3.6						
3.0	17.4	10.0	11.0	10.7	2.2						
4.0	17.0	9.8	12.3	10.6	1.7						
5.0	16.0	9.3	12.8	10.7	1.6						
6.0	15.1	9.0	13.2	11.2	0.7						
7.0	14.4	8.6									
8.0	13.5	7.6									

Jul 12, 2011	9:08	13.5	2.0	4.3	<u>39</u>	3.9	<u>45</u>	17	<u>50</u>
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	23.9	8.7	9.0	14.4	1.3						
2.0	23.8	8.7	10.0	12.6	0.6						
3.0	23.8	8.7	11.0	11.8	0.7						
4.0	23.6	8.6	12.0	11.7	0.7						
5.0	20.5	9.2	12.5	11.7	0.7						
6.0	18.5	8.7	13.0	11.7	0.7						
7.0	17.0	4.7	13.4	12.4	0.8						
8.0	15.6	2.7									

Aug 8, 2011	15:16	13.5	2.0	3.6	<u>42</u>	3.2	<u>44</u>	17	<u>50</u>
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.7	9.0	9.0	14.1	0.6						
2.0	24.5	9.0	10.0	12.6	0.7						
3.0	24.4	8.8	11.0	12.3	0.7						
4.0	24.0	8.5	12.0	12.2	0.7						
5.0	23.2	7.6	12.5	12.2	0.7						
6.0	20.7	4.2	13.0	12.5	0.8						
7.0	17.9	0.9	13.4	12.5	0.9						
8.0	15.7	0.6									

Oct 31, 2011	11:17	13.3	2.0	3.6	<u>42</u>	9.1	<u>52</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	7.6	10.3	9.0	7.6	10.1						
2.0	7.6	10.2	10.0	7.6	10.0						
3.0	7.6	10.1	11.0	7.6	9.9						
4.0	7.6	10.2	12.3	7.6	9.7						
5.0	7.6	10.2	12.8	7.6	9.2						
6.0	7.6	10.1	13.2	7.6	1.7						
7.0	7.6	10.1									
8.0	7.6	10.1									

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

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Site STORET Description
WOW #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 14, 2011	11:55	8.0	2.0	2.2	49	6.5	49	33	55	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	20.6	8.3	7.9	17.7	4.1			
		2.0	19.5	8.2						
		3.0	20.1	7.9						
		4.0	19.9	7.7						
		5.0	18.8	6.8						
		6.0	18.6	6.6						
		7.0	18.4	6.2						
		7.5	18.3	5.9						

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 7, 2011	10:07	8.5	2.0	1.8	52	16.1	56	34	55	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	24.9	8.5	8.0	18.1	1.0			
		2.0	24.5	8.2	8.4	18.0	0.7			
		3.0	23.6	7.0						
		4.0	21.2	4.4						
		5.0	20.5	4.2						
		6.0	19.6	3.1						
		7.0	19.1	2.5						
		7.5	18.4	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	
Aug 4, 2011	10:29	7.9	2.0	1.5	54	21.7	58	40	57	
		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	7.2	7.8	21.0	0.7			
		2.0	23.9	6.9						
		3.0	23.8	6.9						
		4.0	23.8	6.6						
		5.0	23.5	5.2						
		6.0	23.4	4.3						
		6.9	22.8	0.9						
		7.4	21.5	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	
Oct 6, 2011	10:35	6.8	2.0	2.0	50	7.9	50	52	59	
		Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
		1.0	14.7	9.4						
		2.0	14.2	8.9						
		3.0	13.8	8.5						
		4.0	13.0	7.6						
		5.0	12.5	6.7						
		5.8	12.4	6.5						
		6.3	12.4	6.4						
		6.7	12.4	6.4						

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

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

Date	Time	Total Depth (m)	Composite Depth (m)	Secchi (m)	Secchi TSI	Chloro a (ug/l)	Chloro a TSI	Total P (ug/l)	Total P TSI
Jun 14, 2011	12:23	6.1	2.0	1.5	54	1.8	39	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	19.1	7.3									
2.0	19.1	7.3									
3.0	19.0	7.2									
4.0	18.9	7.1									
5.1	17.9	5.6									
5.6	17.9	5.5									
6.0	17.9	5.5									

Jul 7, 2011	10:39	6.2	2.0	1.6	53	15.3	55	36	56
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.0	8.3									
2.0	23.5	7.5									
3.0	21.5	5.1									
4.0	20.0	4.3									
5.2	19.2	4.0									
5.7	18.7	2.8									
6.1	18.2	1.5									

Aug 4, 2011	10:50	5.7	2.0	1.5	54	13.8	55	32	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	23.9	6.8									
2.0	23.7	6.5									
3.0	23.6	6.3									
4.0	23.3	5.2									
4.7	23.1	4.7									
5.2	22.6	1.9									
5.6	22.0	0.6									

Oct 6, 2011	11:23	5.6	2.0	1.8	52	8.1	51	53	59
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	14.4	8.8									
2.0	13.6	8.3									
3.0	12.8	6.8									
4.0	12.3	6.1									
4.6	12.3	6.0									
5.1	12.3	6.0									
5.5	12.3	5.9									

(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
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 14, 2011	12:46	5.9	2.0	1.3	56	8.1	51	40	57

Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	20.0	7.6									
2.0	20.0	7.5									
3.0	19.8	7.2									
4.0	18.5	5.7									
4.9	18.2	5.0									
5.4	17.8	3.8									
5.8	17.7	3.7									

Jul 7, 2011	11:08	5.2	2.0	1.7	52	13.9	55	33	55
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.3	7.5									
2.0	24.1	7.3									
3.0	22.5	4.0									
4.2	20.6	1.7									
4.7	20.3	1.4									
5.1	20.0	1.0									

Aug 4, 2011	11:23	5.5	2.0	1.5	54	29.4	60	54	59
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Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)	Depth (m)	Temp (° C)	DO (mg/l)
1.0	24.0	7.3									
2.0	23.9	6.9									
3.0	23.5	5.0									
4.0	23.5	4.7									
4.5	23.4	4.7									
5.0	23.3	4.5									
5.4	23.2	4.2									

Oct 6, 2011	12:15	4.8	2.0	1.6	53	15.9	56	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	14.5	9.9									
2.0	14.2	9.8									
3.0	13.5	8.6									
3.8	12.2	5.9									
4.3	12.1	5.6									
4.7	12.1	5.5									

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