

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Below Dam	1/20/2003				<20	< 0.1	2.4					<0.2		0.17	
Below Dam	3/13/2003				80	0.2	2.5					1.1		0.14	
Below Dam	4/3/2003				300	< 0.1	2.7					< 0.2		< 0.10	
Below Dam	5/8/2003				20	0.1	2.4					0.2		0.16	
Below Dam	6/24/2003				300	0.2	1.9					1.1		0.13	
Below Dam	7/21/2003				< 20	< 0.1	2.5					1.3		0.1	
Below Dam	8/11/2003				< 20	0.1	2.3					0.3		0.1	
Below Dam	9/8/2003				80	0.1	1.3					0.5		0.16	
Below Dam	10/13/2003				< 20	0.1	3					< 0.2		< 0.1	
Below Dam	11/20/2003				5000	0.1	2.6					0.6		0.11	
Below Dam	12/22/2003				300	0.1	3.2					< 0.2		< 0.10	
Below Dam	2/24/2004				< 20	< 0.1	2.9					0.6		0.14	
Below Dam	3/4/2004				< 20	< 0.1	2.9					0.4		< 0.10	
Below Dam	4/15/2004				5000	0.2	2.5					0.8		0.18	
Below Dam	5/13/2004				20	0.1	2.4					0.2		< 0.10	
Below Dam	6/10/2004				< 20	0.1	2.2					0.6		< 0.10	
Below Dam	7/9/2004				20	0.1	0.4					0.9		0.16	
Below Dam	8/17/2004				80	0.1	1.1					1		0.12	
Below Dam	9/23/2004				500	0.2	1.4					0.6		0.18	
Below Dam	10/25/2004				300	0.2	2.3					< 0.2		0.14	
Below Dam	11/23/2004				40	0.2	2.2					0.7		< 0.10	
Below Dam	12/16/2004				1700	0.2	2.4					0.9		0.17	
Below Dam	1/21/2005				300	0.1	2.7					0.6		0.15	
Below Dam	3/17/2005				< 20	0.1	3.5					< 0.2		< 0.10	
Below Dam	4/18/2005				80	0.1	3.2					< 0.2		0.2	
Below Dam	5/11/2005				20	0.1	2.5					0.5		0.13	
Below Dam	6/15/2005				< 20	0.1	2.2					0.6		< 0.10	
Below Dam	7/12/2005				40	< 0.1	1.4					0.4		0.13	
Below Dam	8/24/2005				40	0.4	1.5					1.2		< 0.10	
Below Dam	9/20/2005				< 20	0.4	1.1					0.4		0.12	
Below Dam	10/20/2005				40	0.1	1.6					0.9		< 0.10	
Below Dam	11/28/2005				16000	0.1	2.3					< 0.2		< 0.10	
Below Dam	12/26/2005				170	0.2	3.2					0.7		0.12	
Below Dam	1/24/2006				500	0.1	3					0.2		< 0.10	
Below Dam	2/21/2006				20	0.1	3.5					< 0.2		0.15	
Below Dam	3/29/2006				< 20	0.1	3.4					< 0.2		0.22	
Below Dam	4/13/2006				< 20	< 0.1	2.9					< 0.2		0.34	
Below Dam	5/4/2006				< 20	< 0.1	2					0.9		0.23	
Below Dam	6/21/2006				70	0.1	1					0.9		< 0.10	
Below Dam	7/27/2006				40	< 0.1	1.3					< 0.2		0.15	
Below Dam	8/23/2006				20	0.1	1					0.6		< 0.10	
Below Dam	9/25/2006				< 20	< 0.1	1.1					1.7		0.13	
Below Dam	10/13/2006					0.2	1.3					1.5		< 0.10	
Below Dam	10/24/2006				20										
Below Dam	11/9/2006				> 16000	< 0.1	2.1					0.7		0.11	
Below Dam	12/8/2006				20	0.1	3.1					< 0.2		0.21	
Below Dam	1/24/2007				< 20	0.1	3.2					< 0.2		< 0.10	
Below Dam	2/27/2007				1300	0.2	3.1					0.9		0.19	
Below Dam	3/27/2007				230	< 0.1	2.6					< 0.2		< 0.1	
Below Dam	4/10/2007				< 20	0.1	3					3.3		< 0.10	

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Below Dam	5/8/2007				< 20	< 0.1	2.4					< 0.2		< 0.10	
Below Dam	6/19/2007				< 20	0.2	2.1					1		< 0.10	
Below Dam	7/16/2007				< 20	0.3	1.1					1.2		< 0.10	
Below Dam	8/28/2007				< 20	0.6	0.5					1		< 0.10	
Below Dam	9/24/2007				< 20	0.3	0.3					0.6		< 0.10	
Below Dam	10/30/2007				80	0.2	0.6	0.8				1	1.6	< 0.10	
Below Dam	11/27/2007				< 20	< 0.2	0.9	0.6				0.6	1.5	< 0.10	
Below Dam	12/17/2007				1300	0.2	1.5	1.2				1.4	2.9	Present < MDL	
Below Dam	1/25/2008				< 20	Present < MDL	2.6	< 0.5				Present < MDL	2.6	Present < MDL	
Below Dam	2/12/2008				80	Present < MDL	2.2	Present < MDL				Present < MDL	2.2	0.11	
Below Dam	3/24/2008				500	Present < MDL	2.5	Present < MDL				Present < MDL	2.5	Present < MDL	
Below Dam	4/29/2008				230	0.3	1.4	0.6				0.9	2.3	0.13	
Below Dam	5/27/2008				< 20	Present < MDL	2	Present < MDL				Present < MDL	2	Present < MDL	
Below Dam	6/9/2008				< 20	Present < MDL	1.9	Present < MDL				Present < MDL	1.9	Present < MDL	
Below Dam	7/8/2008				700	Present < MDL	1.6	0.7				0.7	2.3	Present < MDL	
Below Dam	8/19/2008				< 20	0.3	1.1	1.2				1.5	2.6	Present < MDL	
Below Dam	9/3/2008				40	0.5	0.6	0.6				1.1	1.7	Present < MDL	
Below Dam	10/6/2008				70	Present < MDL	1.3	0.5				0.5	1.8	Present < MDL	
Below Dam	11/17/2008				800	0.2	1.7	0.4				0.6	2.3	Present < MDL	
Below Dam	12/9/2008				140	0.2	2.1	0.3				Present < MDL	2.6	Present < MDL	
Below Dam	1/5/2009				< 20	Present < MDL	3.2	Present < MDL				Present < MDL	3.2	Present < MDL	
Below Dam	2/19/2009				20	Present < MDL	3.1	Present < MDL				Present < MDL	3.1	Present < MDL	
Below Dam	3/5/2009				< 20	0.4	3	0.1				Present < MDL	3.5	Present < MDL	
Below Dam	4/23/2009				9000	0.3	1.9					0.6		Present < MDL	
Below Dam	5/18/2009				< 20	Present < MDL	2	Present < MDL				Present < MDL	2	Present < MDL	
Below Dam	6/8/2009				300	Present < MDL	1.7	Present < MDL				Present < MDL	1.7	0.3	
Below Dam	7/15/2009				< 20	Present < MDL	1.7	0.9				0.9	2.6	Present < MDL	
Below Dam	8/17/2009				< 20	0.2	1.2	0.5				0.7	1.9	Present < MDL	
Below Dam	9/3/2009				< 20	Present < MDL	1.1	0.6				0.6	1.7	Present < MDL	
Below Dam	10/2/2009				40	0.3	1.5	0.2				Present < MDL	2	Present < MDL	
Below Dam	11/2/2009				300	Present < MDL	1.8	0.6				0.6	2.4	Present < MDL	
Below Dam	12/16/2009				300	Present < MDL	2.6	Present < MDL				Present < MDL	2.6	Present < MDL	
Below Dam	1/15/2010				< 20	Present < MDL	4.4	Present < MDL				Present < MDL	4.4	Present < MDL	
Below Dam	3/9/2010				< 20	Present < MDL	2.9	Present < MDL				Present < MDL	2.9	Present < MDL	
Below Dam	4/8/2010				< 20	Present < MDL	2.9	Present < MDL				Present < MDL	2.9	Present < MDL	
Below Dam	5/6/2010			10.9		Present < MDL	2	0.7				0.7	2.7	0.1	
Below Dam	6/16/2010			4.1		Present < MDL	2	Present < MDL				Present < MDL	2	Present < MDL	
Below Dam	7/2/2010			5.2		Present < MDL	1.5	0.8				0.8	2.3	0.23	
Below Dam	8/3/2010			< 1		0.4	0.4	0.6				1	1.4	0.17	
Below Dam	9/14/2010			< 1		Present < MDL	0.5	0.8				0.8	1.3	Present < MDL	
Below Dam	10/21/2010			16.9		Present < RDL	1.3	0.7				0.7	2	Present < RDL	
Below Dam	11/24/2010			261.3		Present < RDL	1.8	0.6				0.6	2.4	Present < RDL	
Below Dam	12/23/2010			29.5		0.2	2.6	0.3				0.5	3.1	Present < RDL	
Below Dam	2/16/2011			5.2		Present < RDL	3	0.7				0.7	3.7	0.15	
Below Dam	3/24/2011			7.4		Present < RDL	3	Present < RDL				Present < RDL	3	Present < RDL	
Below Dam	4/25/2011			40.8		Present < RDL	2.1	0.5				0.5	2.6	0.11	
Below Dam	5/12/2011			6.3		Present < RDL	2	Present < RDL				Present < RDL	2	0.1	
Below Dam	6/20/2011			12.1		Present < RDL	2	Present < RDL				Present < RDL	2	0.14	
Below Dam	7/7/2011			1		Present < RDL	1.5	Present < RDL				Present < RDL	1.5	0.1	
Below Dam	8/2/2011			< 1		0.3	0.9	0.6				0.9	1.8	Present < RDL	

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Below Dam	9/22/2011			25.6		Present < RDL	1.8	0.9				0.9	2.7	0.18	
Below Dam	10/21/2011			980.4		Present < RDL	2.4	0.8				0.8	3.2	0.16	
Below Dam	11/29/2011			410		Present < RDL	2.5	Present < RDL				Present < RDL	2.5	0.18	
Below Dam	12/8/2011			9208		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	0.18	
Below Dam	1/5/2012			121		Present < RDL	3.6	Present < RDL				Present < RDL	3.6	0.14	
Below Dam	2/1/2012			21.6		Present < RDL	4	Present < RDL				Present < RDL	4	Present < RDL	
Below Dam	3/27/2012			920.8		Present < RDL	2.5	0.5				0.5	3	0.19	
Below Dam	4/3/2012			5.2		Present < RDL	2.5	0.7				0.7	3.2	0.13	
Below Dam	5/10/2012			1		Present < RDL	2.1	Present < RDL				Present < RDL	2.1	Present < RDL	
Below Dam	6/13/2012			Lab Error		Present < RDL	1.4	0.6				0.6	2	0.14	
Below Dam	7/10/2012			648.8		0.6	0.7	0.5				1.1	1.8	0.19	
Below Dam	8/3/2012			10		0.3	1	0.4				0.7	1.7	0.14	
Below Dam	9/17/2012			< 10		0.2	0.6	0.7				0.9	1.5	Present < RDL	
Below Dam	10/26/2012			< 10		Present < RDL	1.3	1				1	2.3	Present < RDL	
Below Dam	11/28/2012			Lab Error		Present < RDL	3	Present < RDL				Present < RDL	3	0.12	
Below Dam	11/30/2012			30											
Below Dam	12/6/2012			4.1		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Below Dam	1/22/2013			583		Present < RDL	2	0.8				0.8	2.8	0.19	
Below Dam	2/13/2013			< 10		Present < RDL	3.2	1.1				1.1	4.3	0.1	
Below Dam	3/11/2013			< 10		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Below Dam	4/18/2013			Lab Error		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	Present < RDL	
Below Dam	4/25/2013			63											
Below Dam	5/15/2013			48		Present < RDL	1.8	0.8				0.8	2.6	Present < RDL	
Below Dam	6/25/2013			10		Present < RDL	1.4	1.2				1.2	2.6	0.2	
Below Dam	7/9/2013			< 1		Present < RDL	1.3	1				1	2.3	0.11	
Below Dam	8/27/2013			10		Present < RDL	0.7	1.2				1.2	1.9	0.17	
Below Dam	9/24/2013			< 10		0.3	0.8	0.6				0.9	1.7	Present < RDL	
Below Dam	10/15/2013			189		Present < RDL	1.1	0.9				0.9	2	0.17	
Below Dam	11/21/2013			< 10		Present < RDL	1.9	0.9				0.9	2.8	0.15	
Below Dam	12/11/2013			609		Present < RDL	2.4	0.7				0.7	3.1	Present < RDL	
Below Dam	1/16/2014			1726		Present < RDL	2.2	0.6				0.6	2.8	0.21	
Below Dam	2/10/2014			586		Present < RDL	2.7	Present < RDL				Present < RDL	2.7	Present < RDL	
Below Dam	3/20/2014			< 10		Present < RDL	3	Present < RDL				Present < RDL	3	Present < RDL	
Below Dam	4/11/2014			< 10		Present < RDL	2.7	Present < RDL				Present < RDL	2.7	Present < RDL	
Below Dam	5/21/2014			187		Present < RDL	1.9	Present < RDL				Present < RDL	1.9	Present < RDL	
Below Dam	6/10/2014			213		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Below Dam	7/9/2014			10		Present < RDL	2.4	0.6				0.6	3	0.19	
Below Dam	8/22/2014			5.2		Present < RDL	1.6	0.7				0.7	2.3	0.26	
Below Dam	9/18/2014			10		0.2	1.3	0.6				0.8	2.1	0.25	
Below Dam	10/17/2014			31		Present < RDL	1.5	1				1	2.5	Present < RDL	
Below Dam	11/10/2014			< 10		Present < RDL	1.7	0.6				0.6	2.3	Present < RDL	
Below Dam	12/12/2014			1376		Present < RDL	2.6	0.5				0.5	3.1	Present < RDL	
Below Dam	1/28/2015			1785		Present < RDL	2.7	Present < RDL				Present < RDL	2.7	0.11	
Below Dam	2/6/2015			20		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Below Dam	3/10/2015			620		0.2	2.2	0.8				1	3.2	Present < RDL	
Below Dam	4/6/2015			10		Present < RDL	2.7	0.6				0.6	3.3	Present < RDL	
Below Dam	5/26/2015			31		Present < RDL	1.9	1.1				1.1	3	Present < RDL	
Below Dam	6/18/2015			20		Present < RDL	1.8	0.6				0.6	2.4	Present < RDL	
Below Dam	7/24/2015			10		Present < RDL	1.8	0.5				0.5	2.3	0.11	
Below Dam	8/24/2015			< 10		Present < RDL	1.5	0.7				0.7	2.2	Present < RDL	

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Below Dam	9/3/2015			< 10		Present < RDL	1.2	0.7				0.7	1.9	Present < RDL	
Below Dam	10/21/2015			10		Present < RDL	1.6	0.6				0.6	2.2	Present < RDL	
Below Dam	11/25/2015			31		Present < RDL	2	0.6				0.6	2.6	Present < RDL	
Below Dam	12/3/2015			586		Present < RDL	2.4	0.5				0.5	2.9	Present < RDL	
Below Dam	1/12/2016			259		Present < RDL	3	Present < RDL				Present < RDL	3	Present < RDL	
Below Dam	2/11/2016			187		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Below Dam	4/6/2016		11.2	< 10		Present < RDL	2.7	3.1	Present < RDL	7.2	14	3.1	5.8	0.38	
Below Dam	5/4/2016		9.4	259		Present < RDL	2.4	0.6	0.21	7.4	17	0.6	3	0.21	
Below Dam	5/17/2016					Present < RDL	2	0.5	Present < RDL			0.5	2.5	Present < RDL	
Below Dam	6/6/2016		8.8	63		Present < RDL	2.1	Present < RDL	0.06	8.5	24	Present < RDL	2.1	0.11	6
Below Dam	6/13/2016					Present < RDL	1.8	0.7	Present < RDL			0.7	2.5	Present < RDL	9
Below Dam	7/6/2016		8.2	< 10		Present < RDL	1.5	0.8	0.1	8	27	0.8	2.3	0.1	4
Below Dam	7/18/2016					Present < RDL	1	1.1	Present < RDL			1.1	2.1	Present < RDL	8
Below Dam	8/3/2016		7.8	41		Present < RDL	1.1	0.7	Present < RDL	8.7	26	0.7	1.8	Present < RDL	10
Below Dam	8/15/2016					0.3	0.6	0.7	Present < RDL			1	1.6	Present < RDL	10
Below Dam	9/7/2016		7.7	10		0.4	0.6	0.4	Present < RDL	7.4	25	0.8	1.4	Present < RDL	8
Below Dam	9/19/2016					1.4	0.5	Present < RDL	Present < RDL			1.4	1.9	Present < RDL	9
Below Dam	10/3/2016		8.5	10		0.9	0.7	0.1	Present < RDL	7.8	20	1	1.7	Present < RDL	12
Below Dam	10/17/2016					0.2	1.2	0.6	Present < RDL			0.8	2	Present < RDL	12
Below Dam	11/7/2016		10.7	10		0.2	1	0.5	Present < RDL	8	13	0.7	1.7	Present < RDL	8
Below Dam	12/5/2016		12	586		0.3	1.5	0.7	0.07	7.5	9	1	2.5	Present < RDL	8
Below Dam	1/4/2017		12.3	< 10		0.3	2.2	0.2	Present < RDL	7.6	6	Present < RDL	2.7	Present < RDL	5
Below Dam	2/6/2017		14	< 10		Present < RDL	2.4	0.5	Present < RDL	8	5	0.5	2.9	Present < RDL	7
Below Dam	3/6/2017		11.7	< 10		Present < RDL	2.6	0.5	Present < RDL	7.8	8	0.5	3.1	Present < RDL	6
Below Dam	4/3/2017		11.1	4106		Present < RDL	1.9	1.1	Present < RDL	7.3	11	1.1	3	0.14	20
Below Dam	5/3/2017		9.6	10		Present < RDL	1.8	Present < RDL	Present < RDL	7.7	17	Present < RDL	1.8	Present < RDL	3
Below Dam	6/5/2017		8.7	< 10		Present < RDL	2.1	0.7	Present < RDL	7.9	21	0.7	2.8	Present < RDL	6
Below Dam	7/5/2017		7.7	< 10		Present < RDL	1.1	0.7	Present < RDL	7.9	25	0.7	1.8	Present < RDL	10
Below Dam	8/7/2017		8	41		Present < RDL	0.8	1.3	Present < RDL	8.1	23	1.3	2.1	Present < RDL	15
Below Dam	9/6/2017		7.7	41		Present < RDL	0.8	1	Present < RDL	7.1	22	1	1.8	Present < RDL	5
Below Dam	10/2/2017		9.2	< 10		0.3	0.7	0.6	Present < RDL	7.2	20	0.9	1.6	Present < RDL	5
Below Dam	11/6/2017		9.8	31		Present < RDL	0.9	0.7	Present < RDL	7.9	15	0.7	1.6	Present < RDL	7
Below Dam	12/4/2017		12.7	10		Present < RDL	1.5	0.9	Present < RDL	7.1	6	0.9	2.4	Present < RDL	4
Below Dam	2/5/2018		14.3	31		Present < RDL	3.1	0.6	Present < RDL	7.3	4	0.6	3.7	Present < RDL	4
Below Dam	3/5/2018		12.9	160		Present < RDL	2.9	1.4	Present < RDL	8	7	1.4	4.3	Present < RDL	9
Below Dam	4/2/2018		12.1	< 10		Present < RDL	2.8	Present < RDL	Present < RDL	7.4	8	Present < RDL	2.8	Present < RDL	5
Below Dam	5/7/2018		9.9	< 10		Present < RDL	1.8	0.5	Present < RDL	8	19	0.5	2.3	Present < RDL	8
Below Dam	6/4/2018		9.3	1019		Present < RDL	2.2	0.8	0.11	7	19	0.8	3	0.11	17
Below Dam	7/2/2018		8	20		Present < RDL	2.3	Present < RDL	Present < RDL	8.5	29	Present < RDL	2.3	Present < RDL	6
Below Dam	8/6/2018		8.3	708		Present < RDL	1.3	Present < RDL	Present < RDL	7.1	24	Present < RDL	1.3	0.15	33
Below Dam	9/5/2018		7.4	201		Present < RDL	2.4	0.6	0.07	7.6	27	0.6	3	Present < RDL	19
Below Dam	10/1/2018		9.2	767		Present < RDL	2.3	0.6	Present < RDL	6.7	18	Present < RDL	2.9	Present < RDL	15
Below Dam	11/5/2018		10.3	15531		Present < RDL	2.2	0.8	0.12	7.2	13	0.8	3	0.15	31
Below Dam	12/3/2018		10.9	231		Present < RDL	3.6	Present < RDL	Present < RDL	7.1	7	Present < RDL	3.6	Present < RDL	3
Below Dam	1/16/2019		11.9	< 10		Present < RDL	4	Present < RDL	Present < RDL	7.3	5	Present < RDL	4	Present < RDL	2
Below Dam	2/18/2019		11.8	231		Present < RDL	3	Present < RDL	Present < RDL	7.2	7	Present < RDL	3	Present < RDL	9
Below Dam	3/19/2019		11.1	6.3		Present < RDL	3.4	0.5	Present < RDL	7.6	12	0.5	3.9	Present < RDL	11
Below Dam	4/25/2019		9	31		Present < RDL	2.3	0.5	Present < RDL	8.2	21	0.5	2.8	Present < RDL	6
Below Dam	5/23/2019		8.8	204.6		Present < RDL	2.6	Present < RDL	Present < RDL	8.1	21	Present < RDL	2.6	Present < RDL	9
Below Dam	6/20/2019		8.4	< 10		Present < RDL	2.6	Present < RDL	0.06	7.6	26	Present < RDL	2.6	Present < RDL	7

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Below Dam	7/23/2019		8.3	2430		0.3	2	1.2	Present < RDL	7.3	25	1.5	3.5	Present < RDL	18
Below Dam	8/20/2019		8.5	31		Present < RDL	2.1	1.1	Present < RDL	8.5	28	1.1	3.2	Present < RDL	8
Below Dam	9/26/2019		8.2	9.7		Present < RDL	2.1	0.9	Present < RDL	6.8	23	0.9	3	Present < RDL	3
Below Dam	10/29/2019		10.3	161.6		0.2	2.4	0.9	Present < RDL	7.3	16	1.1	3.5	Present < RDL	5
Below Dam	11/19/2019		10.8	75		0.3	2.3	0.6	Present < RDL	6.7	8	0.9	3.2	Present < RDL	6
Below Dam	12/19/2019		11.1	754		Present < RDL	2.4	0.8	Present < RDL	7.2	6	0.8	3.2	Present < RDL	8
Below Dam	1/21/2020		12.4	10		Present < RDL	2.9	Present < RDL	Present < RDL	6.7	6	Present < RDL	2.9	Present < RDL	6
Below Dam	2/18/2020		11.1	41		Present < RDL	2.9	Present < RDL	Present < RDL	7.4	9	Present < RDL	2.9	Present < RDL	5
Below Dam	3/17/2020		10.2	< 10		Present < RDL	3.3	0.7	Present < RDL	7.2	13	0.7	4	Present < RDL	5
Below Dam	4/24/2020		10	< 10		Present < RDL	2.1	0.6	Present < RDL	6.7	13	0.6	2.7	Present < RDL	5
Below Dam	5/22/2020		9.2	10		Present < RDL	2.4	0.7	Present < RDL	7.7	18	0.7	3.1	Present < RDL	3
Below Dam	6/19/2020		8.4	< 10		Present < RDL	2	0.9	Present < RDL	7.4	25	0.9	2.9	Present < RDL	6
Below Dam	7/27/2020		7.4	< 10		0.2	1.3	0.3	Present < RDL	7.1	28	Present < RDL	1.8	Present < RDL	9
Below Dam	8/20/2020		7.8	52		Present < RDL	1.1	0.5	Present < RDL	7.2	27	0.5	1.6	Present < RDL	5
Below Dam	9/14/2020		8.2	20		0.3	1.3	0.3	Present < RDL	7.3	23	0.6	1.9	Present < RDL	4
Below Dam	10/21/2020		9	< 10		0.3	1.3	0.2	Present < RDL	7.5	19	Present < RDL	1.8	Present < RDL	4
Below Dam	11/24/2020		11	350		0.8	2	1	Present < RDL	7.4	9	1.8	3.8	Present < RDL	6
Below Dam	12/15/2020		11.7	243		0.3	2.4	0.6	Present < RDL	7.6	6	0.9	3.3	Present < RDL	4

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Ben's Branch	1/20/2003				20	< 0.1	4.5					<0.2		0.15	
Ben's Branch	3/13/2003				20	< 0.1	3.2					0.7		0.1	
Ben's Branch	4/3/2003				40	< 0.1	2.8					< 0.2		< 0.10	
Ben's Branch	5/8/2003				9000	0.1	2.2					0.6		0.26	
Ben's Branch	6/24/2003				500	0.1	2.7					< 0.2		0.11	
Ben's Branch	7/21/2003				700	< 0.1	3.2					0.3		< 0.10	
Ben's Branch	8/11/2003				1700	< 0.1	2.7					0.4		0.12	
Ben's Branch	9/8/2003				300	< 0.1	2.9					< 0.2		< 0.10	
Ben's Branch	10/13/2003				230	0.1	3.4					< 0.2		< 0.1	
Ben's Branch	11/20/2003				5000	0.1	2.2					0.4		0.1	
Ben's Branch	12/22/2003				< 20	< 0.1	3.6					< 0.2		< 0.10	
Ben's Branch	2/24/2004				40	< 0.1	3					0.3		0.1	
Ben's Branch	3/4/2004				< 20	< 0.1	2.8					< 0.2		0.12	
Ben's Branch	4/15/2004				230	0.1	2.8					0.2		< 0.10	
Ben's Branch	5/13/2004				1700	0.1	3					0.3		0.12	
Ben's Branch	6/10/2004				800	< 0.1	3.1					0.6		0.11	
Ben's Branch	7/9/2004				5000	< 0.1	0.6					0.4		0.24	
Ben's Branch	8/17/2004				500	< 0.1	2.6					0.7		0.11	
Ben's Branch	9/23/2004				500	< 0.1	2.5					< 0.2		< 0.10	
Ben's Branch	10/25/2004				800	< 0.1	3.1					0.8		< 0.10	
Ben's Branch	11/23/2004				80	< 0.1	2.9					0.8		< 0.10	
Ben's Branch	12/16/2004				40	< 0.1	3.9					0.3		< 0.10	
Ben's Branch	1/21/2005				70	< 0.1	4					< 0.2		< 0.10	
Ben's Branch	3/17/2005				< 20	< 0.1	3.5					< 0.2		< 0.10	
Ben's Branch	4/18/2005				20	< 0.1	3.1					3.3		0.17	
Ben's Branch	5/11/2005				170	< 0.1	3					0.2		0.14	
Ben's Branch	6/15/2005				800	< 0.1	2.9					< 0.2		0.12	
Ben's Branch	7/12/2005				800	< 0.1	3.1					0.7		0.16	
Ben's Branch	8/24/2005				230	< 0.1	3					< 0.2		< 0.10	
Ben's Branch	9/20/2005				800	< 0.1	2.7					< 0.2		0.11	
Ben's Branch	10/20/2005				500	< 0.1	2.7					< 0.2		< 0.10	
Ben's Branch	11/28/2005				500	< 0.1	3.4					< 0.2		< 0.10	
Ben's Branch	12/26/2005				1300	< 0.1	3					1.2		< 0.10	
Ben's Branch	1/24/2006				80	< 0.1	3.4					0.5		< 0.10	
Ben's Branch	2/21/2006				< 20	0.1	3.6					< 0.2		0.17	
Ben's Branch	3/29/2006				< 20	< 0.1	3.4					< 0.2		0.24	
Ben's Branch	4/13/2006				40	< 0.1	2.6					< 0.2		0.34	
Ben's Branch	5/4/2006				230	< 0.1	2.3					0.4		0.23	
Ben's Branch	6/21/2006				500	< 0.1	1.5					0.6		0.1	
Ben's Branch	7/27/2006				1100	< 0.1	2.8					< 0.2		0.15	
Ben's Branch	8/23/2006				230	< 0.1	2.6					0.5		< 0.10	
Ben's Branch	9/25/2006				230	< 0.1	2.7					0.2		< 0.10	
Ben's Branch	10/13/2006				110	< 0.1	2.3					0.4		0.12	
Ben's Branch	11/9/2006				1700	< 0.1	2.3					0.4		< 0.10	
Ben's Branch	12/8/2006				80	< 0.1	3.6					< 0.1		0.14	
Ben's Branch	1/24/2007				< 20	0.1	3.6					< 0.2		< 0.10	
Ben's Branch	2/27/2007				1300	0.2	1.9					1.9		0.79	
Ben's Branch	3/27/2007				130	< 0.1	2.4					< 0.2		< 0.1	
Ben's Branch	4/10/2007				< 20	0.1	3.2					1.7		< 0.10	
Ben's Branch	5/8/2007				40	< 0.1	3					< 0.2		< 0.10	

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Ben's Branch	6/19/2007				170	< 0.1	2.7					< 0.2		< 0.10	
Ben's Branch	7/16/2007				300	< 0.1	2.4					0.2		< 0.10	
Ben's Branch	8/28/2007				110	0.1	1.8					< 0.2		< 0.10	
Ben's Branch	9/24/2007				500	< 0.1	2.1					< 0.2		< 0.10	
Ben's Branch	10/30/2007				70	< 0.1	1.6	0.3				0.3	1.9	< 0.10	
Ben's Branch	11/27/2007				20	< 0.2	1.9	0.2				0.2	2.1	< 0.10	
Ben's Branch	12/17/2007				330	Present < MDL	2.6	0.7				0.7	3.3	Present < MDL	
Ben's Branch	1/25/2008				20	Present < MDL	3.2	< 0.5				Present < MDL	3.2	Present < MDL	
Ben's Branch	2/12/2008				20	Present < MDL	3.1	Present < MDL				Present < MDL	3.1	Present < MDL	
Ben's Branch	3/24/2008				< 20	Present < MDL	2.6	Present < MDL				Present < MDL	2.6	Present < MDL	
Ben's Branch	4/29/2008				230	Present < MDL	1.7	Present < MDL				Present < MDL	1.7	Present < MDL	
Ben's Branch	4/23/2009				110	Present < MDL	1.9					Present < MDL		Present < MDL	
Ben's Branch	5/18/2009				110	Present < MDL	2.2	Present < MDL				Present < MDL	2.2	Present < MDL	
Ben's Branch	6/8/2009				800	Present < MDL	2.4	Present < MDL				Present < MDL	2.4	Present < MDL	
Ben's Branch	7/15/2009				300	Present < MDL	2.8	Present < MDL				Present < MDL	2.8	Present < MDL	
Ben's Branch	8/17/2009				130	Present < MDL	2.6	Present < MDL				Present < MDL	2.6	Present < MDL	
Ben's Branch	9/3/2009				800	Present < MDL	2.6	Present < MDL				Present < MDL	2.6	Present < MDL	
Ben's Branch	10/2/2009				130	Present < MDL	2.5	Present < MDL				Present < MDL	2.5	Present < MDL	
Ben's Branch	11/2/2009				170	Present < MDL	2.5	Present < MDL				Present < MDL	2.5	0.1	
Ben's Branch	12/16/2009				80	Present < MDL	3.1	Present < MDL				Present < MDL	3.1	Present < MDL	
Ben's Branch	1/15/2010				70	Present < MDL	4.1	Present < MDL				Present < MDL	4.1	Present < MDL	
Ben's Branch	2/24/2010				110	Present < MDL	2.3	Present < MDL				Present < MDL	2.3	Present < MDL	
Ben's Branch	3/9/2010				< 20	Present < MDL	2.9	Present < MDL				Present < MDL	2.9	Present < MDL	
Ben's Branch	4/8/2010				70	Present < MDL	2.8	Present < MDL				Present < MDL	2.8	Present < MDL	
Ben's Branch	5/6/2010			190.4		Present < MDL	2.7	Present < MDL				Present < MDL	2.7	Present < MDL	
Ben's Branch	6/16/2010			488.4		Present < MDL	2.8	Present < MDL				Present < MDL	2.8	Present < MDL	
Ben's Branch	7/2/2010			307.6		Present < MDL	2.8	Present < MDL				Present < MDL	2.8	0.16	
Ben's Branch	8/3/2010			261.3		Present < MDL	2	Present < MDL				Present < MDL	2	0.11	
Ben's Branch	9/14/2010			10.9		Present < MDL	0.4	1.1				1.1	1.5	0.11	
Ben's Branch	10/21/2010			135.4		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	Present < RDL	
Ben's Branch	11/24/2010			37.3		Present < RDL	2.5	Present < RDL				Present < RDL	2.5	Present < RDL	
Ben's Branch	12/23/2010			21.1		Present < RDL	3.5	Present < RDL				Present < RDL	3.5	Present < RDL	
Ben's Branch	1/20/2011			26.2		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Ben's Branch	2/16/2011			11		Present < RDL	3.1	0.6				0.6	3.7	Present < RDL	
Ben's Branch	3/24/2011			> 2419.6		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	Present < RDL	
Ben's Branch	4/25/2011			122.3		Present < RDL	2.3	Present < RDL				Present < RDL	2.3	Present < RDL	
Ben's Branch	5/12/2011			111.2		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Ben's Branch	6/20/2011			770.1		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	0.11	
Ben's Branch	7/7/2011			344.8		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	0.16	
Ben's Branch	8/2/2011			325.5		Present < RDL	2.5	Present < RDL				Present < RDL	2.5	Present < RDL	
Ben's Branch	9/22/2011			980.4		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	Present < RDL	
Ben's Branch	10/21/2011			866.4		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	Present < RDL	
Ben's Branch	11/29/2011			520		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	Present < RDL	
Ben's Branch	12/8/2011			1989		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	0.15	
Ben's Branch	1/5/2012			135		Present < RDL	4.2	Present < RDL				Present < RDL	4.2	0.14	
Ben's Branch	2/1/2012			127.4		Present < RDL	3.7	Present < RDL				Present < RDL	3.7	Present < RDL	
Ben's Branch	3/27/2012			101.2		Present < RDL	2.6	0.6				0.6	3.2	0.22	
Ben's Branch	4/3/2012			31.1		Present < RDL	2.7	Present < RDL				Present < RDL	2.7	Present < RDL	
Ben's Branch	5/10/2012			547.5		Present < RDL	2.3	Present < RDL				Present < RDL	2.3	Present < RDL	
Ben's Branch	6/13/2012			Lab Error		Present < RDL	2	Present < RDL				Present < RDL	2	0.14	

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Ben's Branch	7/10/2012			2419.6		Present < RDL	1.9	Present < RDL				Present < RDL	1.9	0.19	
Ben's Branch	8/3/2012			250		Present < RDL	2.7	Present < RDL				Present < RDL	2.7	0.12	
Ben's Branch	10/26/2012			246		Present < RDL	2	Present < RDL				Present < RDL	2	Present < RDL	
Ben's Branch	11/28/2012			Lab Error		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	0.12	
Ben's Branch	11/30/2012			305											
Ben's Branch	12/6/2012			61.3		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	0.17	
Ben's Branch	1/22/2013			31		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	Present < RDL	
Ben's Branch	2/13/2013			20		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	Present < RDL	
Ben's Branch	3/11/2013			20		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	Present < RDL	
Ben's Branch	4/18/2013			Lab Error		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	Present < RDL	
Ben's Branch	4/25/2013			73											
Ben's Branch	5/15/2013			161.6		Present < RDL	2.2	Present < RDL				Present < RDL	2.2	Present < RDL	
Ben's Branch	6/25/2013			384		Present < RDL	2.5	Present < RDL				Present < RDL	2.5	0.12	
Ben's Branch	7/9/2013			203.5		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	0.1	
Ben's Branch	8/27/2013			10		Present < RDL	0.5	3.5				3.5	4	0.32	
Ben's Branch	9/24/2013			279		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	Present < RDL	
Ben's Branch	10/15/2013			605		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Ben's Branch	11/21/2013			327		Present < RDL	3	Present < RDL				Present < RDL	3	Present < RDL	
Ben's Branch	12/11/2013			620		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Ben's Branch	1/16/2014			189		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Ben's Branch	2/10/2014			31		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Ben's Branch	3/20/2014			20		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Ben's Branch	4/11/2014			52		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	Present < RDL	
Ben's Branch	5/21/2014			985		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	0.19	
Ben's Branch	6/10/2014			1314		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	Present < RDL	
Ben's Branch	7/9/2014			1039		Present < RDL	3	0.2				0.2	3.2	0.19	
Ben's Branch	8/22/2014			2064		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Ben's Branch	9/18/2014			839		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	Present < RDL	
Ben's Branch	10/17/2014			1112		Present < RDL	2	Present < RDL				Present < RDL	2	0.23	
Ben's Branch	11/10/2014			84		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	Present < RDL	
Ben's Branch	12/12/2014			663		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	Present < RDL	
Ben's Branch	1/28/2015			20		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	0.12	
Ben's Branch	2/6/2015			161		Present < RDL	3.5	Present < RDL				Present < RDL	3.5	0.1	
Ben's Branch	3/10/2015			749		Present < RDL	1.6	0.8				0.8	2.4	Present < RDL	
Ben's Branch	4/6/2015			31		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Ben's Branch	5/26/2015			1178		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	0.16	
Ben's Branch	6/18/2015			1541		Present < RDL	2	Present < RDL				Present < RDL	2	0.12	
Ben's Branch	7/24/2015			309		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	0.19	
Ben's Branch	8/24/2015			98		Present < RDL	2.8	0.5				0.5	3.3	Present < RDL	
Ben's Branch	9/3/2015			249		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Ben's Branch	10/21/2015			109		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	Present < RDL	
Ben's Branch	11/25/2015			185		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Ben's Branch	12/3/2015			521		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	0.11	
Ben's Branch	1/12/2016			160		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Ben's Branch	2/11/2016			41		Present < RDL	3.6	Present < RDL				Present < RDL	3.6	Present < RDL	
Ben's Branch	4/6/2016		12.2	10		Present < RDL	3	Present < RDL	Present < RDL	7.7	11	Present < RDL	3	Present < RDL	
Ben's Branch	5/4/2016		9.6	1565		Present < RDL	1.7	Present < RDL	0.08	8.2	14	Present < RDL	1.7	Present < RDL	
Ben's Branch	5/17/2016					Present < RDL	2.8	Present < RDL	Present < RDL			Present < RDL	2.8	Present < RDL	
Ben's Branch	6/6/2016		8.3	1782		Present < RDL	2.2	Present < RDL	Present < RDL	7.7	20	Present < RDL	2.2	0.15	16
Ben's Branch	6/13/2016					Present < RDL	2.8	Present < RDL	Present < RDL			Present < RDL	2.8	Present < RDL	4

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Ben's Branch	7/6/2016		7.8	345		Present < RDL	2.4	0.1	0.27	7.3	28	Present < RDL	2.5	0.27	9
Ben's Branch	7/18/2016					Present < RDL	3	Present < RDL	Present < RDL			Present < RDL	3	Present < RDL	3
Ben's Branch	8/3/2016		8.1	323		Present < RDL	3	Present < RDL	Present < RDL	8.2	22	Present < RDL	Present < RDL	Present < RDL	7
Ben's Branch	8/15/2016					Present < RDL	2.9	Present < RDL	Present < RDL			Present < RDL	2.9	Present < RDL	5
Ben's Branch	9/7/2016		8.4	359		Present < RDL	2.7	Present < RDL	Present < RDL	7.5	21	Present < RDL	2.7	Present < RDL	3
Ben's Branch	9/19/2016					Present < RDL	2.8	Present < RDL	Present < RDL			Present < RDL	2.8	Present < RDL	2
Ben's Branch	10/3/2016		8.9	364		Present < RDL	2.5	Present < RDL	Present < RDL	8	16	Present < RDL	2.5	0.14	86
Ben's Branch	10/17/2016					Present < RDL	2.9	Present < RDL	Present < RDL			Present < RDL	2.9	Present < RDL	1
Ben's Branch	11/7/2016		11.4	201		Present < RDL	2.4	Present < RDL	Present < RDL	7.6	8	Present < RDL	2.4	Present < RDL	8
Ben's Branch	12/5/2016		12.3	414		Present < RDL	2.6	Present < RDL	Present < RDL	7.6	7	Present < RDL	2.6	Present < RDL	Present < RDL
Ben's Branch	1/4/2017		11.5	754		Present < RDL	2.6	Present < RDL	Present < RDL	7.4	7	Present < RDL	2.6	Present < RDL	8
Ben's Branch	2/6/2017		14	63		Present < RDL	3.3	Present < RDL	Present < RDL	7.8	3	Present < RDL	3.3	Present < RDL	1
Ben's Branch	3/6/2017		13.7	41		Present < RDL	3.1	Present < RDL	Present < RDL	8	4	Present < RDL	3.1	Present < RDL	1
Ben's Branch	4/3/2017		11.1	185		Present < RDL	2.6	Present < RDL	Present < RDL	7.4	10	Present < RDL	2.6	Present < RDL	5
Ben's Branch	5/3/2017		9.9	213		Present < RDL	2.3	Present < RDL	Present < RDL	7.7	16	Present < RDL	2.3	Present < RDL	8
Ben's Branch	6/5/2017		8.5	288		Present < RDL	2.7	0.7	Present < RDL	7.5	18	0.7	3.4	Present < RDL	10
Ben's Branch	7/5/2017		7.7	670		Present < RDL	2.1	Present < RDL	Present < RDL	7.9	23	Present < RDL	2.1	Present < RDL	4
Ben's Branch	8/7/2017		8.7	373		Present < RDL	2.2	0.5	Present < RDL	8	19	0.5	2.7	0.11	3
Ben's Branch	9/6/2017		8.5	2755		Present < RDL	1.8	0.7	Present < RDL	7.9	19	0.7	2.5	0.14	17
Ben's Branch	10/2/2017		9.7	213		Present < RDL	2.1	Present < RDL	Present < RDL	7.3	12	Present < RDL	2.1	Present < RDL	1
Ben's Branch	11/6/2017		9.7	504		Present < RDL	1.7	Present < RDL	Present < RDL	7.8	15	Present < RDL	1.7	Present < RDL	4
Ben's Branch	12/4/2017		14	262		Present < RDL	2.6	Present < RDL	Present < RDL	6.9	3	Present < RDL	2.6	Present < RDL	Present < RDL
Ben's Branch	1/3/2018		13.1	30		Present < RDL	4.2	Present < RDL	Present < RDL	6.7	0	Present < RDL	4.2	Present < RDL	Present < RDL
Ben's Branch	2/5/2018		14.7	495		Present < RDL	2.7	0.5	Present < RDL	7.4	1	0.5	3.2	Present < RDL	11
Ben's Branch	3/5/2018		14	189		Present < RDL	3.2	Present < RDL	Present < RDL	7.5	4	Present < RDL	3.2	Present < RDL	3
Ben's Branch	4/2/2018		12.2	74		Present < RDL	2.3	Present < RDL	Present < RDL	7.8	7	Present < RDL	2.3	Present < RDL	5
Ben's Branch	5/7/2018		9.8	185		Present < RDL	2.1	Present < RDL	Present < RDL	7.8	16	Present < RDL	2.1	Present < RDL	4
Ben's Branch	6/4/2018		9.5	1259		Present < RDL	2.1	0.6	0.12	7	16	0.6	2.7	0.12	21
Ben's Branch	7/2/2018		7.9	538		Present < RDL	3.5	Present < RDL	Present < RDL	8	24	Present < RDL	3.5	Present < RDL	4
Ben's Branch	8/6/2018		8.4	749		Present < RDL	2.8	Present < RDL	Present < RDL	7.7	22	Present < RDL	2.8	Present < RDL	11
Ben's Branch	9/5/2018		7.6	880		Present < RDL	3.9	Present < RDL	Present < RDL	7.5	25	Present < RDL	3.9	Present < RDL	2
Ben's Branch	10/1/2018		9.2	441		Present < RDL	3.2	Present < RDL	Present < RDL	6.8	17	Present < RDL	3.2	Present < RDL	4
Ben's Branch	11/5/2018		10.3	> 24196		Present < RDL	1.3	1.2	0.15	6.8	11	1.2	2.5	0.27	85
Ben's Branch	12/3/2018		11	437		Present < RDL	3.4	Present < RDL	Present < RDL	7.1	10	Present < RDL	3.4	Present < RDL	1
Ben's Branch	1/16/2019		14	10		Present < RDL	4	Present < RDL	Present < RDL	8.2	3	Present < RDL	4	Present < RDL	Present < RDL
Ben's Branch	2/18/2019		12.8	97		Present < RDL	2.9	Present < RDL	Present < RDL	8.3	7	Present < RDL	2.9	Present < RDL	1
Ben's Branch	3/19/2019		13.9	4.1		Present < RDL	3.5	Present < RDL	Present < RDL	7.5	9	Present < RDL	3.5	Present < RDL	4
Ben's Branch	4/25/2019		10.8	145		Present < RDL	2.8	Present < RDL	Present < RDL	8.3	19	Present < RDL	2.8	0.3	4
Ben's Branch	5/23/2019		9.7	307.6		Present < RDL	3.2	Present < RDL	Present < RDL	7.5	19	Present < RDL	3.2	Present < RDL	4
Ben's Branch	6/20/2019		9	1439		Present < RDL	2.8	Present < RDL	Present < RDL	7.4	22	Present < RDL	2.8	Present < RDL	5
Ben's Branch	7/23/2019		8.4	10860		Present < RDL	1.7	Present < RDL	Present < RDL	7.5	23	Present < RDL	1.7	Present < RDL	18
Ben's Branch	8/20/2019		8.6	1354		Present < RDL	2.9	Present < RDL	Present < RDL	7.5	25	Present < RDL	2.9	Present < RDL	1
Ben's Branch	9/26/2019		8.8	461.1		Present < RDL	3.1	Present < RDL	Present < RDL	6.8	19	Present < RDL	3.1	Present < RDL	Present < RDL
Ben's Branch	10/29/2019		10	770.1		Present < RDL	2	Present < RDL	Present < RDL	6.8	15	Present < RDL	2	Present < RDL	1
Ben's Branch	11/19/2019		11.6	201		Present < RDL	3.4	Present < RDL	Present < RDL	6.8	7	Present < RDL	3.4	Present < RDL	1
Ben's Branch	12/19/2019		10.8	75		Present < RDL	3.1	Present < RDL	Present < RDL	7.2	3	Present < RDL	3.1	Present < RDL	1
Ben's Branch	1/21/2020		10.3	62		Present < RDL	3.2	Present < RDL	Present < RDL	6.7	2	Present < RDL	3.2	Present < RDL	Present < RDL
Ben's Branch	2/18/2020		12.8	20		Present < RDL	3.2	Present < RDL	Present < RDL	8.4	9	Present < RDL	3.2	Present < RDL	Present < RDL
Ben's Branch	3/17/2020		12	10		Present < RDL	2.9	Present < RDL	Present < RDL	7.8	12	Present < RDL	2.9	Present < RDL	16
Ben's Branch	4/24/2020		11.1	2187		Present < RDL	2.4	0.8	Present < RDL	6.9	13	0.8	3.2	Present < RDL	9

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Ben's Branch	5/22/2020		9.3	794		Present < RDL	2.8	0.5	Present < RDL	7.4	17	0.5	3.3	Present < RDL	16
Ben's Branch	6/19/2020		8.7	620		Present < RDL	2.7	Present < RDL	Present < RDL	7.3	22	Present < RDL	2.7	Present < RDL	5
Ben's Branch	7/27/2020		8	216		Present < RDL	2.5	Present < RDL	Present < RDL	7.1	27	Present < RDL	2.5	Present < RDL	3
Ben's Branch	8/20/2020		8.6	295		Present < RDL	2.3	Present < RDL	Present < RDL	7.4	21	Present < RDL	2.3	Present < RDL	2
Ben's Branch	9/14/2020		8.8	529		Present < RDL	2.6	Present < RDL	Present < RDL	7.8	22	Present < RDL	2.6	Present < RDL	9
Ben's Branch	10/21/2020		9.3	495		Present < RDL	2	Present < RDL	Present < RDL	7.6	18	Present < RDL	2	Present < RDL	1
Ben's Branch	11/24/2020		13.7	41		Present < RDL	2.6	Present < RDL	Present < RDL	8.3	8	Present < RDL	2.6	Present < RDL	Present < RDL
Ben's Branch	12/15/2020		13.3	738		Present < RDL	2.4	Present < RDL	Present < RDL	8.1	5	Present < RDL	2.4	Present < RDL	1

Location Description	Sample Date	Analysis Description Units	Dissolved Oxygen, Field mg/l	E. coli, Quantitray MPN/100 ml	Fecal Coliform, A-1 MPN/100 ml	Ammonia-N mg/l	Nitrate + Nitrite-N mg/l	Organic Nitrogen mg/l	Ortho Phosphate mg/l	pH, Lab SU	Temperature, Field C	TKN mg/l	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids mg/l
Boyers Mill Bridge	3/13/2003				140	0.1	3.4					1.4		0.11	
Boyers Mill Bridge	4/3/2003				230	< 0.1	2.9					< 0.2		0.11	
Boyers Mill Bridge	5/8/2003				300	0.1	2.4					0.6		0.24	
Boyers Mill Bridge	6/24/2003				230	0.1	2					0.9		0.13	
Boyers Mill Bridge	7/21/2003				20	< 0.1	2.3					0.7		< 0.10	
Boyers Mill Bridge	8/11/2003				70	< 0.1	1.9					0.2		< 0.10	
Boyers Mill Bridge	9/8/2003				220	< 0.1	1.9					0.5		0.13	
Boyers Mill Bridge	10/13/2003				< 20	0.1	3.2					< 0.2		< 0.1	
Boyers Mill Bridge	11/20/2003				90000	0.2	1.6					1.3		0.31	
Boyers Mill Bridge	12/22/2003				40	0.1	3.7					2.7		0.82	
Boyers Mill Bridge	2/24/2004				< 20	< 0.1	3.1					< 0.2		0.13	
Boyers Mill Bridge	3/4/2004				20	< 0.1	3					0.3		0.1	
Boyers Mill Bridge	4/15/2004				700	0.1	2.6					0.3		0.11	
Boyers Mill Bridge	5/13/2004				1100	0.2	2.5					0.3		0.13	
Boyers Mill Bridge	6/10/2004				170	< 0.1	2.3					1.1		0.18	
Boyers Mill Bridge	7/9/2004				140	0.1	1.5					0.7		0.12	
Boyers Mill Bridge	8/17/2004				< 20	< 0.1	0.7					1.7		0.15	
Boyers Mill Bridge	9/23/2004				130	< 0.1	0.9					0.8		0.14	
Boyers Mill Bridge	10/25/2004				40	0.2	1.8					0.8		0.16	
Boyers Mill Bridge	11/23/2004				300	0.2	2.7					0.2		< 0.10	
Boyers Mill Bridge	12/16/2004				80	0.1	4					< 0.2		< 0.10	
Boyers Mill Bridge	3/17/2005				< 20	0.1	3.7					< 0.2		0.12	
Boyers Mill Bridge	4/18/2005				< 20	< 0.1	2.9					< 0.2		0.2	
Boyers Mill Bridge	5/11/2005				230	< 0.1	3					1.5		0.23	
Boyers Mill Bridge	6/15/2005				20	0.1	1.8					1		0.18	
Boyers Mill Bridge	7/12/2005				800	< 0.1	2					1		0.2	
Boyers Mill Bridge	8/24/2005				< 20	< 0.1	1.1					1.1		0.13	
Boyers Mill Bridge	9/20/2005				< 20	0.1	1					0.5		0.16	
Boyers Mill Bridge	10/20/2005				140	0.1	1.3					1.4		0.15	
Boyers Mill Bridge	11/28/2005				40	< 0.1	3.3					< 0.2		< 0.10	
Boyers Mill Bridge	1/24/2006				2400	< 0.1	3					1.1		0.14	
Boyers Mill Bridge	2/21/2006				< 20	0.1	3.8					< 0.2		0.17	
Boyers Mill Bridge	3/29/2006				< 20	< 0.1	3.4					< 0.2		0.28	
Boyers Mill Bridge	4/13/2006				40	< 0.1	2.7					1.2		0.42	
Boyers Mill Bridge	5/4/2006				20	< 0.1	2.1					0.9		0.29	
Boyers Mill Bridge	6/21/2006				800	< 0.1	0.9					1.8		0.24	
Boyers Mill Bridge	7/27/2006				80	< 0.1	1.6					0.3		0.31	
Boyers Mill Bridge	8/23/2006				20	< 0.1	0.8					1.4		0.28	
Boyers Mill Bridge	9/25/2006				< 20	< 0.1	0.9					1.4		0.14	
Boyers Mill Bridge	10/13/2006				110	0.2	1.3					1		< 0.10	
Boyers Mill Bridge	11/9/2006				9000	0.1	1.6					1		0.29	
Boyers Mill Bridge	12/8/2006				< 20	< 0.1	3.8					0.6		0.23	
Boyers Mill Bridge	1/24/2007				< 20	0.1	4					< 0.2		< 0.10	
Boyers Mill Bridge	2/27/2007				40	0.2	2					2		0.51	
Boyers Mill Bridge	3/27/2007				300	< 0.1	2.8					0.4		< 0.1	
Boyers Mill Bridge	4/10/2007				< 20	< 0.1	3.4					< 0.2		< 0.10	
Boyers Mill Bridge	5/8/2007				40	< 0.1	2.1					0.4		0.16	
Boyers Mill Bridge	6/19/2007				80	< 0.1	1.8					1.6		< 0.10	
Boyers Mill Bridge	7/16/2007				40	< 0.1	0.9					1		0.15	
Boyers Mill Bridge	8/28/2007				< 20	0.1	0.3					1.8		0.11	
Boyers Mill Bridge	9/24/2007				< 20	0.1	0.4					0.9		0.12	

Location Description	Sample Date	Analysis Description Units	Dissolved Oxygen, Field mg/l	E. coli, Quantitray MPN/100 ml	Fecal Coliform, A-1 MPN/100 ml	Ammonia-N mg/l	Nitrate + Nitrite-N mg/l	Organic Nitrogen mg/l	Ortho Phosphate mg/l	pH, Lab SU	Temperature, Field C	TKN mg/l	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids mg/l
Boyers Mill Bridge	11/27/2007				< 20	< 0.2	1.2	0.6				0.6	1.8	< 0.10	
Boyers Mill Bridge	12/17/2007				16000	Present < MDL	2.2	0.9				0.9	3.1	0.23	
Boyers Mill Bridge	2/24/2010				80	Present < MDL	2.2	Present < MDL				Present < MDL	2.2	Present < MDL	
Boyers Mill Bridge	3/9/2010				40	Present < MDL	3.1	Present < MDL				Present < MDL	3.1	Present < MDL	
Boyers Mill Bridge	4/8/2010				170	Present < MDL	2.9	1.1				1.1	4	Present < MDL	
Boyers Mill Bridge	5/6/2010			155.3		Present < MDL	2.3	0.8				0.8	3.1	0.18	
Boyers Mill Bridge	6/16/2010			191.8		Present < MDL	1.9	1.7				1.7	3.6	0.12	
Boyers Mill Bridge	7/2/2010			25.9		Present < MDL	1.3	1.2				1.2	2.5	Present < MDL	
Boyers Mill Bridge	8/3/2010			23.5		Present < MDL	0.3	1.2				1.2	1.5	0.17	
Boyers Mill Bridge	9/14/2010			187.2		Present < MDL	2.2	mdl				Present < MDL	2.2	Present < MDL	
Boyers Mill Bridge	10/21/2010			9.6		Present < RDL	1	1.2				1.2	2.2	0.11	
Boyers Mill Bridge	11/24/2010			137.6		Present < RDL	2	2.9				2.9	4.9	0.37	
Boyers Mill Bridge	3/24/2011			> 2419.6		Present < RDL	3	Present < RDL				Present < RDL	3	0.13	
Boyers Mill Bridge	4/25/2011			648.8		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	0.12	
Boyers Mill Bridge	5/12/2011			365.4		Present < RDL	2.5	Present < RDL				Present < RDL	2.5	0.13	
Boyers Mill Bridge	6/20/2011			52		Present < RDL	1.9	Present < RDL				Present < RDL	1.9	0.11	
Boyers Mill Bridge	7/7/2011			4.1		Present < RDL	1.2	1.1				1.1	2.3	0.21	
Boyers Mill Bridge	8/2/2011			23.8		Present < RDL	0.7	0.9				0.9	1.6	0.12	
Boyers Mill Bridge	9/22/2011			488.4		Present < RDL	1.9	2.4				2.4	4.3	0.27	
Boyers Mill Bridge	10/21/2011			> 2419.6		Present < RDL	1.9	Present < RDL				Present < RDL	1.9	0.16	
Boyers Mill Bridge	11/29/2011			1990		Present < RDL	3.6	Present < RDL				Present < RDL	3.6	0.18	
Boyers Mill Bridge	12/8/2011			> 24196		Present < RDL	1.6	0.9				0.9	2.5	0.34	
Boyers Mill Bridge	2/1/2012			5.2		Present < RDL	3.9	Present < RDL				Present < RDL	3.9	Present < RDL	
Boyers Mill Bridge	3/27/2012			866.4		Present < RDL	2.4	0.8				0.8	3.2	0.17	
Boyers Mill Bridge	4/3/2012			83.6		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	0.14	
Boyers Mill Bridge	5/10/2012			114.5		Present < RDL	2	1.1				1.1	3.1	0.21	
Boyers Mill Bridge	6/13/2012			Lab Error		Present < RDL	1.6	1				1	2.6	2.26	
Boyers Mill Bridge	7/10/2012			79.4		Present < RDL	0.7	1.1				1.1	1.8	0.2	
Boyers Mill Bridge	8/3/2012			31		0.4	0.6	0.6				1	1.6	0.14	
Boyers Mill Bridge	9/17/2012			< 10		Present < RDL	0.5	1.4				1.4	1.9	0.16	
Boyers Mill Bridge	10/26/2012			31		Present < RDL	1.3	3				3	4.3	0.36	
Boyers Mill Bridge	11/28/2012			Lab Error		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	Present < RDL	
Boyers Mill Bridge	11/30/2012			63											
Boyers Mill Bridge	12/6/2012			133.4		Present < RDL	3.5	0.7				0.7	4.2	0.11	
Boyers Mill Bridge	1/22/2013			20		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	0.12	
Boyers Mill Bridge	2/13/2013			75		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	Present < RDL	
Boyers Mill Bridge	3/11/2013			10		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	Present < RDL	
Boyers Mill Bridge	4/18/2013			Lab Error		Present < RDL	2.2	0.5				0.5	2.7	0.16	
Boyers Mill Bridge	4/25/2013			52											
Boyers Mill Bridge	5/15/2013			36.8		Present < RDL	1.7	1.3				1.3	3	0.16	
Boyers Mill Bridge	6/25/2013			359		Present < RDL	1.2	1.5				1.5	2.7	0.16	
Boyers Mill Bridge	7/9/2013			53.8		Present < RDL	1.3	1.5				1.5	2.8	0.17	
Boyers Mill Bridge	8/27/2013			556		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	Present < RDL	
Boyers Mill Bridge	9/24/2013			< 10		Present < RDL	0.6	1.9				1.9	2.5	0.3	
Boyers Mill Bridge	10/15/2013			933		Present < RDL	1.2	1.4				1.4	2.6	0.58	
Boyers Mill Bridge	11/21/2013			41		Present < RDL	2.6	1.5				1.5	4.1	0.15	
Boyers Mill Bridge	1/16/2014			2143		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	0.13	
Boyers Mill Bridge	3/20/2014			10		Present < RDL	2.7	0.6				0.6	3.3	Present < RDL	
Boyers Mill Bridge	4/11/2014			63		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Boyers Mill Bridge	5/21/2014			4352		Present < RDL	2.4	0.5				0.5	2.9	0.21	
Boyers Mill Bridge	6/10/2014			< 10		Present < RDL	2.7	0.5				0.5	3.2	Present < RDL	

Location Description	Sample Date	Analysis Description Units	Dissolved Oxygen, Field mg/l	E. coli, Quantitray MPN/100 ml	Fecal Coliform, A-1 MPN/100 ml	Ammonia-N mg/l	Nitrate + Nitrite-N mg/l	Organic Nitrogen mg/l	Ortho Phosphate mg/l	pH, Lab SU	Temperature, Field C	TKN mg/l	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids mg/l
Boyers Mill Bridge	7/9/2014			20		Present < RDL	2.2	1				1	3.2	0.17	
Boyers Mill Bridge	9/18/2014			< 10		Present < RDL	1.3	1				1	2.3	Present < RDL	
Boyers Mill Bridge	10/17/2014			5794		Present < RDL	1.4	1.1				1.1	2.5	0.38	
Boyers Mill Bridge	11/10/2014			228		Present < RDL	1.6	Present < RDL				Present < RDL	1.6	Present < RDL	
Boyers Mill Bridge	12/12/2014			110		Present < RDL	2.7	Present < RDL				Present < RDL	2.7	Present < RDL	
Boyers Mill Bridge	4/6/2015			10		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	Present < RDL	
Boyers Mill Bridge	6/18/2015			160		Present < RDL	1.5	1.5				1.5	3	0.22	
Boyers Mill Bridge	8/24/2015			10		Present < RDL	1	1				1	2	0.15	
Boyers Mill Bridge	9/3/2015			31		Present < RDL	0.9	1.1				1.1	2	0.24	
Boyers Mill Bridge	10/21/2015			20		Present < RDL	1.3	0.9				0.9	2.2	Present < RDL	
Boyers Mill Bridge	12/3/2015			6131		Present < RDL	1.8	0.6				0.6	2.4	Present < RDL	
Boyers Mill Bridge	4/6/2016		11.2	< 10		Present < RDL	2.5	Present < RDL	Present < RDL	7.7	14	Present < RDL	2.5	Present < RDL	
Boyers Mill Bridge	5/4/2016		6.1	3873		0.4	1.2	1.2	Present < RDL	7.6	17	1.6	2.8	0.26	
Boyers Mill Bridge	5/17/2016					Present < RDL	2.1	0.8	0.07			0.8	2.9	Present < RDL	
Boyers Mill Bridge	6/6/2016		5.8	146		0.8	1.4	1.3	Present < RDL	7.3	25	2.1	3.5	0.48	136
Boyers Mill Bridge	6/13/2016					Present < RDL	2	1.7	Present < RDL			1.7	3.7	0.58	32
Boyers Mill Bridge	9/6/2017		7	282		Present < RDL	0.4	3	Present < RDL	7.7	20	3	3.4	0.5	33
Boyers Mill Bridge	10/2/2017		7.2	< 10		0.3	0.7	0.8	Present < RDL	7.2	21	1.1	1.8	0.1	22
Boyers Mill Bridge	11/6/2017		9.2	52		Present < RDL	1	1	Present < RDL	7.2	15	1	2	Present < RDL	13
Boyers Mill Bridge	12/4/2017		12.3	31		Present < RDL	2.6	0.6	Present < RDL	7	7	0.6	3.2	Present < RDL	3
Boyers Mill Bridge	2/5/2018		13.6	1314		Present < RDL	3.2	Present < RDL	Present < RDL	7.2	1	Present < RDL	3.2	Present < RDL	14
Boyers Mill Bridge	3/5/2018		12.8	213		Present < RDL	3.2	Present < RDL	Present < RDL	7.3	6	Present < RDL	3.2	Present < RDL	10
Boyers Mill Bridge	4/2/2018		11	20		Present < RDL	2.6	Present < RDL	Present < RDL	7.6	10	Present < RDL	2.6	Present < RDL	12
Boyers Mill Bridge	5/7/2018		8.4	10		Present < RDL	1.8	0.8	Present < RDL	7.7	20	0.8	2.6	Present < RDL	11
Boyers Mill Bridge	6/4/2018		9	960		Present < RDL	2.1	0.5	0.1	7.5	21	0.5	2.6	0.1	11
Boyers Mill Bridge	7/2/2018		10.2	< 10		Present < RDL	2.7	0.5	Present < RDL	8.8	31	0.5	3.2	Present < RDL	11
Boyers Mill Bridge	8/6/2018		7.9	298		Present < RDL	1.6	Present < RDL	Present < RDL	7.4	29	Present < RDL	1.6	Present < RDL	16
Boyers Mill Bridge	9/5/2018		7.9	75		Present < RDL	3	1.4	Present < RDL	8	30	1.4	4.4	0.14	15
Boyers Mill Bridge	10/1/2018		8.6	862		Present < RDL	3.1	Present < RDL	Present < RDL	7	20	Present < RDL	3.1	Present < RDL	9
Boyers Mill Bridge	11/5/2018		9.5	9208		Present < RDL	2.5	0.7	0.08	6.8	12	0.7	3.2	Present < RDL	11
Boyers Mill Bridge	12/3/2018		10.8	1145		Present < RDL	3.4	Present < RDL	Present < RDL	6.8	11	Present < RDL	3.4	Present < RDL	4
Boyers Mill Bridge	2/18/2019		11.8	63		Present < RDL	3.4	Present < RDL	Present < RDL	7.3	6	Present < RDL	3.4	Present < RDL	7
Boyers Mill Bridge	3/19/2019		11.7	4.1		Present < RDL	3.5	1.5	Present < RDL	6.9	10	1.5	5	Present < RDL	9
Boyers Mill Bridge	4/25/2019		11.8	52		Present < RDL	2.5	Present < RDL	Present < RDL	8.3	21	Present < RDL	2.5	Present < RDL	11
Boyers Mill Bridge	5/23/2019		11.6	44.3		Present < RDL	2.6	Present < RDL	Present < RDL	8.8	22	Present < RDL	2.6	Present < RDL	11
Boyers Mill Bridge	6/20/2019		9.1	10		Present < RDL	2.8	Present < RDL	Present < RDL	7.9	27	Present < RDL	2.8	Present < RDL	5
Boyers Mill Bridge	7/23/2019		9.9	1100		Present < RDL	2.1	1.3	Present < RDL	8.5	26	1.3	3.4	0.28	20
Boyers Mill Bridge	8/20/2019		12.3	20		Present < RDL	2.1	1.4	Present < RDL	8.9	32	1.4	3.5	Present < RDL	24
Boyers Mill Bridge	9/26/2019		8.8	2		Present < RDL	2.2	0.9	Present < RDL	6.8	24	0.9	3.1	Present < RDL	9
Boyers Mill Bridge	10/29/2019		8.7	> 2419.6		Present < RDL	1.9	0.9	Present < RDL	6.8	16	0.9	2.8	Present < RDL	17
Boyers Mill Bridge	11/19/2019		10.6	41		Present < RDL	2.8	Present < RDL	Present < RDL	6.7	7	Present < RDL	2.8	Present < RDL	3
Boyers Mill Bridge	12/19/2019		12.8	1145		Present < RDL	2.8	1.1	Present < RDL	7.3	3	1.1	3.9	Present < RDL	5
Boyers Mill Bridge	1/21/2020		13	74		Present < RDL	3.2	Present < RDL	Present < RDL	6.8	2	Present < RDL	3.2	Present < RDL	1
Boyers Mill Bridge	2/18/2020		11.8	20		Present < RDL	3.6	Present < RDL	Present < RDL	7.2	7	Present < RDL	3.6	Present < RDL	1
Boyers Mill Bridge	3/17/2020		10.8	31		Present < RDL	2.8	0.5	Present < RDL	7.3	12	0.5	3.3	Present < RDL	9
Boyers Mill Bridge	4/24/2020		10.6	52		Present < RDL	2.5	Present < RDL	Present < RDL	6.8	13	Present < RDL	2.5	Present < RDL	5
Boyers Mill Bridge	5/22/2020		9.3	189		Present < RDL	2.8	1	Present < RDL	7.1	18	1	3.8	Present < RDL	17
Boyers Mill Bridge	6/19/2020		11.2	< 10		Present < RDL	1.9	1.4	Present < RDL	8.3	26	1.4	3.3	Present < RDL	9
Boyers Mill Bridge	7/27/2020		9.1	< 10		Present < RDL	1	0.6	Present < RDL	7.8	29	0.6	1.6	Present < RDL	15
Boyers Mill Bridge	8/20/2020		10.4	10		Present < RDL	1.3	0.7	Present < RDL	8.2	28	0.7	2	Present < RDL	12
Boyers Mill Bridge	9/14/2020		9.9	10		Present < RDL	1.4	3.2	Present < RDL	8.3	26	3.2	4.6	Present < RDL	12

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Boyers Mill Bridge	10/21/2020		12	< 10		Present < RDL	1.4	2	Present < RDL	8.4	20	2	3.4	Present < RDL	14
Boyers Mill Bridge	11/24/2020		10	63		0.4	2.3	0.2	Present < RDL	7.4	10	0.6	2.9	Present < RDL	7
Boyers Mill Bridge	12/15/2020		11.7	15531		Present < RDL	2.5	0.7	0.1	7.4	5	0.7	3.2	0.22	15

Location Description	Sample Date	Analysis Description Units	Dissolved Oxygen, Field mg/l	E. coli, Quantitray MPN/100 ml	Fecal Coliform, A-1 MPN/100 ml	Ammonia-N mg/l	Nitrate + Nitrite-N mg/l	Organic Nitrogen mg/l	Ortho Phosphate mg/l	pH, Lab SU	Temperature, Field C	TKN mg/l	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids mg/l
Coldstream Beach	4/3/2003				110	< 0.1	2.8					0.7		0.44	
Coldstream Beach	5/8/2003				700	< 0.1	2.3					1.3		0.23	
Coldstream Beach	6/24/2003				500	0.1	1.9					0.7		0.13	
Coldstream Beach	7/21/2003				20	< 0.1	2.4					0.3		< 0.10	
Coldstream Beach	8/11/2003				< 20	< 0.1	1.9					0.5		0.1	
Coldstream Beach	9/8/2003				16000	< 0.1	1.3					0.8		0.23	
Coldstream Beach	10/13/2003				20	0.1	3					0.7		0.1	
Coldstream Beach	11/20/2003				90000	0.1	1.8					1.2		0.37	
Coldstream Beach	12/22/2003				800	0.1	3.6					< 0.2		0.1	
Coldstream Beach	3/4/2004				20	< 0.1	3					< 0.2		< 0.10	
Coldstream Beach	4/15/2004				1300	0.1	2.4					0.7		0.15	
Coldstream Beach	5/13/2004				500	< 0.1	2.6					0.7		< 0.10	
Coldstream Beach	6/10/2004				110	< 0.1	2.2					0.7		0.11	
Coldstream Beach	7/9/2004				< 20	0.1	1.8					0.9		0.11	
Coldstream Beach	8/17/2004				< 20	< 0.1	0.7					1.9		0.15	
Coldstream Beach	9/23/2004				800	< 0.1	0.8					1		0.15	
Coldstream Beach	10/25/2004				300	0.2	1.8					0.3		0.12	
Coldstream Beach	11/23/2004				20	0.1	2.4					0.4		< 0.10	
Coldstream Beach	12/16/2004				900	0.2	2.8					0.3		0.16	
Coldstream Beach	3/17/2005				< 20	< 0.1	3.6					0.8		0.15	
Coldstream Beach	4/18/2005				< 20	< 0.1	2.8					0.6		0.16	
Coldstream Beach	5/11/2005				20	< 0.1	2.5					0.6		0.15	
Coldstream Beach	6/15/2005				140	< 0.1	2					0.6		0.12	
Coldstream Beach	7/12/2005				20	< 0.1	1.5					0.9		0.15	
Coldstream Beach	8/24/2005				< 20	< 0.1	1.1					1.6		< 0.10	
Coldstream Beach	9/20/2005				40	< 0.1	0.8					0.9		0.11	
Coldstream Beach	10/20/2005				170	< 0.1	1.3					0.7		< 0.10	
Coldstream Beach	11/28/2005				3000	0.1	2.3					5.1		0.6	
Coldstream Beach	1/24/2006				800	< 0.1	3.5					0.4		0.12	
Coldstream Beach	2/21/2006				< 20	0.1	3.8					< 0.2		0.18	
Coldstream Beach	3/29/2006				< 20	0.1	3.3					< 0.2		0.22	
Coldstream Beach	4/13/2006				< 20	< 0.1	2.7					1.1		0.46	
Coldstream Beach	5/4/2006				< 20	< 0.1	2					0.9		0.23	
Coldstream Beach	6/21/2006				3000	< 0.1	0.8					0.9		< 0.10	
Coldstream Beach	7/27/2006				40	< 0.1	1.7					0.6		0.22	
Coldstream Beach	8/23/2006				< 20	< 0.1	0.8					0.6		0.14	
Coldstream Beach	9/25/2006				< 20	< 0.1	0.8					2.7		0.15	
Coldstream Beach	10/13/2006				40	< 0.1	1.1					0.5		0.1	
Coldstream Beach	11/9/2006				9000	< 0.1	1.5					0.9		0.25	
Coldstream Beach	12/8/2006				80	0.1	3.1					< 0.1		0.29	
Coldstream Beach	1/24/2007				< 20	0.1	3.7					< 0.2		< 0.10	
Coldstream Beach	3/27/2007				300	< 0.1	2.5					< 0.2		< 0.1	
Coldstream Beach	4/10/2007				< 20	< 0.1	2.9					1.7		< 0.10	
Coldstream Beach	6/19/2007				< 20	< 0.1	1.9					1.6		0.14	
Coldstream Beach	7/16/2007				< 20	< 0.1	0.9					1.1		< 0.10	
Coldstream Beach	8/28/2007				< 20	0.1	< 0.2					1.4		< 0.10	
Coldstream Beach	9/24/2007				20	0.1	0.2					0.8		0.15	
Coldstream Beach	10/30/2007				300	0.1	0.5	1.2				1.3	1.8	0.11	
Coldstream Beach	11/27/2007				80	< 0.2	0.9	0.9				0.9	1.8	< 0.10	
Coldstream Beach	12/17/2007				9000	Present < MDL	2	0.7				0.7	2.7	0.15	
Coldstream Beach	2/12/2008				800	Present < MDL	2.9	Present < MDL				Present < MDL	2.9	Present < MDL	
Coldstream Beach	3/24/2008				2400	Present < MDL	2.4	0.7				0.7	3.1	0.13	
Coldstream Beach	4/29/2008				500	Present < MDL	1.8	0.8				0.8	2.6	0.12	
Coldstream Beach	5/27/2008				110	Present < MDL	2.1	0.5				0.5	2.6	Present < MDL	
Coldstream Beach	6/9/2008				80	Present < MDL	1.9	0.8				0.8	2.7	Present < MDL	

Location Description	Sample Date	Analysis Description Units	Dissolved Oxygen, Field mg/l	E. coli, Quantitray MPN/100 ml	Fecal Coliform, A-1 MPN/100 ml	Ammonia-N mg/l	Nitrate + Nitrite-N mg/l	Organic Nitrogen mg/l	Ortho Phosphate mg/l	pH, Lab SU	Temperature, Field C	TKN mg/l	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids mg/l
Coldstream Beach	7/8/2008				40	Present < MDL	1.4	0.8				0.8	2.2	Present < MDL	
Coldstream Beach	8/19/2008				< 20	Present < MDL	1	0.8				0.8	1.8	Present < MDL	
Coldstream Beach	9/3/2008				20	Present < MDL	0.6	1.4				1.4	2	0.11	
Coldstream Beach	10/6/2008				< 20	Present < MDL	1	0.7				0.7	1.7	Present < MDL	
Coldstream Beach	11/17/2008				1300	Present < MDL	1.5	0.9				0.9	2.4	Present < MDL	
Coldstream Beach	12/9/2008				300	0.8	2.5	Present < MDL				0.8	3.3	Present < MDL	
Coldstream Beach	2/19/2009				20	Present < MDL	2.9	Present < MDL				Present < MDL	2.9	0.12	
Coldstream Beach	3/5/2009				< 20	Present < MDL	3	0.6				0.6	3.6	Present < MDL	
Coldstream Beach	4/23/2009				1700	Present < MDL	1.8					Present < MDL		0.11	
Coldstream Beach	5/18/2009				110	Present < MDL	2	Present < MDL				Present < MDL	2	0.1	
Coldstream Beach	6/8/2009				110	Present < MDL	1.5	Present < MDL				Present < MDL	1.5	Present < MDL	
Coldstream Beach	7/15/2009				< 20	Present < MDL	1.4	0.6				0.6	2	Present < MDL	
Coldstream Beach	8/17/2009				20	Present < MDL	0.9	0.8				0.8	1.7	Present < MDL	
Coldstream Beach	9/3/2009				< 20	Present < MDL	1.1	0.6				0.6	1.7	Present < MDL	
Coldstream Beach	10/2/2009				< 20	Present < MDL	1.3	1.3				1.3	2.6	0.12	
Coldstream Beach	11/2/2009				300	Present < MDL	2	0.8				0.8	2.8	Present < MDL	
Coldstream Beach	12/16/2009				300	Present < MDL	3.3	0.5				0.5	3.8	0.11	
Coldstream Beach	2/24/2010				< 20	Present < MDL	2.5	Present < MDL				Present < MDL	2.5	Present < MDL	
Coldstream Beach	3/9/2010				< 20	Present < MDL	3.1	Present < MDL				Present < MDL	3.1	Present < MDL	
Coldstream Beach	4/8/2010				40	Present < MDL	2.8	1				1	3.8	Present < MDL	
Coldstream Beach	5/6/2010			7.3		Present < MDL	2.4	0.5				0.5	2.9	Present < MDL	
Coldstream Beach	6/16/2010			2		Present < MDL	1.9	0.7				0.7	2.6	Present < MDL	
Coldstream Beach	7/2/2010			5.2		Present < MDL	1.4	1				1	2.4	Present < MDL	
Coldstream Beach	8/3/2010			< 1		Present < MDL	0.4	1				1	1.4	Present < MDL	
Coldstream Beach	9/14/2010			18.7		0.2	0.2	0.8				1	1.2	Present < MDL	
Coldstream Beach	10/21/2010			8.4		Present < RDL	1.2	0.9				0.9	2.1	0.12	
Coldstream Beach	11/24/2010			118.7		Present < RDL	1.8	0.7				0.7	2.5	Present < RDL	
Coldstream Beach	3/24/2011			172.5		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Coldstream Beach	4/25/2011			35		Present < RDL	2.2	Present < RDL				Present < RDL	2.2	0.1	
Coldstream Beach	5/12/2011			33.1		Present < RDL	2.2	Present < RDL				Present < RDL	2.2	Present < RDL	
Coldstream Beach	6/20/2011			81.3		Present < RDL	1.9	Present < RDL				Present < RDL	1.9	Present < RDL	
Coldstream Beach	7/7/2011			6.3		Present < RDL	1.1	1.1				1.1	2.2	Present < RDL	
Coldstream Beach	8/2/2011			3.1		Present < RDL	0.6	1				1	1.6	0.1	
Coldstream Beach	9/22/2011			920.8		Present < RDL	1.4	1.3				1.3	2.7	0.11	
Coldstream Beach	10/21/2011			> 2419.6		Present < RDL	2.4	0.6				0.6	3	0.2	
Coldstream Beach	11/29/2011			2310		Present < RDL	2.9	0.8				0.8	3.7	0.21	
Coldstream Beach	12/8/2011			19863		Present < RDL	1.9	1.1				1.1	3	0.4	
Coldstream Beach	1/5/2012			20		Present < RDL	4	Present < RDL				Present < RDL	4	Present < RDL	
Coldstream Beach	2/1/2012			16		Present < RDL	3.7	0.5				0.5	4.2	Present < RDL	
Coldstream Beach	3/27/2012			816.4		Present < RDL	2.5	0.5				0.5	3	0.12	
Coldstream Beach	4/3/2012			34.5		Present < RDL	2.5	Present < RDL				Present < RDL	2.5	Present < RDL	
Coldstream Beach	5/10/2012			143.9		Present < RDL	2	0.6				0.6	2.6	0.1	
Coldstream Beach	6/13/2012			Lab Error		Present < RDL	1.5	0.6				0.6	2.1	0.16	
Coldstream Beach	7/10/2012			461.1		Present < RDL	0.6	0.9				0.9	1.5	0.17	
Coldstream Beach	8/3/2012			< 10		Present < RDL	Present < RDL	1				1	1	Present < RDL	
Coldstream Beach	9/17/2012			< 10		Present < RDL	0.5	1.1				1.1	1.6	0.14	
Coldstream Beach	10/26/2012			10		Present < RDL	1.1	1.3				1.3	2.4	0.17	
Coldstream Beach	12/6/2012			16.2		Present < RDL	3.5	Present < RDL				Present < RDL	3.5	Present < RDL	
Coldstream Beach	1/22/2013			85		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	0.17	
Coldstream Beach	2/13/2013			121		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	0.11	
Coldstream Beach	3/11/2013			< 10		Present < RDL	2.7	0.7				0.7	3.4	Present < RDL	
Coldstream Beach	4/18/2013			Lab Error		Present < RDL	2.3	Present < RDL				Present < RDL	2.3	Present < RDL	
Coldstream Beach	4/25/2013			62											
Coldstream Beach	5/15/2013			65		Present < RDL	1.7	1.5				1.5	3.2	0.13	
Coldstream Beach	6/25/2013			30		Present < RDL	1.3	0.7				0.7	2	Present < RDL	

Location Description	Sample Date	Analysis Description Units	Dissolved Oxygen, Field mg/l	E. coli, Quantitray MPN/100 ml	Fecal Coliform, A-1 MPN/100 ml	Ammonia-N mg/l	Nitrate + Nitrite-N mg/l	Organic Nitrogen mg/l	Ortho Phosphate mg/l	pH, Lab SU	Temperature, Field C	TKN mg/l	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids mg/l
Coldstream Beach	7/9/2013			15.6		Present < RDL	1.2	1.1				1.1	2.3	0.12	
Coldstream Beach	8/27/2013			275		Present < RDL	0.2	2				2	2.2	Present < RDL	
Coldstream Beach	9/24/2013			160		Present < RDL	0.8	1				1	1.8	Present < RDL	
Coldstream Beach	10/15/2013			226		Present < RDL	1	1.4				1.4	2.4	0.43	
Coldstream Beach	11/21/2013			10		0.2	2	0.4				0.6	2.6	Present < RDL	
Coldstream Beach	12/11/2013			602		Present < RDL	2.1	1				1	3.1	0.2	
Coldstream Beach	1/16/2014			97		Present < RDL	2.1	Present < RDL				Present < RDL	2.1	Present < RDL	
Coldstream Beach	3/20/2014			< 10		Present < RDL	3.1	0.6				0.6	3.7	Present < RDL	
Coldstream Beach	4/11/2014			< 10		Present < RDL	2.7	Present < RDL				Present < RDL	2.7	Present < RDL	
Coldstream Beach	5/21/2014			168		Present < RDL	1.3	0.6				0.6	1.9	Present < RDL	
Coldstream Beach	6/10/2014			< 10		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	0.22	
Coldstream Beach	7/9/2014			10		Present < RDL	2.4	Present < RDL				Present < RDL	2.4	Present < RDL	
Coldstream Beach	8/22/2014			< 10		Present < RDL	1.6	0.6				0.6	2.2	0.14	
Coldstream Beach	9/18/2014			110		Present < RDL	1.3	0.9				0.9	2.2	Present < RDL	
Coldstream Beach	10/17/2014			4884		Present < RDL	1.6	0.8				0.8	2.4	0.31	
Coldstream Beach	11/10/2014			145		Present < RDL	1.6	0.7				0.7	2.3	Present < RDL	
Coldstream Beach	12/12/2014			3448		Present < RDL	2.2	0.5				0.5	2.7	0.12	
Coldstream Beach	4/6/2015			20		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Coldstream Beach	5/26/2015			63		Present < RDL	1.8	0.9				0.9	2.7	0.18	
Coldstream Beach	6/18/2015			20		Present < RDL	1.8	0.7				0.7	2.5	Present < RDL	
Coldstream Beach	7/24/2015			10		Present < RDL	2.1	0.9				0.9	3	0.19	
Coldstream Beach	8/24/2015			< 10		Present < RDL	1.3	0.8				0.8	2.1	Present < RDL	
Coldstream Beach	9/3/2015			63		Present < RDL	0.9	0.7				0.7	1.6	Present < RDL	
Coldstream Beach	10/21/2015			63		Present < RDL	1.4	0.8				0.8	2.2	Present < RDL	
Coldstream Beach	11/25/2015			10		Present < RDL	2	0.8				0.8	2.8	0.11	
Coldstream Beach	12/3/2015			3255		Present < RDL	2.1	0.8				0.8	2.9	0.1	
Coldstream Beach	1/12/2016			5475		Present < RDL	2.3	0.9				0.9	3.2	0.16	
Coldstream Beach	2/11/2016			75		Present < RDL	2.5	0.8				0.8	3.3	0.4	
Coldstream Beach	4/6/2016		11.1	10		Present < RDL	2.7	Present < RDL	Present < RDL	7.7	16	Present < RDL	2.7	Present < RDL	
Coldstream Beach	5/4/2016		11	2909		Present < RDL	2.3	0.6	Present < RDL	8.3	16	0.6	2.9	0.1	
Coldstream Beach	6/6/2016		11.3	74		Present < RDL	2.1	Present < RDL	Present < RDL	8.5	26	Present < RDL	2.1	Present < RDL	9
Coldstream Beach	7/6/2016		11.9	10		Present < RDL	1.4	1.3	0.09	8.5	29	1.3	2.7	Present < RDL	11
Coldstream Beach	8/3/2016		12.4	31		Present < RDL	0.9	1	Present < RDL	9.3	26	1	1.9	Present < RDL	16
Coldstream Beach	9/7/2016		10.8	< 10		Present < RDL	0.6	1.9	Present < RDL	8.7	28	1.9	2.5	0.14	15
Coldstream Beach	10/3/2016		7.9	20		0.3	0.6	0.8	Present < RDL	8.1	22	1.1	1.7	Present < RDL	18
Coldstream Beach	11/7/2016		9.6	10		0.2	1	0.8	Present < RDL	7.1	14	1	2	Present < RDL	12
Coldstream Beach	12/5/2016		10.4	1918		0.3	1.6	0.7	Present < RDL	7.5	9	1	2.6	Present < RDL	12
Coldstream Beach	1/4/2017		12	464		Present < RDL	2.4	0.6	Present < RDL	7.8	6	0.6	3	Present < RDL	8
Coldstream Beach	2/6/2017		13.5	< 10		Present < RDL	2.7	0.5	Present < RDL	7.6	4	0.5	3.2	Present < RDL	9
Coldstream Beach	3/6/2017		11.9	10		Present < RDL	2.5	0.6	Present < RDL	7.8	9	0.6	3.1	Present < RDL	16
Coldstream Beach	4/3/2017		10.7	2481		Present < RDL	2	1	Present < RDL	7.6	14	1	3	0.11	20
Coldstream Beach	5/3/2017		10.4	10		Present < RDL	1.8	0.5	Present < RDL	8.2	20	0.5	2.3	Present < RDL	6
Coldstream Beach	6/5/2017		11.8	30		Present < RDL	2.1	1	Present < RDL	8.7	23	1	3.1	Present < RDL	27
Coldstream Beach	7/5/2017		13.1	31		Present < RDL	0.9	1.2	Present < RDL	9.5	27	1.2	2.1	Present < RDL	14
Coldstream Beach	8/7/2017		11.4	20		Present < RDL	0.7	1.4	Present < RDL	9	22	1.4	2.1	Present < RDL	13
Coldstream Beach	9/6/2017		10	20		Present < RDL	0.8	1	Present < RDL	9.2	22	1	1.8	0.16	15
Coldstream Beach	10/2/2017		8.5	< 10		0.2	0.7	2	Present < RDL	7.3	22	2.2	2.9	0.12	16
Coldstream Beach	11/6/2017		10.4	216		Present < RDL	0.8	1.6	Present < RDL	8	17	1.6	2.4	0.16	17
Coldstream Beach	12/4/2017		12.1	< 10		Present < RDL	1.8	1	Present < RDL	6.9	8	1	2.8	Present < RDL	8
Coldstream Beach	2/5/2018		13.4	< 10		Present < RDL	2.6	Present < RDL	Present < RDL	7.8	3	Present < RDL	2.6	Present < RDL	4
Coldstream Beach	3/5/2018		12.9	341		Present < RDL	2.8	0.5	Present < RDL	7.2	7	0.5	3.3	Present < RDL	13
Coldstream Beach	4/2/2018		12.7	10		Present < RDL	2.6	Present < RDL	Present < RDL	8	9	Present < RDL	2.6	Present < RDL	6
Coldstream Beach	5/7/2018		10.6	< 10		Present < RDL	1.7	0.5	Present < RDL	8.5	22	0.5	2.2	Present < RDL	4
Coldstream Beach	6/4/2018		9.4	882		Present < RDL	2	Present < RDL	0.12	7.8	22	Present < RDL	2	0.12	54
Coldstream Beach	7/2/2018		11.6	41		Present < RDL	2.6	Present < RDL	Present < RDL	9.2	32	Present < RDL	2.6	Present < RDL	11

Location Description	Sample Date	Analysis Description Units	Dissolved Oxygen, Field mg/l	E. coli, Quantitray MPN/100 ml	Fecal Coliform, A-1 MPN/100 ml	Ammonia-N mg/l	Nitrate + Nitrite-N mg/l	Organic Nitrogen mg/l	Ortho Phosphate mg/l	pH, Lab SU	Temperature, Field C	TKN mg/l	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids mg/l
Coldstream Beach	8/6/2018		9	313		Present < RDL	1.2	0.6	Present < RDL	7.9	31	0.6	1.8	0.18	85
Coldstream Beach	9/5/2018		9.9	10		Present < RDL	2.8	Present < RDL	Present < RDL	8.8	32	Present < RDL	2.8	Present < RDL	5
Coldstream Beach	10/1/2018		10.9	402		Present < RDL	2.5	0.7	Present < RDL	8	23	Present < RDL	3.2	Present < RDL	16
Coldstream Beach	11/5/2018		8.9	14136		Present < RDL	1.8	1	0.14	6.6	13	1	2.8	0.2	19
Coldstream Beach	12/3/2018		10.9	697		Present < RDL	3.3	0.6	Present < RDL	6.8	9	0.6	3.9	Present < RDL	60
Coldstream Beach	2/18/2019		12.8	84		Present < RDL	3.3	Present < RDL	Present < RDL	7.6	6	Present < RDL	3.3	Present < RDL	12
Coldstream Beach	3/19/2019		13.6	4.1		Present < RDL	3.1	0.7	Present < RDL	8.5	13	0.7	3.8	Present < RDL	19
Coldstream Beach	4/25/2019		13	20		Present < RDL	2.2	0.5	Present < RDL	8.6	23	0.5	2.7	Present < RDL	8
Coldstream Beach	5/23/2019		12.8	7.4		Present < RDL	2.5	Present < RDL	Present < RDL	9	22	Present < RDL	2.5	Present < RDL	9
Coldstream Beach	6/20/2019		8.8	41		Present < RDL	2.7	Present < RDL	Present < RDL	7.8	27	Present < RDL	2.7	Present < RDL	7
Coldstream Beach	7/23/2019		10.1	840		Present < RDL	2.3	1	Present < RDL	8.4	27	1	3.3	Present < RDL	11
Coldstream Beach	8/20/2019		12.2	< 10		Present < RDL	1.9	0.8	Present < RDL	8.9	32	0.8	2.7	Present < RDL	16
Coldstream Beach	9/26/2019		10.2	4.1		Present < RDL	2.1	0.9	Present < RDL	6.9	24	0.9	3	Present < RDL	8
Coldstream Beach	10/29/2019		11.1	> 2419.6		Present < RDL	2	0.9	Present < RDL	7	16	0.9	2.9	Present < RDL	14
Coldstream Beach	11/19/2019		10.2	86		0.2	2	0.7	Present < RDL	6.6	9	0.9	2.9	Present < RDL	14
Coldstream Beach	12/19/2019		12.8	1178		Present < RDL	2.3	0.7	Present < RDL	7.4	4	0.7	3	Present < RDL	8
Coldstream Beach	1/21/2020		13.1	20		Present < RDL	3.2	0.6	Present < RDL	6.9	3	0.6	3.8	Present < RDL	2
Coldstream Beach	2/18/2020		12.6	10		Present < RDL	2.9	1.1	Present < RDL	7.4	9	1.1	4	Present < RDL	4
Coldstream Beach	3/17/2020		12	< 10		Present < RDL	2.9	Present < RDL	Present < RDL	7.5	14	Present < RDL	2.9	Present < RDL	8
Coldstream Beach	4/24/2020		12.4	10		Present < RDL	2	0.7	Present < RDL	7.6	14	0.7	2.7	Present < RDL	4
Coldstream Beach	5/22/2020		11.1	246		Present < RDL	2.3	0.8	Present < RDL	7.9	18	0.8	3.1	Present < RDL	14
Coldstream Beach	6/19/2020		9.7	189		Present < RDL	1.9	0.7	Present < RDL	8.2	27	0.7	2.6	Present < RDL	11
Coldstream Beach	7/27/2020		10.7	< 10		Present < RDL	1	Present < RDL	Present < RDL	8.5	31	Present < RDL	1	Present < RDL	18
Coldstream Beach	8/20/2020		12.1	< 10		Present < RDL	1.2	0.7	Present < RDL	8.4	29	0.7	1.9	Present < RDL	10
Coldstream Beach	9/14/2020		10.9	20		Present < RDL	1.1	1.7	Present < RDL	8.5	26	1.7	2.8	Present < RDL	10
Coldstream Beach	10/21/2020		10.8	< 10		Present < RDL	1.3	Present < RDL	Present < RDL	8	22	Present < RDL	1.3	Present < RDL	7
Coldstream Beach	11/24/2020		9	213		0.7	1.6	0.9	Present < RDL	7.2	11	1.6	3.2	Present < RDL	8
Coldstream Beach	12/15/2020		12.2	2143		0.2	2.4	0.3	0.12	7.6	7	Present < RDL	2.9	Present < RDL	8

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Quanti-Tray, MPN MPN/100 ml</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Linganore Creek	1/20/2003					40	< 0.1	4.8					<0.2		0.17	
Linganore Creek	3/13/2003					70	0.1	3.7					1.7		0.11	
Linganore Creek	4/3/2003					210	< 0.1	3.1					< 0.2		< 0.10	
Linganore Creek	5/8/2003					1400	0.1	2.7					0.8		0.18	
Linganore Creek	6/24/2003					2400	0.1	3.3					0.5		0.13	
Linganore Creek	7/21/2003					800	< 0.1	3.7					0.4		< 0.10	
Linganore Creek	8/11/2003					< 20	< 0.1	3.1					0.4		0.13	
Linganore Creek	9/8/2003					500	< 0.1	3.4					< 0.2		0.1	
Linganore Creek	10/13/2003					2400	0.1	4.1					0.3		< 0.1	
Linganore Creek	11/20/2003					5000	0.1	2.4					< 0.2		0.13	
Linganore Creek	12/22/2003					130	0.1	4.1					0.3		< 0.10	
Linganore Creek	2/24/2004					20	< 0.1	3.4					< 0.2		< 0.10	
Linganore Creek	3/4/2004					40	< 0.1	3.2					< 0.2		< 0.01	
Linganore Creek	4/15/2004					230	0.1	3.2					< 0.2		< 0.10	
Linganore Creek	5/13/2004					800	0.1	3.2					0.5		0.14	
Linganore Creek	6/10/2004					2400	< 0.1	3.4					< 0.2		0.13	
Linganore Creek	7/9/2004					50000	0.1	2.5					0.8		0.2	
Linganore Creek	8/17/2004					2400	< 0.1	2.9					0.2		0.12	
Linganore Creek	9/23/2004					300	< 0.1	3					0.2		0.13	
Linganore Creek	10/25/2004					500	< 0.1	3.7					< 0.2		< 0.10	
Linganore Creek	11/23/2004					700	< 0.1	3.3					< 0.2		< 0.10	
Linganore Creek	12/16/2004					130	0.1	4.4					< 0.2		< 0.10	
Linganore Creek	1/21/2005					20	< 0.1	4.5					< 0.2		0.1	
Linganore Creek	3/17/2005					130	< 0.1	4.1					0.5		0.14	
Linganore Creek	4/18/2005					110	< 0.1	3.7					< 0.2		0.16	
Linganore Creek	5/11/2005					800	< 0.1	3.5					0.3		0.18	
Linganore Creek	6/15/2005					2400	< 0.1	3.1					0.5		0.14	
Linganore Creek	7/12/2005					1700	< 0.1	3.4					< 0.2		0.13	
Linganore Creek	8/24/2005					170	< 0.1	3					0.3		< 0.10	
Linganore Creek	9/20/2005					800	< 0.1	2.8					< 0.2		0.12	
Linganore Creek	10/20/2005					800	< 0.1	3.1					< 0.2		< 0.10	
Linganore Creek	11/28/2005					800	< 0.1	3.8					< 0.2		< 0.10	
Linganore Creek	12/26/2005					1700	< 0.1	3.4					0.4		0.12	
Linganore Creek	1/24/2006					20	< 0.1	2.8					< 0.2		0.13	
Linganore Creek	2/21/2006					20	0.1	3.8					< 0.2		0.18	
Linganore Creek	3/29/2006					< 20	< 0.1	3.8					0.3		0.24	
Linganore Creek	4/13/2006					300	< 0.1	2.9					< 0.2		0.34	
Linganore Creek	5/4/2006					1100	< 0.1	2.8					1.1		0.27	
Linganore Creek	6/21/2006					1700	< 0.1	1.8					0.5		0.13	
Linganore Creek	7/27/2006					500	0.3	3.5					0.9		0.13	
Linganore Creek	8/23/2006					800	< 0.1	3.3					0.2		0.11	
Linganore Creek	9/25/2006					300	< 0.1	3.2					1.5		0.12	
Linganore Creek	10/13/2006					210	< 0.1	2.9					< 0.2		< 0.10	
Linganore Creek	11/9/2006					500	0.1	1.8					0.6		< 0.10	
Linganore Creek	12/8/2006					230	< 0.1	3.3					< 0.1		0.15	
Linganore Creek	1/24/2007					20	< 0.1	3.9					< 0.2		< 0.10	
Linganore Creek	2/27/2007					170	0.2	3.1					0.9		0.21	
Linganore Creek	3/27/2007					20	< 0.1	3.1					0.7		< 0.1	
Linganore Creek	4/10/2007					80	0.2	4					0.3		< 0.10	
Linganore Creek	5/8/2007					800	< 0.1	3.3					< 0.2		< 0.10	
Linganore Creek	6/19/2007					1100	< 0.1	3.2					0.3		< 0.10	
Linganore Creek	7/16/2007					300	< 0.1	2.8					0.4		0.11	
Linganore Creek	8/28/2007					170	0.1	2.3					0.7		< 0.10	
Linganore Creek	9/24/2007					230	< 0.1	2.7					< 0.2		< 0.10	
Linganore Creek	10/30/2007					1400	< 0.1	2.3	0.5				0.5	2.8	0.1	

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Quanti-Tray, MPN MPN/100 ml</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Linganore Creek	11/27/2007					500	< 0.2	2.5	0.2				0.2	2.7	0.14	
Linganore Creek	12/17/2007					5000	Present < MDL	2.9	< 0.5				Present < MDL	2.9	0.13	
Linganore Creek	1/25/2008					70	0.8	3.6	< 0.5				0.8	4.4	Present < MDL	
Linganore Creek	2/12/2008					60	Present < MDL	3.8	Present < MDL				Present < MDL	3.8	Present < MDL	
Linganore Creek	3/24/2008					80	Present < MDL	3.2	Present < MDL				Present < MDL	3.2	Present < MDL	
Linganore Creek	4/29/2008					5000	Present < MDL	2.1	0.9				0.9	3	0.13	
Linganore Creek	5/27/2008					1300	Present < MDL	3.3	Present < MDL				Present < MDL	3.3	Present < MDL	
Linganore Creek	6/9/2008					800	Present < MDL	3	Present < MDL				Present < MDL	3	Present < MDL	
Linganore Creek	7/8/2008					2200	Present < MDL	2.9	Present < MDL				Present < MDL	2.9	Present < MDL	
Linganore Creek	8/19/2008					170	Present < MDL	3.4	Present < MDL				Present < MDL	3.4	0.1	
Linganore Creek	9/3/2008					300	Present < MDL	3	Present < MDL				Present < MDL	3	Present < MDL	
Linganore Creek	9/5/2008		8664													
Linganore Creek	9/5/2008		141360													
Linganore Creek	9/8/2008		54750													
Linganore Creek	9/8/2008		43520													
Linganore Creek	10/6/2008					270	Present < MDL	3.3	Present < MDL				Present < MDL	3.3	Present < MDL	
Linganore Creek	11/17/2008					800	Present < MDL	2.4	Present < MDL				Present < MDL	2.4	Present < MDL	
Linganore Creek	12/9/2008					230	0.3	3.6	0.2				Present < MDL	4.1	Present < MDL	
Linganore Creek	1/5/2009					170	Present < MDL	4.1	Present < MDL				Present < MDL	4.1	Present < MDL	
Linganore Creek	2/19/2009					40	Present < MDL	3.6	Present < MDL				Present < MDL	3.6	Present < MDL	
Linganore Creek	3/5/2009					< 20	Present < MDL	3.8	Present < MDL				Present < MDL	3.8	Present < MDL	
Linganore Creek	4/23/2009					230	Present < MDL	2.5					Present < MDL		Present < MDL	
Linganore Creek	5/18/2009					800	Present < MDL	2.8	Present < MDL				Present < MDL	2.8	0.22	
Linganore Creek	6/8/2009					700	Present < MDL	3	Present < MDL				Present < MDL	3	0.17	
Linganore Creek	7/15/2009					300	Present < MDL	3.2	Present < MDL				Present < MDL	3.2	Present < MDL	
Linganore Creek	8/17/2009					170	Present < MDL	3.2	Present < MDL				Present < MDL	3.2	Present < MDL	
Linganore Creek	9/3/2009					500	Present < MDL	3.3	Present < MDL				Present < MDL	3.3	Present < MDL	
Linganore Creek	10/2/2009					700	Present < MDL	3.1	Present < MDL				Present < MDL	3.1	Present < MDL	
Linganore Creek	11/2/2009					800	Present < MDL	3	Present < MDL				Present < MDL	3	0.11	
Linganore Creek	12/16/2009					170	Present < MDL	4.1	Present < MDL				Present < MDL	4.1	Present < MDL	
Linganore Creek	1/15/2010					< 20	Present < MDL	4.6	Present < MDL				Present < MDL	4.6	Present < MDL	
Linganore Creek	3/9/2010					< 20	Present < MDL	3.6	Present < MDL				Present < MDL	3.6	Present < MDL	
Linganore Creek	4/8/2010					300	Present < MDL	3.5	0.8				0.8	4.3	0.13	
Linganore Creek	5/6/2010				648.8		Present < MDL	3.2	0.5				0.5	3.7	0.11	
Linganore Creek	6/16/2010				1046.2		Present < MDL	3.4	Present < MDL				Present < MDL	3.4	Present < MDL	
Linganore Creek	7/2/2010				118.7		Present < MDL	3.4	0.9				0.9	4.3	Present < MDL	
Linganore Creek	8/3/2010				1732.9		Present < MDL	2.6	0.5				0.5	3.1	Present < MDL	
Linganore Creek	9/14/2010				193.5		Present < MDL	3	Present < RDL				Present < MDL	3	Present < RDL	
Linganore Creek	10/21/2010				648.8		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Linganore Creek	11/24/2010				461.1		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	0.19	
Linganore Creek	2/16/2011				36.4		Present < RDL	3.6	Present < RDL				Present < RDL	3.6	Present < RDL	
Linganore Creek	3/24/2011				770.1		Present < RDL	3	Present < RDL				Present < RDL	3	0.12	
Linganore Creek	4/25/2011				365.4		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	Present < RDL	
Linganore Creek	5/12/2011				579.4		Present < RDL	3.3	0.8				0.8	4.1	0.37	
Linganore Creek	6/20/2011				816.4		Present < RDL	3.5	Present < RDL				Present < RDL	3.5	Present < RDL	
Linganore Creek	7/7/2011				1203.3		Present < RDL	3.2	0.6				0.6	3.8	0.13	
Linganore Creek	8/2/2011				307.6		Present < RDL	2.8	0.6				0.6	3.4	0.14	
Linganore Creek	9/22/2011				> 2419.6		Present < RDL	3	0.8				0.8	3.8	0.19	
Linganore Creek	10/21/2011				980.4		Present < RDL	3.3	Present < RDL				Present < RDL	3.3	Present < RDL	
Linganore Creek	11/29/2011				850		Present < RDL	4	Present < RDL				Present < RDL	4	0.15	
Linganore Creek	12/8/2011				4611		Present < RDL	2.5	Present < RDL				Present < RDL	2.5	0.17	
Linganore Creek	1/5/2012				96		Present < RDL	5.1	Present < RDL				Present < RDL	5.1	0.1	
Linganore Creek	2/1/2012				67		Present < RDL	4.6	Present < RDL				Present < RDL	4.6	Present < RDL	
Linganore Creek	3/27/2012				517.2		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Linganore Creek	4/3/2012				198.9		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	0.13	

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Quanti-Tray, MPN MPN/100 ml</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Linganore Creek	5/10/2012				> 2419.6		Present < RDL	2.8	0.5				0.5	3.3	0.11	
Linganore Creek	6/13/2012				Lab Error		Present < RDL	2.5	1.2				1.2	3.7	0.52	
Linganore Creek	7/10/2012				> 2419.6		Present < RDL	1.9	Present < RDL				Present < RDL	1.9	0.3	
Linganore Creek	8/3/2012				199		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	Present < RDL	
Linganore Creek	9/17/2012				122		Present < RDL	3	Present < RDL				Present < RDL	3	0.11	
Linganore Creek	10/26/2012				767		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	0.13	
Linganore Creek	11/28/2012				Lab Error		Present < RDL	3.7	Present < RDL				Present < RDL	3.7	Present < RDL	
Linganore Creek	11/30/2012				512											
Linganore Creek	12/6/2012				517.2		Present < RDL	4.1	1				1	5.1	0.16	
Linganore Creek	1/22/2013				20		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	Present < RDL	
Linganore Creek	2/13/2013				31		Present < RDL	3.6	Present < RDL				Present < RDL	3.6	Present < RDL	
Linganore Creek	3/11/2013				10		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Linganore Creek	4/18/2013				Lab Error		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	Present < RDL	
Linganore Creek	4/25/2013				218											
Linganore Creek	5/15/2013				816.4		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	0.12	
Linganore Creek	6/25/2013				1789		Present < RDL	3	Present < RDL				Present < RDL	3	Present < RDL	
Linganore Creek	7/9/2013				517.2		Present < RDL	2.7	Present < RDL				Present < RDL	2.7	0.13	
Linganore Creek	8/27/2013				285		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Linganore Creek	9/24/2013				359		Present < RDL	2.6	Present < RDL				Present < RDL	2.6	Present < RDL	
Linganore Creek	10/15/2013				794		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Linganore Creek	11/21/2013				146		Present < RDL	3.3	Present < RDL				Present < RDL	3.3	0.12	
Linganore Creek	12/11/2013				1607		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	0.27	
Linganore Creek	1/16/2014				279		Present < RDL	3.7	Present < RDL				Present < RDL	3.7	Present < RDL	
Linganore Creek	2/10/2014				10		Present < RDL	3.9	Present < RDL				Present < RDL	3.9	Present < RDL	
Linganore Creek	3/20/2014				84		Present < RDL	3.3	Present < RDL				Present < RDL	3.3	Present < RDL	
Linganore Creek	4/11/2014				10		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Linganore Creek	5/21/2014				677		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	0.11	
Linganore Creek	6/10/2014				4352		Present < RDL	3.3	0.5				0.5	3.8	Present < RDL	
Linganore Creek	7/9/2014				2603		Present < RDL	3.6	Present < RDL				Present < RDL	3.6	Present < RDL	
Linganore Creek	8/22/2014				1017		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	Present < RDL	
Linganore Creek	9/18/2014				450		Present < RDL	3.6	Present < RDL				Present < RDL	3.6	Present < RDL	
Linganore Creek	10/17/2014				2046		Present < RDL	2.2	Present < RDL				Present < RDL	2.2	Present < RDL	
Linganore Creek	11/10/2014				637		Present < RDL	3	Present < RDL				Present < RDL	3	Present < RDL	
Linganore Creek	12/12/2014				262		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	Present < RDL	
Linganore Creek	1/28/2015				228		Present < RDL	3.6	Present < RDL				Present < RDL	3.6	0.14	
Linganore Creek	2/6/2015				148		Present < RDL	3.7	Present < RDL				Present < RDL	3.7	Present < RDL	
Linganore Creek	4/6/2015				31		Present < RDL	3.3	Present < RDL				Present < RDL	3.3	Present < RDL	
Linganore Creek	5/26/2015				2098		Present < RDL	3	Present < RDL				Present < RDL	3	0.17	
Linganore Creek	6/18/2015				15531		Present < RDL	2.8	0.6				0.6	3.4	0.11	
Linganore Creek	7/24/2015				496		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	0.19	
Linganore Creek	8/24/2015				213		Present < RDL	3.2	Present < RDL				Present < RDL	3.2	Present < RDL	
Linganore Creek	9/3/2015				> 24196		Present < RDL	2.9	0.6				0.6	3.5	0.15	
Linganore Creek	10/21/2015				199		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	Present < RDL	
Linganore Creek	11/25/2015				369		Present < RDL	3.6	Present < RDL				Present < RDL	3.6	Present < RDL	
Linganore Creek	12/3/2015				3654		Present < RDL	2.5	Present < RDL				Present < RDL	2.5	Present < RDL	
Linganore Creek	1/12/2016				299		Present < RDL	3.5	Present < RDL				Present < RDL	3.5	Present < RDL	
Linganore Creek	2/11/2016				20		Present < RDL	3.9	Present < RDL				Present < RDL	3.9	Present < RDL	
Linganore Creek	4/6/2016			13.1	63		Present < RDL	3.4	Present < RDL	Present < RDL	7.9	10	Present < RDL	3.4	Present < RDL	
Linganore Creek	5/4/2016			9.6	1553		Present < RDL	2.5	0.6	Present < RDL	8	14	0.6	3.1	0.21	
Linganore Creek	5/17/2016						Present < RDL	3.1	Present < RDL	Present < RDL			Present < RDL	3.1	Present < RDL	
Linganore Creek	6/6/2016			8.5	24196		Present < RDL	2.5	0.7	Present < RDL	7.5	20	0.7	3.2	0.22	48
Linganore Creek	6/13/2016						Present < RDL	3	Present < RDL	Present < RDL			Present < RDL	3	Present < RDL	22
Linganore Creek	7/6/2016			7.5	2098		Present < RDL	3	0.7	0.11	7.8	28	0.7	3.7	0.11	18
Linganore Creek	7/18/2016						Present < RDL	3	Present < RDL	Present < RDL			Present < RDL	3	0.12	20
Linganore Creek	8/3/2016			7.7	583		Present < RDL	3.1	Present < RDL	Present < RDL	8.2	24	Present < RDL	Present < RDL	Present < RDL	13

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Quanti-Tray, MPN MPN/100 ml</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Linganore Creek	8/15/2016						Present < RDL	2.9	Present < RDL	0.05			Present < RDL	2.9	Present < RDL	8
Linganore Creek	9/7/2016			8.1	388		Present < RDL	2.7	Present < RDL	0.07	7.3	22	Present < RDL	2.7	Present < RDL	3
Linganore Creek	9/19/2016						Present < RDL	2.4	Present < RDL	Present < RDL			Present < RDL	2.4	Present < RDL	6
Linganore Creek	10/3/2016			8.6	> 24196		Present < RDL	2.6	Present < RDL	0.1	8.1	20	Present < RDL	2.6	0.12	6
Linganore Creek	10/17/2016						Present < RDL	3.1	Present < RDL	Present < RDL			Present < RDL	3.1	0.13	10
Linganore Creek	11/7/2016			9.4	471		Present < RDL	2.4	Present < RDL	Present < RDL	7.4	11	Present < RDL	2.4	Present < RDL	1
Linganore Creek	12/5/2016			11.7	638		Present < RDL	3.1	Present < RDL	Present < RDL	7.8	8	Present < RDL	3.1	Present < RDL	3
Linganore Creek	1/4/2017			11.2	12033		Present < RDL	2.4	0.7	Present < RDL	7.5	7	0.7	3.1	0.1	16
Linganore Creek	2/6/2017			14	20		Present < RDL	3.9	Present < RDL	Present < RDL	8.2	6	Present < RDL	3.9	Present < RDL	1
Linganore Creek	3/6/2017			13.1	20		Present < RDL	3.2	Present < RDL	Present < RDL	7.7	4	Present < RDL	3.2	Present < RDL	3
Linganore Creek	4/3/2017			10.6	305		Present < RDL	3	0.5	Present < RDL	7.2	12	0.5	3.5	Present < RDL	8
Linganore Creek	6/5/2017			8.5	546		Present < RDL	3.2	0.7	Present < RDL	7.7	19	0.7	3.9	Present < RDL	19
Linganore Creek	7/5/2017			7.3	1178		Present < RDL	2.5	Present < RDL	Present < RDL	8	24	Present < RDL	2.5	Present < RDL	14
Linganore Creek	8/7/2017			8.2	882		Present < RDL	2.5	0.8	Present < RDL	7.9	20	0.8	3.3	0.11	11
Linganore Creek	9/6/2017			8.4	11199		Present < RDL	2.6	0.7	Present < RDL	8.2	19	0.7	3.3	0.15	21
Linganore Creek	11/6/2017			9.3	657		Present < RDL	2.2	Present < RDL	Present < RDL	7.5	15	Present < RDL	2.2	Present < RDL	4
Linganore Creek	12/4/2017			13.3	269		Present < RDL	3.1	0.5	Present < RDL	7	5	0.5	3.6	Present < RDL	14
Linganore Creek	2/5/2018			13.8	1664		Present < RDL	3.2	0.6	Present < RDL	7.1	1	0.6	3.8	Present < RDL	40
Linganore Creek	6/4/2018			9	3076		Present < RDL	2.2	Present < RDL	0.13	7.2	17	Present < RDL	2.2	0.13	34
Linganore Creek	7/2/2018			7.8	1722		Present < RDL	3.8	Present < RDL	Present < RDL	7.8	26	Present < RDL	3.8	Present < RDL	8
Linganore Creek	8/6/2018			8	1274		Present < RDL	2.8	Present < RDL	Present < RDL	7.4	29	Present < RDL	2.8	Present < RDL	31
Linganore Creek	9/5/2018			7.7	1314		Present < RDL	4	Present < RDL	Present < RDL	7.8	25	Present < RDL	4	Present < RDL	2
Linganore Creek	10/1/2018			8.8	554		Present < RDL	3.4	Present < RDL	Present < RDL	7	18	Present < RDL	3.4	Present < RDL	10
Linganore Creek	11/5/2018			10.2	> 24196		Present < RDL	2.1	1	0.16	7.6	11	1	3.1	0.33	119
Linganore Creek	12/3/2018			10.8	185		Present < RDL	3.8	Present < RDL	Present < RDL	6.9	10	Present < RDL	3.8	Present < RDL	5
Linganore Creek	1/16/2019			13.5	41		Present < RDL	4.6	Present < RDL	Present < RDL	7.3	4	Present < RDL	4.6	Present < RDL	1
Linganore Creek	2/18/2019			12.3	355		Present < RDL	3.5	Present < RDL	Present < RDL	7.2	7	Present < RDL	3.5	Present < RDL	1
Linganore Creek	3/19/2019			13.1	< 10		Present < RDL	4	Present < RDL	Present < RDL	7.2	9	Present < RDL	4	Present < RDL	6
Linganore Creek	4/25/2019			9.8	435		Present < RDL	3.4	Present < RDL	Present < RDL	7.7	19	Present < RDL	3.4	Present < RDL	8
Linganore Creek	5/23/2019			9.7	613.1		Present < RDL	3.7	Present < RDL	0.08	7.5	17	Present < RDL	3.7	Present < RDL	10
Linganore Creek	6/20/2019			9	2247		Present < RDL	3.4	Present < RDL	Present < RDL	7.4	22	Present < RDL	3.4	Present < RDL	14
Linganore Creek	7/23/2019			8	13540		Present < RDL	1.5	1	0.07	7.3	23	1	2.5	Present < RDL	72
Linganore Creek	8/20/2019			8.4	638		Present < RDL	3	Present < RDL	Present < RDL	7.7	27	Present < RDL	3	Present < RDL	5
Linganore Creek	9/26/2019			9.2	110.6		Present < RDL	3.5	1.1	Present < RDL	6.8	19	1.1	4.6	Present < RDL	2
Linganore Creek	10/29/2019			9.5	1553.1		Present < RDL	2.4	Present < RDL	Present < RDL	6.9	15	Present < RDL	2.4	Present < RDL	11
Linganore Creek	11/19/2019			11.8	364		Present < RDL	4.1	0.8	Present < RDL	6.7	7	0.8	4.9	Present < RDL	1
Linganore Creek	12/19/2019			13.8	243		Present < RDL	3.4	Present < RDL	Present < RDL	7.2	2	Present < RDL	3.4	Present < RDL	1
Linganore Creek	1/21/2020			12.3	109		Present < RDL	3.8	Present < RDL	Present < RDL	6.9	2	Present < RDL	3.8	Present < RDL	1
Linganore Creek	2/18/2020			12.3	63		Present < RDL	3.8	0.5	Present < RDL	7.2	9	0.5	4.3	Present < RDL	Present < RDL
Linganore Creek	3/17/2020			11.8	201		Present < RDL	3.5	Present < RDL	Present < RDL	7.5	12	Present < RDL	3.5	Present < RDL	2
Linganore Creek	5/22/2020			9.7	613		Present < RDL	3.4	Present < RDL	Present < RDL	7.6	18	Present < RDL	3.4	Present < RDL	18
Linganore Creek	6/19/2020			9.4	882		Present < RDL	3.1	0.5	Present < RDL	7.3	23	0.5	3.6	Present < RDL	11
Linganore Creek	7/27/2020			8	108		Present < RDL	1.8	Present < RDL	Present < RDL	6.8	28	Present < RDL	1.8	Present < RDL	11
Linganore Creek	8/20/2020			9	173		Present < RDL	2.7	Present < RDL	Present < RDL	7.5	23	Present < RDL	2.7	Present < RDL	2
Linganore Creek	9/14/2020			8.8	253		Present < RDL	2.8	6.6	Present < RDL	7.7	23	6.6	9.4	Present < RDL	2
Linganore Creek	10/21/2020			9.2	158		Present < RDL	2.6	Present < RDL	Present < RDL	7.4	19	Present < RDL	2.6	Present < RDL	1
Linganore Creek	11/24/2020			12.6	20		Present < RDL	2.9	Present < RDL	Present < RDL	7.8	8	Present < RDL	2.9	Present < RDL	3

Location Description	Sample Date	Analysis Description Units	Dissolved Oxygen, Field mg/l	E. coli, Quantitray MPN/100 ml	Fecal Coliform, A-1 MPN/100 ml	Ammonia-N mg/l	Nitrate + Nitrite-N mg/l	Organic Nitrogen mg/l	Ortho Phosphate mg/l	pH, Lab SU	Temperature, Field C	TKN mg/l	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids mg/l
Nightingale Beach	3/13/2003				20	0.1	2.8					0.4		0.38	
Nightingale Beach	4/3/2003				130	< 0.1	2.9					0.2		< 0.10	
Nightingale Beach	5/8/2003				500	< 0.1	2.3					0.3		0.18	
Nightingale Beach	6/24/2003				1300	0.1	1.9					1.6		0.2	
Nightingale Beach	7/21/2003				80	< 0.1	2.5					0.8		< 0.10	
Nightingale Beach	8/11/2003				2200	< 0.1	1.9					0.4		< 0.10	
Nightingale Beach	9/8/2003				230	< 0.1	1.4					0.4		0.17	
Nightingale Beach	10/13/2003				20	0.1	3.1					0.4		< 0.1	
Nightingale Beach	11/20/2003				50000	0.1	1.8					1.3		0.34	
Nightingale Beach	12/22/2003				300	0.1	3.8					< 0.2		< 0.1	
Nightingale Beach	3/4/2004				< 20	< 0.1	3					0.2		< 0.10	
Nightingale Beach	4/15/2004				1100	0.1	2.7					0.4		0.11	
Nightingale Beach	5/13/2004				40	0.1	2.6					0.7		0.16	
Nightingale Beach	6/10/2004				40	< 0.1	2.1					1.4		0.18	
Nightingale Beach	7/9/2004				1300	< 0.1	1.6					0.8		0.12	
Nightingale Beach	8/17/2004				80	< 0.1	0.7					1.4		0.12	
Nightingale Beach	9/23/2004				110	< 0.1	0.8					1.1		0.22	
Nightingale Beach	10/25/2004				80	0.2	1.7					0.5		0.12	
Nightingale Beach	11/23/2004				170	0.2	2.6					0.8		0.14	
Nightingale Beach	3/17/2005				< 20	0.1	3.8					< 0.2		0.11	
Nightingale Beach	4/18/2005				< 20	< 0.1	2.9					< 0.2		0.16	
Nightingale Beach	5/11/2005				70	< 0.1	2.9					0.5		0.19	
Nightingale Beach	6/15/2005				40	< 0.1	2					2.8		0.12	
Nightingale Beach	7/12/2005				2400	< 0.1	1.6					0.9		0.13	
Nightingale Beach	8/24/2005				< 20	< 0.1	1.1					1.4		< 0.10	
Nightingale Beach	9/20/2005				300	< 0.1	1					0.6		0.12	
Nightingale Beach	10/20/2005				220	< 0.1	1.7					1.2		0.11	
Nightingale Beach	11/28/2005				2400	0.1	2.6					1.3		0.12	
Nightingale Beach	1/24/2006				1700	< 0.1	3.5					0.5		0.15	
Nightingale Beach	2/21/2006				< 20	0.1	3.7					0.3		0.19	
Nightingale Beach	3/29/2006				< 20	< 0.1	3.4					< 0.2		0.22	
Nightingale Beach	4/13/2006				130	< 0.1	2.7					0.4		0.38	
Nightingale Beach	5/4/2006				20	< 0.1	2.1					0.8		0.23	
Nightingale Beach	6/21/2006				220	< 0.1	0.8					1.1		0.1	
Nightingale Beach	7/27/2006				170	< 0.1	1.7					0.4		0.28	
Nightingale Beach	8/23/2006				< 20	< 0.1	1					0.7		< 0.10	
Nightingale Beach	9/25/2006				20	< 0.1	1					1.1		0.12	
Nightingale Beach	10/13/2006				130	< 0.1	1.1					0.9		< 0.10	
Nightingale Beach	11/9/2006				16000	< 0.1	1.6					0.6		< 0.10	
Nightingale Beach	12/8/2006				20	< 0.1	3.6					< 0.1		0.28	
Nightingale Beach	1/24/2007				< 20	0.3	4.2					0.3		< 0.10	
Nightingale Beach	2/27/2007				< 20	0.2	1.8					1.4		0.39	
Nightingale Beach	3/27/2007				300	< 0.1	2.6					< 0.2		< 0.1	
Nightingale Beach	4/10/2007				20	< 0.1	2.7					1.1		< 0.10	
Nightingale Beach	5/8/2007				20	< 0.1	2.4					0.5		0.1	
Nightingale Beach	6/19/2007				130	< 0.1	1.6					0.6		< 0.10	
Nightingale Beach	7/16/2007				< 20	< 0.1	0.9					1.3		0.1	
Nightingale Beach	8/28/2007				< 20	0.1	0.2					1.6		< 0.10	
Nightingale Beach	9/24/2007				20	< 0.1	0.3					0.9		0.11	
Nightingale Beach	10/30/2007				500	0.2	0.5	1.4				1.6	2.1	0.13	
Nightingale Beach	11/27/2007				110	0.5	0.7	< 0.2				0.6	1.3	< 0.10	
Nightingale Beach	12/17/2007				5000	Present < MDL	2.3	0.9				0.9	3.2	0.21	
Nightingale Beach	2/12/2008				20	0.5	2.8	Present < MDL				0.5	3.3	Present < MDL	
Nightingale Beach	3/24/2008				1700	Present < MDL	2.4	2.2				2.2	4.6	0.34	
Nightingale Beach	4/29/2008				1700	Present < MDL	2	0.6				0.6	2.6	Present < MDL	

Location Description	Sample Date	Analysis Description Units	Dissolved Oxygen, Field mg/l	E. coli, Quantitray MPN/100 ml	Fecal Coliform, A-1 MPN/100 ml	Ammonia-N mg/l	Nitrate + Nitrite-N mg/l	Organic Nitrogen mg/l	Ortho Phosphate mg/l	pH, Lab SU	Temperature, Field C	TKN mg/l	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids mg/l
Nightingale Beach	5/27/2008				< 20	Present < MDL	2.3	0.9				0.9	3.2	Present < MDL	
Nightingale Beach	6/9/2008				80	Present < MDL	2	0.6				0.6	2.6	Present < MDL	
Nightingale Beach	7/8/2008				230	Present < MDL	1.4	1.2				1.2	2.6	Present < MDL	
Nightingale Beach	8/19/2008				3000	Present < MDL	1	1.3				1.3	2.3	0.1	
Nightingale Beach	9/3/2008				< 20	Present < MDL	0.7	0.8				0.8	1.5	Present < MDL	
Nightingale Beach	10/6/2008				20	Present < MDL	1.1	1				1	2.1	Present < MDL	
Nightingale Beach	11/17/2008				3000	0.3	1.6	0.8				1.1	2.7	0.16	
Nightingale Beach	1/5/2009				< 20	Present < MDL	4.1	Present < MDL				Present < MDL	4.1	Present < MDL	
Nightingale Beach	2/19/2009				< 20	Present < MDL	3.1	Present < MDL				Present < MDL	3.1	Present < MDL	
Nightingale Beach	3/5/2009				< 20	Present < MDL	3.2	Present < MDL				Present < MDL	3.2	Present < MDL	
Nightingale Beach	4/23/2009				300	Present < MDL	1.8					Present < MDL		Present < MDL	
Nightingale Beach	5/18/2009				170	Present < MDL	2.2	Present < MDL				Present < MDL	2.2	0.18	
Nightingale Beach	6/8/2009				< 20	Present < MDL	1.7	Present < MDL				Present < MDL	1.7	0.12	
Nightingale Beach	7/15/2009				1100	Present < MDL	1.4	1.1				1.1	2.5	0.14	
Nightingale Beach	8/17/2009				< 20	Present < MDL	1	0.8				0.8	1.8	Present < MDL	
Nightingale Beach	9/3/2009				< 20	Present < MDL	1.1	0.6				0.6	1.7	Present < MDL	
Nightingale Beach	10/2/2009				< 20	Present < MDL	1.3	0.6				0.6	1.9	Present < MDL	
Nightingale Beach	11/2/2009				3000	Present < MDL	2.6	Present < MDL				Present < MDL	2.6	Present < MDL	
Nightingale Beach	12/16/2009				130	Present < MDL	3.6	0.5				0.5	4.1	Present < MDL	
Nightingale Beach	2/24/2010				< 20	Present < MDL	3.6	Present < MDL				Present < MDL	3.6	Present < MDL	
Nightingale Beach	3/9/2010				< 20	Present < MDL	3.2	Present < MDL				Present < MDL	3.2	Present < MDL	
Nightingale Beach	4/8/2010				130	Present < MDL	2.9	0.7				0.7	3.6	Present < MDL	
Nightingale Beach	5/6/2010			38.4		Present < MDL	2.4	1.1				1.1	3.5	0.21	
Nightingale Beach	6/16/2010			67		Present < MDL	1.9	Present < MDL				Present < MDL	1.9	Present < MDL	
Nightingale Beach	7/2/2010			7.4		Present < MDL	1.3	1				1	2.3	Present < MDL	
Nightingale Beach	8/3/2010			1		Present < MDL	0.4	0.7				0.7	1.1	0.12	
Nightingale Beach	9/14/2010			7.4		0.2	0.4	1.1				1.3	1.7	0.12	
Nightingale Beach	10/21/2010			8.6		Present < RDL	1.2	0.8				0.8	2	0.1	
Nightingale Beach	11/24/2010			204.6		Present < RDL	2	0.7				0.7	2.7	Present < RDL	
Nightingale Beach	3/24/2011			325.5		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	Present < RDL	
Nightingale Beach	4/25/2011			980.4		Present < RDL	2.5	0.6				0.6	3.1	0.18	
Nightingale Beach	5/12/2011			30.1		Present < RDL	2.2	Present < RDL				Present < RDL	2.2	0.11	
Nightingale Beach	6/20/2011			68.3		Present < RDL	1.9	0.5				0.5	2.4	0.12	
Nightingale Beach	7/7/2011			6.3		Present < RDL	1.1	1.1				1.1	2.2	0.18	
Nightingale Beach	8/2/2011			6.3		Present < RDL	0.7	1				1	1.7	Present < RDL	
Nightingale Beach	9/22/2011			31.8		Present < RDL	1.7	1				1	2.7	0.18	
Nightingale Beach	10/21/2011			> 2419.6		Present < RDL	2.2	1				1	3.2	0.32	
Nightingale Beach	11/29/2011			1090		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	0.21	
Nightingale Beach	12/8/2011			19863		Present < RDL	1.5	1.5				1.5	3	0.51	
Nightingale Beach	2/1/2012			37.9		Present < RDL	4.1	0.9				0.9	5	0.19	
Nightingale Beach	3/27/2012			1413.6		Present < RDL	2.5	0.7				0.7	3.2	Present < RDL	
Nightingale Beach	4/3/2012			2		Present < RDL	2.7	Present < RDL				Present < RDL	2.7	0.1	
Nightingale Beach	5/10/2012			139.6		Present < RDL	2.2	Present < RDL				Present < RDL	2.2	Present < RDL	
Nightingale Beach	6/13/2012			Lab Error		Present < RDL	1.7	0.6				0.6	2.3	0.15	
Nightingale Beach	7/10/2012			727		Present < RDL	0.6	1.1				1.1	1.7	0.18	
Nightingale Beach	8/3/2012			< 10		Present < RDL	0.4	0.9				0.9	1.3	Present < RDL	
Nightingale Beach	9/17/2012			20		Present < RDL	0.5	1.3				1.3	1.8	0.18	
Nightingale Beach	10/26/2012			86		Present < RDL	1.3	1.3				1.3	2.6	0.17	
Nightingale Beach	11/28/2012			Lab Error		Present < RDL	3.6	Present < RDL				Present < RDL	3.6	0.15	
Nightingale Beach	11/30/2012			20											
Nightingale Beach	12/6/2012			26.4		Present < RDL	3.5	Present < RDL				Present < RDL	3.5	0.14	
Nightingale Beach	1/22/2013			10		Present < RDL	3.1	Present < RDL				Present < RDL	3.1	Present < RDL	
Nightingale Beach	2/13/2013			86		Present < RDL	2.9	Present < RDL				Present < RDL	2.9	0.13	
Nightingale Beach	3/11/2013			10		Present < RDL	2.7	1.1				1.1	3.8	Present < RDL	
Nightingale Beach	4/18/2013			Lab Error		Present < RDL	2.3	Present < RDL				Present < RDL	2.3	0.17	

Location Description	Sample Date	Analysis Description Units	Dissolved Oxygen, Field mg/l	E. coli, Quantitray MPN/100 ml	Fecal Coliform, A-1 MPN/100 ml	Ammonia-N mg/l	Nitrate + Nitrite-N mg/l	Organic Nitrogen mg/l	Ortho Phosphate mg/l	pH, Lab SU	Temperature, Field C	TKN mg/l	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids mg/l
Nightingale Beach	4/25/2013			51											
Nightingale Beach	5/15/2013			115.3		Present < RDL	1.8	1.2				1.2	3	0.15	
Nightingale Beach	6/25/2013			10		Present < RDL	1.3	0.9				0.9	2.2	0.12	
Nightingale Beach	7/9/2013			21.8		Present < RDL	1.3	1.2				1.2	2.5	0.1	
Nightingale Beach	8/27/2013			< 10		Present < RDL	0.3	1.8				1.8	2.1	0.14	
Nightingale Beach	9/24/2013			41		Present < RDL	0.8	1.1				1.1	1.9	Present < RDL	
Nightingale Beach	10/15/2013			309		Present < RDL	1.4	1				1	2.4	Present < RDL	
Nightingale Beach	11/21/2013			< 10		Present < RDL	2.1	0.7				0.7	2.8	0.16	
Nightingale Beach	1/16/2014			712		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	0.12	
Nightingale Beach	3/20/2014			20		Present < RDL	3.1	0.5				0.5	3.6	Present < RDL	
Nightingale Beach	4/11/2014			75		Present < RDL	2.8	0.7				0.7	3.5	Present < RDL	
Nightingale Beach	5/21/2014			410		Present < RDL	2	Present < RDL				Present < RDL	2	0.13	
Nightingale Beach	6/10/2014			20		Present < RDL	2.7	Present < RDL				Present < RDL	2.7	Present < RDL	
Nightingale Beach	7/9/2014			< 10		Present < RDL	2.4	0.7				0.7	3.1	Present < RDL	
Nightingale Beach	8/22/2014			30		Present < RDL	1.6	0.9				0.9	2.5	Present < RDL	
Nightingale Beach	9/18/2014			< 10		Present < RDL	1.3	0.9				0.9	2.2	0.33	
Nightingale Beach	10/17/2014			4352		Present < RDL	1.7	3.8				3.8	5.5	0.42	
Nightingale Beach	11/10/2014			384		Present < RDL	1.7	0.7				0.7	2.4	Present < RDL	
Nightingale Beach	12/12/2014			884		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Nightingale Beach	4/6/2015			< 10		Present < RDL	2.8	Present < RDL				Present < RDL	2.8	Present < RDL	
Nightingale Beach	5/26/2015			134		Present < RDL	1.9	1.7				1.7	3.6	0.27	
Nightingale Beach	6/18/2015			85		Present < RDL	1.8	0.6				0.6	2.4	0.14	
Nightingale Beach	7/24/2015			< 10		Present < RDL	2	0.9				0.9	2.9	0.2	
Nightingale Beach	8/24/2015			52		Present < RDL	1.3	0.9				0.9	2.2	Present < RDL	
Nightingale Beach	9/3/2015			31		Present < RDL	1	0.7				0.7	1.7	0.14	
Nightingale Beach	10/21/2015			31		Present < RDL	1.4	1				1	2.4	Present < RDL	
Nightingale Beach	11/25/2015			< 10		Present < RDL	2	Present < RDL				Present < RDL	2	Present < RDL	
Nightingale Beach	12/3/2015			12033		Present < RDL	2.2	0.8				0.8	3	0.13	
Nightingale Beach	1/12/2016			2909		Present < RDL	2.4	0.8				0.8	3.2	0.12	
Nightingale Beach	2/11/2016			52		Present < RDL	3.4	Present < RDL				Present < RDL	3.4	Present < RDL	
Nightingale Beach	4/6/2016		12.9	20		Present < RDL	2.7	Present < RDL	Present < RDL	7.7	14	Present < RDL	2.7	0.85	
Nightingale Beach	5/4/2016		9.2	3873		Present < RDL	2.2	0.6	Present < RDL	7.9	17	0.6	2.8	Present < RDL	
Nightingale Beach	5/17/2016					Present < RDL	2	1.1	0.08			1.1	3.1	Present < RDL	
Nightingale Beach	6/6/2016		11	52		Present < RDL	2	0.5	Present < RDL	8.4	25	0.5	2.5	Present < RDL	11
Nightingale Beach	6/13/2016					Present < RDL	2	0.7	Present < RDL			0.7	2.7	Present < RDL	17
Nightingale Beach	7/6/2016		8.6	31		Present < RDL	1.4	1	0.12	7.2	28	1	2.4	0.14	17
Nightingale Beach	7/18/2016					Present < RDL	1.3	0.9	Present < RDL			0.9	2.2	Present < RDL	10
Nightingale Beach	8/3/2016		10.3	63		Present < RDL	1.2	1	Present < RDL	8.7	24	1	2.2	0.1	14
Nightingale Beach	8/15/2016					Present < RDL	0.9	0.9	Present < RDL			0.9	1.8	0.1	18
Nightingale Beach	9/7/2016		9.8	< 10		Present < RDL	0.6	0.9	Present < RDL	8.5	27	0.9	1.5	Present < RDL	23
Nightingale Beach	9/19/2016					Present < RDL	0.7	0.6	Present < RDL			0.6	1.3	Present < RDL	8
Nightingale Beach	10/3/2016		7.8	31		0.3	0.6	0.7	Present < RDL	8	21	1	1.6	Present < RDL	16
Nightingale Beach	10/17/2016					Present < RDL	0.9	1	Present < RDL			1	1.9	Present < RDL	17
Nightingale Beach	11/7/2016		9.1	< 10		0.3	1	0.5	Present < RDL	7.4	13	0.8	1.8	Present < RDL	15
Nightingale Beach	12/5/2016		9.8	2613		Present < RDL	1.9	1	Present < RDL	7.2	9	1	2.9	Present < RDL	20
Nightingale Beach	1/4/2017		12.5	2723		Present < RDL	2.6	0.6	Present < RDL	7.5	6	0.6	3.2	Present < RDL	12
Nightingale Beach	2/6/2017		14.5	< 10		Present < RDL	3.6	Present < RDL	Present < RDL	8	3	Present < RDL	3.6	Present < RDL	Present < RDL
Nightingale Beach	3/6/2017		11.7	20		Present < RDL	2.5	0.7	Present < RDL	7.7	9	0.7	3.2	Present < RDL	13
Nightingale Beach	4/3/2017		10.5	2755		Present < RDL	1.9	1.3	Present < RDL	7.3	13	1.3	3.2	0.16	67
Nightingale Beach	5/3/2017		9.5	63		Present < RDL	2.1	Present < RDL	Present < RDL	7.5	17	Present < RDL	2.1	Present < RDL	18
Nightingale Beach	6/5/2017		10.8	1178		0.4	2.1	0.4	Present < RDL	8.9	23	0.8	2.9	Present < RDL	31
Nightingale Beach	7/5/2017		10.3	20		Present < RDL	0.9	1.1	Present < RDL	9.1	26	1.1	2	Present < RDL	17
Nightingale Beach	8/7/2017		10.2	52		Present < RDL	0.9	1.6	Present < RDL	8.6	19	1.6	2.5	0.13	23
Nightingale Beach	9/6/2017		8.5	41		Present < RDL	0.9	1.3	Present < RDL	8.5	22	1.3	2.2	0.1	16
Nightingale Beach	10/2/2017		6.9	10		0.3	0.6	1	Present < RDL	7.3	20	1.3	1.9	Present < RDL	27

<u>Location Description</u>	<u>Sample Date</u>	<u>Analysis Description Units</u>	<u>Dissolved Oxygen, Field mg/l</u>	<u>E. coli, Quantitray MPN/100 ml</u>	<u>Fecal Coliform, A-1 MPN/100 ml</u>	<u>Ammonia-N mg/l</u>	<u>Nitrate + Nitrite-N mg/l</u>	<u>Organic Nitrogen mg/l</u>	<u>Ortho Phosphate mg/l</u>	<u>pH, Lab SU</u>	<u>Temperature, Field C</u>	<u>TKN mg/l</u>	<u>Total Nitrogen mg/l</u>	<u>Total Phosphorus mg/l</u>	<u>Total Suspended Solids mg/l</u>
Nightingale Beach	11/6/2017		9.8	97		Present < RDL	0.9	0.7	Present < RDL	7.9	16	0.7	1.6	Present < RDL	12
Nightingale Beach	12/4/2017		12.3	< 10		Present < RDL	1.8	0.9	Present < RDL	6.9	7	0.9	2.7	0.1	6
Nightingale Beach	2/5/2018		15.3	< 10		Present < RDL	2.1	Present < RDL	Present < RDL	7.2	1	Present < RDL	2.1	Present < RDL	6
Nightingale Beach	3/5/2018		13.2	189		Present < RDL	3.2	Present < RDL	Present < RDL	7.2	5	Present < RDL	3.2	Present < RDL	6
Nightingale Beach	4/2/2018		11.6	20		Present < RDL	2.6	Present < RDL	Present < RDL	7.7	9	Present < RDL	2.6	Present < RDL	14
Nightingale Beach	5/7/2018		9.4	10		Present < RDL	1.7	0.9	Present < RDL	7.7	18	0.9	2.6	Present < RDL	13
Nightingale Beach	6/4/2018		9.1	1723		Present < RDL	2	0.9	0.1	7.4	21	0.9	2.9	0.1	19
Nightingale Beach	7/2/2018		10.6	20		Present < RDL	2.6	Present < RDL	Present < RDL	8.7	30	Present < RDL	2.6	Present < RDL	7
Nightingale Beach	8/6/2018		7.6	860		Present < RDL	1.4	Present < RDL	Present < RDL	7.5	27	Present < RDL	1.4	0.11	20
Nightingale Beach	9/5/2018		9.6	41		Present < RDL	2.8	Present < RDL	Present < RDL	8.5	31	Present < RDL	2.8	Present < RDL	14
Nightingale Beach	10/1/2018		8.9	471		Present < RDL	2.7	Present < RDL	Present < RDL	6.8	20	Present < RDL	2.7	Present < RDL	8
Nightingale Beach	11/5/2018		9.6	6867		Present < RDL	2.4	0.5	0.07	6.8	12	0.5	2.9	Present < RDL	13
Nightingale Beach	12/3/2018		10.7	1296		Present < RDL	3.4	Present < RDL	Present < RDL	7.1	10	Present < RDL	3.4	Present < RDL	11
Nightingale Beach	2/18/2019		12.2	295		Present < RDL	3.5	Present < RDL	Present < RDL	8.1	7	Present < RDL	3.5	Present < RDL	12
Nightingale Beach	3/19/2019		13.1	< 10		Present < RDL	3.3	Present < RDL	Present < RDL	7.6	12	Present < RDL	3.3	1.31	20
Nightingale Beach	4/25/2019		11.6	183		Present < RDL	2.5	Present < RDL	Present < RDL	8.4	22	Present < RDL	2.5	Present < RDL	8
Nightingale Beach	5/23/2019		12.2	37.3		Present < RDL	2.5	Present < RDL	Present < RDL	8.8	22	Present < RDL	2.6	Present < RDL	17
Nightingale Beach	6/20/2019		10.3	20		Present < RDL	2.8	Present < RDL	Present < RDL	7.9	27	Present < RDL	2.8	Present < RDL	9
Nightingale Beach	7/23/2019		9.6	1690		Present < RDL	2.1	Present < RDL	Present < RDL	8.5	27	Present < RDL	2.1	Present < RDL	18
Nightingale Beach	8/20/2019		12.8	< 10		Present < RDL	2	0.6	Present < RDL	8.9	31	0.6	2.6	Present < RDL	17
Nightingale Beach	9/26/2019		8.9	201.4		Present < RDL	2.2	0.9	Present < RDL	6.8	22	0.9	3.1	Present < RDL	16
Nightingale Beach	10/29/2019		9.1	> 2419.6		Present < RDL	1.9	1.1	Present < RDL	6.9	16	1.1	3	Present < RDL	17
Nightingale Beach	11/19/2019		9.7	52		0.2	2.4	0.6	Present < RDL	6.8	7	0.8	3.2	Present < RDL	7
Nightingale Beach	12/19/2019		12.6	203		Present < RDL	3	0.8	Present < RDL	7.2	4	0.8	3.8	Present < RDL	3
Nightingale Beach	2/18/2020		11.9	30		Present < RDL	3.1	0.6	Present < RDL	7.2	8	0.6	3.7	Present < RDL	4
Nightingale Beach	3/17/2020		11.2	20		Present < RDL	2.8	0.9	Present < RDL	7.3	13	0.9	3.7	Present < RDL	18
Nightingale Beach	4/24/2020		11.3	41		Present < RDL	2.4	0.8	Present < RDL	6.9	13	0.8	3.2	Present < RDL	8
Nightingale Beach	5/22/2020		10	2359		Present < RDL	2.5	0.8	Present < RDL	7.3	17	0.8	3.3	Present < RDL	23
Nightingale Beach	6/19/2020		10.8	20		Present < RDL	1.8	0.8	Present < RDL	8.2	26	0.8	2.6	Present < RDL	6
Nightingale Beach	7/27/2020		8.6	< 10		Present < RDL	1.1	Present < RDL	Present < RDL	7.2	27	Present < RDL	1.1	Present < RDL	19
Nightingale Beach	8/20/2020		10.2	20		Present < RDL	1.2	0.7	Present < RDL	8.1	28	0.7	1.9	Present < RDL	18
Nightingale Beach	9/14/2020		10.7	41		Present < RDL	1.3	0.9	Present < RDL	8.4	25	0.9	2.2	Present < RDL	11
Nightingale Beach	10/21/2020		11.6	30		Present < RDL	1.3	1.3	Present < RDL	8.1	20	1.3	2.6	Present < RDL	17
Nightingale Beach	11/24/2020		9.6	109		0.4	2	0.4	Present < RDL	7.2	10	0.8	2.8	Present < RDL	5
Nightingale Beach	12/15/2020		11.7	12997		Present < RDL	2.4	0.7	0.11	7.6	5	0.7	3.1	0.21	18